UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

EARTHQUAKE DATA REPORT
December 1985

NATIONAL EARTHQUAKE INFORMATION CENTER

Open File Report
86-551L

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 $20^\circ \leq \Delta \leq 160^\circ$, and for reported periods of $18 \leq T \leq 22$ s. No correction for focal depth is used in the M_S calculation. Body-wave magnitudes are not determined from PKP arrivals or for stations having $\Delta \leq 5^\circ$. Amplitude values stated in this report are in nanometers (nm) for body-waves and micrometers (μm) for surface-waves.

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

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.

* DEC 01, 1985 00h 24m 57.12± 1.84s
23.391 N ±11.5km 121.723 E ±18.1km
DEPTH = 26.8 ± 7.9 km
TAIWAN (244)

TWF1	0.39	264	iPc	25	06.00	0.3
			eS	25	11.50	
TWD	0.70	350	iP	25	10.00	-0.6
			eS	25	19.00	
TWG	0.83	227	iPc	25	12.50	-0.3
TWK	1.14	264	iPc	25	17.50	0.1
TWQ	1.20	317	iPd	25	18.00	-0.2
TWC	1.22	5	iPc	25	18.50	0.1
TATO	1.59	352	e(P)	25	24.30	0.5
TWZ	1.70	356	ePc	25	25.50	0.1

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

? DEC 01, 1985 00h 43m 33.04± 6.53s
20.528 S ±63.1km 178.111 W ±63.1km
DEPTH = 628.2 ± 57.8 km
4.8mb (2 obs.)
FIJI ISLANDS REGION (181)

DZM	14.48	261	iPc	46	37.00	1.3
CTA	33.38	264	iPd	49	23.00	-0.5
	0.6s		17.67nm			4.9mb
PMG	35.25	283	ePg	49	38.00	-0.9
ASPA	44.41	257	iPd	50	51.90	-0.1
WB2	44.48	262	iPd	50	51.40	-1.2
WBN	50.78	253	ePg	51	39.00	-0.7
NAU	61.32	255	ePg	52	52.00	0.2
COL	88.29	12	ePg	55	19.00	-0.7
CHG	90.15	290	iPc	55	31.80	2.5
	0.6s		7.00nm			4.8mb
CLL	148.06	347	iPKP	02	11.40	5.2X
BRG	148.26	345	i(PKP)	02	12.00	5.5X
PRU	148.93	344	PKP	02	13.80	6.2X
KHC	149.97	345	PKP	02	16.20	7.0X
			ePg	02	24.40	

S.D. = 1.5 on 9 of 13 obs.

DEC 01, 1985 00h 47m 41.89± 0.50s
42.283 N ± 5.0km 19.950 E ± 4.3km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 2.8 (TTG).

PVY	0.31	3	iPgc	47	48.30	-0.1
			iSg	47	53.80	
TTG	0.53	286	ePg	47	51.30	-1.3
			iSg	48	00.50	
IVA	0.59	356	ePg	47	53.50	-0.4
			eSg	48	02.80	
ULC	0.61	239	ePg	47	54.20	0.0
			eSg	48	03.40	
BDV	0.83	270	ePg	47	58.00	0.0
			eSg	48	11.00	
NKY	0.88	307	ePg	47	58.50	-0.4
			eSg	48	12.00	
HCY	1.09	279	ePg	48	02.70	0.4
			eSg	48	19.50	
PLE	1.12	339	ePg	48	03.60	0.6
			eSg	48	21.50	
SKO	1.15	105	iPn	48	02.40	-1.0
BRY	1.21	301	ePg	48	04.30	-0.2
			eS	48	24.00	
OHR	1.33	151	ePn	48	06.90	0.4
VAY	2.18	115	iPn	48	19.20	0.5
CEY	5.27	313	e(Pn)	49	05.00	2.4X
			eSn	50	09.40	
VOY	5.75	313	ePn	49	11.00	1.6
			eSn	50	19.00	

S.D. = 0.8 on 13 of 14 obs.

DEC 01, 1985 01h 05m 49.63± 0.67s
44.615 N ± 4.9km 111.100 W ± 9.1km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 2.8 (NEIS).

IMW	0.73	171	eP	06	03.90	-0.3
CCMT	1.30	284	eP	06	15.20	0.9
LCCM	1.34	336	eP	06	14.90	-0.1
TMI	1.44	205	eP	06	16.00	-0.6
SXM	1.54	357	ePn	06	17.70	-0.2
LRM	1.54	322	ePn	06	18.40	0.4
HPI	1.70	239	eP	06	20.70	0.4
BUT	1.74	324	ePg	06	22.80	2.0X
			eSn	06	44.20	
BDW	2.15	148	eP	06	27.40	0.6
HRY	2.16	347	ePn	06	27.50	0.6
NEW	5.53	313	e(P)	07	13.00	-1.7

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

DEC 01, 1985 01h 08m 53.48± 0.60s
44.627 N ± 4.5km 111.054 W ± 8.3km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 3.8 (NEIS).

IMW	0.73	174	iPc	09	07.70	-0.5
CCMT	1.33	283	iPd	09	18.80	0.2
LCCM	1.34	335	ePd	09	18.70	-0.1
TMI	1.46	206	eP	09	20.00	-0.8
SXM	1.53	356	iPnd	09	22.10	0.5
LRM	1.55	321	iPnd	09	22.20	0.2
HPI	1.73	239	eP	09	24.80	0.1
BUT	1.75	323	ePg	09	26.00	1.2
			eSn	09	46.70	
BDW	2.14	149	eP	09	31.00	0.4
HRY	2.15	346	ePn	09	30.00	-0.7
LDM	4.83	324	iPd	10	08.00	-0.6
			eS	11	26.70	
MFW	5.34	286	eP	10	17.20	1.3
NEW	5.55	313	eP	10	17.00	-1.8
			eLg	11	45.00	
SES	5.77	0	eP	10	38.00	16.1X
BMN	6.19	230	eP	10	37.00	9.1X
PV09	6.29	166	eP	10	30.00	0.5
EUR	6.31	217	iP	10	35.50	5.8X
	0.2s		6.14nm			5.1mb X
PNT	7.50	312	eP	10	54.00	7.8X
YMT3	8.82	209	eP	11	15.00	10.3X

S.D. = 0.9 on 14 of 19 obs.

DEC 01, 1985 01h 37m 01.76± 0.52s
51.601 N ±11.8km 174.521 W ± 5.3km
DEPTH = 33.0km (normal)
4.8mb (26 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK	1.37	283	iPd	37	25.50	0.7
KDC	14.12	56	eP	40	20.00	-1.2
COL	19.16	36	eP	41	25.00	0.2
INK	25.76	34	eP	42	30.00	-0.6
MBC	32.41	22	eP	43	30.00	-0.1
NEW	36.29	72	eP	44	03.00	-0.7
EDM	36.35	63	iPc	44	04.90	0.7
	0.5s		28.00nm			5.4mb
MAT	36.47	264	eP	44	05.00	-0.3
MDJ	37.16	282	Pd	44	09.20	-1.8
EUR	41.68	83	iP	44	49.00	0.1
	0.1s		10.77nm			5.5mb
SNY	42.36	282	iPc	44	53.70	-0.4
BDW	43.67	75	eP	45	05.00	-0.1
	1.0s		4.00nm			4.1mb
BJI	47.93	285	eP	45	37.50	-1.1
RSON	48.11	57	iP	45	39.80	-0.1
	0.5s		15.28nm			5.3mb
SSE	50.67	272	eP	46	01.20	1.4
TIY	51.66	285	eP	46	07.00	-0.3
XAN	56.23	284	eP	46	39.50	-1.4
KEV	57.94	351	eP	46	51.00	-1.5
SOD	60.29	351	iP	47	08.00	-0.8
OTT	60.83	53	eP	47	11.50	-1.3
GYA	62.94	279	P	47	26.60	-0.7
KJF	63.24	349	iP	47	27.00	-1.6
	0.6s		15.60nm			5.3mb
SUF	64.86	350	iP	47	37.80	-1.4
NUR	67.18	350	iP	47	53.00	-1.0
NB2	67.62	357	P	47	55.90	-0.9
	0.6s		3.60nm			4.6mb
UPP	68.46	353	iP	48	01.50	-0.5
CHG	73.37	279	eP	48	32.00	-0.2
KKN	74.65	295	eP	48	40.00	0.2
	0.6s		30.00nm			5.5mb
PKI	74.75	295	eP	48	40.40	-0.1
	0.6s		21.00nm			5.3mb
DMN	74.89	295	eP	48	41.40	0.2
	0.7s		33.00nm			5.4mb
BRG	77.65	355	i(P)	48	56.00	0.0
	0.9s		12.00nm			4.9mb
MOX	78.00	356	e(P)	48	59.00	1.1
ENN	78.01	360	eP	48	59.00	1.1
DOU	78.68	1	Pc	49	02.40	0.8
			e	49	12.40	
KHC	79.41	355	iPd	49	06.80	1.1
			e	49	20.50	
FLN	79.89	4	eP	49	08.20	0.0
	0.8s		10.70nm			4.9mb
LDF	80.07	4	eP	49	09.20	0.0
	0.6s		5.00nm			4.7mb
GRR	80.24	4	eP	49	10.40	0.3
	0.8s		11.80nm			4.9mb
CDF	80.36	359	eP	49	11.00	0.2
LPF	80.59	4	eP	49	12.40	0.5
	0.6s		9.00nm			4.9mb
HAU	80.77	359	eP	49	13.50	0.6
	0.8s		5.30nm			4.6mb
BSF	80.94	359	eP	49	14.20	0.3
	0.5s		4.30nm			4.7mb
GRC	81.46	2	iPd	49	17.70	1.2
KBA	81.47	355	iPd	49	17.40	0.6
	0.7s		6.50nm			4.8mb
LOR	81.50	1	iPc	49	17.20	0.4
	0.6s		6.30nm			4.8mb
SSF	81.70	1	iPc	49	18.60	0.8
	0.6s		6.60nm			4.8mb
LBF	81.79	1	iPc	49	18.70	0.4
	0.8s		5.90nm			4.7mb
AVF	81.97	1	iPc	49	19.50	0.3
	0.6s		4.80nm			4.7mb
MFF	82.06	4	eP	49	20.40	0.8
	0.8s		10.70nm			4.9mb
SMF	82.12	1	iPc	49	20.40	0.4
	0.6s		7.20nm			4.9mb
QUE	82.35	310	iPd	49	23.40	1.7
TCF	82.45	2	eP	49	22.40	0.7
	0.8s		4.50nm			4.6mb
MZF	82.53	2	eP	49	23.00	0.9
	0.6s		3.60nm			4.6mb
HYB	86.61	294	eP	49	42.40	-0.7
GBA	90.29	292	P	50	02.00	1.4
	0.6s		1.10nm			4.3mb
BNG	123.07	344	iPKPd	55	55.70	-0.7
	0.6s		4.00nm			
SPA	141.41	180	ePKP	56	21.00	-8.7X
BUL	143.75	321	iPKPd	56	32.40	-2.7X
	0.9s		9.66nm			
SLR	148.89	317	iPKPc	56	46.00	2.6X
	0.7s		13.70nm			

S.D. = 0.9 on 56 of 59 obs.

* DEC 01, 1985 02h 20m 17.50± 0.95s
36.485 N ±12.3km 71.134 E ± 9.7km
DEPTH = 33.0km (normal)
4.7mb (4 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

QUE	7.19	210	eP	22	03.00	-0.2
			eS	23	18.50	
NDI	9.32	145	iPd	22	33.00	0.5
	0.6s		26.67nm			5.6mb
			eS	24	09.00	
DMN	14.78	123	eP	23	46.20	0.1
	0.4s		12.00nm			4.6mb
KKN	14.78	122	eP	23	45.80	-0.3
	0.5s		17.00nm			4.7mb
PKI	15.01	122	eP	23	48.90	-0.3
	0.4s		16.00nm			4.7mb
NB2	44.46	323	P	28	27.00	0.1
	0.4s		0.40nm			3.6mb X

S.D. = 0.4 on 6 of 6 obs.

? DEC 01, 1985 03h 65m 21.83± 1.48s
21.302 S ±23.9km 67.274 W ±15.4km
DEPTH = 226.6 ± 13.6 km
CHILE-BOLIVIA BORDER REGION (124)

TPZ	1.46	97	iP	05	58.30	-0.1
			(S)	06	27.00	
ANT	3.76	230	iP	06	22.20	0.0
SLA	3.78	155	ePc	06	22.80	0.1
VAO	18.89	99	eP	09	27.30	-0.3
BDF	19.20	76	eP	09	31.20	0.3

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

? DEC 01, 1985 03h 05m 48.36± 2.64s
66.149 N ±27.8km 150.004 W ±14.2km
DEPTH = 10.0km (geophysicist)
ALASKA (676)

01d 03h

ML 3.6 (PMR).

IMA	1.50	269	eP	06 15.80	0.4
COL	1.56	143	iP	06 15.80	-0.3
			i	06 18.40	
FBA	1.56	143	eP	06 15.80	-0.3
TTA	4.14	222	eP	06 52.00	-1.1
PMS	4.93	178	eP	07 05.50	1.3
INK	6.75	64	eP	07 24.00	-5.8X

S.D. = 1.2 on 5 of 6 obs.

? DEC 01, 1985 03h 34m 20.30± 1.06s
3.808 S ±17.8km 102.984 W ±25.4km
DEPTH = 10.0km (geophysicist)
4.4mb (8 obs.)
NORTHERN EASTER I. CORDILLERA (694)

GIE	13.03	77	eP	37 41.70	13.4X
LTX	32.96	359	eP	40 58.00	0.5
	1.0s	3.20nm		4.2mb	
JCT	34.23	5	iP	41 10.00	1.5
	1.0s	5.50nm		4.4mb	
ALQ	38.68	355	eP	41 45.00	-1.3
	1.0s	3.00nm		3.9mb	
GOL	43.35	357	eP	42 26.00	1.3
	1.0s	5.00nm		4.2mb	
GLD	43.39	357	eP	42 26.50	1.6
JAS1	44.57	340	eP	42 35.00	0.7
	1.1s	1.10nm		3.7mb	
EUR	44.71	346	iP	42 37.20	1.5
	0.5s	5.05nm		4.7mb	
BDW	46.75	353	eP	42 51.00	-0.8
	1.1s	16.47nm		5.0mb	
LRM	50.12	351	eP	43 17.20	-0.8
ATB	50.66	91	e(P)	43 22.00	-0.3
SES	54.43	354	eP	43 49.00	-0.9
PNT	54.85	347	eP	43 53.00	0.0
SOB1	61.86	98	eP	44 42.90	0.2
YKC	66.68	354	eP	45 11.00	-2.2
YKA	66.71	354	eP	45 12.10	-1.3
MBC	80.50	356	eP	46 33.00	-0.5
SPA	86.22	180	iPc	47 03.90	0.7
	1.0s	4.50nm		4.6mb	

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

* DEC 01, 1985 04h 44m 58.49± 3.26s
24.648 N ± 9.6km 122.052 E ±28.5km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWC	0.19	258	iP	45 03.30	0.6
			eS	45 10.20	
TATO	0.61	303	eP	45 09.00	-1.7
TWD	0.70	216	iP	45 12.40	0.1
ANP	0.72	318	eP	45 14.00	1.3
TWF1	1.46	208	iP	45 24.70	-0.2
TWK	1.98	226	ePc	45 32.50	0.0

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

DEC 01, 1985 04h 48m 06.33± 0.64s
43.929 N ±13.9km 149.014 E ± 8.9km
DEPTH = 38.9km (8 depth phases)
4.9mb (26 obs.)
KURIL ISLANDS REGION (222)

TSK	10.29	224	eP	50 27.20	-7.3X
MDJ	13.94	280	eP	51 25.00	1.7
CN2	16.99	278	eP	52 00.00	-2.5
			eS	55 10.00	
SNY	18.74	272	eP	52 27.00	2.9
BJI	24.62	272	P	53 24.00	-0.2
SSE	25.39	249	eP	53 40.20	8.7X
	N 16s	1.50um			
			eS	58 10.00	
TIA	25.48	263	eP	53 32.10	-0.3
NJ2	26.41	254	eP	53 41.20	0.2
HHC	27.68	277	P	53 55.00	2.4
TIY	28.20	270	eP	53 58.50	1.1
BTO	28.87	277	eP	54 03.50	0.1
LZH	35.11	273	eP	54 56.50	-1.6
GTA	36.59	280	P	55 10.10	-0.4
BRW	37.76	25	eP	55 19.50	-0.3
CD2	37.77	265	eP	55 18.80	-1.5
GYA	38.27	257	P	55 26.20	1.4
WMO	43.28	292	P	56 04.50	-1.3
MBC	48.22	19	eP	56 41.00	-3.4X
CHG	48.63	255	iPc	56 55.60	7.3X
	1.0s	25.50nm		5.2mb	
YKA	54.90	34	eP	57 34.80	-0.1
RSNT	54.91	34	eP	57 34.30	-0.7
NDI	58.10	281	eP	57 56.00	-2.2
SOD	60.81	338	eP	58 14.00	-2.3
KJF	62.78	335	eP	58 27.00	-2.6
	0.6s	1.70nm		4.4mb	
			i	58 40.00	46km
SES	63.17	45	eP	58 44.00	11.6X
SUF	64.35	335	iP	58 37.20	-2.7
	0.6s	6.70nm		4.9mb	
FFC	64.75	37	eP	58 42.00	-0.6
	0.8s	8.00nm		4.8mb	
WB2	64.96	195	eP	58 43.20	-1.1
WRA	64.97	195	Pc	58 42.80	-1.5
	0.7s	2.50nm		4.4mb	
NUR	66.49	334	iP	58 51.50	-2.1
POO	66.80	274	eP	59 02.00	5.7X
G8A	67.44	267	P	59 10.60	10.3X
KOD	69.69	265	eP	59 13.00	-1.6
NB2	69.92	340	P	59 12.60	-2.4
	0.7s	19.00nm		5.2mb	
HFS	70.04	338	eP	59 13.40	-2.3
	0.4s	6.90nm		5.0mb	
NRA0	70.09	339	eP	59 14.90	-1.1
RSON	71.04	37	eP	59 20.30	-1.7
GOL	73.15	51	e(P)	59 37.00	2.0
ALQ	75.80	55	eP	59 50.80	0.5
KRA	76.41	329	ePc	59 54.00	0.9
	1.0s	48.00nm		5.4mb	
			e	00 04.50	34km
SPC	77.00	328	eP	00 09.10	12.4X
CLL	77.77	334	e(P)	59 59.00	-1.6
BRG	77.83	333	iPd	00 12.40	11.4X
	1.2s	23.00nm			
EKA	78.33	344	Pc	00 15.10	11.4X
	0.9s	19.80nm			
WIT	78.34	338	eP	00 17.00	13.3X
PRU	78.39	332	eP	00 03.80	-0.3
			e	00 15.70	40km
MOX	78.78	334	eP	00 08.50	2.3
			e	00 18.50	32km
SRO	78.87	329	eP	00 06.50	-0.2
ZST	79.00	330	e(P)	00 07.50	0.1
WTS	79.03	337	eP	00 07.50	0.0
	0.9s	33.00nm		5.3mb	
			i	00 19.90	42km
KHC	79.45	332	iPc	00 10.00	0.1
			e	00 21.30	37km
SOP	79.63	330	eP	00 10.40	-0.4
GRF	79.74	334	eP	00 11.40	0.0
			e	00 23.50	40km
ENN	80.38	337	eP	00 14.00	-0.8
	0.9s	42.00nm		5.4mb	
			e	00 26.50	42km
MEM	80.50	337	Pd	00 27.00	11.6X
SNF	81.06	338	P	00 30.30	11.9X
KBA	81.29	331	iP	00 21.90	2.0
	0.8s	15.20nm		5.0mb	
			i	00 25.70	12kmX
			i	00 31.80	
WLF	81.30	337	P	00 32.70	13.1X
DOU	81.35	338	P	00 31.80	11.9X
LTX	81.42	57	iP	00 21.80	1.0
	1.0s	6.00nm		4.5mb	
CDF	82.09	335	eP	00 24.20	0.3
FVM	82.33	43	eP	00 23.00	-2.3
BSF	82.76	335	eP	00 27.60	0.2
JCT	82.91	54	iP	00 29.00	0.6
	1.1s	9.49nm		4.8mb	
FLN	83.89	340	eP	00 33.60	0.5
	0.8s	5.30nm		4.7mb	
LOR	84.12	337	eP	00 34.70	0.4
	1.0s	10.00nm		4.9mb	
GRC	84.32	337	iPd	00 39.40	4.2X
GRR	84.33	340	eP	00 36.30	1.0
	1.0s	13.60nm		5.0mb	
LBF	84.35	337	eP	00 35.70	0.2
	1.0s	10.80nm		4.9mb	
SSF	84.41	337	eP	00 36.40	0.7
	0.8s	3.20nm		4.5mb	
SMF	84.70	337	eP	00 39.00	1.8
	0.9s	9.80nm		5.0mb	
AVF	84.70	337	eP	00 39.00	1.8
	0.8s	4.00nm		4.6mb	
LPB	84.86	334	eP	00 38.60	0.2
	0.8s	4.50nm		4.7mb	
MZF	85.44	337	eP	00 42.50	1.6
	0.8s	9.40nm		5.0mb	
TCF	85.48	338	eP	00 43.30	2.2
	0.8s	8.00nm		5.0mb	
LSF	85.70	338	eP	00 43.30	1.1
	0.8s	8.00nm		5.0mb	
CAF	86.77	337	eP	00 49.30	1.8
	1.0s	10.00nm		5.0mb	
CDR	86.81	334	eP	01 01.40	13.7X
LFF	87.13	338	eP	00 51.20	2.0
	0.8s	8.00nm		5.0mb	
LPO	87.24	338	eP	00 51.80	2.1
SOB1	144.35	17	ePKP	07 38.00	-2.2X
ITR	144.37	13	ePKP	07 37.80	-2.4X
BDF	148.37	32	ePKP	07 48.40	1.5

S.D. = 1.5 on 64 of 83 obs.

* DEC 01, 1985 05h 06m 37.19± 0.41s
53.783 S ± 6.8km 59.402 W ±12.6km
DEPTH = 10.0km (geophysicist)
4.9mb (7 obs.) 3.9Msz (2 obs.)
FALKLAND ISLANDS REGION (148)

AIA	11.76	190	eP	09 29.80	2.0
VBA	15.83	353	eP	10 19.80	-1.8
RFA	20.05	338	ePc	11 12.20	-1.0
LNV	21.57	332	eP	11 25.00	-3.7X
SAN	21.84	334	eP	11 33.00	1.5
BACH	21.90	334	eP	11 33.50	1.4
PEL	22.14	334	eP	11 33.50	-1.0
			e	18 33.00	
ROCH	22.39	334	eP	11 38.00	0.8
SLA	29.38	349	ePd	12 41.80	-0.8
VAO	32.14	22	eP	13 10.90	3.9X
TPZ	32.62	349	P	13 13.70	2.2
SPA	36.40	180	iPc	13 42.40	-0.9
	1.0s	20.00nm		4.9mb	
CNC8	37.50	346	eP	13 55.00	1.6
LPB	37.79	346	P	13 56.00	0.4
	Z 20s	0.71um		4.5Msz	
			(S)	21 26.00	
			LR	26 28.00	
ZOBO	38.05	346	Pc	13 58.20	0.2
	1.1s	11.60nm		4.6mb	
	Z 22s	0.05um		3.3Msz	
			LR	26 24.00	
ARE	38.42	341	eP	14 04.00	3.2X
BDF	39.09	18	eP	14 08.00	1.8
			e	14 10.00	
SBA	45.61	192	iP	14 59.80	1.2
	0.7s	20.55nm		5.2mb	
SOB1	46.88	25	eP	15 08.50	-0.8
			e	15 12.70	
ITR	47.97	28	eP	15 16.90	-1.0
			e	15 23.20	
			e	15 25.00	
ATB	50.68	9	e(P)	15 38.00	-0.6
BUL	72.85	101	iPc	18 07.20	-1.0
	0.7s	7.53nm		4.9mb	
KIC	75.37	57	eP	18 22.50	0.0
KRI	76.03	99	eP	18 25.20	-1.3
LSZ	76.42	97	iP	18 29.00	0.3
KRP	77.11	222	P	18 31.00	-1.1
MTD	77.22	101	eP	18 36.00	2.9
AVY	84.61	115	ePd	19 12.90	0.6
BNG	86.46	78	iPd	19 22.10	0.9
	0.6s	3.00nm		4.7mb	
JCT	90.92	326	eP	19 40.80	-1.2
	1.0s	9.00nm		5.0mb	
WB2	105.63	193	ePdiff20	47.40	-1.4
WRA	105.63	193	Pdiffd20	47.30	-1.5
	1.0s	3.60nm		5.3mb	
BIAL	115.81	214	ePKP	25 25.00	3.4X
YKC	123.71	333	ePKP	25 33.00	-2.2X
YKA	123.75	333	ePKP	25 34.60	-0.7
GBA	127.52	123	PKPd	25 42.80	-1.1
	0.4s	0.80nm			
SUF	133.88	40	ePKP	25 55.00	0.4
MBC	135.27	343	ePKP	25 56.00	-0.9
DMN	143.11	121	ePKP	26 07.90	-5.1X
	0.5s	20.00nm			
PKI	143.23	121	ePKP	26 07.80	-5.5X
	7.0s	14.00nm			
KKN	143.35	121	ePKP	26 08.40	-5.0X
	0.6s	17.00nm			

S.D. = 1.3 on 33 of 41 obs.

& DEC 01, 1985 05h 32m 18.69s
58.878 N 150.660 W
DEPTH = 90.3km
GULF OF ALASKA (15)
<AGS-P>.

NNL	1.21	345	eP	32 41.35	0.1
SEW	1.38	26	eP	32 41.78	-1.4
			iS	33 00.78	
KDC	1.49	221	eP	32 43.73	-0.9
SLKM	1.65	8	eP	32 46.03	-0.8
			iS	33 06.91	
ILM	1.71	321	eP	32 46.50	-1.1
MPA	1.75	22	eP	32 47.39	-0.6
			iS	33 08.39	
KNIM	2.09	44	eP	32 49.78	-2.9
PTE	2.16	22	iP	32 52.89	-0.6
PWL	2.31	30	iP	32 55.00	-0.6
			iS	33 21.18	
SPU	2.41	344	eP	32 56.54	-0.6
			iS	33 25.48	
PMS	2.44	13	iP	32 56.92	-0.5
CRP	2.51	343	eP	32 59.11	0.6
CGLM	2.53	345	iP	32 58.85	0.2
FID	2.83	47	iP	33 01.04	-1.6
VZW	3.01	42	eP	33 04.56	-0.6
			iS	33 37.67	
SKT	3.14	352	eP	33 07.19	0.2
KLU	3.53	40	iP	33 12.12	-0.3

17 obs. associated

DEC 01, 1985 06h 16m 39.70± 0.27s
16.547 S ± 6.9km 66.708 E ± 4.7km
DEPTH = 10.0km (geophysicist)
5.2mb (46 obs.) 4.6Msz (2 obs.)
MID-INDIAN RISE (429)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 25C
Centroid Location:
Origin Time 06:16:47.2 0.6
Lat 16.06S 0.09 Lon 66.53E 0.08
Dep 10.0 FIX Half-duration 1.6
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.16 0.04 Mtt=-0.90 0.05
Mff= 1.06 0.05 Mrt=-0.08 0.13
Mrf=-0.61 0.17 Mtf= 0.50 0.05
Principal Axes:

T	Val= 1.42	Plg=21	Azm=103
N	-0.39	68	299
P	-1.03	6	195

Best Double Couple:Mo=1.2*10**24

NP1:	Strike=241	Dip=71	Slip= 11
NP2:	147	79	161

AVY	18.23	260	ePc	20 52.40	-2.4
KOD	28.66	23	eP	22 39.00	-0.2
TET	31.78	266	iP	23 07.00	0.4
GBA	31.78	20	P	23 07.00	0.5
IKZ	33.71	276	iP	23 23.00	-0.7
	0.8s		4.30nm		4.4mb
KRI	35.50	264	iPc	23 37.20	-1.8
POO	35.56	12	iP	23 39.20	-0.1
HYB	35.71	20	eP	23 38.00	-2.6
	1.2s		57.10nm		5.3mb
BUL	36.28	258	iPc	23 44.30	-1.3
	1.0s		25.00nm		5.0mb
PPI	36.85	68	ePd	23 52.50	2.3
SLR	36.88	249	iPc	23 49.50	-1.1
	1.2s		56.25nm		5.2mb
Z	22s		1.67um		4.8Msz
LSZ	37.03	266	iP	23 51.20	-0.7
	1.0s		4.00nm		4.1mb X
MZZ	37.08	273	iPd	23 51.60	-0.8
	1.3s		8.40nm		4.4mb
			i	24 12.80	
			i	25 08.30	
PSI	37.12	62	eP	23 54.00	1.5
BFS	38.35	247	iPd	24 00.80	-2.1
	1.0s		120.00nm		5.6mb
KMZ	39.55	269	iPd	24 12.80	-0.3
	1.0s		4.00nm		4.0mb X
			i	25 10.20	
			i	25 44.50	
			i	26 23.00	
IPM	39.90	61	ePd	24 20.00	4.2X
	1.0s		27.70nm		4.9mb

LWI	39.90	287	iPc	24 17.00	0.9
KGM	40.58	66	ePd	24 22.50	1.1
KHT	44.27	47	eP	24 54.50	3.0X
SUR	44.30	240	iPd	24 51.30	-0.6
	0.7s		26.03nm		5.2mb
TRT	45.66	85	iPc	25 03.90	1.2
NST	45.96	48	eP	25 01.00	-4.0X
NDI	46.10	13	eP	25 04.50	-1.4
MRWA	46.82	115	eP	25 12.00	0.3
MUN	47.27	118	eP	25 15.00	-0.2
CHG	47.33	43	eP	25 17.00	1.2
DMN	47.38	22	iP	25 16.40	0.0
	1.1s		119.00nm		5.9mb
PKI	47.46	23	iP	25 16.60	-0.5
	1.0s		38.00nm		5.4mb
KKN	47.61	22	iP	25 18.00	-0.1
LOE	48.26	47	eP	25 23.00	-0.1
KLB	48.54	118	eP	25 25.00	-0.2
MEK	48.95	111	eP	25 28.50	0.1
MBL	50.30	104	eP	25 38.90	0.1
	1.0s		59.00nm		5.5mb
LSA	51.67	27	Pc	25 48.70	-0.9
BNG	51.97	289	iPd	25 49.30	-2.3
	0.8s		30.00nm		5.3mb
			ic	25 50.00	
			id	26 15.20	
			id	27 04.40	
BCAO	51.98	289	eP	25 49.20	-2.4
	1.0s		19.50nm		5.0mb
IR2	54.04	344	eP	26 05.00	-1.6
KMI	54.30	41	eP	26 04.00	-4.8X
WBN	56.17	111	iPc	26 21.30	-1.0
	0.7s		29.00nm		5.4mb
KSH	56.38	9	P	26 22.00	-1.6
GYA	57.75	43	Pc	26 33.20	-0.3
CD2	59.12	37	eP	26 41.20	-1.7
ASPA	63.01	108	iPc	27 08.40	-1.1
LZH	63.04	33	eP	27 08.00	-1.6
WMQ	63.07	17	Pd	27 08.00	-1.5
			S	35 40.00	
GTA	63.68	28	iPd	27 12.50	-1.2
WRA	63.94	104	Pd	27 15.50	-0.2
	0.9s		46.10nm		5.7mb
WB2	63.95	104	iPc	27 14.70	-1.0
XAN	64.39	38	P	27 16.80	-1.6
WHN	65.52	44	eP	27 25.00	-0.6
ADE	66.12	121	iPc	27 29.30	-0.3
	1.1s		55.70nm		5.7mb
TIY	68.99	37	eP	27 47.00	-0.5
			S	36 53.00	
NJ2	69.49	46	Pc	27 50.00	-0.6
BTO	69.64	34	P	27 51.50	0.0
HHC	70.65	35	P	27 57.60	0.0
TIA	70.87	41	eP	27 56.80	-2.1
SKO	71.65	326	iP	28 01.00	-2.5
VRI	71.88	332	ePc	28 04.50	-0.3
MLR	71.95	331	ePd	28 05.00	-0.4
CVO	72.10	331	eP	28 05.00	-1.1
BJI	72.71	38	eP	28 10.00	0.2
SPA	73.56	180	iPd	28 14.80	0.1
	1.0s		30.00nm		5.3mb
YOU	74.12	122	eP	28 18.10	-0.2
BEO	74.15	328	e(P)	28 18.10	0.0
KIC	74.21	282	eP	28 18.00	-1.1
CAN	74.45	123	eP	28 20.50	0.2
CTA	74.92	107	iPc	28 23.10	-0.1
	1.0s		30.00nm		5.3mb
			iS	38 04.00	
SRO	77.28	329	eP	28 33.80	-2.0
SPC	77.30	331	eP	28 36.80	0.6
KRA	78.05	331	eP	28 39.20	-0.8
	1.0s		48.00nm		5.5mb
			e	28 45.90	
			e	28 49.40	
SOP	78.07	328	eP	28 39.00	-1.2
LJU	78.08	326	eP	28 40.50	0.2
ZST	78.14	329	eP	28 38.90	-1.6
SNY	78.25	40	eP	28 40.30	-1.0
VOY	78.42	325	eP	28 41.00	-1.3
VKA	78.58	328	eP	28 42.00	-1.0
			i	28 49.40	
K8A	79.36	326	e(P)	28 47.00	-0.5
	1.3s		37.50nm		5.2mb
			i	28 53.60	
BHG	80.01	326	eP	28 49.50	-1.3
KSP	80.29	330	eP	28 52.00	-0.2
CN2	80.49	39	Pd	28 52.00	-1.4

KHC	80.53	328	Pc	28 52.50	-1.0
	1.2s		24.00nm		5.1mb
			e	28 59.90	
PRU	80.59	329	eP	28 53.00	-0.8
			e	29 00.00	
LMR	81.13	320	eP	28 58.30	1.6
	1.0s		9.60nm		4.8mb
FUR	81.14	326	iPc	28 56.40	-0.4
FRF	81.16	320	eP	28 58.60	1.6
	0.8s		13.40nm		5.0mb
LRG	81.28	320	eP	28 59.40	1.9
	0.8s		11.80nm		5.0mb
BRG	81.45	329	eP	29 00.00	1.8
	1.3s		29.00nm		5.2mb
			e	29 16.00	
			e	29 24.00	
CDR	81.76	320	ePc	29 01.20	1.1
GRF	82.09	327	eP	29 59.00	-2.6
LPG	82.15	322	iPc	29 03.20	0.8
	0.9s		7.20nm		4.8mb
CLL	82.18	329	eP	29 02.00	0.0
	1.5s		51.00nm		5.4mb
MOX	82.46	328	eP	29 05.00	1.4
	1.6s		43.00nm		5.3mb
BSF	83.41	324	iPc	29 09.60	1.0
	0.9s		14.40nm		5.2mb
MDJ	83.45	40	Pd	29 08.10	-0.7
CDF	83.46	325	iPc	29 10.00	1.1
HAU	83.75	324	eP	29 11.40	1.1
	0.6s		3.60nm		4.8mb
NUR	83.89	341	eP	29 14.00	3.3X
Z	20s		0.20um		4.5Msz
			eS	39 40.00	
			LR	00 20.00	
SMF	84.48	322	iPc	29 15.00	1.1
	0.8s		8.00nm		5.0mb
LBF	84.57	322	iPc	29 15.60	1.1
	0.8s		14.70nm		5.3mb
IFR	84.59	307	iP	29 16.00	1.0
CAF	84.69	320	iPc	29 17.00	1.9
	0.6s		3.90nm		4.8mb
WLF	84.77	325	Pc	29 16.60	1.4
LOR	84.79	323	iPc	29 16.90	1.4
	0.8s		9.90nm		5.1mb
AVF	84.84	322	iPc	29 17.00	1.3
	0.9s		5.50nm		4.8mb
SSF	84.89	322	iPc	29 17.60	1.6
	0.8s		13.90nm		5.2mb
BGF	85.02	322	iPc	29 18.70	2.0
	1.2s		26.70nm		5.3mb
LPO	85.11	319	iPc	29 19.20	2.1
	1.0s		8.00nm		4.9mb
SUF	85.15	343	iP	29 15.90	-1.0
	0.7s		12.50nm		5.2mb
RJF	85.21	320	iPc	29 19.40	1.8
	0.9s		11.10nm		5.1mb
GRC	85.26	322	iPc	29 17.60	-0.2
MEM	85.36	326	P	29 20.00	1.8
MAL	85.36	310	eP	29 20.00	1.5
LFF	85.52	319	iPc	29 21.10	2.0
	0.8s		10.70nm		5.1mb
MAT	85.57	50	eP	29 19.00	-0.6
	1.2s		31.25nm		5.4mb
LSF	85.66	321	iPc	29 21.70	1.8
	0.8s		8.50nm		5.0mb
DOU	85.85	325	P	29 22.70	2.0
KJF	85.89	344	iP	29 19.80	-0.8
	1.2s		66.50nm		5.7mb
			i	29 26.80	
			eS	39 56.00	
			eSS	45 06.00	
SNF	86.24	325	P	29 24.40	1.8
UCC	86.35	326	P	29 26.00	2.9X
TOL	86.42	313	eP	29 26.00	2.2
LGR	86.47	316	eP	29 29.00	5.0X
MFF	86.85	321	iPc	29 27.50	1.8
	1.2s		17.80nm		5.2mb
MUD	87.11	332	iPd	29 29.40	2.7
	1.3s		85.00nm		5.8mb
SOD	88.68	346	iP	29 33.70	-0.4
KEV	90.49	347	eP	29 36.00	-6.5X
TPZ	119.98	233	ePKP	35 36.00	2.6X
CNCB	124.38	236	ePKP	35 44.00	1.8X
LPB	124.63	236	ePKP	35 44.00	1.5
			LR	19 16.00	
ZOBO	124.80	236	PKPd	35 44.50	1.5
	1.0s		5.00nm		

01d 06h

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      Z  24s      0.28um                4.8MszX
                  LR      16 09.00
INK    126.68     9 ePKP  35 43.00   -1.4
YKA    134.10     1 ePKP  36 00.00    1.3
RSNT   134.11     1 ePKP  36 00.30    1.6
EDM    143.41     0 ePKPd 36 13.00   -3.0X
SES    146.19 357 ePKP    36 20.00   -0.9
PNT    146.91     8 ePKP  36 25.00    3.0X
        0.9s     19.00nm
NEW    148.21     5 ePKP  36 28.00    3.8X
FVM    150.67 321 ePKP    36 30.00    1.8
LRM    150.80 359 ePKP    36 35.50    7.0X
BDW    153.66 354 ePKP    36 34.20    1.5
        0.9s     9.40nm
ALQ    160.69 343 ePKP    36 43.00    1.6
                  e       37 25.00
GSC    161.06     9 ePKP  36 46.00    4.4X
                  e       37 32.00
JCT    161.44 321 iPKP    36 44.30    2.2X
        1.0s     7.50nm
TPC    162.34     8 ePKP  37 38.00   55.1X
GLA    163.51     5 ePKP  36 48.00    3.9X
LTX    164.50 327 ePKP    36 48.50    3.3X
     S.D. = 1.3  on 127 of 146 obs.

?  DEC  01, 1985  06h 56m 02.62± 1.07s
   17.978 S ±20.9km  174.286 W ±18.3km
   DEPTH =  33.0km  (normal)
   4.8mb (  4 obs.)
 TONGA ISLANDS                          (173)

DZM    18.56 254 iPd     00 23.70    4.7X
NOU    18.59 253 iPc     00 25.00    5.7X
BRS    31.72 247 iP      02 31.10    5.3X
CTA    37.30 260 iPd     03 15.30    1.6
        0.8s     11.19nm          4.8mb
WB2    48.46 259 eP      04 43.70   -0.6
                  e       06 21.30
WRA    48.47 259 Pc      04 43.80   -0.6
        0.5s     3.70nm           4.7mb
ASPA   48.55 254 eP      04 45.00    0.0
                  epP     05 06.00   86kmX
WBN    55.02 250 eP      05 33.00   -0.6
SBA    60.63 185 eP      06 13.00    0.8
SPA    72.14 180 iPc     07 25.10   -0.7
        0.7s     7.81nm           4.8mb
COL    85.07   11 eP      08 36.00    0.1
        0.8s     7.09nm           4.9mb
WTS    146.05 359 ePKP   15 42.00    2.3X
        0.9s     11.00nm
                  e       16 00.00
KSP    146.14 348 ePKP   15 42.50    2.6X
CLL    146.24 352 ePKP   15 42.00    1.9X
        1.2s     16.00nm
                  e       16 01.00
PRU    147.29 349 PKP    15 45.50    3.7X
                  e       16 05.70
     S.D. = 1.0  on   8 of  15 obs.

•  DEC  01, 1985  08h 03m 39.92± 2.27s
    4.676 S ±25.8km  145.010 E ± 9.9km
    DEPTH =  33.0km  (normal)
    3.8mb (  1 obs.)
 NEAR N COAST OF PAPUA NEW GUINEA(200)

MDG      0.96 127 eP      03 57.00    0.0
LAT      2.79 135 eP      04 28.00    4.8X
TZZ      3.82 261 eP      04 38.00    0.1
PMG      5.16 156 eP      04 57.00    0.1
CTA     15.37 176 eP      07 27.00   10.9X
WB2     18.39 213 eP      07 54.20    0.1
WRA     18.39 214 Pc      07 54.30    0.1
        0.7s     5 50nm           3.8mb
ASPA    21.71 209 eP      00 30.00   -0.3
     S.D. = 0.2  on   6 of   8 obs.

?  DEC  01, 1985  08h 17m 11.00± 2.14s
   32.064 S ±15.3km  179.286 W ±29.2km
   DEPTH =  33.0km  (normal)
   4.7mb (  2 obs.)
 SOUTH OF KERMADEC ISLANDS              (179)

GNZ      6.92 198 P        18 53.80    1.1
                  (S)     20 00.80
KRP      7.23 215 P        18 56.00   -1.0
CTA     33.03 283 eP      23 53.00    7.5X
ASPA    41.90 269 eP      25 01.00    0.4
WB2     43.08 275 eP      25 09.70   -0.1
WRA     43.09 275 Pd      25 09.90    0.0
        1.3s    13.20nm           4.5mb
SPA     58.11 180 iPc     27 03.00   -0.5
        1.0s    10.00nm           4.8mb
     S.D. = 0.9  on   6 of   7 obs.

•  DEC  01, 1985  08h 27m 25.45± 0.69s
    55.821 S ±12.9km  27.930 W ±18.8km
    DEPTH =  33.0km  (normal)
    5.0mb (  4 obs.)
 SOUTH SANDWICH ISLANDS REGION          (153)

SPA     34.36 180 ePc     34 11.40    0.4
        0.5s    22.22nm           5.3mb
SBA     46.28 184 iP      35 50.00    1.2
        1.0s    16.00nm           4.9mb
ITR     47.67 346 eP      36 01.30    0.9
BUL     54.90  73 iPc     36 55.00   -0.2
KRI     58.16  72 iPc     37 19.00    0.6
MTD     59.26  74 eP      37 25.20   -0.9
BCAO    71.08  50 iPc     38 42.60    0.4
        0.5s    4.08nm           4.7mb
BNG     71.09  50 iPc     38 42.60    0.3
        0.6s    13.00nm           5.2mb
MSZ     78.99 191 P       39 25.80   -1.2
SUF    125.46  27 ePKP    46 26.00    2.9X
YKA    135.72 318 ePKP    46 41.30   -1.4
MBC    143.60 336 ePKP    46 53.00   -3.6X
INK    145.36 321 ePKP    46 57.00   -2.7X
COL    150.06 312 ePKP    47 11.00    3.7X
        0.8s     8.58nm
     S.D. = 1.0  on  10 of  14 obs.

?  DEC  01, 1985  08h 45m 11.97± 1.71s
   49.924 N ±28.7km  179.989 E ±17.6km
   DEPTH =  33.0km  (normal)
   4.5mb (  3 obs.)
 ALEUTIAN ISLANDS REGION                ( 16)

ADK      2.88   46 eP      45 55.50   -1.0
                  eS      46 27.00
PMR     20.70   44 eP      49 53.50    2.0
FBA     22.57   36 eP      50 09.00   -1.2
YKA     36.80   45 eP      52 19.30    1.3
EDM     40.21   59 eP      52 47.00    0.3
BDW     47.50   70 eP      53 45.50   -0.3
LTX     59.66   79 eP      55 14.50   -0.8
SUF     65.80 347 eP       55 55.00   -0.4
        0.6s    2.00nm           4.4mb
NB2     69.02 354 P        56 15.00   -0.8
        0.7s    2.70nm           4.4mb
KBA     82.69 351 iP       57 34.30    0.9
        0.7s    4.90nm           4.7mb
SLR    147.44 307 ePKP     04 53.60    2.2X
     S.D. = 1.2  on  10 of  11 obs.

   DEC  01, 1985  09h 17m 18.03± 0.67s
   42.298 N ± 6.0km   19.939 E ± 5.8km
   DEPTH =  10.0km  (geophysicist)
 YUGOSLAVIA                             (383)
      ML 2.6 (TTG).

PVY      0.30    5 iPgc    17 24.10   -0.2
                  iSg     17 29.00
TTG      0.52  285 ePg     17 27.20   -1.4
                  eSg     17 35.50
IVA      0.57  357 ePg     17 29.70    0.0
                  eSg     17 38.00
ULC      0.61  237 ePg     17 31.00    0.6
                  eSg     17 39.00
BDV      0.82  269 ePg     17 33.70   -0.3
                  eSg     17 46.40
HCY      1.08  278 ePg     17 38.20   -0.1
                  eSg     17 57.30
OHR      1.35  151 iPn     17 43.10    0.2
VAY      2.20  116 ePn     17 54.50   -0.6
VOY      5.73  313 e(Pn)   18 47.00    1.7
                  eSn     19 55.00
     S.D. = 1.0  on   9 of   9 obs.

•  DEC  01, 1985  09h 45m 09.22± 0.73s
   32.494 S ±12.2km  179.653 W ±11.5km
   DEPTH =  33.0km  (normal)
   4.9mb (  3 obs.)
 SOUTH OF KERMADEC ISLANDS              (179)

KRP      6.70 215          46 50.00    2.2
VUN     14.52 353 P        48 26.90   -7.4X
MSZ     15.54 215 e        48 56.50    9.1X
NOU     15.96 306 Pc       48 53.00    0.1
DZM     16.12 307 Pc       48 56.20    1.1
CTA     32.83 284 Pc       51 45.00    1.1
        1.4s    13 95nm           4.7mb
                  S       57 01.00
ASPA    41.64 270 P        52 56.00   -0.2
WB2     42.81 275 ePd      53 04.50   -1.2
WRA     42.82 275 Pd       53 04.60   -1.3
        0.9s    19 50nm           4.8mb
WBN     46.90 263 ePd      53 37.00   -1.5
SPA     57.68 180 ePd      54 57.50   -1.2
        1.0s    20 00nm           5.1mb
TPC     89.24  48 eP       58 04.00    0.8
GLA     89.33  49 eP       58 04.00    0.4
GSC     89.55  47 eP       58 05.00    0.4
KJF    144.01 340 ePKP     04 47.00    4.9X
SUF    145.60 339 ePKP     04 41.00   -3.9X
        0.5s    4.70nm
BNG    147.30 215 ePKPc    04 48.40   -0.8
        0.6s    4 00nm
KIC    153.57 169 ePKP     05 04.90    6.4X
                  e       05 17.50
     S.D. = 1.3  on  13 of  18 obs.

   DEC  01, 1985  10h 17m 56.71± 1.25s
   25.005 S ± 6.0km  170.567 E ± 6.9km
   DEPTH =  37.0 ± 11.6 km
   4.8mb (  3 obs.)
 LOYALTY ISLANDS REGION                 (189)

NOU      4.63 305  Pc       19 05.50   -0.6
                  S       19 58.30
DZM      4.78 307  Pc       19 07.00   -1.4
VUN     10.12  48 eP       20 18.70   -4.0X
KRP     13.56 163 Pd       21 07.00   -1.8
GNZ     14.99 157 P        21 29.10    1.5
BRS     16.15 258 eP       21 43.00    0.4
                  eS      24 57.00
TCW     16.46 170 P        21 46.80    0.4
HNR     18.49 325 ePP      22 12.00    0.1
VSG     18.77 325 eP       22 16.00    0.7
SVO     18.80 325 eP       22 16.00    0.3
                  eS      22 22.00
RMQ     19.70 261 ePP      22 27.00    1.0
MSZ     19.74 186 P        22 23.00   -3.2X
CAN     21.25 236 eP       22 42.50    0.5
YOU     21.35 239 eP       22 43.80    0.9
WAM     21.69 234 eP       22 47.50    1.2
                  23 01.00
CMS     22.70 248 eP       22 57.00    0.6
CTA     22.97 277 iPc      23 01.50    2.4
        1.2s    88 28nm           5.1mb
                  iS      27 16.00
PAA     23.55 320 eP       23 06.00    1.2
STK     26.33 248 eP       23 32.00    1.0
ASPA    33.37 264 eP       24 33.00   -0.9
WB2     33.77 271 eP       24 35.30   -2.1
WRA     33.79 271 Pd       24 35.90   -1.6
        0.6s    4.70nm           4.6mb
WBN     39.56 259 eP       25 25.50   -0.7
MEK     46.59 256 eP       26 21.50   -1.7
SBA     52.94 181 eP       27 10.20   -0.9
SPA     65.14 180 eP       28 26.80   -9.3X
        0.9s    6 82nm           4.7mb
CHG     82.17 295 eP       30 18.50    2.9X
RVR     90.10  52 eP       30 55.00    0.7
PLM     90.15  53 eP       30 55.00    0.2
ISA     90.17  50 eP       30 55.00    0.3
CLC     90.86  51 eP       30 58.00    0.2
TPC     91.11  53 eP       30 59.00    0.6
GSC     91.16  51 eP       31 03.00    3.7X
GLA     91.48  54 eP       31 01.00    0.3
COL     95.22  17 eP       31 17.00   -0.2
SOB1   134.21 134 ePKP     37 12.40   -0.6
                  e       37 22.10
MLR    145.00 315 ePKP     37 31.50   -0.3
KRA    146.21 325 ePKP     37 45.20   11.7X
                  e       37 49.60
BNG    146.22 237 ePKPc    37 33.50   -1.1
        0.9s    17.00nm
                  ic      37 53.10
SPC    146.56 324 ePKP     37 47.60   13.3X
KSP    147.49 329 ePKP     37 38.00    2.5X
SRO    148.41 323 ePKP     37 42.00    5.0X
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			i	37	51.50	
BRG	148.53	331	ePKP	37	40.90	3.7X
	1.1s		12.00nm			
			e	37	52.00	
CLL	148.61	333	ePKP	37	41.00	3.7X
			i	37	51.30	
ZST	148.82	325	ePKP	37	52.30	14.6X
VAY	148.88	309	ePKP	37	41.40	3.4X
PRU	148.89	329	ePKP	37	42.00	4.2X
			e	37	53.00	
SKO	149.41	311	iPKP	37	43.80	5.0X
			i	37	54.00	
MOX	149.69	333	e(PKP)	37	48.00	9.0X
KHC	149.94	329	PKPc	37	45.00	5.6X
			e	37	55.90	
			e	38	12.30	
KBA	151.48	326	ePKP	37	47.00	5.0X
	0.9s		8.80nm			
			i	37	58.40	
			i	38	06.70	
LJU	151.54	324	e(PKP)	37	48.00	6.1X
VOY	151.89	324	ePKP	37	48.50	6.0X
	S.D. = 1.1		on 33 of 53 obs.			

* DEC 01, 1985 11h 41m 28.79± 1.47s
28.655 N ±10.2km 130.230 E ±10.5km
DEPTH = 50.7 ± 15.0 km
4.9mb (1 obs.)
RYUKYU ISLANDS (238)

NZJ	0.70	247	eP	41	42.00	-0.7
			iS	41	51.40	
KAG	2.92	5	eP	42	18.00	4.1X
			eS	42	54.00	
SHK	6.22	19	eP	43	00.00	-0.3
MAT	10.35	38	eP	43	57.00	-0.3
			eS	46	06.00	
NJ2	10.39	292	eP	44	00.00	2.0
TIA	13.38	308	eP	44	38.30	0.4
CN2	15.59	347	Pd	45	09.00	2.3
			eS	48	04.00	
MDJ	15.94	358	eP	45	10.00	-1.1
BJI	16.22	318	eP	45	14.50	-0.1
			ePP	45	30.50	
			eS	48	25.00	
XAN	18.96	292	eP	45	46.60	-2.1
HHC	19.53	313	eP	45	54.00	-1.0
BTO	20.41	311	eP	46	06.50	2.4
GYA	21.00	270	P	46	11.60	1.2
CD2	23.07	282	eP	46	29.10	-1.7
GTA	27.28	301	P	47	08.60	-1.9
WRA	48.48	175	Pd	50	08.70	0.3
	1.3s		16.30nm		4.9mb	
WB2	48.48	175	eP	50	09.20	0.8
MBC	67.06	14	eP	52	18.00	-0.4
YKA	75.58	26	eP	53	14.20	4.7X
	S.D. = 1.5		on 17 of 19 obs.			

DEC 01, 1985 11h 47m 39.51± 0.53s
39.284 N ± 4.0km 27.709 E ± 3.7km
DEPTH = 14.5 ± 3.3 km
4.3mb (30 obs.) 3.5Msz (1 obs.)
TURKEY (366)
ML 4.6 (ATH). Felt in northeastern Greece.

EDC	1.07	6	iPg	47	58.80	-0.4
PRK	1.12	269	iPbd	47	59.50	-0.5
EZN	1.20	297	iPn	48	01.50	0.1
ISK	2.06	30	iPg	48	12.70	-1.3
HRT	2.15	44	iPn	48	13.70	-1.7
YER	2.19	168	iPn	48	14.50	-1.5
DMK	2.54	1	iPn	48	19.90	-0.9
BCK	2.90	128	iPn	48	35.50	9.4X
KDZ	2.96	323	iPd	48	27.00	0.2
			iS	48	55.00	
OUR	3.06	291	iPg	48	27.50	-0.6
			eSg	49	02.50	
ELL	3.07	145	iPn	48	29.00	0.5
PAIG	3.18	283	ePg	48	29.30	-0.6
DIM	3.20	330	iPd	48	30.00	-0.2
			Sg	49	10.00	
JMB	3.29	345	iPc	48	31.00	-0.5
ATH	3.39	249	ePn	48	35.00	2.1
			ePg	48	50.00	
			eSn	49	19.70	
			eSb	49	29.00	

PLD	3.63	322	iPd	48	37.00	0.7
			iSg	49	29.00	
SRS	3.65	301	ePb	48	35.70	-0.9
SOH	3.68	296	ePn	48	36.40	-0.7
			eSb	48	52.90	
MMB	3.81	308	iPd	48	38.00	-1.0
			iS	49	43.00	
THE	3.89	292	ePb	48	39.60	-0.4
LIT	4.11	283	ePb	48	42.10	-1.0
KNT	4.13	299	iPb	48	43.20	-0.3
PVL	4.31	334	iPd	48	46.00	0.1
PSN	4.41	4	iPd	48	47.00	-0.3
KZN	4.69	284	iPnd	48	51.20	-0.3
VTS	4.76	316	iPd	48	52.00	-0.3
BUC1	5.21	347	ePc	49	20.00	21.3X
BUC	5.26	347	eP	49	28.00	28.5X
SKO	5.47	301	iPnd	49	02.00	-0.5
			iSn	50	21.00	
OHR	5.60	291	iPnd	49	04.50	0.2
ISR	5.91	352	ePd	49	10.00	1.3
CSS	6.23	132	eP	49	12.50	-0.6
BRD	6.25	356	ePc	49	15.00	1.7
MLR	6.34	349	iPd	49	14.00	-0.8
ODB	6.50	356	eP	49	17.00	0.0
VRI	6.62	354	iPc	49	18.00	-0.7
CVO	6.63	351	ePc	49	18.00	-0.8
PPE	6.93	359	ePd	49	23.50	0.6
BIR	6.98	360	eP	49	26.00	2.4
GZR	7.11	331	iPd	49	12.50	-13.1X
DEV	7.49	333	ePc	49	29.00	-1.7
BMR	8.92	341	ePd	49	53.00	2.3
SRO	10.91	324	iP	50	17.40	-0.6
			e	53	40.50	
SOP	11.65	320	eP	50	25.10	-3.1X
ZST	11.75	323	eP	50	26.30	-3.1X
			e	53	45.50	
LJU	11.81	309	e(P)	50	25.00	-5.3X
			e	50	30.00	
			e(S)	52	44.00	
KRA	12.10	335	eP	50	34.60	0.5
E	14s		2.80um			
			e	50	42.10	
TRI	12.12	306	eP	50	32.00	-2.5
			i	54	30.00	
VOY	12.19	308	eP	50	35.20	-0.4
			e(S)	52	40.00	
KBA	13.05	311	iPc	50	49.70	2.7
	1.2s		10.40nm		4.9mb	
			e	51	15.00	
KHC	14.11	319	P	51	00.60	-0.2
			e	51	08.60	
PRU	14.20	323	eP	51	00.00	-2.0
Z	10s		0.90um			
N	15s		0.90um			
E	16s		1.50um			
			e	51	09.00	
BRG	15.10	325	iPc	51	18.90	5.2X
	1.2s		15.00nm		4.3mb	
			e	51	30.00	
GRF	15.67	317	eP	51	22.00	0.8
CLL	15.83	324	eP	51	23.00	-0.2
MOX	16.05	320	iP	51	31.00	5.0X
	1.4s		47.00nm		4.4mb	
N	12s		1.40um			
E	14s		1.00um			
			LQ	57	00.00	
			LR	00	00.00	
FRF	16.36	292	eP	51	30.40	0.3
	1.0s		20.00nm		4.2mb	
LMR	16.43	291	eP	51	30.80	-0.1
	1.0s		13.60nm		4.0mb	
LRG	16.55	291	eP	51	32.80	0.3
	1.0s		21.60nm		4.2mb	
LPG	16.66	299	eP	51	34.70	0.5
	0.8s		21.40nm		4.3mb	
CDR	17.01	292	ePc	51	40.90	2.6
CDF	17.29	309	eP	51	43.60	1.7
	0.9s		22.90nm		4.3mb	
BSF	17.36	306	eP	51	46.30	3.5X
	1.0s		9.60nm		3.9mb	
HAU	17.70	306	eP	51	48.40	1.4
WLF	18.49	311	P	51	58.00	1.4
IR2	18.75	94	eP	52	02.00	2.0
LBF	18.90	302	eP	52	00.70	-1.1
	1.0s		20.00nm		4.3mb	
SMF	18.91	301	eP	52	00.90	-0.9
	0.9s		14.70nm		4.2mb	

LOR	19.06	303	eP	52	03.30	-0.3
	1.0s		18.00nm		4.3mb	
ENN	19.13	314	ePc	52	05.00	0.6
	1.0s		20.00nm		4.3mb	
SSF	19.24	302	eP	52	04.70	-1.1
	0.8s		11.20nm		4.2mb	
AVF	19.27	301	eP	52	04.90	-1.3
	0.8s		9.40nm		4.1mb	
WTS	19.28	318	ePc	52	06.00	-0.3
	1.0s		14.00nm		4.2mb	
BGF	19.55	300	eP	52	08.10	-1.4
	0.8s		16.10nm		4.4mb	
DOU	19.59	311	P	52	06.20	-3.7X
	0.8s		20.00nm		4.5mb	
MZF	19.66	299	eP	52	10.00	-0.7
	1.0s		36.00nm		4.6mb	
CAF	19.80	295	eP	52	14.60	2.4
	1.0s		14.80nm		4.3mb	
WIT	19.81	320	eP	52	12.50	0.4
TCF	19.93	299	eP	52	12.60	-0.9
	1.0s		18.00nm		4.3mb	
RJF	20.24	296	eP	52	19.80	3.0X
	0.8s		5.30nm		3.9mb	
LSF	20.38	298	eP	52	21.40	3.1X
	1.1s		20.50nm		4.4mb	
NUR	21.33	356	eP	52	37.00	9.1X
Z	21s		0.20um		3.5Msz	
			LR	27	30.00	
MFF	21.59	299	eP	52	31.50	0.9
	0.8s		24.10nm		4.7mb	
HFS	22.66	342	eP	52	43.40	2.3
	0.6s		6.20nm		4.3mb	
Z	15s		0.34um		3.9MszX	
			LR	20	47.00	
SUF	23.49	358	eP	52	45.00	-4.1X
NB2	24.07	340	P	52	54.10	-0.7
	0.7s		2.10nm		3.8mb	
KJF	24.95	0	eP	53	03.00	-0.3
BNG	35.67	196	iPd	54	38.30	-0.8
	0.9s		16.00nm		4.9mb	
			id	54	40.50	
			id	55	06.00	
BCAO	35.68	196	eP	54	38.10	-1.1
	0.6s		3.09nm		4.4mb	
KIC	43.92	230	eP	55	50.20	2.8
DMN	48.56	86	eP	56	24.60	0.1
	0.8s		29.00nm		5.4mb X	
KKN	48.61	85	eP	56	24.60	-0.2
	0.5s		8.00nm		5.0mb	
PKI	48.82	86	eP	56	26.40	-0.1
	0.8s		7.00nm		4.7mb	
WRA	115.01	96	PKPc	06	25.30	3.4X
	0.5s		0.60nm			
	S.D. = 1.2		on 78 of 94 obs.			

DEC 01, 1985 12h 00m 54.38± 0.54s
42.291 N ± 5.5km 19.945 E ± 4.6km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.6 (TTG).

PVY	0.30	4	iPgc	01	00.70	-0.1
			eSg	01	06.00	
TTG	0.53	285	ePg	01	04.00	-1.0
			eSg	01	12.50	
IVA	0.58	357	ePg	01	06.00	-0.2
			eSg	01	15.00	
ULC	0.61	238	iPgd	01	06.70	0.0
			eSg	01	16.50	
BDV	0.83	270	ePg	01	10.30	-0.1
			eSg	01	24.30	
HCY	1.08	279	ePg	01	14.80	0.1
			eSg	01	30.80	
SKO	1.16	106	ePn	01	16.00	0.0
			iSn	01	37.00	
OHR	1.34	151	ePn	01	19.80	0.7
VAY	2.19	115	ePn	01	30.50	-0.8
VOY	5.74	313	ePn	02	23.30	1.6
			eSn	02	31.50	
	S.D. = 0.8		on 10 of 10 obs.			

DEC 01, 1985 12h 18m 01.27± 0.99s
41.884 N ±11.2km 19.464 E ± 6.0km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.6 (TTG).

01d 12h

ULC	0.18	296	iPgd	18	05.20	-0.1
			eSg	18	10.50	
TTG	0.57	345	ePg	18	12.80	0.1
			eSg	18	24.70	
BDV	0.62	310	ePg	18	13.50	-0.2
			eSg	18	25.70	
PVY	0.80	28	ePg	18	17.00	0.0
			eSg	18	33.50	
HCY	0.91	308	ePg	18	19.00	0.3
			eSg	18	35.00	
OHR	1.27	127	ePn	18	21.00	-3.8X
SKO	1.48	86	ePn	18	27.50	-0.4
VAY	2.40	103	ePn	18	41.50	0.3
KCT	6.92	101	iPn	19	51.70	6.5X

S.D. = 0.3 on 7 of 9 obs.

? DEC 01, 1985 13h 47m 08.56±11.74s
22.784 N ±75.7km 120.513 E ±49.6km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWK	0.50	357	iPd	47	18.70	0.0
TWF1	0.93	51	iPc	47	26.00	-0.3
TWO	1.53	11	eP	47	34.80	-1.2
TWD	1.64	37	eP	47	36.50	-1.1
TWC	2.21	33	iPd	47	46.50	0.8
TATO	2.37	22	e(P)	47	50.10	2.0

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

• DEC 01, 1985 13h 49m 15.18± 0.75s
13.952 S ±11.7km 166.158 E ±17.3km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
VANUATU ISLANDS (186)

HNR	7.56	306	eP	51	06.00	0.1
SVO	7.84	307	eP	51	10.00	0.2
			eS	52	38.00	
VSG	7.85	306	eP	51	09.00	-1.1
			e	52	37.00	
DZM	8.08	178	iPc	51	12.00	-1.3
			iS	52	43.20	
NOU	8.32	178	iPc	51	16.50	0.1
			iS	52	48.00	
SBA	63.91	180	e(P)	59	47.40	0.8
SPA	76.14	180	iPc	01	02.00	0.5
	1.0s		5.00nm			4.5mb
COL	85.94	18	iP	01	52.20	-0.7
	0.8s		7.84nm			5.0mb
SOB1	144.64	129	ePKP	08	49.10	-2.0
BNG	146.70	257	iPKPd	08	56.10	1.5
	1.0s		15.00nm			
			id	09	09.00	
BCAO	146.71	257	ePKP	08	56.00	1.4
	0.9s		6.82nm			
ITR	146.77	131	ePKP	08	55.10	0.4
			e	09	06.10	

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

DEC 01, 1985 13h 55m 10.66± 0.33s
14.374 S ± 6.8km 166.415 E ± 7.6km
DEPTH = 31.0km (3 depth phases)
4.7mb (4 obs.) 4.7Msz (1 obs.)
VANUATU ISLANDS (186)

PVC	3.81	152	iPc	56	03.00	-5.6X
			iS	56	48.50	
DZM	7.66	180	iPc	57	01.70	-1.3
			iS	58	29.20	
NOU	7.89	180	iPc	57	05.50	-0.7
			iS	58	34.50	
HNR	8.01	307	eP	57	20.00	12.1X
SVO	8.29	308	eP	57	11.00	-0.7
VSG	8.30	307	eP	57	10.00	-2.0
VUN	12.12	109	eP	58	06.00	1.7
ALOA	16.18	283	e(P)	59	02.00	4.5X
BRS	18.15	222	iP	59	27.80	5.7X
			eS	02	56.00	
CTA	20.07	251	iP	59	45.00	0.5
	1.9s		113.16nm			4.9mb
	Z 18s		3.30um			4.7Msz
			iS	14	03.30	
RMQ	20.44	231	eP	59	50.00	1.7
MDG	22.24	292	eP	00	08.00	1.4
KRP	24.82	163	P	00	38.00	6.6X
YOU	25.66	216	eP	00	44.40	4.9X
GNZ	26.26	159	P	00	48.00	3.1X
WB2	31.10	255	eP	01	27.20	-1.5
WRA	31.11	255	Pd	01	26.80	-2.0
	0.7s		2.30nm			4.1mb
ASPA	32.03	248	eP	01	36.00	-0.9
WBN	39.01	246	eP	02	37.00	0.6
MEK	46.22	247	eP	03	35.00	0.0
BAG	54.64	302	eP	04	39.00	-0.4
SSE	62.70	317	e(P)	05	37.00	2.0
	N 18s		0.90um			
			eS	13	42.00	
			sS	14	08.00	
SBA	63.49	180	iP	05	40.20	0.6
	1.9s		168.42nm			5.8mb X
IPM	67.50	281	eP	06	10.30	3.9X
			e	06	19.10	28km
MDJ	67.58	332	eP	06	05.70	-0.7
CN2	68.92	329	eP	06	14.00	-0.7
			pP	06	23.00	29km
			S	15	18.00	
BJI	71.47	322	eP	06	30.50	0.2
TIY	72.44	318	eP	06	35.40	-0.8
XAN	72.84	313	eP	06	39.00	0.4
KMI	73.42	302	Pd	06	44.00	1.6
CHG	74.18	295	eP	06	47.50	0.8
HHC	74.78	320	P	06	50.60	0.7
CD2	75.14	308	eP	06	53.00	1.0
			S	16	30.00	
BTO	75.61	319	P	06	56.00	1.4
			epP	07	07.00	36km
			eS	16	27.50	
SPA	75.72	180	iPd	06	55.50	0.6
	1.0s		18.00nm			5.0mb
LZH	77.47	313	eP	07	06.50	1.3
GTA	81.83	314	Pd	07	29.70	1.2
COL	86.27	18	eP	07	48.00	-2.2
PKI	88.80	299	eP	08	04.00	0.3
KKN	88.97	299	eP	08	05.10	0.7
DMN	89.07	299	eP	08	05.90	1.0
EUR	89.73	49	iP	08	06.50	-1.2
	0.6s		1.54nm			4.5mb
WMQ	91.89	315	P	08	17.50	0.2
SUF	124.22	339	iPKP	14	06.80	-0.6
	0.6s		3.40nm			
APO	129.74	343	ePKP	14	15.30	-2.8X
	0.6s		3.30nm			
BRG	137.33	334	e(PKP)	14	47.00	14.2X
	1.4s		17.00nm			
KHC	138.79	333	PKP	14	48.50	12.8X
TRI	141.18	329	ePKP	14	48.80	8.8X
SOB1	144.18	129	ePKP	14	43.10	-3.0X
			e	14	45.50	
LBF	144.33	339	ePKP	14	43.10	-2.4X
GRC	144.36	340	iPKPc	14	45.40	0.0
SSF	144.42	340	ePKP	14	43.80	-1.8
GRR	144.49	345	ePKP	14	41.30	-4.3X
LPG	144.54	335	ePKP	14	44.60	-1.6
SMF	144.67	339	ePKP	14	44.10	-1.9
AVF	144.71	340	ePKP	14	44.20	-1.8
LPF	144.86	345	ePKP	14	44.00	-2.2X
BGF	145.08	340	ePKP	14	45.60	-1.1
MZF	145.47	340	ePKP	14	47.00	-0.4
TCF	145.53	341	ePKP	14	47.20	-0.3
LSF	145.78	341	ePKP	14	47.80	-0.1
CVF	145.88	330	ePKP	14	48.20	0.0
MFF	145.95	343	ePKP	14	48.20	0.0
FRF	146.14	333	ePKP	14	48.80	0.2
LRG	146.35	333	ePKP	14	49.80	0.9
LMR	146.38	333	ePKP	14	49.60	0.6
CDR	146.43	334	ePKPc	14	50.10	1.0
CAF	146.78	340	ePKP	14	52.40	2.8X
BNG	146.84	256	iPKPd	14	52.70	2.1X
	1.6s		221.00nm			
			id	15	03.00	
			id	15	36.10	
BCAO	146.85	256	ePKP	14	52.50	1.9
	1.4s		43.27nm			
			pP	15	03.00	
LFF	147.20	341	ePKP	14	57.90	7.7X
CAI	148.74	130	e(PKP)	14	56.60	3.0X

S.D. = 1.2 on 52 of 72 obs.

DEC 01, 1985 14h 04m 22.71± 0.54s
42.316 N ± 6.3km 19.856 E ± 4.4km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.7 (TTG).

PVY	0.29	17	ePg	04	28.70	-0.2
			eSg	04	34.40	
TTG	0.46	285	ePg	04	31.70	-0.3
			eSg	04	40.00	
IVA	0.56	3	ePg	04	42.50	8.4X
			eSg	05	42.50	
ULC	0.57	232	ePg	04	34.50	0.2
			eSg	04	45.00	
BDV	0.76	268	ePg	04	37.90	0.3
			eSg	04	51.00	
NKY	0.81	308	ePg	04	38.00	-0.4
			eSg	04	51.30	
HCY	1.01	278	ePg	04	42.50	0.6
			eSg	04	59.00	
SKO	1.23	106	iPn	04	46.00	0.5
OHR	1.40	149	ePn	04	47.00	-1.3
VAY	2.26	115	ePn	05	01.30	0.6
VOY	5.67	313	ePnc	05	52.00	2.8X
			iSn	06	59.80	

S.D. = 0.7 on 9 of 11 obs.

• DEC 01, 1985 14h 26m 36.55± 0.81s
28.414 N ±12.7km 140.843 E ±17.1km
DEPTH = 33.0km (normal)
BONIN ISLANDS REGION (212)

CBI	1.77	138	P	27	06.50	1.1
			eS	27	24.00	
MAT	8.40	345	(P)	28	38.00	-1.0
			(S)	29	45.00	
BJI	23.38	306	eP	31	44.00	0.9
			eS	35	49.00	
TIY	25.47	299	eP	32	06.80	3.5X
XAN	27.80	290	eP	32	21.20	-3.5X
BTO	28.01	304	eP	32	26.50	-0.1
CD2	32.23	284	eP	33	05.00	0.9
GTA	35.50	299	eP	33	32.80	0.4
WB2	48.48	188	eP	35	17.20	-0.9
WRA	48.48	188	Pc	35	16.80	-1.3
	1.0s		17.90nm			5.1mb X
NDI	55.26	287	eP	36	09.00	0.0
GBA	60.39	270	P	36	48.00	2.7X
YKA	71.55	28	eP	38	00.50	4.6X
LRM	80.72	43	eP	38	53.90	5.7X

S.D. = 1.1 on 9 of 14 obs.

DEC 01, 1985 15h 32m 16.71± 0.46s
15.044 N ± 8.6km 57.315 E ± 8.3km
DEPTH = 10.0km (geophysicist)
4.5mb (7 obs.)
ARABIAN SEA (417)

GBA	19.55	92	P	36	48.00	0.3
KER	21.32	336	e(P)	37	06.00	-0.1
IR2	21.32	346	(P)	37	05.00	-1.2
NDI	22.87	50	eP	37	23.00	1.4
MTD	40.56	220	iPd	39	58.40	0.1
KRI	41.84	222	eP	40	09.70	0.9
BUL	44.93	220	iPd	40	34.60	0.6
	0.7s		7.53nm			4.7mb
LPG	52.05	316	eP	41	29.80	0.7
	0.8s		5.30nm			4.5mb
SUF	52.42	342	iP	41	32.10	0.8
	0.6s		2.50nm			4.3mb
LBF	54.34	317	eP	41	45.80	0.0
	0.6s		2.70nm			4.5mb
LOR	54.50	318	eP	41	46.90	0.0
	0.8s		6.70nm			4.7mb
SSF	54.67	317	eP	41	48.20	0.1
BGF	54.96	317	eP	41	50.10	-0.2
	0.8s		5.90nm			4.7mb
KIC	61.42	269	eP	42	35.00	-1.0
WRA	83.30	113	P	44	45.00	-0.6
	0.3s		0.20nm			3.8mb
WB2	83.31	113	eP	44	43.70	-1.9

S.D. = 0.9 on 16 of 16 obs.

? DEC 01, 1985 15h 40m 08.99± 0.69s
25.223 S ±24.5km 69.798 E ±17.7km
DEPTH = 10.0km (geophysicist)
4.9mb (4 obs.)
SOUTH INDIAN OCEAN (425)

NDI	54.07	8	eP	49	22.00	-13.9X
BNG	57.81	293	iPd	50	02.50	-0.8
	1.0s		15.00nm			5.0mb
			id	50	09.40	

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BCAO   57.82 293 eP     50 02.30  -1.0
       1.2s     7.99nm          4.6mb
WRA    59.34  99 Pd     50 13.70  -0.2
       1.3s    11.60nm          4.9mb
WB2    59.35  99 eP     50 13.20  -0.8
SPA    64.93 180 eP     50 51.50   0.7
       1.0s    11.50nm          5.0mb
KRA    87.00 330 eP     52 56.60   1.2
                 e      53 01.30
KBA    88.12 325 eP     53 08.50   7.3X
KSP    89.21 329 eP     53 05.50  -0.5
KHC    89.36 327 eP     53 08.20   1.4
GRF    90.89 326 eP     53 20.00   6.1X
     S.D. = 1.1  on   8 of  11 obs.

*  DEC  01, 1985  16h 14m 00.07± 0.53s
    6.160 S ± 9.5km  129.984 E ± 9.4km
    DEPTH =  33.0km  (normal)
    4.7mb (  6 obs.)
 BANDA SEA                          (280)

TLE     2.80  79 iPc    14 43.90   0.4
                 iS     15 11.90
AAI     3.04 324 ePd    14 45.00  -1.9
                 eS     15 51.30
WRA    14.34 163 Pd     17 22.80  -0.1
       0.6s     5.50nm          4.3mb
WB2    14.34 163 eP     17 22.10  -0.8
                 eS     20 00.00
PMG    17.31 102 eP     18 01.00   0.0
CHG    39.39 310 iPd    21 30.20   1.5
       1.0s    12.50nm          4.6mb
CHTO   39.39 310 eP     21 29.90   1.2
       0.9s     8.31nm          4.5mb
                 e      21 38.60
KMI    40.86 321 eP     21 41.50   0.5
BJI    47.70 346 eP     22 34.50  -1.0
PKI    54.57 310 eP     23 28.00  -0.1
       0.6s     5.00nm          4.7mb
KKN    54.78 310 eP     23 29.60   0.0
       0.6s     8.00nm          4.9mb
DMN    54.82 310 eP     23 30.20   0.3
       0.6s     9.00nm          5.0mb
TPZ   148.52 151 ePKP   33 51.00   8.3X
CNCB  151.08 142 PKP    34 06.00  19.1X
     S.D. = 1.0  on  12 of  14 obs.

   DEC  01, 1985  16h 36m 43.85± 0.29s
   44.676 N ± 2.4km    6.673 E ± 4.1km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                             (538)
     ML 3.1 (LDG).

FOUF    0.17 152 P      36 47.30  -0.3
LPG     0.82   4 Pg     36 59.70  -0.3
                 Sg     37 10.40
FRF     1.12 181 Pn     37 04.70  -0.1
                 Pg     37 05.60
                 Sg     37 19.40
CDR     1.19 213 eP     37 06.60   0.5
                 i      37 09.30
                 e      37 20.70
                 eSg    37 21.80
                 i      37 22.30
LRG     1.24 191 Pg     37 07.20   0.3
                 Sg     37 24.20
LMR     1.35 185 Pg     37 09.00   0.4
                 Sg     37 26.40
EMS     1.41   7 eP     37 10.10   0.4
DIX     1.50  20 eP     37 11.90   0.9
MMK     1.65  33 eP     37 14.40   1.2
TMA     2.11  47 eP     37 19.90   0.1
CVF     2.64 142 Pn     37 26.40  -0.9
                 Sn     37 58.20
SMF     2.80 316 Pn     37 29.70   0.2
                 Pg     37 36.30
                 Sg     38 09.30
LBF     2.98 322 Pn     37 32.40   0.3
                 Pg     37 40.10
                 Sg     38 16.80
AVF     3.14 313 Pn     37 34.50   0.2
                 Pg     37 44.10
                 Sg     38 21.40
BSF     3.16   1 Pn     37 34.30  -0.3
LOR     3.25 324 Pn     37 35.80  -0.1
                 Pg     37 45.30
                 Sn     38 11.50
                 Sg     38 25.80
SSF     3.25 318 Pg     37 45.70   9.8X
                 Sg     38 25.90
BGF     3.28 306 Pn     37 36.50   0.2
                 Pg     37 46.40
                 Sg     38 24.40
CAF     3.29 276 Pn     37 35.70  -0.8
HAU     3.34 356 Pn     37 36.50  -0.6
                 Sn     38 15.20
TCF     3.53 299 Pn     37 40.20   0.4
CDF     3.76   6 Pn     37 42.40  -0.8
DOU     5.60 346 Pn     38 08.30  -0.9
                 Sn     39 09.80
     S.D. = 0.6  on  22 of  23 obs.

*  DEC  01, 1985  16h 57m 08.57± 1.01s
   39.572 N ± 8.7km   27.605 E ±10.6km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                             (366)

EDC     0.80  14 iPn     57 25.30   1.2
KCT     0.89  40 iPn     57 25.50  -0.1
EZN     1.02 285 iPn     57 28.00   0.2
ISK     1.86  36 ePn     57 43.50   2.8X
DMK     2.25   3 ePn     57 45.10  -1.3
YER     2.49 167 ePn     57 49.90   0.0
     S.D. = 1.3  on   5 of   6 obs.

   DEC  01, 1985  17h 18m 49.94± 1.30s
   56.990 N ± 6.0km    6.073 W ±11.3km
   DEPTH =  10.0km  (geophysicist)
 UNITED KINGDOM                     (533)
     ML 3.7 (ESK). Felt (IV) at
     Malloig and Arisaig. Felt also
     on the southern part of the Isle
     of Skye.

KYL     0.40  35 iPg     18 58.40   0.2
                 eSg    19 02.20
EAB     1.25 129 iPbc    19 13.70   0.5
                 eSb    19 28.20
ELO     1.40 111 ePbc    19 15.10  -0.4
                 eSb    19 31.10
EBH     1.60 117 ePbc    19 18.30   0.0
EDU     1.74 103 ePbc    19 19.60  -0.8
EAU     1.85 127 iPbc    19 22.10   0.1
EBL     2.08 125 ePn     19 25.10  -0.2
                 eSb    19 49.90
ESY     2.20 118 ePn     19 26.90  -0.1
ESK     2.32 135 iPnd    19 28.70  -0.1
                 iSn    19 54.80
ECK     2.45 136 ePnd    19 30.50  -0.1
XDE     2.89 149 iPnd    19 37.00   0.2
EC8     4.65 185 eP      20 01.50  -0.4
DOU     9.37 133 Pn      21 08.90   1.0
                 e      21 15.60
                 e      22 43.50
     S.D. = 0.5  on  13 of  13 obs.

&  DEC  01, 1985  17h 35m 17.70s
   34.150 N          117.320 W
   DEPTH =   2.0km
 SOUTHERN CALIFORNIA                (  43)
     <PAS-P>. ML 3.4 (PAS). Felt at
     San Bernardino and Rialto.

RVR     0.16 196 iPc    35 21.20   0.2
PEC     0.29 153 iP     35 24.10   0.6
SDW     0.50  24 iP     35 27.40  -0.3
MWC     0.62 277 iPc    35 29.90  -0.1
PAS     0.71 270 iPc    35 31.10  -0.7
PLM     0.88 154 eP     35 34.30  -1.2
TPC     1.06  92 iPc    35 37.80  -0.6
CIS     1.17 231 eP     35 38.80  -1.5
GSC     1.22  20 iPc    35 40.80  -0.5
ABL     1.72 295 iP     35 48.20  -0.8
BCH     2.50 295 eP     36 00.00  -0.2
BLP     2.58 280 eP     35 59.00  -2.2
       12 obs. associated

*  DEC  01, 1985  17h 48m 57.27± 0.99s
   32.328 S ± 9.5km  179.497 W ±15.7km
   DEPTH =  33.0km  (normal)
   5.1mb (  5 obs.)
 SOUTH OF KERMADEC ISLANDS          (179)

GNZ     6.62 197 P      50 32.00  -2.7
KRP     6.91 215 P      50 38.80   0.0
VUN    14.38 352 eP     52 20.00  -0.4
NOU    15.97 305 iPd    52 39.50  -1.6
DZM    16.13 306 iPd    52 43.90   0.7
BRS    24.51 274 iP     54 18.80   3.9X
                 eS     58 41.00
CAN    26.29 255 eP     54 32.20   0.6
WAM    26.35 253 eP     54 34.50   2.4
YOU    26.86 257 eP     54 35.70  -1.1
CTA    32.92 283 eP     55 33.00   2.2
       1.2s    25.00nm          5.0mb
                 iS     18 00.50
ASPA   41.78 270 eP     56 45.00  -0.4
WB2    42.93 275 eP     56 54.20  -0.6
WRA    42.94 275 Pd     56 54.50  -0.4
       1.7s    67.80nm          5.1mb
SBA    46.03 184 iP     57 21.10   2.2
       1.0s    18.00nm          5.0mb
WBN    47.05 263 eP     57 27.00  -0.7
       0.9s    53.00nm          5.5mb
SPA    57.85 180 iPd    58 48.10   0.2
       1.0s    30.00nm          5.3mb
SUF   145.49 339 iPKP   08 32.30  -0.4
       0.8s     6.40nm
BNG   147.51 215 ePKPd  08 38.70   1.2
       1.2s    14.00nm
                 ic     08 45.90
NUR   147.64 338 ePKP   08 35.00  -1.3
NB2   150.43 349 PKP    08 45.80   5.1X
       1.0s     5.80nm
HFS   150.84 346 ePKP   08 46.20   5.0X
       0.7s     1.60nm
KIC   153.71 168 ePKP   08 54.00   7.2X
     S.D. = 1.5  on  18 of  22 obs.

*  DEC  01, 1985  18h 59m 34.46± 0.86s
   17.327 S ±12.5km  178.561 E ±12.8km
   DEPTH =  29.1 ± 14.4 km
 FIJI ISLANDS                       (182)

MBU     0.38  24 iPc    59 44.50   1.4
VUN     0.68 188 iPc    59 48.10   0.3
                 eS     00 09.60
SVA     0.79 187 eP     59 49.50   0.0
                 eS     00 29.60
NMS     0.84 207 iPc    59 46.40  -3.9X
NDE     1.03  45 eP     59 52.00  -1.1
NDF     1.14 248 eP     59 54.30  -0.2
DZM    12.35 246 iPd    02 31.90   0.6
                 iS     03 59.00
NOU    12.43 245 iPc    02 38.50   6.2X
     S.D. = 1.3  on   6 of   8 obs.

   DEC  01, 1985  20h 05m 11.42± 0.28s
   13.770 S ± 5.7km  166.677 E ± 6.5km
   DEPTH =  33.0km  (normal)
   5.3mb ( 13 obs.)
 VANUATU ISLANDS                    (186)

SVO     8.14 304 eP     07 11.00   0.7
                 eS     08 32.00
DZM     8.26 181 iPd    07 13.60   1.6
                 iS     08 51.00
NOU     8.50 181 iPc    07 16.50   1.3
VUN    12.09 112 eP     08 06.80   2.3
BRS    18.76 222 P      09 32.00   1.7
                 eS     13 08.00
PMG    19.61 281 eP     09 42.00   1.9
CTA    20.51 249 iPd    09 50.00   0.4
       1.3s    57.69nm          4.8mb
                 iS     13 37.00
                 i      17 42.20
CTAO   20.51 249 eP     09 50.00   0.4
       1.3s    42.59nm          4.7mb
RMQ    21.02 230 iPc    09 56.20   1.4
MDG    22.26 290 eP     10 08.00   0.7
KRP    25.31 163 eP     10 40.00   3.3X
CMS    26.02 224 eP     10 43.00  -0.3
YOU    26.30 216 eP     10 49.00   3.1X
CAN    26.73 214 eP     11 04.60  14.8X
WAM    27.45 212 eP     10 56.70   0.4
STK    29.20 228 eP     11 12.00  -0.2
WB2    31.50 254 eP     11 30.70  -2.1
WRA    31.51 254 Pc     11 30.50  -2.4
       0.8s     5.10nm          4.4mb
KNA    36.68 262 eP     12 17.00  -0.3
WBN    39.49 246 eP     12 40.20  -0.6
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01d 20h

PMO	43.96	97	iP	13	21.60	4.1X	
	1.4s	150.00nm			5.6mb		
VAH	44.20	98	iP	13	23.20	3.8X	
	1.4s	100.00nm			5.4mb		
TPT	44.23	97	iP	13	23.70	4.0X	
	1.4s	85.00nm			5.4mb		
RUV	44.44	98	iP	13	25.40	4.0X	
	1.4s	110.00nm			5.5mb		
MEK	46.69	246	eP	13	38.50	-0.7	
SSE	62.43	316	eP	15	33.50	-0.3	
SBA	64.09	180	eP	15	42.50	-1.5	
NJ2	64.59	316	Pc	15	48.30	0.4	
WHN	66.88	312	Pd	16	03.00	0.4	
MDJ	67.17	332	Pc	16	04.60	0.4	
IPM	67.63	281	ePd	16	11.20	3.4X	
			e	16	28.40		
SNY	68.09	327	eP	16	11.50	1.4	
TIA	68.24	318	eP	16	10.60	-0.6	
CN2	68.53	329	Pd	16	12.00	-0.8	
			eS	25	14.00		
PSI	69.12	278	ePc	16	16.50	-0.5	
GYA	70.70	305	Pc	16	27.40	0.8	
LOE	71.18	294	eP	16	28.00	-1.5	
NST	72.00	292	eP	16	35.00	0.7	
TIY	72.17	317	Pc	16	35.50	0.4	
XAN	72.62	313	iPc	16	38.20	0.4	
KMI	73.31	302	Pc+	16	43.50	1.2	
CHTO	74.16	294	eP	16	46.60	-0.4	
	1.2s	23.26nm			5.1mb		
HHC	74.49	320	Pd	16	49.60	1.0	
CD2	74.97	308	eP	16	52.10	0.5	
BTO	75.33	319	Pc	16	54.00	0.5	
			eS	26	31.00		
SPA	76.32	180	iPc	16	57.30	-1.4	
	1.0s	7.50nm			4.7mb		
LZH	77.25	312	iPc	17	06.50	2.0	
GTA	81.59	314	iPc	17	28.00	0.3	
LSA	84.57	302	P	17	43.90	0.3	
COL	85.62	18	eP	17	46.00	-1.5	
	0.8s	9.70nm			5.1mb		
PKI	88.74	299	eP	18	04.60	0.7	
	0.7s	28.80nm			5.7mb		
KKN	88.91	299	eP	18	04.80	0.3	
	0.6s	19.00nm			5.6mb		
DMN	89.01	299	eP	18	05.70	0.7	
	0.7s	39.00nm			5.8mb		
EUR	89.15	49	e(P)	18	87.00	1.6	
NEW	91.21	40	eP	18	16.80	2.3	
	0.9s	0.60nm			4.0mb	X	
WMO	91.65	315	Pc	18	17.00	0.3	
HYB	92.29	287	ePc	18	19.70	-0.4	
GBA	92.45	283	P	18	22.00	1.2	
SOD	120.42	343	ePKP	23	54.00	-6.5X	
KJF	122.24	340	iPKP	24	02.40	-1.6	
	0.7s	16.00nm					
SUF	123.75	339	iPKP	24	05.20	-1.8X	
	0.5s	4.10nm					
NUR	125.77	338	iPKP	24	10.10	-0.9	
MTD	126.25	237	iPKPd	24	11.70	-1.7	
BUL	126.74	232	ePKP	24	12.90	-1.4	
	0.8s	5.22nm					
KRI	127.82	236	ePKP	24	15.70	-0.7	
IKZ	128.56	245	iPKP	24	18.00	0.1	
NB2	129.55	345	PKP	24	17.00	-1.3	
	1.0s	5.00nm					
MZZ	131.38	241	iPKP	24	22.50	-0.7	
			e	27	47.00		
			i	27	54.00		
KHC	138.57	333	PKP	24	34.50	-0.9	
KBA	140.00	331	e(PKP)	24	38.00	-0.6	
	1.2s	8.30nm					
			i	24	39.00		
			e	38	23.50		
MEM	140.04	341	PKP	24	39.70	1.5	
LJU	140.18	329	e(PKP)	24	37.00	-1.7	
VOY	140.50	330	e(PKP)	24	38.00	-1.4	
TRI	140.80	330	ePKP	24	38.20	-1.5	
LOR	143.65	340	ePKP	24	41.80	-2.9X	
LBF	143.85	340	ePKP	24	42.10	-3.0X	
CRC	143.88	341	iPKPc	24	41.10	-4.0X	
SSF	143.94	340	ePKP	24	42.90	-2.3X	
LPG	144.10	336	iPKPc	24	43.90	-2.0X	
SWF	144.20	340	ePKP	24	43.20	-2.5X	
AVF	144.23	340	ePKP	24	43.20	-2.5X	
LPF	144.35	346	ePKP	24	44.00	-1.8X	
SOB1	144.36	128	ePKP	24	41.00	-5.9X	
			e	25	40.50		
			e	28	29.30		
BGF	144.60	341	iPKPc	24	44.80	-1.5	
MZF	144.99	341	iPKPc	24	46.30	-0.7	
TCF	145.04	341	ePKP	24	46.30	-0.8	
LSF	145.29	342	ePKP	24	47.00	-0.5	
MFF	145.45	344	ePKP	24	47.30	-0.5	
CVF	145.49	330	iPKPc	24	47.60	-0.4	
FRF	145.72	334	iPKPc	24	48.40	0.1	
LRG	145.93	334	iPKPc	24	49.20	0.5	
LMR	145.96	334	iPKPc	24	49.00	0.3	
RJF	146.14	341	ePKP	24	49.70	0.7	
CAF	146.30	340	ePKP	24	50.30	1.0	
ITR	146.51	131	ePKP	24	49.20	-1.3	
			e	24	52.40		
			e	25	13.90		
LFF	146.71	342	ePKP	24	51.30	1.4	
LPO	146.80	341	ePKP	24	51.60	1.5	
BNG	147.23	257	iPKPc	24	49.80	-1.9	
	0.7s	66.00nm					
			ic	24	53.00		
			id	25	05.00		
BCAO	147.24	257	ePKP	24	49.50	-2.2X	
	1.1s	62.72nm					
MLS	148.37	340	ePKP	24	55.40	2.7X	
EPF	148.55	341	ePKP	24	56.40	3.4X	
EBR	150.47	338	ePKP	25	04.00	8.1X	
	S.D. = 1.1		on	79	of	102	obs.

• DEC 01, 1985 20h 28m 04.73± 1.38s
44.074 N ± 8.8km 114.051 W ±11.7km
DEPTH = 5.0km (geophysicist)
WESTERN IDAHO (33)
ML 3.4 (NEIS).

HPI	0.78	117	eP	28	20.00	-0.6	
CCMT	1.19	45	iPc	28	27.20	-0.3	
TMI	1.73	116	eP	28	36.00	0.2	
LRM	2.08	32	ePn	28	40.80	-0.2	
BUT	2.21	28	ePg	28	46.30	3.6X	
			eSn	29	09.70		
IMW	2.25	93	eP	28	44.10	0.6	
LCCM	2.34	40	ePn	28	45.10	0.4	
HRY	3.07	30	ePn	28	54.80	0.0	
BDW	3.51	110	eP	29	05.00	3.7X	
NEW	4.70	334	eP	29	18.00	0.0	
			eLg	30	35.00		
EUR	4.81	198	iP	29	25.50	5.8X	
	0.2s	5.02nm					
	S.D. = 0.4		on	8	of	11	obs.

DEC 01, 1985 20h 31m 48.97± 0.40s
37.497 N ± 9.1km 56.610 E ± 5.4km
DEPTH = 33.0km (normol)
4.7mb (12 obs.)
IRAN (348)

MHI	2.60	116	iPnc	32	30.10	0.4	
			e	32	33.00		
			eSn	33	09.00		
IR2	4.95	250	eP	33	04.00	0.9	
			eS	34	08.00		
TAB	8.16	277	eP	33	47.00	-1.2	
KER	8.32	251	eP	33	52.00	1.6	
NDI	19.34	111	eP	36	13.00	-1.5	
ELL	21.28	276	eP	36	36.00	1.1	
PSN	22.39	295	eP	36	46.00	0.3	
VRI	23.73	300	eP	37	00.00	1.2	
DIM	24.20	291	eP	37	02.00	-1.4	
MLR	24.21	299	eP	37	06.00	2.4	
DMN	25.88	104	eP	37	19.60	-0.2	
	0.7s	22.00nm			4.9mb		
KKN	25.92	104	eP	37	21.10	1.0	
	0.7s	26.00nm			4.9mb		
VTS	25.97	292	iPc	37	21.00	0.9	
PKI	26.13	104	eP	37	23.50	1.3	
	0.9s	28.00nm			4.9mb		
VAY	26.48	289	eP	37	24.70	-0.1	
KRA	29.00	307	eP	37	55.10	7.5X	
			e	38	01.40		
ZST	30.56	303	eP	38	01.00	-0.6	
SUF	31.37	333	eP	38	13.00	4.6X	
LJU	32.21	299	e(P)	38	16.00	0.0	
VOY	32.65	299	e(P)	38	18.00	-2.0	
TRI	32.75	298	eP	38	19.90	-0.8	
BRG	32.91	308	eP	38	23.00	0.9	
KHC	32.97	305	eP	38	22.50	-0.2	
			e	39	37.50		

MOX	34.36	307	eP	38	36.00	1.4	
SOD	34.36	340	eP	38	34.00	-0.4	
HFS	35.28	324	eP	38	43.00	0.6	
	0.2s	3.20nm			4.9mb		
NB2	36.74	325	P	38	53.00	-1.8	
	0.7s	1.90nm			4.1mb		
LPG	37.67	298	eP	39	02.50	-0.6	
	1.0s	4.00nm			4.2mb		
WLF	37.84	305	P	39	12.60	8.6X	
FRF	37.99	295	eP	39	05.00	-0.4	
	0.8s	9.10nm			4.7mb		
DOU	38.84	306	P	39	16.80	4.4X	
SMF	39.57	301	eP	39	19.70	1.1	
SSF	39.75	301	eP	39	21.10	1.0	
	0.8s	4.50nm			4.3mb		
AVF	39.89	301	eP	39	21.00	-0.2	
	1.0s	8.00nm			4.4mb		
CHG	41.30	105	eP	39	36.50	3.4X	
MLS	42.09	295	iPc	39	38.10	-1.2	
BNG	47.86	236	iPc	40	24.20	-1.6	
	0.7s	13.00nm			5.1mb		
BCAO	47.87	236	eP	40	24.00	-1.9	
	0.9s	6.18nm			4.6mb		
DAG	50.50	343	eP	40	44.00	-1.3	
MBC	66.51	359	eP	42	37.00	0.1	
COL	76.16	10	eP	43	35.00	0.1	
	0.8s	10.07nm			4.9mb		
YKA	80.10	356	eP	43	57.20	0.7	
EDM	89.23	354	eP	44	43.00	0.3	
	S.D. = 1.1		on	38	of	43	obs.

• DEC 01, 1985 21h 29m 41.89± 1.73s
24.267 N ± 7.2km 121.665 E ±17.4km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWD	0.31	233	iPd	29	47.80	-0.5	
			eS	29	52.40		
TWC	0.34	358	iPd	29	48.50	-0.4	
TATO	0.78	334	iP	29	57.10	0.0	
			eS	30	06.90		
TWZ	0.87	343	iPd	29	59.00	0.4	
TWO	0.94	271	iP	30	00.00	0.2	
TWF1	1.05	210	iPc	30	02.00	0.3	
	S.D. = 0.5		on	6	of	6	obs.

• DEC 01, 1985 23h 07m 14.23± 0.61s
27.610 N ±10.8km 140.020 E ±11.1km
DEPTH = 33.0km (normol)
4.4mb (1 obs.)
BONIN ISLANDS REGION (212)

CBI	1.99	105	eP	07	46.00	-0.2	
			eS	08	09.00		
MAT	9.04	351	(P)	09	18.00	-7.4X	
			eS	11	18.00		
BJI	23.29	308	eP	12	19.50	-0.3	
			eS	16	35.00		
			eSS	17	31.00		
WB2	47.59	187	eP	15	48.70	-0.2	
			i	15	59.20		
			i	16	31.30		
WRA	47.59	187	Pd	15	49.20	0.3	
	0.8s	3.40nm			4.4mb		
COL	57.81	29	eP	17	03.90	-0.5	
			pP	17	34.90	130kmX	
YKA	72.60	28	eP	18	40.60	0.8	
DAG	75.04	355	eP	18	54.00	0.2	
			i	19	26.00		
	S.D. = 0.5		on	7	of	8	obs.

• DEC 01, 1985 23h 11m 06.66± 0.74s
42.318 N ± 7.4km 18.918 E ± 6.0km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.7 (TTG).

BDV	0.08	243	ePg	11	08.90	-0.2	
			eSg	11	10.30		
TTG	0.28	66	ePg	11	12.50	0.0	
			eSg	11	17.40		
HCY	0.34	293	ePg	11	13.60	0.2	
			eSg	11	19.50		
ULC	0.43	145	ePg	11	15.50	0.0	
			eSg	11	22.50		
BRY	0.64	335	ePg	11	19.50	-0.2	
			eSg	11	30.00		

OHR 1.85 130 ePn 11 42.00 3.2X
S.D. = 0.2 on 5 of 6 obs.

* DEC 01, 1985 23h 44m 37.41± 2.64s
33.255 S ± 9.2km 71.638 W ±20.5km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

ROCH 0.60 62 iPd 44 47.80 -1.8
iS 45 00.00
TACH 0.71 124 eP 44 51.50 0.1
LNV 0.72 165 iPd 44 50.20 -1.4
iS 45 03.70
PEL 0.81 82 iP 44 52.50 -0.6
iS 45 05.40
SAN 0.84 104 eP 44 54.00 0.3
i 45 11.50
BACH 0.96 96 iPd 44 55.80 0.0
iS 45 15.00
PCH 1.01 112 iP 44 56.50 -0.1
iS 45 17.00
CHCH 1.07 130 iP 44 52.40 -5.1X
i 45 17.90
FCH 1.13 94 iP 44 58.00 -0.8
iS 45 20.00
RTCV 2.96 63 ePc 45 27.00 1.6
RTCB 2.98 54 e(P) 45 25.00 -0.7
RFA 3.04 121 eP 45 29.00 2.5
RTLL 3.30 55 e(P) 45 31.00 0.8
S.D. = 1.4 on 12 of 13 obs.

% DEC 02, 1985 00h 05m 17.54± 0.90s
29.314 S ± 7.5km 67.076 W ±13.4km
DEPTH = 10.0km (geophysicist)
LA RIOJA PROVINCE, ARGENTINA (138)

VCA 1.14 300 iPc 05 39.00 0.0
S 05 54.00
RTLL 2.34 211 ePd 05 55.60 -1.1
RTCB 2.63 214 ePc 06 01.30 0.5
S 06 35.80
RTCV 2.83 206 eP 06 04.40 0.7
FSA 3.35 17 e(P) 06 11.50 0.5
SLA 4.78 18 eP 06 31.00 -0.5
S.D. = 0.9 on 6 of 6 obs.

? DEC 02, 1985 00h 11m 32.21± 3.17s
23.903 N ±16.1km 122.817 E ±23.3km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWC 1.13 309 iPd 11 53.00 -0.3
eS 12 07.50
TWD 1.13 279 iPc 11 52.30 -1.1
TWF1 1.50 249 iP 11 59.10 0.0
TATO 1.61 312 iP 12 02.00 1.2
eS 12 21.70
TWZ 1.64 317 ePd 12 01.30 0.1
ANP 1.74 317 iPc 12 06.50 3.8X
0.7s 328.77nm
eS 12 13.70
TWO 1.85 282 iPd 12 05.00 0.8
SSE 7.31 349 eP 13 20.90 -0.7
S.D. = 1.0 on 7 of 8 obs.

* DEC 02, 1985 00h 18m 42.14± 0.86s
14.042 S ±12.0km 166.198 E ±19.1km
DEPTH = 33.0km (normol)
4.7mb (2 obs.)
VANUATU ISLANDS (186)

SVO 7.92 307 eP 20 39.00 1.1
VSG 7.94 306 eP 20 37.00 -1.2
DZM 7.99 178 iPc 20 38.90 -0.1
NOU 8.23 178 iPc 20 41.50 -0.7
MAT 56.82 333 eP 28 16.00 -9.8X
0.8s 22.39nm 5.2mb
SPA 76.05 180 eP 30 29.50 1.6
0.9s 2.73nm 4.3mb
COL 86.02 18 eP 31 20.00 -0.2
SLR 123.06 226 iPdif 34 02.90 -5.8X
SOB1 144.56 129 ePKP 38 16.70 -1.3
ITR 146.68 131 ePKP 38 22.20 0.7
BNG 146.72 256 IPKPc 38 24.30 2.7X
0.9s 10.00nm
ic 38 34.50
BCAO 146.73 256 ePKP 38 24.00 2.4X
1.0s 3.00nm
S.D. = 1.2 on 8 of 12 obs.

DEC 02, 1985 00h 44m 03.64± 0.49s
26.391 N ± 6.9km 104.953 E ± 6.5km
DEPTH = 33.0km (normol)
4.2mb (6 obs.)
EASTERN CHINA (664)

GYA 1.54 87 Pg 44 30.60 1.4
Sg 44 50.00
KMI 2.36 238 Pnc 44 44.00 2.9X
Pg 44 51.00
Sn 45 19.00
Sg 45 28.00
CD2 4.62 347 ePn 45 14.20 1.2
Pg 45 30.20
GZH 8.31 112 P 46 03.50 -1.2
iS 47 31.50
Lg 48 25.90
XAN 8.36 23 iPc 46 03.30 -2.2
S 47 33.00
Lg 48 10.00
e 48 25.00
QIZ 8.60 147 eP 46 06.60 -2.3
MCO 8.93 117 eP 46 50.40 37.1X
WHN 9.25 61 Pd 46 17.00 -0.7
iS 48 00.50
Lg 48 48.00
i 49 12.00
CHG 9.36 218 eP 46 21.00 1.6
LZH 9.71 355 P 46 25.00 0.7
S 48 08.00
Lg 49 12.50
LSA 12.63 288 P 47 03.70 -0.5
TIY 12.94 27 eP 47 05.50 -2.4
NJ2 13.38 62 Pc 47 13.40 -0.3
iLg 51 12.00
GTA 13.68 343 P 47 15.60 -2.1
BTO 14.78 15 eP 47 31.00 -1.1
eS 50 08.00
Lg 51 38.50
e 51 56.00
HHC 15.43 19 eP 47 35.00 -5.5X
BJI 16.52 32 (P) 47 49.00 -5.3X
eS 50 48.00
eLg 52 41.00
PKI 17.46 278 eP 48 05.20 -1.4
0.7s 12.00nm 4.1mb
KKN 17.58 279 eP 48 06.60 -1.3
0.8s 17.00nm 4.2mb
DMN 17.73 278 eP 48 08.50 -1.4
0.6s 12.00nm 4.2mb
IPM 22.01 190 ePc 48 55.00 -2.0
WMQ 22.32 326 eP 49 01.50 1.6
CN2 24.04 38 Pc 49 17.50 1.0
S 53 26.00
NDI 24.68 282 eP 49 23.50 0.6
WRA 54.17 145 Pd 53 29.90 1.7
0.6s 1.50nm 4.2mb
WB2 54.18 145 eP 53 29.20 1.0
KJF 61.04 331 eP 54 19.00 2.9X
SOD 61.45 334 iP 54 20.70 1.8
SUF 61.80 329 eP 54 27.00 5.8X
0.7s 2.40nm 4.4mb
NB2 69.04 329 P 55 08.50 0.6
0.5s 0.80nm 4.0mb
DAG 71.61 348 eP 55 24.00 0.8
COL 73.36 25 eP 55 35.00 1.5
MBC 74.00 10 eP 55 39.00 1.8
INK 76.35 19 eP 55 51.00 0.3
YKA 85.96 17 eP 56 43.80 2.3
SDV 144.67 352 ePKP 03 38.80 -0.8
i 05 32.90
S.D. = 1.5 on 30 of 36 obs.

? DEC 02, 1985 01h 01m 47.48± 0.70s
13.064 N ±13.5km 87.167 W ±13.8km
DEPTH = 190.0km (geophysicist)
4.5mb (5 obs.)
HONDURAS (72)

TOV 17.34 99 eP 05 39.80 0.2
CAR 19.97 95 iPd 06 07.00 -0.2
0.4s 37.29nm 5.2mb
LTX 22.29 319 eP 06 30.30 0.5
0.7s 5.03nm 4.2mb
e 07 03.10
BHO 22.34 343 eP 06 32.00 1.8
0.6s 4.30nm 4.2mb
TUL 24.04 343 eP 06 46.60 0.1
0.8s 19.60nm 4.8mb
TPZ 40.26 148 iP 09 08.80 0.9
FFC 43.16 347 eP 09 30.00 -0.7
0.7s 13.00nm 4.6mb
SCH 44.62 17 eP 09 42.00 -0.4
YKA 53.10 344 eP 10 46.20 -0.9
WB2 139.69 255 ePKP 20 54.30 -0.8
WRA 139.70 255 PKPd 20 54.70 -0.4
0.5s 4.00nm
S.D. = 0.9 on 11 of 11 obs.

DEC 02, 1985 01h 03m 33.05± 0.54s
27.983 N ± 3.2km 129.506 E ± 3.2km
DEPTH = 34.7 ± 5.0 km
5.1mb (22 obs.) 4.6Msz (1 obs.)
RYUKYU ISLANDS (238)
Felt (III JMA) at Naze.

NZJ 0.39 359 iPc 03 42.20 0.1
iS 03 48.10
NGO 1.94 225 eP 04 05.00 0.7
S 04 37.40
NAH 2.39 223 Pc 04 11.50 0.8
S 04 48.50
MVI 2.64 144 P 04 13.10 -1.1
eS 04 42.00
KAG 3.69 14 eP 04 38.00 8.9X
S 05 19.50
KUM 4.92 12 eP 04 56.00 9.4X
eS 05 52.00
SHK 7.07 22 eP 05 16.50 -0.3
SSE 7.88 295 eP 05 28.00 -0.2
Lg 08 08.00
NJ2 10.08 296 Pc 05 58.00 -0.6
QZH 10.24 255 eP 06 03.00 2.3
OYM 11.12 46 eP 06 11.90 -0.9
SRY 11.26 45 eP 06 14.30 -0.3
MAT 11.27 39 eP 06 14.00 -0.7
DDR 11.46 43 eP 06 20.30 2.9X
TSK 12.16 45 eP 06 26.10 -0.7
CVP 12.44 216 eP 06 26.20 -4.3X
DL2 12.72 331 eP 06 40.00 5.8X
eS 09 00.00
TIA 13.31 311 eP 06 41.60 -0.5
WHN 13.47 285 P 06 46.40 2.2
SNY 14.64 342 iPc 07 03.00 3.6X
eS 09 40.50
CN2 16.12 349 eP 07 22.00 3.4X
eS 10 24.00
BJI 16.31 321 eP 07 23.00 2.0
eS 10 33.00
PGP 16.47 211 ePc 07 19.00 -4.1X
MDJ 16.60 0 eP 07 29.00 4.4X
TIY 17.29 308 eP 07 36.80 3.3X
XAN 18.64 294 eP 07 50.00 -0.1
eS 11 18.00
HHC 19.54 316 eP 08 01.00 0.2
S 11 43.00
PJG 20.25 132 e(P) 08 08.50 0.3
GUMO 20.25 132 e(P) 08 09.60 1.4
GUA 20.32 132 e(P) 08 09.00 0.1
0.9s 127.73nm 5.3mb
GYA 20.37 271 Pc 08 09.60 0.0
BTO 20.38 313 eP 08 10.00 0.4
eS 11 59.00
PPR 20.76 211 ePc 08 15.00 1.5
CD2 22.60 284 eP 08 31.20 -0.7
S 12 34.00
KMI 24.10 269 Pc+ 08 47.50 0.7
E 15s 1.30um
S 13 04.00
KKM 25.20 212 ePd 09 02.50 5.2X
GTA 27.09 303 iPd 09 13.60 -1.0
LOE 27.64 254 eP 09 17.00 -2.6
CHG 29.43 259 iPc 09 35.00 -0.8
0.9s 26.05nm 5.0mb
eS 14 44.00
CHTO 29.43 259 iP 09 35.20 -0.6
0.8s 22.69nm 5.0mb
pP 09 42.90 27kmX
BDT 30.04 256 eP 09 39.20 -2.0
0.6s 4.00nm 4.4mb
NNT 31.73 247 eP 09 56.00 -0.1

02d 01h

LSA	33.54	282	Pd	10	11.40	-0.9
IPM	35.72	235	ePd	10	31.00	0.5
KGM	35.96	229	eP	10	33.50	0.9
WMQ	36.95	307	P	10	40.50	-0.2
PKI	38.86	280	iP	10	56.80	-0.5
KKN	38.93	280	iP	10	57.30	-0.4
DMN	39.11	280	iP	10	59.10	-0.2
PMG	40.91	153	eP	11	14.00	0.2
KNA	43.48	181	eP	11	34.50	-0.2
NDI	45.72	284	iP	11	51.50	-1.3
WRA	47.87	174	Pd	12	09.00	-0.7
	1.2s	41.70nm			5.3mb	
HYB	47.87	269	eP	12	08.90	-1.1
WB2	47.87	174	iPc	12	08.40	-1.4
GBA	50.38	265	P	12	28.80	-0.4
CTA	50.46	159	iPc	12	29.40	-0.2
	1.1s	61.39nm			5.5mb	
CTAO	50.46	159	eP	12	29.60	0.0
	0.8s	37.62nm			5.4mb	
			pP	12	38.00	28kmX
ASPA	51.52	175	eP	12	37.00	-0.7
	1.1s	21.00nm			5.0mb	
POO	51.62	272	iP	12	37.80	-0.9
	0.9s	13.45nm			4.9mb	
WBN	53.88	183	iPc	12	54.90	-0.3
BRS	59.42	156	P	13	33.80	-0.8
DZM	61.23	141	iPc	13	46.00	-1.2
NOU	61.42	141	iPc	13	47.00	-1.3
NWAO	61.69	192	eP	13	48.00	-2.0
COL	61.96	29	eP	13	51.00	-0.5
	0.7s	6.16nm			4.8mb	
RKG	62.84	192	eP	14	00.00	2.4
YOU	64.45	163	iPc	14	08.40	0.1
			i	14	16.90	
CAN	65.60	163	iPc	14	16.10	0.4
			i	14	24.70	
WAM	66.39	163	iPc	14	21.30	0.7
			i	14	29.20	
INK	66.84	24	ePc	14	22.10	-1.0
MBC	67.86	14	eP	14	29.00	-0.5
	0.7s	25.00nm			5.4mb	
KEV	68.23	339	eP	14	37.00	5.1X
SOD	69.26	336	iP	14	37.00	-1.3
KJF	70.09	333	eP	14	42.00	-1.3
	0.6s	13.00nm			5.2mb	
			i	14	51.30	
SUF	71.33	332	iP	14	50.00	-0.9
	0.9s	13.30nm			5.0mb	
NUR	72.94	330	iP	15	00.00	-0.4
	0.7s	18.60nm			5.2mb	
Z	19s	0.30um			4.6Msz	
			LR	50	30.00	
DAG	73.69	353	eP	15	05.00	0.4
UPP	76.31	331	iP	15	19.40	-0.4
YKA	76.46	25	eP	15	21.20	0.5
YKC	76.52	25	ePc	15	20.50	-0.5
	1.3s	28.00nm			5.1mb	
SLL	77.75	333	eP	15	27.00	-0.8
	0.9s	28.10nm			5.3mb	
NB2	78.24	334	P	15	28.90	-1.7
	0.8s	18.20nm			5.1mb	
KRP	78.47	144	P	15	32.00	0.0
JMB	80.35	313	iP	15	42.00	-0.3
KRA	80.45	322	ePd	15	42.90	0.3
			e	15	51.30	
SPC	80.74	321	eP	15	45.80	1.3
DIM	81.20	313	eP	15	48.00	1.2
KDZ	81.56	313	eP	15	51.00	2.4
PNT	81.57	38	eP	15	49.00	0.4
	1.0s	14.00nm			4.9mb	
KSP	81.95	324	eP	15	51.00	0.5
VTS	82.45	314	iPd	15	54.00	0.8
EDM	82.51	33	eP	15	54.00	0.6
SRO	82.57	321	iP	15	57.50	3.7X
MMB	82.63	313	iPd	15	55.00	0.7
ZST	83.03	321	eP	15	56.50	0.3
BRG	83.15	325	eP	15	59.80	3.1X
	1.0s	8.00nm			4.8mb	
			e	16	06.00	
CLL	83.36	326	iP	15	58.30	0.5
			ipP	16	06.80	27kmX
PRU	83.36	324	P	15	58.50	0.7
			e	16	06.50	
VAY	83.51	314	eP	15	58.60	-0.2
SKO	83.89	315	iP	16	01.00	0.3
KHC	84.38	324	iPd	16	03.60	0.5
			e	16	11.30	

MOX	84.46	326	eP	16	04.00	0.6
OHR	84.76	314	eP	16	03.80	-1.3
GRF	85.25	325	eP	16	00.00	-7.4X
SES	85.39	34	eP	16	08.00	-0.1
LJU	85.71	321	eP	16	08.50	-1.2
KBA	85.74	322	eP	16	09.50	-0.6
	0.8s	10.50nm			5.1mb	
			i	16	17.70	
VOY	86.07	321	eP	16	11.40	-0.3
TRI	86.34	321	eP	16	17.40	4.6X
FFC	86.52	27	iPc	16	14.00	0.5
	0.9s	26.00nm			5.5mb	
LRM	87.54	38	eP	16	20.20	1.2
DOU	88.22	328	P	16	21.70	-0.1
EUR	89.34	45	iP	16	28.50	0.8
	1.0s	7.69nm			5.0mb	
CWC	89.77	48	eP	16	37.00	7.3X
CLC	90.44	48	eP	16	34.00	1.3
PLM	92.37	50	eP	16	43.00	1.3
TPC	92.47	49	eP	16	43.00	0.9
BAR	92.89	51	eP	16	46.00	2.0
GLA	93.92	49	eP	16	50.00	1.3
KIC	124.19	301	ePKP	22	38.40	8.0X
NNA	150.67	62	iPKP	23	23.80	5.7X
	1.2s	39.06nm				
HUA	151.88	61	ePKP	23	28.70	8.3X
ITR	157.74	327	ePKP	23	44.50	16.7X
ZOBO	159.96	58	ePKP	23	32.00	1.2
LPB	160.15	59	ePKP	23	34.00	3.2X
			LR	31	23.00	
CNCB	160.40	59	ePKP	23	32.00	0.7
			i	24	13.50	
	S.D. = 1.0	on 105 of 127 obs.				

* DEC 02, 1985 01h 10m 56.28± 2.17s
32.124 N ±18.6km 139.535 E ±12.5km
DEPTH = 19.8 ± 9.4 km
4.5mb (1 obs.)
SOUTH OF HONSHU, JAPAN (211)

HJJ	1.00	12	eP	11	15.00	0.3
			eS	11	28.00	
KYS	3.11	9	eP	11	45.20	0.0
OYM	3.30	356	eP	11	48.70	0.7
SRY	3.48	356	eP	11	51.80	1.3
DDR	3.87	356	eP	11	47.50	-8.7X
TSK	4.10	7	eP	11	58.50	-0.9
MAT	4.54	346	iPc	12	11.10	5.5X
			iS	13	06.30	
SHK	6.22	295	eP	12	27.50	-1.8
SNY	15.99	312	eP	14	50.00	8.4X
WHN	21.56	272	eP	15	47.50	1.0
XAN	25.68	283	eP	16	27.90	1.3
COL	54.10	30	e(P)	20	21.00	-0.5
MBC	61.66	15	eP	21	14.00	-0.6
YKA	68.84	29	eP	22	06.90	5.9X
SOD	68.89	338	eP	22	05.00	3.7X
KJF	70.26	334	eP	22	09.00	-0.7
NB2	78.10	337	P	22	54.80	-0.3
	0.7s	3.20nm			4.5mb	
LRM	78.77	43	eP	22	59.80	0.4
ZOBO	150.36	64	PKPc	30	49.00	5.4X
LPB	150.54	65	PKP	30	55.00	11.3X
CNCB	150.79	65	PKP	30	55.00	10.8X
TPZ	155.14	71	(PKP)	30	46.00	-4.0X
	S.D. = 1.1	on 13 of 22 obs.				

& DEC 02, 1985 03h 22m 38.20s
36.100 N 119.970 W
DEPTH = 6.0km (geophysicist)
CENTRAL CALIFORNIA (39)
<PAS-P>. ML 3.0 (PAS).

PHAM	0.44	233	iP	22	46.00	-1.0
FRI	0.91	13	eP	22	57.20	1.2
BCH	0.92	186	eP	22	53.50	-2.7
ISA	1.29	109	eP	23	01.70	-0.8
ABL	1.39	154	eP	23	01.00	-3.3
BLP	1.58	193	eP	23	04.50	-2.2
	6 obs. associated					

? DEC 02, 1985 05h 14m 56.75± 5.64s
22.860 N ±39.3km 121.580 E ±22.4km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWF1	0.55	332	iPc	15	08.10	0.1
			eS	15	12.20	
TWK	1.08	292	iPd	15	17.20	0.0
TWD	1.21	1	eP	15	19.30	0.0
TWQ	1.57	334	iPc	15	24.50	-0.2
TWC	1.76	8	ePc	15	27.50	0.1
	S.D. = 0.1	on 5 of 5 obs.				

DEC 02, 1985 06h 16m 19.67± 0.63s
42.340 N ± 6.6km 19.925 E ± 4.9km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.5 (TTG).

PVY	0.26	8	iPgc	16	25.00	-0.2
			eSg	16	30.00	
TTG	0.50	281	ePg	16	29.40	-0.4
			eSg	16	39.50	
ULC	0.63	233	ePg	16	32.00	-0.3
			eSg	16	42.00	
BDV	0.82	266	ePg	16	35.80	0.3
			eSg	16	50.00	
HCY	1.06	276	ePg	16	40.20	0.5
			eSg	16	57.50	
SKO	1.18	108	ePn	16	42.00	0.2
OHR	1.39	152	iPn	16	45.00	-0.2
VAY	2.22	116	ePn	17	01.30	4.2X
	S.D. = 0.4	on 7 of 8 obs.				

? DEC 02, 1985 06h 41m 33.24± 3.51s
23.680 N ±11.7km 122.484 E ±31.9km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWD	0.91	296	iPd	41	50.60	0.0
			eS	42	01.50	
TWC	1.09	328	eP	41	53.80	0.1
			eS	42	07.50	
TWG	1.56	237	iP	42	01.00	0.0
			eS	42	21.00	
TATO	1.58	325	e(P)	42	00.80	-0.5
TWZ	1.63	330	iPd	42	02.50	0.4
	S.D. = 0.4	on 5 of 5 obs.				

DEC 02, 1985 07h 14m 36.96± 0.12s
41.158 N ± 2.2km 139.806 E ± 2.4km
DEPTH = 21.9km (5 depth phases)
5.4mb (66 obs.) 5.6Msz (2 obs.)
HOKKAIDO, JAPAN REGION (224)
Felt (IV JMA) at Fukoura and
(III JMA) at Aomori, Honshu.
Felt on Hokkaido.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 26C
Centroid Location:
Origin Time 07:14:40.2 0.3
Lat 41.19N 0.06 Lon 139.41E 0.05
Dep 22.3 2.6 Half-duration 2.1
Moment Tensor; Scale 10**24 D-CM
Mrr= 2.09 0.08 Mtt=-0.19 0.08
Mff=-1.91 0.12 Mrt= 0.10 0.16
Mrf= 0.36 0.18 Mtf= 0.68 0.09
Principal Axes:

	Vol=	2.14	Plg=83	Azm=306
N		0.03	6	162
P		-2.16	4	71

Best Double Couple:Mo=2.1*10**24
NP1:Strike=155 Dip=41 Slip= 81
NP2: 347 49 98

AOM	0.81	114	iPd	14	51.50	-0.8
			iS	15	01.00	
HAK	0.97	47	iPd	14	54.70	-0.3
			iS	15	07.40	
HAC	1.45	115	iPd	15	01.40	-0.6
			iS	15	19.00	
AKI	1.46	171	iPc	15	02.60	0.6
			iS	15	21.80	
MRR	1.46	37	Pd	15	02.40	0.4
			iS	15	25.70	
SUT	1.66	11	Pc	15	06.20	1.1
			S	15	26.40	
MRK	1.79	144	Pd	15	07.50	0.5
			iS	15	30.70	
SAP	2.21	30	eP	15	13.00	0.0
			eS	15	39.00	
MIY	2.24	132	P	15	13.70	0.3

				S	15	42.20						eS	25	21.00		CTAO	61.22	173	eP	24	50.80	-1.7
URA	2.44	65	ePd	15	17.00	0.7	GZH	28.59	239	eP	20	35.00	1.5	DAG	61.57	355	IPd	24	52.50	-1.8			
			eS	15	46.00		HKC	28.62	237	eP	20	32.00	-1.8		0.5s	15.49nm				5.4mb			
OFU	2.56	144	eP	15	19.00	1.1				eS	25	29.00		KJF	62.28	333	eP	24	59.00	-0.2			
			S	15	53.90		BAG	29.73	220	eP	20	42.00	-2.1	SUF	63.75	332	IP	25	00.10	-0.8			
YAM	2.93	172	eP	15	24.00	0.8				eS	25	44.00			0.5s	8.80nm				5.2mb			
			e	16	09.00		GTA	30.38	280	Pc	20	47.50	-2.1	ASPA	64.72	186	eP	25	14.00	-1.6			
ISN	2.96	157	eP	15	24.00	0.4	CD2	30.70	262	eP	20	50.00	-2.4		1.3s	55.00nm				5.5mb			
			IS	16	08.70					S	25	51.00					eS	33	56.00				
OBI	3.09	54	eP	15	28.00	2.5	GYA	30.98	252	P	20	56.00	1.0	NUR	65.74	331	IP	25	21.20	-0.6			
			S	16	02.30		QCP	31.04	217	eP	21	02.00	6.6X		0.5s	16.80nm				5.4mb			
RMJ	3.10	25	eP	15	28.00	2.4	PGP	32.09	216	ePc	20	55.00	-9.6X		Z 16s	1.30um				5.2MszX			
			S	16	04.70		KMI	34.61	254	eP	21	27.00	0.2				eS	34	20.00				
ASA	3.23	35	eP	15	30.00	2.6	E	12s		7.60um							LR	56	30.00				
			S	16	08.00					S	26	42.00		PNT	66.11	45	IPc	25	23.90	-0.5			
AIK	3.36	202	eP	15	30.00	0.7				eS	27	10.00			0.8s	14.00nm				5.2mb			
			S	16	08.70		DAV	36.22	204	eP	21	41.00	0.8	EDM	66.90	39	ePc	25	28.00	-1.4			
FKS	3.44	171	eP	15	35.00	4.6X				eS	27	35.00		DZM	67.60	153	iPc	25	33.80	-0.3			
KUS	3.87	60	eP	15	36.00	-0.5	WMO	38.00	292	Pd	21	54.50	-0.5	RMO	67.81	171	eP	25	35.00	-0.3			
			eS	16	20.00		LSA	40.78	270	eP	22	17.00	-1.8	NOU	67.82	153	iPc	25	35.50	0.1			
ABJ	4.37	48	eP	15	45.00	1.4	CHG	41.31	250	iPc	22	23.00	0.4	NEW	68.06	45	eP	25	35.00	-1.8			
			eS	16	34.00			0.8s	20.52nm			4.9mb		WBN	68.07	193	IPc	25	36.50	-0.4			
WAJ	4.39	212	eP	15	45.00	1.1				eS	28	32.00			0.9s	105.00nm				6.0mb			
			eS	16	39.00		CHTO	41.31	250	iP	22	22.80	0.2	NDF	68.22	141	ePd	25	49.10	11.2X			
WAK	4.47	17	eP	16	03.00	18.0X		0.9s	24.08nm			4.9mb		MFW	68.80	47	P	25	41.40	0.0			
			eS	16	48.00		NST	42.62	245	eP	22	24.60	-8.7X	BRS	69.25	168	P	25	49.10	4.9X			
UTS	4.61	179	eP	15	50.00	2.9X	TTA	42.83	37	eP	22	34.90	0.3				eS	34	47.00				
			e	16	44.00		SVW	43.07	40	eP	22	37.60	1.0	WDC	69.62	54	iPc	25	46.10	-0.4			
NGN	4.66	196	eP	15	53.00	5.1X	BRW	43.16	25	e(P)	22	36.60	-0.5				i	25	54.80				
			eS	16	43.00		IMA	43.84	33	eP	22	42.50	-0.3	SLL	69.89	335	eP	25	45.80	-0.7			
MAT	4.77	196	iPc	15	49.50	0.1		0.9s	30.20nm			5.1mb			0.4s	5.10nm				5.0mb			
	0.5s	105.63nm					PMS	45.98	39	eP	22	59.80	-0.1	SES	69.81	40	eP	25	46.00	-1.5			
			iS	16	42.60		PMR	46.13	39	P	23	00.10	-0.9	ORV	70.88	54	iPc	25	53.00	-1.2			
MIT	4.80	174	eP	15	52.00	2.3	PME	46.18	39	eP	23	01.50	0.1				i	26	01.80				
			eS	16	50.00			0.8s	18.80nm			5.1mb		FFC	70.92	33	iPc	25	53.20	-0.9			
TSK	4.94	177	eP	15	54.10	2.3	KKN	46.19	271	eP	23	02.20	0.0		2.0s	138.00nm				5.7mb			
KMG	5.01	184	eP	15	58.00	5.2X	PKI	46.21	271	eP	23	02.40	-0.1	LRM	72.08	44	eP	25	56.90	-4.7X			
			eS	16	05.70			0.9s	23.00nm			5.1mb		JAS1	72.55	55	iPc	26	03.80	-0.4			
DDR	5.17	186	eP	15	59.20	4.1X	COL	46.34	34	iPc	23	02.90	0.2				e	26	11.20				
SRY	5.56	184	eP	16	04.90	4 4X		1.0s	165.00nm			6.0mb		MPI	73.11	46	P	26	07.00	-0.8			
KOF	5.57	191	eP	16	07.00	6.3X	F8A	46.34	34	ePc	23	03.00	0.3	MRWA	73.41	202	eP	26	08.50	-0.6			
			eS	17	16.00		DMN	46.41	271	eP	23	04.00	-0.1	FRI	73.58	55	eP	26	09.40	-0.7			
OYM	5.75	185	eP	16	06.00	2.8		0.8s	35.00nm			5.4mb		MNA	73.61	53	eP	26	10.70	0.2			
KYS	5.96	177	eP	16	10.10	4.0X	TDA	47.44	38	e(P)	23	12.00	0.5	TMI	74.03	46	P	26	13.60	0.6			
MIS	6.08	187	eP	16	12.00	4.3X	KSH	47.71	290	Pc	23	17.00	3.0X				pP	26	21.20	24km			
HMM	6.65	195	eP	16	23.00	7.2X	MKS	49.77	207	ePd	23	30.00	0.2	IMW	74.16	45	P	26	14.40	0.6			
SHK	8.69	223	iPd	16	46.00	1.7	IPM	50.30	234	ePd	23	34.90	0.9	EUR	74.24	51	iP	26	13.00	-1.3			
CN2	10.93	289	Pc	17	16.00	0.9	PMG	50.77	171	eP	23	37.00	-0.4		1.0s	7.69nm				4.7mb			
SNY	12.19	278	Pc	17	33.80	1.6	INK	51.33	28	iPc	23	40.20	-0.9	VRI	74.80	318	ePc	26	17.00	-0.1			
			eS	19	57.00			0.6s	530.00nm			6.6mb X		CWC	74.94	55	eP	26	17.00	-1.3			
BJI	17.97	274	P+	18	49.00	2.0	NDI	51.79	277	iPc	23	44.00	-1.3	KRA	75.00	325	iPc	26	18.20	0.1			
Z	17s	9.20um						1.0s	20.00nm			5.0mb			0.6s	620.00nm				6.8mb X			
			epP	18	55.00		MBC	52.94	17	eP	23	52.00	-1.3	Z	18s	7.30um				6.0Msz			
			ePP	19	05.00			1.0s	56.00nm			5.4mb		N	18s	4.50um							
			eS	22	10.00		KUPT	53.19	200	eP	23	46.00	-9.7X	E	18s	4.30um							
			esS	22	22.00		VSG	53.41	155	P	23	56.00	-1.3				e	26	23.20				
			eSS	22	39.00		ALE	56.08	3	iPc	24	15.00	-1.1	ISA	75.19	56	eP	26	20.00	0.4			
SSE	18.05	242	P+	18	48.00	0.1		1.3s	66.00nm			5.5mb		KLB	75.20	199	IPd	26	18.90	-0.5			
	1.4s	156.00nm				5.0mb	HSP	57.14	347	eP	24	23.00	-0.8	MLR	75.46	318	ePd	26	21.00	0.0			
Z	13s	17.10um					HYB	57.20	265	eP	24	24.00	-0.9	YOU	75.48	173	eP	26	21.20	0.3			
N	18s	28.80um					KNA	57.53	193	eP	24	26.00	-1.0	SPC	75.50	324	eP	26	22.10	0.8			
E	17s	6.30um					OUE	58.62	284	iPc	24	33.90	-1.0	DUG	75.60	49	P	26	22.20	0.2			
			S	22	11.00			1.2s	1109.38nm			6.8mb X		CLC	75.63	55	eP	26	21.00	-1.1			
TIA	18.37	262	eP	18	53.00	1.1				eS	32	40.30		BDW	75.65	45	P	26	21.80	-0.6			
			pP	19	00.00		KEV	59.15	338	eP	24	38.00	0.1		1.5s	61.43nm				5.4mb			
NJ2	19.08	248	Pd	19	01.00	0.4	Z	16s	4.40um			5.7MszX		ADE	75.76	181	IPd	26	23.00	0.5			
HHC	21.28	279	Pc	19	24.20	0.0				e	24	49.00		KSP	75.95	327	iPc	26	23.50	-0.1			
			pP	19	30.00	21km				eS	32	48.00		NOP	76.32	54	P	26	26.20	0.2			
			S	23	19.00					LR	54	22.00		MWC	76.38	56	eP	26	26.00	-0.5			
TIY	21.38	270	eP	19	24.80	-0.4	POO	60.06	269	iP	24	44.40	-0.5	GSC	76.46	55	eP	26	26.00	-0.8			
ANP	22.02	229	eP	19	25.00	-6.7X	GBA	60.41	262	Pd	24	45.60	-1.6	CAN	76.57	172	eP	26	27.10	0.0			
BTO	22.48	278	Pc	19	35.50	-0.7		0.8s	15.10nm			5.2mb		PSZ	76.59	323	IP	26	28.00	0.7			
			pP	19	42.00	23km	BOM	60.63	270	eP	24	41.00	-7.6X	NWAO	76.60	199	eP	26	27.60	0.3			
WHN	23.11	251	eP	19	48.60	-1.7				eS	33	03.00		Z	23s	0.30um				4.5MszX			
			IS	23	53.00		SOD	60.69	336	iP	24	47.70	-0.7	BRG	76.88	328	iPc	26	28.60	-0.2			
OZH	23.94	234	eP	19	49.00	-1.3				i	24	56.20			2.0s	85.00nm				5.4mb			
			S	24	07.00		YKA	60.89	31	eP	24	49.40	-0.5				i	26	35.00				
XAN	25.39	264	eP	20	03.00	-1.3	RSNT	60.91	31	P	24	48.80	-1.1				i	27	14.00				
			pP	20	09.00	21km	YKC	60.95	31	ePc	24	49.00	-1.3				e	29	50.50				
PJG	27.82	169	e(P)	20	24.10	-2.5		1.3s	40.00nm			5.4mb		CLL	76.91	329	eP	26	29.00	0.1			
GUMO	27.82	169	e(P)	20	23.10	-3.5X	WB2	61.00	186	iPc	24	49.00	-1.9		2.2s	150.00nm				5.6mb			
GUA	27.87	169	e(P)	20	36.00	8.8X				i	24	55.30		RVR	76.96	56	eP	26	28.00	-1.5			
	0.8s	149.25nm				5.8mb	WRA	61.00	186	Pd	24	49.60	-1.4	PRU	77.33	327	Pc	26	31.80	0.5			
CVP	28.02	219	eP	20	28.00	-0.4		0.5s	20.20nm			5.5mb			2.1s	130.40nm				5.6mb			
	1.0s	83.00nm				5.4mb	CTA	61.22	173	iPc	24	50.80	-1.7		Z 13s	3.00um				5.8MszX			
LZH	28.41	272	iPd	20	31.50	-0.6		1.4s	50.00nm			5.5mb			N 13s	1.50um							
			pP	20	37.00	19km				iS	33	10.00			E 13s	2.50um							

02d 07h

SRO		77.38	324	iP	26	32.00	0.4
				i	26	39.80	
WAM		77.42	172	ePz	26	33.00	1.3
ZST		77.63	325	iP	26	33.80	0.9
PLM		77.70	56	ePz	26	34.00	0.1
TPC		77.71	55	ePz	26	33.00	-0.7
VKA		77.91	325	iPc	26	35.20	0.7
		2.4s	269.00nm			5.9mb	
	Z	13s	2.10um			5.6MszX	
DIM		78.07	316	ePz	26	37.00	1.5
HRI		78.22	304	ePz	26	36.00	-0.6
SOP		78.25	325	iPc	26	37.00	0.6
		1.4s	92.40nm			5.6mb	
BAR		78.26	57	ePz	26	35.00	-1.8
KHC		78.39	327	iPc	26	37.50	0.3
		1.5s	53.50nm			5.4mb	
				e	27	04.50	
KDZ		78.48	316	iPd	26	40.00	2.2
PLD		78.49	317	ePz	26	39.00	1.2
WTS		78.64	333	ePz	26	38.00	-0.4
		1.0s	18.00nm			5.1mb	
WET		78.66	328	iPc	26	39.10	0.4
		2.0s	141.00nm			5.7mb	
EKA		78.84	339	P	26	40.00	0.6
		0.6s	6.60nm			4.8mb	
GRF		78.89	329	iPc	26	40.60	0.7
		1.9s	267.00nm			5.9mb	
	Z	21s	0.90um			5.1Msz	
VTS		78.96	318	iPc	26	41.00	1.0
GLA		79.17	56	eP	26	42.00	0.2
MMB		79.37	317	iPd	26	44.00	1.4
JER		79.55	303	iPd	26	43.30	-0.6
ENN		79.98	332	ePz	26	46.00	0.4
		1.0s	22.00nm			5.1mb	
MEM		80.08	332	P	26	46.70	0.5
FUR		80.09	328	iPc	26	46.90	0.5
KBA		80.10	326	iPc	26	46.50	-0.2
		1.3s	55.00nm			5.4mb	
			i(PP)		29	53.00	
GLD		80.11	45	P	26	47.40	0.6
		1.8s	153.85nm			5.7mb	
VAY		80.16	317	eP	26	47.40	0.6
SKO		80.25	318	iP	26	48.00	0.7
				eS	37	01.00	
PRNI		80.64	302	ePz	26	50.00	0.4
VOY		80.69	325	ePz	26	48.60	-1.1
				e(PP)	29	45.00	
SNF		80.76	333	P	26	51.60	1.8
WLF		80.81	332	Pc	26	50.30	0.2
TRI		81.00	325	iP	26	50.40	-0.8
DOU		81.00	333	Pc	26	51.60	0.5
OHR		81.21	318	ePz	26	52.10	-0.4
CDF		81.44	330	iPc	26	53.50	-0.1
		1.0s	16.00nm			5.0mb	
OSS		81.74	328	ePc	26	55.40	0.1
LLS		82.05	328	ePc	26	57.00	0.1
BSF		82.10	330	iPc	26	56.90	-0.2
		1.0s	12.00nm			4.9mb	
HAU		82.13	331	iPc	26	56.80	-0.3
		1.0s	9.60nm			4.8mb	
VDL		82.17	328	ePc	26	57.90	0.4
TMA		82.72	328	ePc	27	00.00	-0.4
ALQ		82.87	49	P	27	01.80	0.4
DIX		83.32	325	eP	27	03.80	0.2
EMS		83.52	329	ePz	27	04.40	-0.1
FIR		83.62	325	ePz	26	58.00	-6.8X
LOR		83.66	332	iPc	27	04.80	-0.2
		1.1s	30.20nm			5.4mb	
LBF		83.85	331	iPc	27	05.70	-0.3
		0.8s	13.40nm			5.2mb	
GRC		83.91	332	iPc	27	06.20	0.0
SSF		83.96	332	iPc	27	06.50	0.0
		0.9s	17.00nm			5.3mb	
LPG		84.06	329	ePz	27	07.50	0.1
		1.2s	39.80nm			5.5mb	
SMF		84.19	331	iPc	27	07.60	-0.1
		1.0s	24.00nm			5.4mb	
AVF		84.25	332	iPc	27	07.90	0.0
		1.2s	53.50nm			5.6mb	
GRR		84.29	335	iPc	27	08.00	-0.1
		1.0s	25.60nm			5.4mb	
BGF		84.63	332	ePz	27	09.90	0.1
		1.3s	30.30nm			5.4mb	
LPF		84.67	335	iPc	27	10.20	0.2
		1.1s	26.30nm			5.4mb	
MZF		85.01	332	iPc	27	12.30	0.5
		1.2s	75.50nm			5.8mb	

TCF		85.08	332	iPc	27	12.30	0.1
		1.2s	36.80nm			5.5mb	
KRP		85.21	152	P	27	14.00	1.4
LSF		85.36	332	iPc	27	13.70	0.2
		0.9s	26.20nm			5.5mb	
MFF		85.62	334	iPc	27	15.10	0.3
		1.0s	40.00nm			5.6mb	
FRF		85.72	328	ePz	27	15.00	-0.3
		1.0s	13.60nm			5.1mb	
LRG		85.92	328	ePz	27	16.30	0.0
		1.2s	17.80nm			5.2mb	
LMR		85.96	328	ePz	27	16.30	-0.2
		1.1s	26.30nm			5.4mb	
CDR		85.97	328	ePz	27	17.10	0.5
				e	27	22.80	
RJF		86.18	332	ePz	27	18.10	0.5
		1.0s	24.00nm			5.4mb	
CAF		86.31	331	iPc	27	19.10	0.8
		1.2s	50.50nm			5.6mb	
LFF		86.77	332	ePz	27	21.40	0.9
		1.0s	41.60nm			5.6mb	
LPO		86.83	332	ePz	27	21.50	0.7
		1.1s	39.00nm			5.5mb	
OCO		87.35	43	e(P)	27	24.00	0.5
TUL		87.91	42	ePz	27	25.80	-0.3
		0.8s	17.50nm			5.4mb	
				e	28	34.40	
RLO		88.09	41	eP	27	26.50	-0.6
MLS		88.36	331	ePKP	27	32.60	4.4X
				e	27	37.40	
				e	27	43.50	
LTX		88.56	51	P	27	29.40	-0.1
		1.7s	34.78nm			5.4mb	
MNT		88.69	23	ePz	27	30.00	0.3
BHO		89.58	42	ePz	27	34.00	-0.1
JCT		89.94	48	iP	27	35.80	-0.1
		1.6s	58.33nm			5.6mb	
SLR		122.21	263	iPKPc	33	31.50	-0.4
KIC		122.63	317	ePKP	33	32.30	-0.5
SPA		130.97	180	ePKPd	33	41.80	-5.6X
		0.5s	9.26nm				
CAI		145.41	355	ePKP	34	15.50	0.3
ZOBO		145.42	52	ePKP	34	14.40	-1.4
		1.8s	50.51nm				
	Z	23s	0.38um			5.1MszX	
				LR	24	30.00	
LPB		145.64	53	PKPc	34	18.00	2.0
				LR	22	24.00	
CNCB		145.92	53	iPKP	34	17.50	0.8
ITR		147.70	357	e(PKP)	34	16.00	-2.9X
				e	34	20.60	
				e	34	26.60	
				e	34	51.90	
ITR		147.70	357	ePKP	34	20.60	1.7
SOB1		148.18	1	ePKP	34	21.60	1.9
				e	34	29.00	
TPZ		150.84	55	PKP	34	26.00	2.0
		S.D. = 1.0		on 221 of 248 obs.			

& DEC 02, 1985 08h 23m 34.84s
62.254 N 149.258 W
DEPTH = 43.5km
CENTRAL ALASKA (1)
<AGS-P>.

GHO		0.51	162	iP	23	45.59	-0.4
				iS	23	53.65	
SML		0.62	135	iP	23	47.05	-0.4
				iS	23	57.06	
PME		0.64	170	iP	23	46.89	-0.7
				iS	23	56.33	
PLRM		0.67	175	iP	23	47.09	-0.9
				iS	23	56.70	
PWA		0.67	206	iP	23	47.36	-0.7
KNK		0.93	155	iP	23	51.05	-0.6
				iS	24	03.02	
SCM		1.00	114	iP	23	52.56	-0.2
PMS		1.02	188	iP	23	52.19	-0.8
SUA		1.06	222	iP	23	53.05	-0.5
				iS	24	07.32	
SKT		1.10	257	iP	23	53.24	-0.9
CFI		1.29	146	iP	23	56.42	-0.2
PTE		1.40	175	iP	23	57.80	-0.4
				iS	24	16.10	
TOA		1.46	95	eP	24	00.31	1.2
				iS	24	21.85	
FWL		1.47	162	eP	23	58.80	-0.5

CGLM		1.62	235	iP	24	01.38	0.0
CRP		1.70	236	eP	24	02.92	0.3
SPU		1.71	232	iP	24	02.67	-0.1
				iS	24	24.38	
GLI		1.72	142	iP	24	02.74	-0.1
KLU		1.76	114	iP	24	03.54	0.1
				iS	24	26.34	
VZW		1.76	132	iP	24	03.35	-0.1
MPA		1.77	182	eP	24	02.88	-0.6
				iS	24	24.82	
SLKM		1.81	195	iP	24	04.02	-0.1
LOU		1.96	156	iP	24	05.99	-0.2
FID		2.01	137	iP	24	06.87	-0.1
				iS	24	34.32	
KNIM		2.05	158	eP	24	06.88	-0.6
RDT		2.27	223	eP	24	10.01	-0.6
				iS	24	37.17	
MTU		2.40	160	eP	24	14.42	1.8
SGAM		2.63	130	eP	24	17.74	2.0
GLB		2.71	105	eP	24	17.04	0.1
BALM		3.52	107	eP	24	27.98	-0.5
WAX		3.58	118	eP	24	28.82	-0.5
YAH		4.09	114	eP	24	34.99	-1.7
		32 obs. ossocioted					

DEC 02, 1985 09h 53m 37.85± 0.93s
30.795 S ± 4.8km 71.645 W ±13.3km
DEPTH = 33.0km (normol)
NEAR COAST OF CENTRAL CHILE (135)

ROCH		2.24	166	iP	54	14.50	1.0
PEL		2.48	161	iPd	54	17.10	0.2
RTCB		2.54	107	iPc	54	17.90	0.2
				S	54	48.20	
BACH		2.73	159	iP	54	20.70	0.3
				i	54	55.00	
FCH		2.78	156	eP	54	21.70	0.5
CFA		3.03	106	ePd	54	24.60	0.0
				S	55	04.00	
LNV		3.16	176	iPd	54	25.60	-0.8
				iS	55	05.20	
CHCH		3.24	165	iPc	54	27.60	0.0
				i	55	04.70	
VCA		3.63	57	ePc	54	34.80	1.6
				S	55	18.80	
RFA		4.78	147	iPd	54	48.00	-1.5
				(S)	55	13.00	
SLA		8.14	44	eP	55	34.80	-1.9
VBA		10.77	135	ePd	56	07.20	-5.7X
CNCB		14.32	14	eP	57	02.00	1.2
LPB		14.56	14	ePz	57	03.00	-0.9
ZOBO		14.81	13	ePz	57	07.40	0.1
		S.D. = 1.1		on 14 of 15 obs.			

DEC 02, 1985 10h 09m 25.69± 0.78s
45.679 N ± 9.5km 10.687 E ± 4.9km
DEPTH = 10.0km (geophysiclst)
NORTHERN ITALY (545)
ML 3.3 (LDG), 3.2 (KBA).

SCE		1.53	27	iPgc	09	52.90	-0.4
TRI		2.16	88	iP	10	07.90	5.8X
				i	10	35.40	
VOY		2.27	80	ePn	10	04.00	0.1
				iPg	10	08.20	
				iSn	10	31.30	
				iSg	10	38.00	
KBA		2.31	52	iPnd	10	08.20	3.6X
				iPg	10	11.20	
				iSg	10	36.70	
CEY		2.62	87	iPg	10	14.80	6.0X
				iSg	10	48.30	
LJU		2.71	81	ePg	10	17.00	6.9X
		0.9s	170.00nm				
				e(Sn)	10	43.00	
				eSg	10	51.50	
LPG		2.77	268	Pn	10	11.30	0.1
				Sn	10	42.50	
MOF		3.27	313	ePn	10	18.60	0.5
ROF		3.29	309	ePn	10	18.60	0.3
BSF		3.44	310	Pn	10	20.90	0.5
				Sn	11	01.20	
CDF		3.59	321	Pn	10	22.90	0.2
				Sn	11	04.60	
				Sg	11	20.50	
HAU		3.78	310	Pn	10	25.50	0.2
				Sn	11	07.20	

KHC 3.97 29 ePg 10 22.50 -5.5X
eSg 11 11.10
LBF 4.83 288 Pn 10 39.70 -0.5
Sn 11 35.10
Sg 12 00.90
SMF 4.85 284 Pn 10 40.10 -0.4
Sn 11 33.40
LOR 4.98 291 Pn 10 41.50 -0.7
SSF 5.16 288 Pn 10 44.30 -0.5
AVF 5.21 285 Pn 10 44.90 -0.6
BGF 5.52 282 Pn 10 49.20 -0.7
MZF 5.68 278 Pn 10 53.30 1.2
TCF 5.94 279 Pn 10 55.50 -0.3
DOU 6.03 319 Pn 11 06.50 9.6X
CAF 6.13 266 Pn 10 59.30 0.8
S.D. = 0.6 on 17 of 23 obs.

& DEC 02, 1985 11h 46m 21.36s
60.124 N 153.168 W
DEPTH = 127.4km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM 0.19 72 iP 46 38.64 1.1
iS 46 52.36
RDT 0.59 40 iP 46 40.47 -0.6
NNL 0.94 94 eP 46 44.79 1.0
iS 47 02.12
NKA 1.14 56 iP 46 46.69 1.0
eS 47 04.31
SPU 1.19 27 iP 46 45.47 -0.9
CRP 1.25 23 iP 46 46.42 -0.6
iS 47 06.72
CGLM 1.32 25 iP 46 46.83 -0.9
SLKM 1.52 74 iP 46 48.97 -0.9
SVW 1.56 310 iP 46 48.36 -2.0
SUA 1.79 40 iP 46 52.42 -0.8
iS 47 17.23
MPA 1.93 77 iP 46 53.98 -0.8
SKT 2.03 22 eP 46 54.87 -1.1
PMS 2.10 56 iP 46 55.51 -1.4
PTE 2.18 68 iP 46 55.84 -2.0
PWA 2.22 45 eP 46 57.97 -0.4
PWL 2.50 71 eP 47 00.47 -1.6
KNK 2.65 59 eP 47 01.62 -2.3
iS 47 33.38
GHO 2.65 50 eP 47 01.61 -2.4
iS 47 33.45
KNIM 2.72 83 eP 47 03.31 -1.5
iS 47 35.13
MTU 2.77 90 eP 47 04.47 -1.0
iS 47 38.25
SML 2.90 52 eP 47 04.49 -2.8
FID 3.37 76 eP 47 11.74 -1.8
eS 47 49.69
KLU 3.81 66 eP 47 16.54 -2.8
23 obs. associated

• DEC 02, 1985 12h 35m 21.25± 0.68s
24.308 S ± 8.2km 67.241 W ±10.7km
DEPTH = 205.2 ± 10.6 km
CHILE-ARGENTINA BORDER REGION (127)

SLA 1.65 105 iPc 35 56.30 -0.9
S 36 22.20
ANT 2.96 281 iPc 36 10.30 -0.8
iS 36 42.00
TPZ 3.16 27 iP 36 14.80 0.9
(S) 36 53.00
VCA 4.50 191 ePd 36 31.20 1.0
CNCB 7.49 355 P 37 11.00 1.6
LPB 7.78 354 eP 37 12.00 -1.1
ZOBO 8.04 354 iP 37 16.40 -0.2
0.5s 6.49nm 4.1mb
VAO 18.62 90 eP 39 25.70 -0.1
BDF 20.09 68 iPd 39 41.10 0.3
SOB1 29.27 64 eP 41 06.30 -0.2
ITR 31.56 66 eP 41 26.10 -0.4
S.D. = 1.0 on 11 of 11 obs.

• DEC 02, 1985 13h 26m 45.25± 0.65s
32.602 S ± 9.1km 179.792 W ±10.9km
DEPTH = 33.0km (normal)
4.8mb (2 obs.)
SOUTH OF KERMADEC ISLANDS (179)

GNZ 6.29 196 P 28 15.80 -2.2
KRP 6.54 214 P 28 23.00 1.4
CRZ 6.55 252 eP 28 24.00 2.3
SVA 14.51 353 eP 30 09.00 -1.1
NOU 15.93 307 iPd 30 27.50 -1.0
DZM 16.09 307 iPc 30 29.90 -0.8
CTA 32.74 284 eP 33 23.00 5.8X
eS 38 36.00
ASPA 41.53 270 eP 34 31.00 -0.3
WRA 42.71 276 P 34 41.00 0.0
0.9s 7.50nm 4.4mb
WBN 46.77 263 eP 35 13.00 -0.5
SPA 57.57 180 eP 36 32.00 -2.0
0.8s 15.83nm 5.1mb
PLM 88.39 48 eP 39 35.00 -0.3
TPC 89.39 48 eP 39 40.00 0.1
GLA 89.49 50 eP 39 41.00 0.6
GSC 89.71 47 eP 39 43.00 1.6
SUF 145.65 339 iPKP 46 18.40 -2.6X
0.8s 6.00nm
NUR 147.80 337 iPKP 46 25.60 1.1
N82 150.65 349 PKP 46 30.30 1.3
0.7s 2.60nm
KIC 153.49 169 ePKP 46 41.30 6.9X
S.D. = 1.4 on 16 of 19 obs.

DEC 02, 1985 14h 12m 32.13± 0.56s
4.727 S ± 7.4km 133.666 E ±10.3km
DEPTH = 33.0km (normal)
4.2mb (4 obs.)
WEST IRIAN REGION (196)

TLE 1.29 225 ePc 13 00.60 6.7X
AAI 5.55 281 ePd 13 55.40 0.7
0.5s 156.00nm 5.8mb X
TZZ 7.55 94 eP 14 19.00 -3.7X
KNA 11.97 203 eP 15 24.00 0.6
PMG 14.17 110 e(P) 15 53.00 0.4
WRA 15.14 178 Pc 16 04.80 -0.6
0.5s 2.60nm 3.8mb
WB2 15.14 178 eP 16 03.90 -1.5
eS 18 52.00
ASPA 18.83 179 eP 16 53.00 1.2
0.9s 50.00nm 4.7mb
eS 20 14.00
CTA 19.58 142 iPd 17 02.00 1.5
1.0s 16.00nm 4.3mb
iS 20 40.00
MBL 21.15 218 eP 17 20.00 3.2X
WBN 22.35 197 eP 17 32.00 3.2X
ADE 30.45 172 iPd 18 47.10 3.0X
XAN 45.09 331 eP 20 51.60 4.5X
CD2 45.52 323 P 20 50.40 -0.2
CN2 48.87 352 Pd 21 17.40 0.8
MDJ 49.25 356 eP 21 18.50 -1.0
GTA 53.88 328 eP 21 54.20 -0.4
WMQ 63.58 324 eP 23 02.50 0.4
QUE 72.53 304 eP 24 03.00 4.6X
SPA 85.31 180 eP 25 05.00 -2.0
1.0s 1.50nm 4.2mb
COL 89.40 25 eP 25 31.00 4.4X
TPZ 147.78 145 (PKP) 32 25.00 11.4X
CNCB 149.74 135 PKP 32 30.00 13.0X
LPB 149.84 135 ePKP 32 30.00 13.0X
ZOBO 150.00 135 ePKP 32 26.00 8.6X
S.D. = 1.1 on 13 of 25 obs.

• DEC 02, 1985 15h 22m 31.59± 1.45s
32.381 S ±12.3km 179.331 W ±19.2km
DEPTH = 33.0km (normal)
4.8mb (2 obs.)
SOUTH OF KERMADEC ISLANDS (179)

GNZ 6.61 198 eP 24 07.00 -1.9
KRP 6.95 216 P 24 15.00 1.4
CRZ 6.99 251 eP 24 15.00 0.8
NOU 16.11 305 iPc 26 24.00 6.8X
DZM 16.28 306 iPc 26 19.00 -0.4
VSG 30.10 315 eP 29 00.00 19.6X
CTA 33.06 283 eP 29 08.00 1.6
ASPA 41.92 270 eP 30 20.00 -0.8
WRA 43.08 275 Pc 30 29.50 -0.9
1.3s 25.10nm 4.8mb
WBN 47.19 263 eP 31 02.00 -1.1
SPA 57.79 180 iPd 32 23.00 1.1
1.0s 11.00nm 4.9mb
SUF 145.59 339 iPKP 42 07.50 0.3
0.7s 4.80nm
NUR 147.74 338 ePKP 42 14.00 3.3X
N82 150.51 350 PKP 42 18.70 3.6X
0.6s 1.30nm
HFS 150.93 347 ePKP 42 20.80 5.1X
0.8s 2.70nm
S.D. = 1.4 on 10 of 15 obs.

? DEC 02, 1985 15h 37m 36.16± 3.30s
66.302 N ±33.5km 149.939 W ±16.0km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.3 (PMR).

IMA 1.54 263 iPc 38 04.20 0.4
COL 1.67 147 iP 38 04.70 -0.8
i 38 07.90
FBA 1.67 147 iPc 38 04.90 -0.6
TTA 4.28 220 eP 38 41.70 -1.1
TOA 4.52 157 eP 38 47.30 1.0
PME 4.71 175 e(P) 38 49.90 1.0
DWY 4.97 112 P 38 50.00 -2.5X
e 39 11.00
Lg 40 28.00
INK 6.66 65 eP 39 14.00 -2.3X
S.D. = 1.2 on 6 of 8 obs.

• DEC 02, 1985 15h 40m 18.63± 0.92s
2.986 S ±12.3km 138.914 E ±15.0km
DEPTH = 33.0km (normal)
4.5mb (3 obs.)
WEST IRIAN (201)

TZZ 3.23 135 eP 41 09.00 0.7
KNA 16.15 218 eP 44 18.00 5.2X
WB2 17.43 194 eP 44 20.80 -0.3
i 44 24.50
eS 47 38.20
WRA 17.44 194 P 44 22.00 0.9
0.5s 2.60nm 3.6mb
CTA 18.45 158 eP 44 36.00 2.4X
YOU 32.36 165 eP 46 46.30 -1.0
CAN 33.51 165 eP 46 56.70 -0.6
WAM 34.30 166 eP 47 04.10 0.0
KKN 59.96 305 eP 50 24.70 0.0
0.8s 5.00nm 4.7mb
DMN 60.04 304 eP 50 25.60 0.3
0.5s 4.00nm 4.8mb
S.D. = 0.8 on 8 of 10 obs.

DEC 02, 1985 15h 56m 16.69± 0.58s
41.705 N ± 8.5km 19.330 E ± 6.6km
DEPTH = 10.0km (geophysicist)
4.0mb (3 obs.)
ALBANIA (391)
ML 3.5 (KBA).

OHR 1.25 118 iPn 56 39.00 -1.0
iSn 56 57.50
SKO 1.60 80 iPn 56 45.00 -0.1
i 56 46.50
iSn 57 07.50
KZN 2.32 126 eP 56 57.50 2.0
VAY 2.46 98 iPn 56 58.30 0.8
VLS 3.65 164 eP 57 14.00 -0.5
CEY 5.37 320 ePn 57 39.40 0.5
1.1s 74.00nm 5.2mb X
i 57 44.80
eSn 58 42.80
LJU 5.55 323 e(Pn) 57 43.50 2.2
1.0s 110.00nm 5.5mb X
eSn 58 46.00
TRI 5.68 317 iP 57 46.60 3.4X
i 58 49.20
VOY 5.84 320 iPnc 57 45.80 0.3
eSn 58 53.40
VRI 6.78 50 ePc 57 59.00 0.4
KBA 6.87 323 iPnd 58 00.50 0.4
iSn 59 21.90
TLB 6.99 63 iPd 58 04.00 2.5X
CVF 7.82 280 eP 58 13.10 -0.2
0.8s 8.00nm 5.0mb X
KHC 8.45 333 ePg 58 22.00 -0.1
Sg 59 19.30
LPG 9.88 297 eP 58 41.40 -0.7
0.6s 3.90nm 5.0mb X
EKA 20.07 320 Pc 00 51.70 -1.1
0.4s 2.40nm 3.9mb

02d 16h

SUF 21.43 9 IP 01 04.40 -2.3
0.7s 3.70nm 3.9mb
KKN 54.71 82 eP 05 45.00 -3.6X
0.6s 5.00nm 4.7mb
PKI 54.92 83 eP 05 49.70 -0.7
S.D. = 1.2 on 16 of 19 obs.

• DEC 02, 1985 16h 45m 00.45± 0.74s
28.231 N ±12.1km 140.530 E ±12.0km
DEPTH = 33.0km (normal)
4.6mb (1 obs.)
BONIN ISLANDS REGION (212)

CBI 1.85 127 eP 45 30.00 -0.4
eS 45 50.00
MAT 8.52 347 eP 47 06.00 1.5
2.2s 223.08nm 5.9mb X
eS 48 49.00
SSE 17.05 284 P 49 00.00 2.1
6.0s 0.90nm 2.1mb X
N 12s 0.60um
eS 52 20.00
sS 52 37.00
MDJ 18.54 335 eP 49 14.00 -2.3
NJ2 19.12 287 Pc 49 28.00 4.6X
TIA 21.31 298 eP 49 47.10 0.6
WHN 22.91 282 Pc 50 07.00 4.5X
BJI 23.27 307 eP 50 05.00 -0.9
eS 54 28.00
eSS 55 17.00
HHC 26.85 306 P 50 40.00 0.1
BTO 27.89 304 eP 50 51.50 2.1X
eS 55 40.00
CD2 32.00 284 eP 51 25.60 -0.4
GTA 35.35 299 eP 51 54.40 -0.6
WRA 48.26 188 Pc 53 41.00 0.7
1.1s 6.20nm 4.6mb
NDI 55.05 287 eP 54 30.00 -1.4
COL 57.05 29 eP 54 46.50 1.2
QUE 63.17 291 eP 55 27.60 -0.2
YKA 71.84 28 eP 56 25.10 3.5X
S.D. = 1.3 on 13 of 17 obs.

? DEC 02, 1985 17h 09m 24.58± 3.51s
32.313 S ±12.3km 178.322 W ±39.9km
DEPTH = 33.0km (normal)
5.0mb (3 obs.)
SOUTH OF KERMADEC ISLANDS (179)

GNZ 6.98 204 eP 11 06.00 -1.2
KRP 7.53 220 P 11 15.00 0.3
CRZ 7.82 252 eP 11 19.00 0.1
e 12 26.00
MSZ 16.35 217 P 13 26.20 13.1X
NOU 16.79 303 IPc 13 18.00 -0.7
DZM 16.94 303 IPc 13 19.90 -0.9
CTA 33.88 282 eP 16 10.00 3.5X
iS 21 26.00
ASPA 42.77 269 IPd 17 22.30 1.5
1.3s 31.00nm 4.9mb
eS 23 27.00
WRA 43.93 274 Pc 17 31.00 0.8
1.2s 26.90nm 4.9mb
SPA 57.86 180 IPc 19 23.90 8.6X
1.0s 25.00nm 5.2mb
SUF 145.82 346 ePKP 29 09.00 8.4X
NB2 150.59 351 PKP 29 20.70 12.5X
0.5s 1.00nm
HFS 151.05 348 ePKP 29 22.90 14.0X
0.6s 1.80nm
S.D. = 1.2 on 7 of 13 obs.

DEC 02, 1985 17h 40m 29.35± 0.65s
51.165 N ± 5.9km 0.749 W ±12.9km
DEPTH = 13.0 ± 5.2 km
UNITED KINGDOM (533)
ML 3.3 (LDG), 2.7 (CWF), 2.6 (ESK).

CWF 1.61 348 ePn 40 59.00 1.5
eSn 41 18.10
AWH 1.81 35 ePn 41 02.40 2.1
HCG 2.15 304 ePn 41 09.60 4.3X
HTL 2.36 267 ePn 40 37.00 -31.4X
eSn 41 44.40
FLN 2.41 176 Pn 41 10.80 1.7
Pg 41 17.40
Sg 41 47.20
LDF 2.61 171 Pg 41 20.60 8.7X
Sg 41 53.30
GRR 2.78 182 Pn 41 16.00 1.7
Pg 41 24.40
Sn 41 47.40
Sg 41 59.90
LPF 3.14 184 Pn 41 23.00 3.6X
Sg 42 11.00
DOU 3.57 105 Pg 41 28.30 2.9X
Sg 42 08.40
ECK 4.27 341 ePn 41 34.30 -1.2
eSn 42 19.60
ESK 4.41 341 ePnc 41 36.20 -1.3
eSn 42 23.20
LOR 4.93 140 Pn 41 44.70 -0.1
Sn 42 37.20
Sg 43 04.80
SSF 4.97 144 Pn 41 45.60 0.3
Sg 43 07.40
LSF 5.14 162 Pn 41 47.60 -0.3
Sn 42 42.60
Sg 43 14.00
BGF 5.18 151 Pn 41 48.50 0.1
LBF 5.21 142 Pn 41 48.40 -0.4
Sn 42 43.00
Sg 43 16.30
TCF 5.26 157 Pn 41 49.00 -0.5
Sn 42 45.20
SMF 5.44 144 Pn 41 52.20 0.1
HAU 5.59 122 Pn 41 53.50 -0.7
CDF 5.88 115 Pn 41 58.20 -0.1
CAF 6.52 162 Pn 42 06.20 -1.1
S.D. = 1.2 on 16 of 21 obs.

• DEC 02, 1985 18h 55m 48.40± 1.32s
32.326 S ±12.2km 179.425 W ±19.3km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
SOUTH OF KERMADEC ISLANDS (179)

CRZ 6.93 250 eP 57 34.80 4.6X
KRP 6.94 215 P 57 31.00 0.6
S 01 05.00
NOU 16.02 305 IPc 59 34.00 1.2
DZM 16.18 306 IPc 59 34.80 -0.2
CTA 32.97 283 eP 02 30.00 7.6X
iS 07 43.00
ASPA 41.84 270 eP 03 37.00 0.0
eS 09 52.00
WRA 43.00 275 Pd 03 45.90 -0.6
0.9s 4.90nm 4.2mb
WBN 47.11 263 eP 04 18.00 -1.4
SPA 57.85 180 IPc 05 39.30 0.2
1.0s 20.50nm 5.1mb
SUF 145.51 339 ePKP 15 24.00 0.1
0.9s 8.70nm
NUR 147.66 338 ePKP 15 30.00 2.6X
NB2 150.44 350 PKP 15 35.40 3.6X
1.0s 4.20nm
KIC 153.69 168 ePKP 15 46.00 8.1X
S.D. = 0.9 on 8 of 13 obs.

% DEC 02, 1985 19h 01m 52.61± 1.76s
15.988 N ± 8.3km 61.946 W ±19.0km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)
ML 2.7 (PAG).

BTG 0.22 89 eP 01 58.76 -0.6
S 02 03.30
PAG 0.26 81 IPd 01 59.52 -0.4
S 02 03.90
SEC 0.59 46 eP 02 04.78 0.3
S 02 13.10
MGG 0.61 97 eP 02 05.21 0.5
S 02 13.60
BBL 0.65 136 ePc 02 05.37 0.1
S 02 14.00
MDN 0.85 142 eP 02 08.32 0.2
BPA 1.06 5 eP 02 11.22 0.1
S 02 20.50
S.D. = 0.5 on 7 of 7 obs.

DEC 02, 1985 19h 30m 13.39± 0.41s
32.667 S ± 7.6km 179.855 W ± 6.7km
DEPTH = 33.0km (normal)
5.0mb (4 obs.)
SOUTH OF KERMADEC ISLANDS (179)

GNZ 6.21 196 eP 31 45.00 -0.1
KRP 6.46 214 P 31 53.00 4.4X
CRZ 6.48 252 eP 31 49.70 0.8
NOU 15.92 307 IPd 33 56.50 -0.1
DZM 16.09 308 IPc 33 58.00 -0.9
CTA 32.70 284 IPd 36 45.50 0.5
1.2s 17.97nm 4.8mb
iS 42 05.00
ASPA 41.47 270 eP 38 00.00 1.0
WRA 42.67 276 Pc 38 08.30 -0.5
0.5s 4.70nm 4.5mb
WBN 46.71 263 eP 38 40.00 -1.2
1.1s 46.00nm 5.4mb
SPA 57.51 180 IPc 40 00.90 -0.8
1.0s 18.50nm 5.1mb
ISA 89.01 46 eP 43 06.00 -0.3
TPC 89.48 48 eP 43 08.00 -0.5
GLA 89.57 50 eP 43 09.00 0.1
CLC 89.65 46 eP 43 10.00 0.8
GSC 89.79 47 eP 43 10.00 0.1
KEV 139.95 346 ePKP 49 42.00 3.0X
KJF 144.12 340 ePKP 49 43.00 -3.5X
SUF 145.70 339 IPKP 49 45.60 -3.6X
NUR 147.84 337 ePKP 49 53.00 0.3
0.7s 16.00nm
NB2 150.71 349 PKP 49 57.80 0.6
0.9s 5.20nm
HFS 151.10 346 ePKP 50 00.90 3.2X
0.7s 4.50nm
KIC 153.43 169 ePKP 50 09.60 7.1X
CLL 159.12 337 e(PKP) 50 28.00 19.4X
S.D. = 0.7 on 16 of 23 obs.

& DEC 02, 1985 19h 53m 16.80s
34.620 N 121.380 W
DEPTH = 6.0km (geophysicist)
OFF COAST OF CALIFORNIA (38)
<PAS-P>. ML 3.2 (PAS).

BLP 0.81 94 eP 53 32.20 -0.7
SYP 1.16 94 IPc 53 37.80 -1.2
eS 53 54.30
BCH 1.21 62 eP 53 37.50 -2.2
ABL 1.79 82 eP 53 46.80 -1.9
JAS1 3.39 13 eP 54 09.00 -2.3
SDW 3.55 89 eP 54 10.00 -3.7
6 obs. associated

DEC 02, 1985 22h 44m 46.65± 0.43s
42.315 N ± 5.0km 19.905 E ± 4.4km
DEPTH = 10.0km (geophysicist)
3.7mb (2 obs.)
YUGOSLAVIA (383)
DUR 3.6 (TTG).

PVY 0.28 10 IPgc 44 52.40 -0.3
iSg 44 57.00
IVA 0.56 359 IPgc 44 57.40 -0.6
iSg 45 06.00
ULC 0.60 234 IPgd 44 59.50 0.7
eSg 45 08.50
SKO 1.19 106 IPn 45 07.00 -1.9
i 45 09.00
iSn 45 25.00
OHR 1.38 151 IPn 45 11.20 -0.7
VAY 2.23 116 IPn 45 26.20 2.1
KZN 2.45 144 eP 45 28.50 1.1
VTS 2.45 82 IPc 45 27.00 -0.3
MMB 2.94 103 eP 45 26.00 -8.3X
PLD 3.57 92 eP 45 53.00 9.8X
PVL 3.97 76 eP 45 55.00 6.2X
VLS 4.17 173 eP 45 51.00 -0.7
DEV 4.17 30 ePc 46 03.50 11.8X
JMB 4.95 86 eP 46 03.00 0.2
CEY 5.23 313 IPn 46 09.60 2.9X
1.1s 225.00nm 5.7mb X
eSn 47 13.50
LJU 5.37 316 ePn 46 11.60 2.9X
1.1s 390.00nm 6.0mb X
eSn 47 15.50
e 47 19.50
MLR 5.40 52 ePc 46 10.00 0.8
TRI 5.58 310 ePn 46 12.50 0.8
eSn 47 19.30

		i(Sg)	47	51.00		
PSZ	5.60	360 ePn	46	11.10	-1.0	
SRO	5.61	349 eP	46	39.00	26.9X	
		e	47	19.60		
		i	48	08.50		
VOY	5.70	313 ePn	46	15.70	2.2	
		i	47	24.30		
SOP	5.87	337 ePn	46	15.00	-0.7	
VRI	6.06	52 eP	46	18.00	-0.5	
KBA	6.67	318 iPnd	46	29.80	2.5X	
		iSn	47	46.70		
KHC	8.12	329 P	46	49.40	2.0	
		e	47	43.30		
		e	48	36.20		
CVF	8.17	275 eP	46	48.10	0.0	
	0.6s	4.30nm			4.9mb X	
FRF	9.81	282 eP	47	09.80	-0.9	
LRG	10.01	281 eP	47	13.00	-0.5	
LPG	10.01	293 eP	47	14.50	0.7	
	0.8s	8.50nm			5.2mb X	
SMF	12.26	296 eP	47	41.70	-2.4	
	0.8s	5.90nm			4.9mb X	
LOR	12.42	299 eP	47	45.00	-1.3	
	0.6s	3.90nm			4.8mb X	
NB2	19.48	347 P	49	17.40	1.0	
	0.9s	2.30nm			3.5mb	
SUF	20.77	8 eP	49	30.00	0.1	
	0.8s	5.20nm			3.9mb	

S.D. = 1.2 on 25 of 33 obs.

DEC 02, 1985 22h 46m 21.35± 1.31s
33.159 S ± 6.2km 71.235 W ±11.1km
DEPTH = 50.3 ± 13.3 km
NEAR COAST OF CENTRAL CHILE (135)

ROCH	0.26	45 iPc	46	30.50	0.0	
PEL	0.46	88 iPc	46	32.40	0.1	
		iS	46	41.00		
TACH	0.55	153 iPd	46	33.50	0.1	
SAN	0.56	122 iPc	46	33.60	0.1	
		iS	46	43.50		
BACH	0.65	107 iPc	46	34.80	0.1	
		iS	46	44.80		
PCH	0.76	128 iP	46	36.00	-0.1	
		iS	46	48.00		
LNV	0.81	190 iPc	46	36.50	-0.1	
		iS	46	50.50		
FCH	0.81	102 iPc	46	36.50	-0.5	
CHCH	0.91	148 iPc	46	38.20	0.1	
RTCB	2.65	52 ePc	47	02.80	0.2	
ZON	2.70	54 eP	47	10.00	6.8X	
RFA	2.81	126 ePc	47	05.00	0.1	
CFA	2.97	59 ePc	47	07.10	-0.1	
		S	47	43.20		

S.D. = 0.2 on 12 of 13 obs.

DEC 03, 1985 00h 12m 13.98± 0.10s
26.939 N ± 1.9km 140.494 E ± 2.4km
DEPTH = 427.6km (20 depth phases)
5.9mb (74 abs.)
BONIN ISLANDS REGION (212)

Felt (III JMA) on Chichi-shima.

FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 52 Dip=65 Slip= -64
NP2: 183 35 -133
Principal Axes:
T Plg=16 Azm=123
P 61 2

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 420 No. of sta: 5
Moment Tensor; Scale 10**24 d-cm
Mrr=-4.28 Mtt= 1.35
Mff= 2.93 Mrt=-2.60
Mrf=-2.22 Mtf= 1.95
Principal axes:
T Val= 5.38 Plg=19 Azm=127
N 0.16 7 220
P -5.54 69 330
Best Double Couple:Mo=5.5*10**24
NP1:Strike=205 Dip=27 Slip=-106
NP2: 43 64 -82

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 31C
Centroid Location:
Origin Time 00:12:15.8 0.2
Lat 26.90N 0.02 Lon 140.44E 0.03
Dep 425.4 1.5 Half-duration 2.9
Moment Tensor; Scale 10**24 D-CM
Mrr=-4.68 0.11 Mtt= 1.49 0.16
Mff= 3.19 0.19 Mrt=-3.09 0.18
Mrf=-0.85 0.15 Mtf= 1.44 0.14
Principal Axes:
T Val= 4.65 Plg=16 Azm=129
N 1.32 16 223
P -5.97 68 356
Best Double Couple:Mo=5.3*10**24
NP1:Strike=197 Dip=32 Slip=-120
NP2: 52 62 -72

CBI	1.51	84 iPd	13	11.50	1.1	
		iS	13	53.40		
HJJ	6.17	354 Pc	13	50.50	0.4	
		S	15	05.30		
SHJ	7.67	329 P	14	09.30	2.8	
		S	15	40.00		
OSH	7.86	353 Pc	14	08.20	-0.5	
		S	15	38.40		
TAT	8.04	356 eP	14	10.00	-0.7	
		S	15	41.30		
HMM	8.10	344 Pc	14	12.30	0.9	
		S	15	44.50		
AJI	8.17	352 P	14	11.50	-0.6	
		S	15	42.90		
KYS	8.24	358 eP	14	11.40	-1.5	
MIS	8.26	351 eP	14	12.00	-1.1	
		eS	15	45.00		
MRT	8.33	321 iPc	14	17.30	3.3X	
		eS	15	54.00		
MVI	8.38	264 P	14	16.50	2.0	
		eS	15	53.00		
YOK	8.50	355 eP	14	15.00	-0.9	
		eS	15	47.00		
OYM	8.52	353 eP	14	14.80	-1.4	
WKY	8.59	329 iPc	14	19.40	2.5	
		iS	15	58.40		
OSK	8.70	333 Pc	14	20.00	1.7	
		S	15	57.70		
SRY	8.71	353 eP	14	16.20	-2.0	
NAG	8.74	341 P	14	19.70	1.1	
		eS	15	57.00		
TKS	8.74	326 iPc	14	21.40	2.7	
		iS	16	02.50		
TOK	8.74	356 P	14	17.30	-1.3	
		S	15	54.00		
CHO	8.76	2 Pc	14	18.60	-0.3	
		iS	15	58.60		
OSA	8.82	332 Pc	14	21.40	1.9	
		S	16	01.10		
IID	8.84	346 eP	14	19.00	-0.8	
		eS	15	58.00		
KOF	8.86	350 eP	14	19.00	-0.9	
		eS	15	58.00		
KOC	8.92	319 Pc	14	23.40	2.7	
		S	16	07.40		
KOB	8.97	331 iPc	14	23.50	2.2	
		iS	16	04.00		
GIF	9.02	340 Pc	14	23.10	1.4	
		S	16	03.90		
KYO	9.02	334 iPc	14	23.50	1.7	
		iS	16	05.60		
HIK	9.07	337 eP	14	24.00	1.6	
		S	16	06.10		
DDR	9.10	353 eP	14	20.80	-2.0	
TKM	9.21	325 Pc	14	26.20	2.3	
		S	16	10.80		
KMG	9.23	354 P	14	22.60	-1.6	
		eS	16	05.00		
TSK	9.25	358 eP	14	21.70	-2.7	
HIM	9.31	329 ePc	14	26.00	0.9	
		S	16	12.20		
MYZ	9.33	304 iPc	14	28.90	3.6X	
		S	16	14.00		
MIT	9.41	360 Pc	14	25.60	-0.6	
		S	16	07.80		
NOB	9.50	308 Pc	14	30.30	3.1X	
		eS	16	17.00		
MTY	9.57	318 Pc	14	30.60	2.5	

		eS	16	20.00		
UTS	9.59	357 Pd	14	27.50	-0.8	
		S	16	09.70		
FUK	9.79	339 P	14	31.90	1.4	
		S	16	21.00		
KAG	9.83	300 eP	14	33.00	1.9	
		S	16	25.50		
TYK	9.84	332 eP	14	32.00	0.8	
		iS	16	22.60		
NGN	9.89	349 P	14	30.90	-0.8	
		S	16	19.00		
OIT	9.92	311 Pc	14	35.30	3.3X	
		S	16	29.60		
ONA	9.98	2 Pc	14	32.20	-0.6	
		S	16	20.00		
TOT	10.11	329 eP	14	34.00	-0.2	
		S	16	26.70		
SHK	10.12	320 iPc	14	35.80	1.4	
HIR	10.14	319 Pc	14	36.20	1.6	
		eS	16	24.00		
KUM	10.31	307 Pc	14	39.00	2.5	
		S	16	34.70		
MTS	10.60	325 Pd	14	41.30	1.6	
		eS	16	28.00		
HMD	10.73	320 iPc	14	42.50	1.3	
		iS	16	43.30		
FKS	10.79	360 iPc	14	41.90	0.1	
		S	16	39.50		
SHN	10.80	313 ePc	14	44.00	2.0	
		eS	16	44.00		
SAG	10.83	308 iPc	14	44.80	2.5	
		S	16	44.00		
WAJ	10.86	345 iPd	14	42.70	0.1	
		eS	16	39.00		
NGS	10.88	305 Pc	14	44.80	1.9	
		S	16	47.20		
FKK	10.96	310 iPc	14	45.60	1.8	
		iS	16	48.40		
SAI	11.07	328 P	14	45.00	0.8	
		S	16	47.20		
YAM	11.28	359 Pc	14	47.50	0.1	
		eS	16	47.00		
SEN	11.29	2 eP	14	47.00	-0.5	
		eS	16	49.00		
ISN	11.47	3 eP	14	49.00	-0.4	
		S	16	53.20		
FKJ	11.64	302 Pc	14	50.10	-1.2	
		S	16	59.60		
IZU	12.06	310 eP	14	57.00	1.2	
		S	17	08.50		
MIY	12.73	5 eP	15	03.00	-0.1	
		S	17	20.20		
AKI	12.75	359 eP	15	07.00	3.7X	
		eS	17	21.00		
AOM	13.84	1 eP	15	16.00	1.0	
		S	17	44.60		
MYK	13.86	264 eP	15	17.00	1.7	
		eS	17	45.00		
GUMO	13.90	162 iPc	15	16.10	0.4	
	1.0s	4416.00nm			6.9mb	
		e(S)	17	41.30		
PJG	13.90	162 eP	15	16.30	0.6	
GUA	13.96	162 eP	15	16.50	0.1	
	0.9s	2863.86nm			6.8mb	
HAK	14.84	1 Pd	15	26.50	1.0	
		eS	18	03.00		
URA	15.30	6 eP	15	32.00	1.7	
		eS	18	14.00		
SUT	15.82	359 eP	15	36.00	0.4	
		eS	18	21.00		
SAP	16.10	2 Pd	15	39.50	1.1	
		iS	18	27.40		
OBI	16.10	7 eP	15	38.00	-0.4	
		S	18	30.30		
ANP	17.14	268 eP	15	50.00	0.8	
TATO	17.21	268 eP	15	48.80	-0.9	
SSE	17.39	268 Pd	15	50.70	-0.8	
	1.0s	151.00nm			5.4mb	
		eP	17	35.00		
		iS	18	45.00		
NJ2	19.50	290 iPc	16	13.00	0.8	
		eP	18	03.00		
		S	19	22.00		
		iPcP	20	14.00		
		iScP	23	07.00		
CVP	19.55	246 iPd	16	14.00	1.3	
		eS	16	28.00		

03d 00h

MDJ	19.70	336	iPd	16	15.50	1.5				pP	19	29.00	446kmX	DMN	48.87	284	iPd	20	21.00	-0.1
			sP	18	08.50					PcP	20	43.00		ASPA	50.71	188	iPc	20	33.70	-0.7
			S	19	31.50					S	22	43.00			1.0s	102.00nm			5.1mb	
			ScP	23	07.00					sS	25	09.00					e	24	57.00	
			ScS	26	49.00					ScS	27	42.50					eS	27	12.00	
DL2	19.79	312	P	16	14.50	-0.4	MDG	32.40	170	eP	18	08.00	-0.1	SDN	50.77	39	ePd	20	33.00	-1.4
			sP	18	04.00		AAI	32.68	203	ePc	18	11.60	1.1	RMO	53.71	171	iPc	20	55.60	-0.6
			S	19	26.00		TLE	33.24	194	ePc	18	16.40	1.3	TTA	54.34	30	iPd	21	00.30	-0.1
			ePcP	20	20.00		KMI	33.89	276	Pd-	18	21.00	0.1	KSH	54.37	301	iPd	21	02.00	1.0
QZH	19.80	269	iPd	16	15.50	0.4		2.0s		1.00nm			2.9mb X				PcP	21	59.00	
PIP	20.23	249	iPd	16	17.50	-1.8					pP	19	43.00	448kmX				sP	23	11.00	
SNY	20.33	321	iPd	16	20.20	0.1					sP	20	29.00					iS	28	10.00	
			sP	18	16.00						iS	23	12.10					ScS	30	05.00	
			S	19	41.50						sS	25	33.00					eSS	31	58.00	
			ScS	26	51.10						SS	25	57.00		WBN	54.45	195	eP	21	01.00	-0.5
SZP	20.74	247	iPd	16	24.50	0.3	LAT	33.98	168	eP	18	21.00	-0.4					e	22	28.00	426km
			iS	16	30.00		SLKI	35.84	196	eP	18	38.20	1.2	NAU	54.81	209	eP	21	03.00	-1.0
CN2	20.77	328	iPd	16	23.00	-1.3	SMY	35.92	35	ePd	18	39.30	2.0					eS	25	15.00	
			isP	18	10.00		GTA	35.96	301	P	18	37.00	-1.0	DZM	54.81	150	iPc	21	04.00	-0.2
			S	19	41.00						pP	19	56.00	408kmX				iS	25	15.90	
			iPcP	20	15.00						sP	20	44.50					i	28	16.00	
			iScP	23	09.40						PcP	20	54.00		NOU	55.02	150	iPc	21	05.90	0.4
			ScS	26	50.00						iS	23	45.00					i	25	16.00	
MAN	21.84	240	iPd	16	34.00	-0.6					ScP	23	57.90		BRS	55.29	167	iPc	21	06.80	-0.6
TIA	21.91	301	eP	16	34.40	-0.7					ScS	28	02.10					i	22	34.00	425km
			pP	17	37.50		LMG	36.40	167	iPc	18	41.50	-0.3					i	25	18.40	
			sP	18	35.00		PMG	36.70	169	iPc	18	44.30	0.2					i	28	17.00	
			S	20	10.00			0.8s	268	.66nm			5.7mb	NDI	55.40	288	iPd	21	06.70	-1.5
WHN	23.18	285	iPd	16	47.20	0.3	LOE	37.01	263	eP	18	45.00	-1.7	KDC	55.44	37	ePd	21	07.00	-1.1
			ipP	17	55.50		MKS	37.89	216	i(P)d	18	55.00	1.1	OPA	55.82	81	P	21	12.60	1.3
			isP	18	48.60		ALOA	38.24	164	eP	18	57.50	0.8	IMA	55.91	27	iPd	21	11.40	-0.1
			iPcP	20	20.60		CHTO	38.99	267	iPd	19	03.10	0.1	HON	55.94	82	P	21	12.40	0.3
			iS	20	34.50		NST	39.08	262	eP	19	06.00	2.3	BRW	56.06	20	iPd	21	12.50	0.2
BJI	24.04	309	Pd-	16	53.00	-1.5	BDT	39.49	265	iPd	19	06.40	-0.6	NDF	57.10	137	ePc	21	21.10	1.1
			epP	18	03.50			0.6s	343	.00nm			5.9mb	MEK	57.28	203	eP	21	20.00	-1.3
			esP	18	56.00		KUPT	40.35	206	eP	19	14.00	0.0	PMR	57.38	32	iPd	21	20.30	-1.2
			PcP	20	21.50					e(S)	24	46.30			0.9s	750.00nm			6.1mb	
			S	20	36.00		SVO	40.48	150	eP	19	14.00	-1.0	HYB	57.66	274	iPd	21	23.20	-0.9
			ScP	23	18.00					e(S)	24	15.00			1.0s	270.00nm			5.6mb	
			ScS	27	04.50		VSG	40.52	150	eP	19	14.00	-1.4				i	22	10.70	209kmX
DAV	24.31	218	eP	16	57.00	-0.2				e(S)	24	14.00					iS	28	47.00	
HKC	24.35	265	iP	16	58.80	1.3	ADK	40.58	40	iPd	19	16.00	0.4	COL	58.19	28	iPd	21	25.90	-1.2
			isP	18	59.00		HNR	40.79	150	eP	19	17.00	-0.5	FBA	58.19	28	iPd	21	26.20	-0.9
			iS	20	46.00		KHT	40.80	261	eP	19	17.80	0.1	COO	58.22	168	eP	21	27.00	-0.6
GZH	24.88	257	iPc	17	03.00	0.7				e	21	09.60		CMS	58.32	175	eP	21	28.00	-0.2
			sP	19	03.00					e	24	15.90		STK	58.50	179	iPd	21	28.80	-0.6
			PcP	20	25.50		KHT	40.80	261	ePd	19	18.50	0.8	MID	58.71	35	eP	21	31.00	0.4
			S	20	51.00					e	24	17.30		GBA	60.09	271	P	21	39.80	-0.8
			ScS	27	09.50		KHKI	42.59	218	ePd	19	31.80	-0.2	KLG	60.21	199	eP	21	40.00	-1.0
TIY	25.94	301	iPd	17	11.00	-0.8				e(S)	20	53.00		MRWA	60.57	205	iPc	21	42.40	-1.0
			pP	18	23.00		LSA	43.27	286	iPd	19	38.10	0.2		0.5s	10.00nm			4.6mb X	
			sP	19	13.00					pP	21	00.00	423km	YAH	60.98	34	ePd	21	45.80	-0.3
			PcP	20	43.00					sP	21	45.00		YOU	61.34	173	iPc	21	48.40	0.0
			S	21	08.50		KGM	43.40	242	ePc	19	40.50	2.0				i	23	23.00	452kmX
PPR	26.72	234	iPc	17	21.00	2.2		1.2s	207	.10nm			5.4mb	POO	61.44	277	iPd	21	48.80	-0.6
	1.0s	55.00nm				4.9mb				e	24	28.20			0.9s	216.81nm			5.7mb	
HHC	27.59	308	iPc	17	25.00	-1.4	IPM	43.72	246	ePd	19	41.40	0.3	ADE	61.59	182	iPc	21	49.50	-0.5
			pP	18	40.00			0.8s	437	.70nm			5.9mb		0.8s	28.36nm			4.8mb X	
			sP	19	28.00					e	21	20.10	540kmX	BOM	62.22	278	eP	21	53.00	-1.5
			S	21	33.00		KNA	43.93	196	eP	19	43.00	0.4				iS	29	45.00	
XAN	28.04	292	iPd	17	29.40	-1.0	WMO	45.44	306	iPd	19	54.20	-0.2	CAN	62.44	172	iPc	21	55.90	0.3
			pP	18	46.00					pP	21	17.00	423km				i	23	28.30	436km
			sP	19	36.00					PcP	21	25.00		WAM	63.29	172	iPc	22	00.90	-0.1
			S	21	39.00					ScP	24	35.00					i	23	33.40	436km
			ScS	27	23.00					PcS	25	17.80		NWAO	63.51	202	eP	22	02.00	-0.5
BTO	28.60	306	iPd	17	34.50	-0.8				S	26	01.20					e	23	33.00	427km
			pP	18	51.00	433km	WB2	46.98	188	iPc	20	05.80	-0.5				eS	30	08.00	
			sP	19	34.00					ipP	20	30.10	103kmX	QUE	63.61	292	iPd-	22	03.20	-0.4
QIZ	29.24	261	Pc	17	41.50	0.6				iScP	24	40.80					e	22	36.00	136kmX
			pP	18	53.00	391kmX	WRA	46.98	188	Pd	20	06.10	-0.2				ePP	23	24.10	
			sP	19	47.00			0.8s	224	.00nm			5.6mb				eS	30	02.50	
			lS	22	04.00		CTA	47.08	173	iPc	20	07.00	0.0	BFD	63.80	178	eP	22	03.00	-1.2
GYA	30.18	277	Pd	17	49.00	-0.2		1.0s	260	.00nm			5.6mb				e	23	34.00	426km
			pP	19	07.00	433km				i	20	25.00	72kmX	TOO	64.34	176	eP	22	08.00	0.3
			sP	19	57.00					i	20	31.20		RKG	64.63	201	eP	22	12.00	2.3
			S	22	14.00					i	21	30.60					e	23	44.00	430km
			ScS	27	35.00					i(PcP)	21	38.00		M8C	66.43	15	iPd	22	19.70	-0.8
KVC	30.58	160	iPc	17	54.00	-1.9				iScP	24	41.70			0.5s	146.00nm			5.9mb	
KKM	31.08	232	ePc	17	58.00	1.0				lS	26	21.00		MHI	67.76	300	eP	22	30.00	0.6
TZZ	32.02	179	iPd	18	05.20	0.2				l	32	12.00		TAU	89.78	175	eP	22	42.00	0.9
CD2	32.30	286	iPd	18	07.00	-0.3	CTAO	47.08	173	iPc	20	07.10	0.1	ALE	70.21	3	iPd	22	43.40	0.1
			pP	19	24.00	416kmX		1.3s	347	.00nm			5.6mb		1.0s	698.00nm			6.2mb	
			PP	19	38.00					pP	21	30.50	423km	KBS	70.46	351	iPd	22	45.40	0.5
			sP	20	09.00		ISQ	47.38	181	iPc	20	08.90	-0.4	PHC	70.90	42	eP	22	48.50	0.7
			iS	22	46.00					e	24	42.00			0.8s	232.00nm			5.9mb	
LZH	32.39	296	iPd-	18	08.00	-0.1	PKI	48.62	284	iPd	20	19.00	-0.2	HSP	71.14	349	iP	22	48.50	-0.3
	1.5s	677.00nm				5.8mb	KKN	48.68	284	iPd	20	19.50	-0.1				e	24	22.00	427km

03d 00h

EAU	92.01	341	ePd	24	35.70	-0.8				ic	40	41.70			CD2	32.34	284	P	26	28.20	2.0
BHG	92.04	328	iPKPd	24	36.10	-0.7	BCAO	115.88	290	ePKP	30	06.50	-2.5X		WB2	47.94	188	eP	28	33.70	-1.1
KZN	92.16	318	eP	24	36.50	-1.1		1.0s		39.75nm								i	28	42.30		
OHR	92.24	319	eP	24	31.30	-6.6X					pP	31	17.00			WRA	47.94	188	P	28	35.00	0.2
KBA	92.26	327	iPd	24	36.30	-1.8	LSZ	116.42	266	iPKP	30	10.00	-0.1			0.7s		2.10nm			4.1mb	
	0.8s	153.00nm				6.0mb		0.8s		22.20nm					MBC	65.46	15	eP	30	38.00	-0.4
			i	24	41.10						i	33	03.60		ZOBO	150.87	73	ePKP	39	51.50	9.1
			i(pP)	25	24.20	192kmX	SPA	116.78	180	iPKPd	30	14.20	4.9X		LPB	151.02	73	ePKP	39	55.00	12.6
			iPP	28	19.50			0.8s		50.00nm					CNCB	151.25	74	ePKP	39	55.00	12.7
			i	28	26.80		KMZ	117.81	268	iPKPc	30	13.50	0.7			S.D. = 1.3		on	11	of	15	obs.
			i	36	19.00			1.0s		8.50nm												
EKA	92.35	340	Pc	24	37.70	-0.4					i	33	05.40		*	DEC	03,	1985	02h	40m	56.15±	1.11s
	1.0s	88.60nm				5.7mb	BUL	117.83	260	iPKPd	30	12.00	-0.7			41.128 N	±10.9km		23.999 E	±	7.2km	
ATH	92.39	315	eP	24	37.00	-1.6				iSKP	33	05.00				DEPTH =	10.0km	(geophysicist)				
LJU	92.40	326	iPKPd	24	37.10	-1.4				iPKKP	40	40.00			GREECE-BULGARIA BORDER REGION						(363)	
			i	24	41.50	14kmX	SYO	118.79	204	iPKP	30	12.70	-0.1									
FUR	92.47	329	iPd	24	38.10	-0.7	SLR	119.93	254	iPKPd	30	15.80	-0.8		MMB	0.50	336	iPgc	41	04.00	-2.4
	1.1s	907.00nm				6.7mb		0.9s		142.86nm								Sg	41	08.00		
VOY	92.73	326	iPKPd	24	38.10	-2.0					i	33	09.30		VAY	1.09	281	iPn	41	17.00	0.3
			e	26	29.00	491kmX	KSR	121.16	255	iPKPc	30	18.70	-0.3					iSn	41	32.00		
LHC	92.76	31	ePd	24	40.40	0.4		1.0s		125.00nm					PLD	1.11	28	iPg	41	17.00	0.1
	1.0s	428.00nm				6.4mb	8FS	121.56	254	iPKPc	30	18.50	-1.1		KDZ	1.14	63	iPgc	41	17.00	-0.5
			pP	26	24.00	453kmX		1.0s		300.00nm					DIM	1.50	52	eP	41	24.00	0.9
ENN	92.85	333	iPc	24	39.80	-0.6					i	33	11.50		VTS	1.59	338	iP	41	24.00	-0.3
	1.1s	230.00nm				6.1mb	STH	122.44	43	iPKP	30	21.77	0.4		SKO	2.10	295	ePn	41	33.00	1.2
MEM	92.94	333	Pd	24	39.40	-1.4	UPA	127.26	53	iPKPc	30	29.80	-1.0		PVL	2.20	23	iPd	41	35.00	1.8
			PP	28	27.00			0.7s		165.75nm					EZN	2.20	125	ePn	41	32.10	-1.1
STU	92.97	330	iPd	24	39.00	-2.1	SUR	127.89	249	e(PKP)	30	32.00	0.2		JMB	2.35	54	ePg	41	38.00	2.6X
	1.2s	375.00nm				6.3mb		0.9s		58.82nm					DMK	2.91	75	iPn	41	52.50	9.2X
TRI	93.02	326	iPd	24	39.00	-2.3					i	33	09.50			S.D. = 1.5		on	9	of	11	obs.
UCC	93.45	334	Pc	24	43.00	-0.2	SJG	128.29	33	e(PKP)	30	24.00	-8.7X									
			PP	28	31.00						i	30	31.20		*	DEC	03,	1985	02h	41m	30.42±	0.86s
BUH	93.47	331	eP	24	42.20	-1.2	8OG	134.17	52	ePKP	30	44.50	0.1			22.374 S	± 9.5km		179.672 W		±10.3km	
GWF	93.51	331	eP	24	42.80	-0.8	CAR	134.24	39	iPKP	30	44.50	0.3			DEPTH =	601.4 ±	8.5 km				
WLF	93.61	332	Pd	24	43.20	-0.7		0.8s		107.46nm						5.3mb (	8 obs.)					
			PP	28	32.40		LNV	151.70	112	iPKPc	31	13.00	-0.2		SOUTH OF FIJI ISLANDS						(171)	
SNF	93.71	334	iPc	24	43.70	-0.7					i	31	20.00									
			PP	28	33.60		ROCH	152.11	110	ePKPc	31	14.40	0.2		NDF	5.33	329	iPd	43	06.00	-0.5
DOU	93.91	333	iPc	24	44.40	-0.9					i	31	21.20		NOU	12.84	268	iPc	44	17.30	-0.1
	1.0s	88.90nm				5.8mb	TACH	152.12	112	ePKP	31	21.00	7.1X		DZM	12.86	269	iPd	44	17.00	-0.7
VLS	94.21	317	eP	24	45.60	-1.4	SAN	152.37	111	ePKPc	31	14.50	0.2					iS	46	40.20		
MOF	94.58	331	eP	24	47.20	-1.4					i	31	22.00		CRZ	13.76	208	P	44	27.10	0.8
VITF	94.79	331	eP	24	48.40	-1.0	PEL	152.37	110	iPKPc	31	14.50	0.1		KRP	16.04	194	P	44	48.00	-0.3
ROF	94.81	331	eP	24	48.00	-1.5	PCH	152.47	112	ePKP	31	14.50	0.0		BRS	25.46	253	P	46	14.70	0.2
SCH	95.27	15	eP	24	51.00	-0.5				e	31	22.20			COO	26.68	246	iPc	46	25.60	0.5
ACO	95.42	44	ePd	24	54.30	1.8	BACH	152.52	111	ePKPc	31	15.00	0.4		RMO	29.00	255	iPd	46	46.20	1.0
FIR	95.64	326	ePKP	24	53.00	-0.3				i	31	22.70				0.8s	179.00nm				5.7mb	
OZO	96.45	46	ePd	24	55.50	-1.7	AT8	153.52	30	e(PKP)	31	16.00	-0.4		CTA	31.80	268	iPd	47	09.60	0.7
LTX	96.90	52	iP	25	00.30	0.9				i	31	24.00				0.6s	60.00nm				5.4mb	
	0.8s	84.23nm				6.0mb	RFA	154.01	115	ePKPd	31	16.50	-0.1					i	49	43.00		
			pP	26	39.50	430km	TPZ	155.50	83	PKPd	31	21.80	2.5X		CTAO	31.80	268	iPd	47	09.80	0.9
OCO	97.21	44	e(P)	25	01.40	0.8	SLA	156.52	90	ePKPc	31	20.20	-0.1			0.6s	81.30nm				5.5mb	
TUL	98.00	43	eP	25	04.20	0.1	VBA	158.10	126	ePKPc	31	20.60	-1.0		CMS	31.96	246	eP	47	10.00	-0.1
	1.3s	52.80nm				5.7mb	ITR	161.89	357	ePKP	31	24.40	-1.8		TOO	33.55	235	iPd	47	24.20	0.8
RLO	98.29	42	ePc	25	05.50	0.0				e	31	49.80				0.5s	69.00nm				5.5mb	
JCT	98.89	49	eP	25	18.30	10.0X				i	32	13.50			PMG	34.32	287	eP	47	31.00	1.0
	1.3s	67.31nm				5.9mb				e	32	39.30			STK	35.59	246	eP	47	40.00	-0.3
BHO	99.58	44	ePc	25	11.50	0.2				e	36	01.50			ADE	38.35	242	iPd	48	02.80	-0.1
	1.3s	10.70nm				5.1mb				e	44	44.00			ASPA	42.60	259	iPd	48	37.40	0.5
FVM	99.70	38	eP	25	11.10	-0.7	SOB1	162.32	5	iPKPd	31	27.10	0.4			0.8s	52.00nm				5.1mb	
OTT	100.82	25	ePdiff	25	16.00	-0.4					i	32	16.60		WRA	42.83	264	Pc	48	38.40	-0.3
MLS	101.05	331	ePdiff	25	17.40	-0.2	IT81	166.40	84	PKPc	31	30.40	0.4			0.4s	8.60nm				4.6mb	
MNT	101.50	24	ePdiff	25	20.00	0.6	ITB	166.59	84	PKPc	31	30.20	0.0		WBN	48.87	254	iPd	49	24.40	-0.3
NAI	102.78	275	ePdiff	25	28.00	1.9	ITB7	166.69	85	e(PKP)	31	30.40	0.2		KNA	48.99	268	eP	49	26.00	0.4
NPA	106.54	261	iPKP	29	52.00	0.9		S.D. = 1.1		on 404 of 424 obs.					MBL	55.85	259	iPd	50	14.00	-0.6
MAW	110.05	203	ePKP	29	56.00	-0.2									KLB	55.86	246	iPd	50	13.80	-0.7
IKZ	110.39	269	iPKPd	29	59.10	0.4	*	DEC	03,	1985	01h	20m	03.39±	1.33s		0.7s	58.00nm				5.0mb	
	0.8s	3.00nm						27.870 N	±16.2km		140.821 E		±15.4km		MEK	55.91	252	eP	50	14.00	-1.0
			i	32	51.60			DEPTH =	89.6 ±	17.2 km					NWAO	56.15	245	eP	50	16.00	-0.5
TET	111.97	263	iPKP	30	01.00	-0.3		4.1mb (	1 obs.)						RKG	56.22	243	eP	50	16.00	-0.9
AVE	112.78	331	iPKP	30	02.50	0.0	BONIN ISLANDS REGION							(212)	BAL	56.89	247	iPc	50	20.90	-0.6
			i	30	59.00										MUN	57.12	246	iPd	50	22.80	-0.3
MTD	113.98	263	iPKPc	30	05.70	0.3	CBI	1.43	122	eP	20	29.00	0.3			0.8s	28.00nm				4.5mb	
			iSKP	32	58.40					eS	20	51.00			MRWA	57.71	249	eP	50	26.50	-0.6
			iPKKP	40	49.90		SSE	17.39	285	P	24	00.00	-1.7		NAU	59.45	256	eP	50	39.40	0.6
			i	40	57.90			N 10s		0.60um					SOB1	128.84	123	ePKP	59	33.50	0.7
MZZ	114.16	269	iPKPc	30	06.00	0.1				e(S)	27	22.00			ITR	131.02	125	e(PKP)	59	37.00	0.1
			i	31	09.80					esS	27	36.00			NB2	140.62	352	PKP	59	41.40	-12.1X
			i	32	58.90		NJ2	19.48	288	Pc	24	26.50	0.8			1.4s	6.40nm					
KRI	115.74	263	iPKPd	30	08.80	0.0	WHN	23.24	283	Pc	25	06.50	3.1X		HFS	141.11	349	ePKP	59	49.80	-4.5X
			iSKP	33	01.40		BJI	23.69	307	eP	25	06.50	-1.2			0.5s	1.60nm					
			iPKKP	40	50.00					eS	29	25.00				S.D. = 0.7		on	30	of	32	obs.
BNG	115.87	290	iPKPd	30	07.90	-1.1				eSS	30	17.00										
	0.9s	77.00nm					TIY	25.72	300	P	25	28.00	1.0		*	DEC	03,	1985	02h	47m	08.73±	1.67s
			id	30	08.50		XAN	27.97	291	eP	25	48.00	0.5			5.005 S	±22.1km		154.748 E		±12.9km	
			id	31	18.00		BTO	28.30	305	Pc	25	50.00	-0.5			DEPTH =	80.1 ±	15.6 km				
			ic	31	43.90					eS	30	32.00				4.1mb (	2 obs.)					

03d 00h

KRP	72.41	152	P	22	57.00	0.4	UPP	81.69	335	iP	23	45.10	-1.8	KCT	88.14	315	iP	24	17.50	-1.5
			PcP	23	23.00			0.6s	500.00nm			6.4mb		REY	88.18	352	iP	24	19.90	1.3
			pP	24	28.00	411kmX				i	23	46.80	5kmX		1.0s	1.60nm			3.8mb X	
KEV	72.63	340	iPd	22	57.30	-0.3				i	26	59.70		BCK	88.22	312	iP	24	17.10	-2.4
	1.0s	432.00nm			6.0mb		BUT	81.84	42	iPd	23	49.30	1.1	KSP	88.26	328	iPd	24	18.50	-0.8
			eS	31	44.00		MNA	81.90	51	iPd	23	44.40	-4.2X		1.1s	523.00nm			6.3mb	
			esPS	35	04.00		HRY	81.93	41	iPd	23	49.50	0.9	EDC	88.39	315	iP	24	24.00	3.9X
			esSS	39	27.00		LRM	82.01	42	iPd	23	49.90	0.7	PSZ	88.41	325	iP	24	19.40	-0.8
YKA	72.99	28	eP	22	50.20	-9.6X	CCMT	82.21	43	iPd	23	50.50	0.3	PVL	88.42	319	iPd	24	19.00	-1.2
RSNT	73.00	28	iPd	22	59.50	-0.3	SYP	82.40	55	eP	23	52.00	0.8	DIM	88.82	317	iP	24	22.00	0.0
	0.8s	395.77nm			6.1mb		SXM	82.59	42	iPd	23	52.60	0.6	PRNI	88.84	304	iPd	24	22.40	0.0
YKC	73.05	28	iPd	22	59.60	-0.5	FFC	82.66	31	iPd	23	51.90	0.0	RSON	88.99	31	eP	24	22.20	-0.5
	0.8s	666.00nm			6.3mb			0.7s	403.00nm			6.2mb			0.8s	265.49nm			6.1mb	
SOD	73.99	338	iP	23	04.80	-0.6	CWC	82.89	53	eP	23	54.00	0.3				pP	26	00.40	427km
PGC	74.05	43	eP	23	07.00	1.0	EUR	82.90	49	iP	23	51.50	-2.3	ELL	89.06	311	iPc	24	23.10	-0.4
	0.9s	389.00nm			6.0mb		HFS	82.97	336	eP	23	51.70	-1.7	KDZ	89.20	317	iPd	24	24.00	0.2
MCW	74.42	43	P	23	09.70	1.5		0.7s	341.20nm			6.2mb		SRO	89.29	325	iPd	24	23.70	-0.4
IR2	74.53	302	iPd	23	09.30	0.1	Z	15s	0.59um			5.1MszX					i	25	41.00	326kmX
TRO	75.02	342	iP	23	10.70	-0.4				LR	59	29.00					i	27	58.70	
KJF	75.29	335	iPd	23	11.80	-0.9	ISA	82.97	54	eP	23	54.00	0.0				e	35	40.80	
	1.0s	642.00nm			6.3mb		NB2	83.19	338	P	23	50.40	-4.2X	PLD	89.31	318	eP	24	25.00	0.7
			eS	32	12.00		NRA0	83.30	337	eP	23	53.30	-1.7	BRG	89.32	329	iPd	24	23.00	-1.2
			esS	35	06.00		CLC	83.52	53	eP	23	58.00	1.3		1.2s	270.00nm			6.0mb	
MSZ	75.54	160	P	23	14.20	0.0	RTB	83.58	304	iP	23	56.00	-1.0				ipP	26	12.50	486kmX
			S	24	48.00		PAS	83.90	55	eP	23	59.00	0.4				ipPP	29	35.70	
SHI	75.56	296	eP	23	14.00	-1.1	MWC	83.95	55	eP	24	00.00	0.9				iS	34	32.30	
COR	75.74	47	iPc	23	15.00	-0.6	GSC	84.34	53	eP	24	02.00	1.2	CLL	89.44	330	iPd	24	23.80	-0.9
DAG	75.75	355	iPc	23	13.80	-1.2	RVR	84.55	55	eP	24	02.00	0.2		1.4s	410.00nm			6.1mb	
	0.9s	134.45nm			5.6mb		HYA	84.73	340	iP	24	01.50	-0.6	ZST	89.65	326	iPc	24	25.30	-0.4
PNT	76.09	42	iPd	23	18.60	1.2	KONO	84.76	337	iP+	24	01.80	-0.5		1.4s	413.00nm			6.1mb	
SUF	76.68	334	iP	23	19.40	-1.0	PPE	85.22	320	iPc	24	04.00	-0.8				i	27	39.60	
	0.7s	284.90nm			6.1mb		PLM	85.24	55	eP	24	05.00	-0.4				i	28	03.60	
FHC	76.81	51	iPd	23	23.60	2.0	SUE	85.25	340	iP	24	05.30	0.6				e	35	43.00	
			e	24	55.30	409kmX	BDW	85.37	44	eP	24	06.30	0.3	EZN	89.66	315	iPd	24	24.60	-1.3
EDM	77.84	36	iPd	23	26.80	-0.1		1.0s	164.00nm			5.8mb		PRU	89.66	328	iPd	24	25.00	-0.8
	1.0s	559.00nm			6.2mb					pP	25	42.80	423km		1.2s	264.00nm			6.0mb	
WDC	77.91	51	iPd	23	28.30	0.8	DOC	85.43	321	iP	24	06.00	0.2				e	24	59.00	132kmX
KER	77.91	302	ePc	23	07.50	-20.3X	TPC	85.46	54	eP	24	07.00	0.7				e	28	07.50	
NEW	78.04	42	iPd	23	28.70	0.6	ANTO	85.48	313	iP	24	05.80	-0.5	GOL	89.71	45	eP	24	26.10	-0.5
			e	23	40.00	37kmX		0.7s	135.32nm			5.8mb			1.1s	145.51nm			5.8mb	
NUR	78.52	333	iPd	23	29.40	-0.9				pP	25	42.30	423km	GLD	89.77	45	eP	24	28.30	1.5
			eS	32	46.00		ODD	85.51	339	iPd	24	05.60	-0.5		1.3s	344.83nm			6.1mb	
			esS	34	44.00		ASK	85.57	340	iP	24	05.80	-0.4	VTS	89.91	319	iPd	24	28.00	1.0
			esPS	36	00.00		BER	85.60	339	iP+	24	06.40	0.0	YER	89.93	312	iPd	24	26.80	-0.6
			eSS	37	40.00		BAR	85.70	56	eP	24	08.00	0.5	VKA	89.99	326	iPd	24	26.80	-0.5
			eSSS	41	27.00		ODB	85.79	320	eP	24	10.00	2.4		1.0s	567.00nm			6.4mb	
SLY	78.59	304	iPc	23	31.00	-0.2	TLB	85.90	319	iPd	24	07.00	-1.1	PRK	90.03	315	eP	24	27.00	-0.6
MIN	78.65	51	ePd	23	31.20	-0.5	VRI	85.93	320	iPd	24	07.50	-0.8	SOP	90.26	326	iPd	24	27.70	-0.9
LDM	79.01	41	iPd	23	34.00	0.7	BRD	85.95	320	ePc	24	10.00	1.6		1.3s	407.70nm			6.2mb	
ORV	79.07	51	iPd	23	33.90	0.2	AKU	86.21	351	iP	24	10.10	0.9	MOX	90.53	330	iPd	24	29.00	-0.8
ZSP	79.23	53	iPd	23	35.90	1.3		1.0s	136.00nm			5.7mb			1.4s	306.00nm			6.0mb	
BRK	79.26	53	ePd	23	35.00	0.3	CVO	86.27	320	iPd	24	09.50	-0.5				ePP	28	09.00	
BKS	79.28	53	iPd	23	35.60	0.8	PSN	86.32	318	iPc	24	12.00	1.9				eSS	40	50.00	
	0.7s	647.00nm			6.4mb		ISR	86.46	320	ePd	24	11.00	0.1				LR	10	30.00	
PCC	79.33	53	iPd	23	35.90	0.8	KMY	86.54	339	iP	24	10.50	-0.4	HOF	90.65	330	iPKPd	24	29.30	-1.1
GCC	79.81	54	eP	23	38.20	0.6	BHL	86.56	306	PKP	24	11.00	-0.7	KHC	90.71	328	iPd	24	29.80	-0.9
			e	25	13.60	425km	COP	86.58	333	iPc	24	10.30	-0.8		1.0s	403.00nm			6.3mb	
MHC	79.93	53	ePd	23	39.00	0.6		0.7s	191.78nm			6.0mb					e	24	48.00	64kmX
MSL	79.98	306	eP	23	40.00	1.5				i	25	56.00	469kmX				e	28	09.00	
SAO	80.33	54	e(P)	23	41.00	0.6				i	27	40.00					e	29	43.00	
BHD	80.42	302	eP	23	41.50	0.7	MLR	86.60	320	iPd	24	10.00	-1.7	WIT	90.98	334	iPc	24	32.30	0.5
JAS1	80.54	52	iPd	23	42.10	0.6	BMR	86.66	323	iPc	24	12.50	0.8	WET	91.03	329	iPd	24	31.10	-1.0
			e	25	40.40	549kmX	FRB	86.76	12	ePc	24	11.60	-0.3		1.4s	269.00nm			6.0mb	
			e	26	51.60			0.6s	41.00nm			5.4mb		VAY	91.06	318	iPd	24	31.50	-0.9
PRS	80.57	54	ePd	23	42.50	0.9	HRI	86.81	306	iPd	24	13.30	0.4	KMR	91.20	327	iP-	24	28.40	-4.5X
LLA	80.75	54	ePd	23	43.60	1.0	GLA	86.87	54	eP	24	14.00	0.9	EDU	91.28	341	iPd	24	32.30	-0.8
AFR	80.78	115	eP	23	45.00	2.1	HRT	86.99	315	iP	24	13.00	-0.5	SKO	91.32	319	iPd	24	33.00	-0.6
	0.9s	45.00nm			5.1mb		KRA	87.02	326	iPd	24	12.70	-0.7		0.1s	460.00nm			7.3mb X	
PAE	81.01	115	eP	23	46.00	2.0		1.0s	404.00nm			6.2mb		GRF	91.39	330	iPd	24	33.30	-0.5
	0.9s	25.00nm			4.9mb X		Z	18s	2.00um			5.6Msz			1.2s	542.00nm			6.4mb	
PMO	81.01	112	iP	23	45.70	1.6	N	18s	1.30um					Z	20s	0.40um			4.9Msz	
	0.9s	55.00nm			5.2mb		E	18s	1.30um					ELO	91.55	341	ePd	24	33.60	-0.8
PPN	81.06	115	eP	23	46.00	1.7				i	24	13.40	2kmX		1.0s	147.00nm			5.9mb	
	0.9s	55.00nm			5.2mb					i	24	20.00					e	28	17.00	
PRI	81.17	54	iPd	23	46.20	1.3				i	24	24.00		WTS	91.55	333	iPc	24	34.00	-0.4
TPT	81.23	112	iP	23	46.80	1.6	ISK	87.24	315	iP	24	13.00	-1.6		1.0s	145.00nm			5.9mb	
	0.9s	40.00nm			5.1mb		MUD	87.27	335	iPc	24	13.70	-0.8	ESY	91.69	340	ePd	24	34.20	-0.8
TVO	81.34	115	eP	23	47.00	1.1		1.0s	340.00nm			6.1mb			0.9s	103.00nm			5.8mb	
	0.9s	55.00nm			5.2mb					i	25	57.00	456kmX				i	28	19.60	
VAH	81.35	112	iP	23	47.20	1.4				i	27	44.00		ALQ	91.73	49	iPd	24	36.90	1.0
	0.9s	20.00nm			4.8mb X		SPC	87.42	325	iPd	24	16.00	0.4		1.0s	285.00nm			6.2mb	
FRI	81.47	53	iPd	23	46.80	0.6				e	35	08.50					e	26	20.00	451kmX
			e	25	23.20	428km	DMK	87.62	316	iP	24	16.20	-0.3	EDI	91.86	341	eP	24	34.80	-1.0
RUV	81.53	112	iP	23	48.00	1.3	CSS	87.67	308	eP	24	16.00	-0.8	EBL	91.94	340	ePd	24	35.30	-0.9
	0.9s	35.00nm			5.0mb		JER	87.96	305	iPd	24	15.50	-2.9X		1.1s	192.00nm			6.0mb	
BMN	81.60	49	eP	23	48.00	0.9	JMB	87.97	317	iP	24	18.00	-0.1	EAB	91.97	341	iPd	24	35.80	-0.5
			pP	25	24.60	428km	DEV	88.07	322	ePd	24	13.50	-5.0X				e	28	22.30	

SOLOMON ISLANDS (193)

BGA	1.22	159	iPd	47 30.90	0.0
			eS	47 47.00	
PAA	1.48	150	iPd	47 33.80	-0.5
			eS	47 55.00	
RAB	2.69	287	iPd	47 51.00	0.3
			iS	48 23.00	
BIAL	3.69	265	eP	48 04.00	-0.6
VSG	6.49	131	eP	48 44.00	0.4
			eS	49 54.00	
SVO	6.50	130	P	48 51.00	7.3X
			S	49 50.00	
PMG	8.71	239	eP	49 15.00	0.8
CTA	17.12	208	iPd	51 08.10	3.7X
	0.9s		5.88nm		3.8mb
WRA	24.80	231	Pd	52 24.40	-0.5
	0.5s		6.90nm		4.3mb
	S.D. = 0.8		on 7 of 9 obs.		

DEC 03, 1985 03h 26m 14.16± 0.75s
44.041 N ±11.0km 10.716 E ± 6.4km
DEPTH = 11.7 ± 5.9 km
NORTHERN ITALY (545)
ML 3.1 (LDG), 2.9 (K8A).

CVF	2.00	223	Pn	26 48.20	0.1
			Sn	27 09.70	
TRI	2.73	51	iP	26 58.20	-0.5
FRF	2.98	262	Pn	27 02.30	0.1
			Sn	27 33.40	
VOY	3.01	47	ePn	27 02.10	-0.5
			eSn	27 38.00	
LMR	3.13	258	Pn	27 04.60	0.4
LPG	3.18	299	Pn	27 06.40	1.2
			Sn	27 41.90	
LRG	3.21	261	Pn	27 05.90	0.5
LJU	3.37	52	ePn	27 07.90	0.3
			eSn	27 47.20	
KBA	3.55	30	iPnd	27 12.00	1.6
			iSn	27 55.30	
			iSg	28 12.80	
CDR	3.60	266	eP	27 14.70	3.8X
			e	27 15.10	
			eSn	27 50.20	
BSF	4.68	326	Pn	27 26.60	0.3
			Sn	28 17.30	
CDF	4.98	333	Pn	27 29.40	-1.2
			Sn	28 24.20	
KHC	5.46	20	eP	28 02.00	24.7X
			e	28 36.50	
BGF	6.09	297	Pn	27 45.60	-0.6
	S.D. = 0.9		on 12 of 14 obs.		

DEC 03, 1985 03h 40m 26.73± 0.65s
43.995 N ± 8.1km 10.748 E ± 4.8km
DEPTH = 10.8 ± 3.4 km
CENTRAL ITALY (381)
ML 3.5 (LDG), 3.4 (KBA).

CVF	1.98	225	Pn	41 01.10	0.5
			Sn	41 22.90	
TRI	2.75	50	iP	41 11.10	-0.4
			i	41 44.00	
FRF	3.00	263	Pn	41 14.30	-0.8
			Sn	41 46.70	
VOY	3.02	47	iPnc	41 15.20	-0.2
			eSn	41 51.50	
SCE	3.12	12	ePn	41 17.40	0.5
CEY	3.14	55	ePn	41 17.30	0.2
			eSn	41 54.30	
LMR	3.15	259	Pn	41 16.00	-1.1
			Sn	41 50.60	
LPG	3.22	299	Pn	41 20.10	1.6
			Sn	41 55.60	
LRG	3.23	262	Pn	41 17.90	-0.4
			Sn	41 53.00	
LJU	3.38	51	ePn	41 21.00	0.6
			eSg	42 00.50	
KBA	3.58	30	iPnd	41 24.10	0.6
			iPg	41 34.70	
			iSn	42 07.20	
			iSg	42 25.70	
CDR	3.62	267	eP	41 25.50	1.6
			eSn	42 02.70	
BSF	4.73	326	Pn	41 40.10	0.4
			Sn	42 32.10	
CDF	5.03	333	Pn	41 43.50	-0.5
			Sn	42 37.10	
HAU	5.05	324	Pn	41 43.80	-0.3
			Sn	42 37.80	
KHC	5.50	20	iPg	41 49.30	-1.2
			Sg	42 51.50	
LBF	5.62	304	Pn	41 52.60	0.3
			Sn	42 53.40	
LOR	5.83	307	Pn	41 54.80	-0.5
			Sn	42 57.40	
BGF	6.14	297	Pn	41 59.10	-0.4
			Sn	43 05.70	
	S.D. = 0.9		on 19 of 19 obs.		

* DEC 03, 1985 04h 35m 01.78± 0.86s
42.386 N ±12.8km 142.269 E ±26.3km
DEPTH = 88.6 ± 13.4 km
4.2mb (4 obs.)
HOKKAIDO, JAPAN REGION (224)

URA	0.44	121	iPc	35 16.50	0.4
			iS	35 26.80	
OBI	0.88	52	eP	35 20.00	-0.3
			iS	35 31.50	
TSK	6.39	196	eP	36 33.30	-1.8
DDR	6.81	202	eP	36 42.00	1.0
OYM	7.34	200	eP	36 48.70	0.4
COL	44.28	35	eP	43 04.00	0.2
WRA	62.45	188	Pd	45 17.90	0.3
	0.5s		1.00nm		4.1mb
SUF	63.53	332	iP	45 24.80	0.4
	0.3s		1.20nm		4.3mb
NUR	65.56	331	iP	45 38.00	0.5
HFS	69.50	335	eP	46 02.80	0.6
	0.4s		2.70nm		4.5mb
NB2	69.52	337	P	46 00.60	-1.8
	0.7s		2.20nm		4.1mb
	S.D. = 1.1		on 11 of 11 obs.		

DEC 03, 1985 05h 08m 20.94± 0.78s
44.584 N ± 5.9km 111.105 W ±10.8km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 2.7 (NEIS).

IMW	0.70	170	eP	08 35.40	0.5
CCMT	1.30	285	eP	08 47.10	1.4
LCCM	1.37	337	eP	08 46.40	-0.4
TMI	1.41	205	eP	08 47.00	-0.5
LRM	1.56	323	ePn	08 50.40	0.8
SXM	1.57	357	ePn	08 49.50	-0.2
HPI	1.68	239	eP	08 50.50	-0.9
BUT	1.76	325	ePg	08 54.20	1.7
			eSn	09 15.80	
BDW	2.12	148	eP	08 58.00	0.2
HRY	2.19	347	ePn	08 58.20	-0.4
NEW	5.55	314	e(P)	09 44.00	-2.3
	S.D. = 1.2		on 11 of 11 obs.		

DEC 03, 1985 06h 29m 05.74± 0.55s
10.544 S ± 7.5km 41.034 E ± 9.7km
DEPTH = 10.0km (geophysicist)
4.9mb (2 obs.)
NORTHWEST OF MADAGASCAR (574)

NPA	4.84	201	iP	30 20.00	-0.4
			iS	31 11.00	
TET	9.15	232	iP	31 21.00	0.2
	0.5s		100.00nm		6.4mb X
			iS	32 59.00	
NAI	10.12	335	eP	31 34.00	-0.5
	1.0s		30.00nm		5.7mb X
MTD	11.08	235	iPn	31 47.50	0.1
			iSn	33 48.10	
			iLg	34 55.10	
KRI	12.73	239	iPn	32 09.30	-0.5
			iSn	34 25.00	
BUL	15.30	230	iPn	32 43.90	0.2
			iSn	35 29.10	
			iLg	37 15.00	
GBA	43.36	57	P	37 09.00	-1.2
NUR	72.01	352	iP	40 32.00	0.6
SUF	73.94	353	iP	40 43.30	0.6
	0.6s		4.70nm		4.7mb
KJF	75.21	354	iP	40 50.00	0.0
	0.7s		12.00nm		5.0mb
WRA	89.53	110	P	42 06.00	0.8
	S.D. = 0.7		on 11 of 11 obs.		

* DEC 03, 1985 09h 15m 28.90± 0.88s
28.009 N ±21.3km 140.611 E ±12.4km
DEPTH = 33.0km (normal)
BONIN ISLANDS REGION (212)

CBI	1.67	123	eP	15 56.00	-0.2
			eS	16 18.00	
SHK	9.40	316	eP	17 45.10	0.0
SSE	17.18	285	P	19 27.00	-0.9
	N 12s		0.60um		
			eS	22 50.00	
			sS	23 03.00	
NJ2	19.26	287	Pc	19 55.00	1.5
CN2	19.93	326	eP	19 54.00	-6.7X
			eS	23 25.00	
TIA	21.47	298	eP	20 14.10	-2.6X
WHN	23.03	283	eP	20 35.50	3.4X
BJI	23.46	307	eP	20 37.00	0.8
TIY	25.49	300	Pc	20 54.00	-1.8
XAN	27.74	290	eP	21 15.20	-1.3
NDI	55.18	287	eP	25 02.50	1.7
COL	57.21	29	eP	25 14.00	-0.9
YKA	72.00	28	eP	26 52.10	1.1
	S.D. = 1.4		on 10 of 13 obs.		

* DEC 03, 1985 09h 19m 47.59± 0.95s
7.203 S ±12.2km 129.724 E ±14.3km
DEPTH = 184.6 ± 19.2 km
BANDA SEA (280)

SLKI	1.74	116	eP	20 22.30	-0.3
			iS	20 46.70	
TLE	3.39	63	iPc	20 43.20	1.5
			iS	21 16.30	
AAI	3.81	336	iPd	20 46.00	-1.0
KNA	8.55	186	iPc	21 48.40	-0.6
	0.2s		70.00nm		5.7mb X
WRA	13.43	161	Pc	22 51.50	-0.7
	0.6s		11.10nm		4.5mb X
WB2	13.44	161	iPc	22 51.20	-1.0
			iS	25 15.00	
M8L	16.85	214	eP	23 35.90	1.5
ASPA	16.85	167	eP	23 36.00	1.6
WBN	19.07	189	iPc	24 02.80	4.5X
CTA	20.52	130	eP	24 12.00	-1.0
	S.D. = 1.5		on 9 of 10 obs.		

? DEC 03, 1985 09h 52m 06.21± 0.90s
73.630 N ±12.3km 7.192 E ±15.8km
DEPTH = 10.0km (geophysicist)
GREENLAND SEA (640)

KBS	5.43	10	eP	53 29.50	0.4
			eS	53 35.20	
DAG	7.30	308	eP	53 55.00	-0.3
			i	55 12.00	
SOD	8.99	124	iP	54 17.50	-1.3
KJF	11.91	132	iP	54 58.70	-0.1
	0.7s		24.00nm		5.6mb X
			i	55 05.10	
SUF	12.93	138	iP	55 13.10	0.7
	0.6s		6.70nm		5.0mb X
HFS	13.78	166	(P)	55 35.90	12.3X
	0.6s		4.50nm		
NUR	14.72	144	iP	55 36.50	0.6
	0.6s		19.60nm		4.8mb X
			i	55 46.20	
CLL	22.54	170	eP	57 24.00	16.9X
MOX	23.15	173	eP	57 21.00	7.9X
PRU	23.94	168	eP	57 35.00	14.2X
KHC	24.74	170	eP	57 36.50	7.9X
YKA	38.75	321	eP	59 37.10	5.5X
	S.D. = 1.0		on 6 of 12 obs.		

DEC 03, 1985 10h 50m 28.67± 1.40s
1.683 N ± 6.5km 97.284 E ± 5.8km
DEPTH = 57.8 ± 11.8 km
4.8mb (16 obs.)
NORTHERN SUMATERA (706)

KLM	4.58	72	eP	51 59.00	22.0X
IPM	4.71	52	ePc	51 39.10	0.1
			i	52 28.50	
			iS	53 04.10	
KGM	6.04	87	iPc	51 57.80	0.2

03d 10h

	1.0s	169.00nm		5.4mb		
		e	52	12.90		
		i	53	45.50		
KHT	13.08	6 eP	53	44.00	10.3X	
NST	14.18	11 eP	53	55.00	6.9X	
		e	58	20.50		
BDT	15.56	6 eP	54	05.00	-0.9	
LOE	16.22	15 eP	54	06.00	-8.4X	
CHG	17.10	5 iPc	54	24.00	-1.4	
	1.0s	17.50nm		4.2mb		
		eS	57	40.00		
CHTO	17.10	5 eP	54	23.80	-1.6	
	1.1s	14.72nm		4.1mb		
KKM	19.37	77 ePd	54	53.00	0.2	
QIZ	21.18	35 eP	55	11.90	0.5	
KOD	21.45	294 eP	55	19.00	4.5X	
PPR	22.79	69 ePd	55	29.00	1.6	
GBA	22.93	302 Pc	55	30.70	1.9	
	0.9s	7.30nm		4.1mb		
MKS	23.20	107 iPd	55	32.00	0.6	
KMI	23.89	12 iPc+	55	40.00	1.7	
	4.0s	0.50nm		2.4mb X		
N	14s	2.80um				
		sP	56	11.00		
		eS	00	05.00		
		S	00	06.00		
		sS	00	42.00		
HYB	24.15	311 ePc	55	41.60	0.9	
	1.0s	30.00nm		4.7mb		
GYA	26.23	19 Pd	56	00.40	0.1	
		pP	56	08.00	27kmX	
HKC	26.26	37 e(P)	56	01.00	0.6	
BAG	27.21	56 eP	56	09.00	-0.4	
PKI	28.14	337 iP	56	18.00	0.1	
	1.0s	58.00nm		5.2mb		
DMN	28.29	337 iP	56	19.80	0.6	
	0.8s	61.00nm		5.3mb		
KKN	28.39	337 iP	56	20.20	0.2	
POO	28.43	308 iP	56	20.30	0.0	
LSA	28.47	349 eP	56	20.40	-0.5	
		S	01	04.00		
CD2	29.71	11 eP	56	31.00	-0.6	
MBL	31.66	137 iPd	56	55.10	6.3X	
	0.6s	6.00nm		4.6mb		
WHN	32.95	28 eP	57	00.00	0.1	
NDI	32.98	326 eP	56	59.00	-1.2	
XAN	33.98	17 Pc	57	07.80	-1.1	
		S	02	30.00		
LZH	34.77	9 iPc	57	15.50	-0.3	
GTA	37.62	3 iPc	57	39.60	-0.2	
TIY	38.47	19 iPd	57	47.10	0.2	
QUE	40.40	318 eP	58	03.70	0.6	
BTO	40.42	15 P	58	04.00	1.0	
		eS	04	09.50		
BJI	41.86	22 eP	58	16.00	1.3	
N	17s	0.80um				
		eS	05	04.00		
WRA	42.22	122 Pd	58	17.30	-0.7	
	1.0s	10.20nm		4.5mb		
KSH	42.31	335 eP	58	20.00	1.4	
WMQ	42.82	350 iPc	58	23.50	0.9	
		pP	58	31.00	25kmX	
		S	04	45.00		
ASPA	43.62	128 eP	58	29.00	-0.3	
SHK	46.43	41 eP	58	50.90	-0.7	
SNY	46.44	27 eP	58	51.10	-0.4	
CN2	48.84	27 Pc	59	09.60	-0.6	
		eS	06	04.00		
MDJ	51.41	29 eP	59	30.00	0.2	
		pP	59	39.00	30kmX	
CTA	52.64	117 iPd	59	39.40	-0.1	
	1.0s	19.00nm		5.1mb		
		iS	07	03.00		
YOU	59.77	132 eP	00	30.50	0.2	
BRS	60.65	123 P	00	36.50	0.1	
SLR	71.91	242 eP	01	57.00	8.6X	
MLR	75.78	317 eP	02	10.00	-0.4	
BNG	78.65	274 iPd	02	25.80	-1.0	
	0.5s	7.00nm		4.9mb		
		ic	02	34.90		
BCAO	78.66	274 eP	02	25.70	-1.1	
	0.8s	3.48nm		4.4mb		
KJF	79.69	335 iP	02	32.00	0.6	
	0.8s	20.50nm		5.1mb		
SUF	79.93	334 iP	02	33.40	0.7	
NUR	80.04	331 eP	02	27.00	-6.3X	
SOD	81.09	338 iP	02	39.10	0.4	
ZST	82.20	318 i(P)	02	45.20	0.3	
PRU	84.04	320 eP	02	55.00	0.7	
HFS	85.35	330 eP	03	00.90	0.3	
	0.5s	3.20nm		4.7mb		
NB2	86.63	331 P	03	04.80	-2.2	
	0.9s	5.10nm		4.7mb		
DAG	94.17	348 iPc	03	41.60	-0.3	
	0.7s	3.42nm		4.9mb		
RLO	140.63	16 e(PKP)	09	51.80	-2.2X	
BHO	142.35	17 ePKP	09	54.30	-2.8X	
	1.0s	3.40nm				
JCT	144.11	26 ePKP	09	59.00	-1.2	
	1.0s	17.50nm				
	S.D. = 0.9	on 53 of 63 obs.				
	DEC 03, 1985 12h 42m 34.42± 0.26s					
	11.330 S ± 4.6km 118.263 E ± 5.7km					
	DEPTH = 33.0km (normal)					
	5.0mb (17 obs.)					
	SOUTH OF SUMBAWA ISLAND				(291)	
KHKI	3.94	318 iPd	43	36.80	2.7	
		iS	44	17.10		
		e	52	58.20		
MKS	6.19	11 iPd	44	08.00	2.1	
		iS	45	36.00		
MBL	9.89	171 eP	44	54.00	-3.4X	
PCI	10.47	9 eP	45	09.20	3.8X	
KNA	11.12	114 eP	45	13.00	-1.2	
	0.2s	50.00nm		6.4mb X		
NAU	11.46	193 eP	45	15.00	-3.9X	
		eS	47	11.00		
AAI	12.43	53 iPc	45	36.00	4.1X	
		eS	48	17.50		
SLKI	13.27	77 eP	45	41.60	-1.5	
		iS	47	57.80		
MEK	15.21	179 iPc	46	05.90	-2.6	
		eS	48	40.00		
TLE	15.40	70 ePd	46	10.30	-0.7	
WBN	16.69	153 eP	46	26.00	-1.5	
		eS	49	20.00		
KKM	17.38	353 ePd	46	36.90	0.6	
	0.7s	42.30nm		4.7mb		
WRA	17.68	121 Pc	46	37.90	-2.1	
	1.3s	88.70nm		4.7mb		
WB2	17.69	121 iPc	46	37.80	-2.3	
		i	46	41.00		
		iS	49	43.30		
MRWA	17.92	186 eP	46	40.00	-2.9	
	0.3s	47.00nm		5.1mb		
		eS	49	42.00		
BAL	19.24	184 iPc	46	58.00	-0.8	
		eS	50	15.00		
ASPA	19.29	132 iPc	46	59.60	0.0	
	0.6s	128.00nm		5.4mb		
		eS	50	22.00		
KLG	19.58	172 eP	47	02.00	-0.8	
KGM	19.91	311 ePc	47	06.70	0.3	
KLB	20.17	181 eP	47	08.00	-1.0	
		e	47	12.00		
		eS	50	34.00		
MUN	20.64	185 eP	47	12.00	-1.8	
		e	47	18.00		
		eS	50	45.00		
PPR	20.97	1 iPd	47	16.00	-1.3	
	1.0s	124.00nm		5.3mb		
NWAO	21.52	182 eP	47	22.00	-0.7	
	0.3s	108.00nm		5.7mb		
		e	47	29.00		
		eS	51	08.00		
ISO	22.47	117 eP	47	33.00	0.7	
		eS	51	39.00		
RKG	22.66	183 eP	47	40.00	5.9X	
	0.3s	24.00nm		5.1mb		
		e	47	51.00		
		eS	51	47.00		
IPM	23.32	312 ePd	47	41.10	0.4	
	0.6s	39.80nm		5.1mb		
		e	48	11.60		
TZZ	23.49	77 eP	47	43.00	0.6	
MAN	25.97	6 eP	48	01.60	-4.4X	
CTA	28.28	111 iPc	48	28.00	0.9	
	0.9s	13.03nm		4.6mb		
CTAO	28.28	111 eP	48	28.20	1.1	
	0.8s	12.04nm		4.6mb		
PMG	28.48	89 e(P)	48	48.00	19.1X	
STK	29.69	137 eP	48	40.00	0.4	
		e	54	22.00		
ADE	29.99	145 iPc	48	42.70	0.4	
	1.0s	32.00nm		5.1mb		
RMQ	32.44	122 eP	49	05.00	1.1	
LOE	32.89	330 eP	49	06.00	-1.9	
BFD	33.75	144 eP	49	16.00	0.9	
CHG	35.50	327 eP	49	30.50	0.2	
CHTO	35.50	327 eP	49	30.10	-0.2	
	1.0s	8.50nm		4.6mb		
YOU	35.72	135 iPc	49	33.50	1.4	
TOO	35.76	142 iPc	49	34.60	2.2	
	0.8s	54.00nm		5.5mb		
BRS	36.11	121 P	49	36.80	1.3	
COO	36.57	127 eP	49	42.00	2.6	
CAN	36.71	136 iPc	49	41.90	1.5	
WAM	37.11	137 iPc	49	45.70	2.0	
GYA	39.22	343 P	50	02.00	0.4	
KMI	39.27	337 Pd-	50	03.50	1.3	
VSG	40.81	91 iP	50	15.00	0.1	
WHN	41.80	355 P	50	22.50	-0.1	
SSE	42.27	4 eP	50	27.20	0.7	
NJ2	43.14	1 Pc	50	34.00	0.5	
CD2	44.25	342 P	50	42.30	-0.4	
XAN	45.98	349 Pd	50	55.20	-1.2	
DZM	47.19	110 iPc	51	07.20	0.9	
NOU	47.22	110 iPc	51	07.50	1.1	
GBA	47.47	300 P	51	07.20	-1.2	
LSA	48.44	328 Pd	51	16.00	-0.4	
HYB	48.53	306 eP	51	15.80	-0.9	
LZH	49.08	345 iPd	51	21.00	0.2	
	2.0s	127.00nm		5.6mb		
TIY	49.09	354 eP	51	19.30	-1.4	
PKI	50.09	321 iPd	51	28.40	-0.5	
DMN	50.31	321 iPd	51	30.20	-0.3	
KKN	50.33	321 iPd	51	29.90	-0.7	
BJI	51.14	358 eP	51	35.50	-0.7	
		e	14	34.00		
BTO	52.22	352 eP	51	43.60	-1.0	
HHC	52.28	354 eP	51	43.60	-1.4	
POO	52.91	304 eP	51	43.50	-6.5X	
SNY	53.12	5 eP	51	49.60	-1.4	
GTA	53.32	342 iPd	51	52.20	-0.6	
MSZ	53.86	138 P	51	57.20	0.7	
CN2	55.25	6 Pc	52	04.50	-2.2	
NDI	56.17	316 eP	52	11.00	-2.6	
MDJ	56.62	10 Pd	52	15.00	-1.5	
TCW	57.20	132 P	52	21.00	0.2	
WMQ	61.54	335 Pd	52	50.40	-0.3	
KSH	64.01	325 eP	53	08.00	0.8	
NPA	76.64	257 iP	54	26.00	1.7	
		i	54	46.00		
IR2	78.81	310 (P)	54	35.00	-1.0	
MTD	83.66	254 iPc	55	03.70	1.9	
IKZ	83.80	261 iPd	55	04.60	2.0	
	0.7s	2.30nm		4.4mb		
		i	55	24.10		
KRI	85.51	254 eP	55	12.50	1.4	
BUL	85.84	250 iPc	55	14.10	1.3	
LSZ	87.14	255 iPd	55	20.90	1.7	
	0.5s	12.20nm		5.4mb		
		i	55	38.80		
MZZ	87.26	259 iPd	55	21.60	1.8	
	1.3s	2.50nm		4.3mb		
		i	55	32.00		
		i	55	41.20		
EUR	124.56	50 iPKP	01	34.00	1.3	
	0.2s	3.35nm				
TPZ	147.18	173 iPKP	02	19.00	4.1X	
ITR	149.40	230 ePKP	02	23.30	5.2X	
		e	02	33.20		
		e	02	44.90		
BDF	149.89	207 iPKPc	02	25.10	6.2X	
SOB1	150.91	226 iPKPc	02	27.70	7.3X	
		e	02	35.30		
		e	02	37.30		
		e	02	42.20		
		e	02	49.10		
		e	02	53.00		
CNCB	151.37	167 PKPc	02	30.50	8.8X	
LPB	151.61	167 PKPc	02	31.00	9.1X	
	1.0s	60.00nm				
ZOBO	151.86	167 ePKP	02	30.50	8.1X	
	1.2s	33.78nm				
	S.D. = 1.4	on 76 of 91 obs.				
%	DEC 03, 1985 12h 58m 52.74± 1.23s					
	60.174 N ± 6.0km 4.877 E ±13.7km					

DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.6 (BER).

ASK	0.35	27	iPg	58	59.90	0.0
			iSg	59	05.40	
SUE	0.89	356	iPg+	59	09.70	0.0
			eSg	59	21.70	
ODD	0.93	103	iPg	59	10.40	0.0
			eSg	59	22.90	
KMY	0.98	169	ePn	59	11.40	0.0
			iPg	59	12.30	
			eSn	59	25.60	
			iSn	59	27.20	
HYA	1.19	32	iPnd	59	14.90	0.1
			eSn	59	30.10	

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

DEC 03, 1985 13h 02m 02.41± 1.35s
60.188 N ± 6.2km 4.776 E ±14.2km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
DUR 2.6 (BER).

ASK	0.36	35	iPg	02	09.60	-0.2
			iSg	02	15.20	
SUE	0.87	360	iPg	02	19.40	0.3
			iSg	02	32.00	
ODD	0.98	103	iPn	02	21.30	0.3
			iPg	02	22.30	
			iSn	02	33.40	
			iSg	02	36.20	
KMY	1.01	166	ePn	02	21.30	-0.2
			iPg	02	22.40	
			eSn	02	34.70	
			iSg	02	37.00	
HYA	1.20	35	iPn	02	24.60	-0.2
			eSn	02	41.10	

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

DEC 03, 1985 13h 40m 22.20± 0.68s
42.287 N ± 6.3km 19.951 E ± 5.9km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 2.8 (TTG).

PVY	0.31	3	iPgc	40	28.90	0.2
			eSg	40	34.00	
TTG	0.53	286	iPgc	40	32.40	-0.5
			iSg	40	41.50	
IVA	0.59	356	ePg	40	34.00	-0.1
			eSg	40	43.00	
ULC	0.61	238	ePg	40	43.10	8.5X
			eSg	40	46.00	
BDV	0.83	270	ePg	40	38.80	0.5
			iSg	40	52.50	
SKO	1.15	105	iPn	40	43.60	-0.1
OHR	1.34	151	iPn	40	46.90	0.0
VAY	2.18	115	ePn	41	01.60	2.5X
VOY	5.74	313	ePn	41	52.00	2.4X
			eSn	42	59.40	

S.D. = 0.5 on 6 of 9 obs.

• DEC 03, 1985 14h 10m 20.20± 0.65s
14.394 S ±10.5km 166.340 E ±11.7km
DEPTH = 33.0km (normal)
4.4mb (3 obs.)
VANUATU ISLANDS (186)

DZM	7.64	179	iPc	12	09.70	-2.4
			iS	13	35.90	
NOU	7.87	179	iPc	12	15.50	0.2
			iS	13	42.00	
HNR	7.97	308	eP	12	20.00	3.4X
SVO	8.24	309	P	12	21.00	0.5
VSG	8.26	308	eP	12	20.00	-0.7
NDF	11.19	109	eP	13	03.00	2.0
CTA	19.99	251	iPc	14	54.20	1.2
	1.2s		17.97nm		4.3mb	
			iS	18	50.00	
RMQ	20.37	231	eP	14	58.00	1.1
KRP	24.82	162	(P)	15	45.00	4.3X
SPA	75.70	180	ePd	22	03.00	-1.0
	0.8s		2.08nm		4.2mb	
COL	86.31	18	eP	22	57.00	-2.7
	0.8s		9.33nm		5.1mb	
			pP	23	07.00	31kmX
SOB1	144.23	129	ePKP	29	52.80	-2.6X
CVF	145.86	330	ePKP	29	56.60	-0.8
FRF	146.13	333	ePKP	29	57.60	-0.2
	0.8s		8.00nm			
LRG	146.34	333	ePKP	29	58.40	0.3
	1.0s		9.60nm			
LMR	146.37	333	ePKP	29	58.20	0.0
BNG	146.77	256	iPKPd	30	01.20	1.5
	0.8s		14.00nm			
			id	30	10.00	
BCAO	146.78	256	ePKP	30	00.70	1.0
	0.8s		2.56nm			

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

• DEC 03, 1985 16h 01m 35.41± 1.27s
6.828 N ±24.1km 73.125 W ±26.5km
DEPTH = 139.6 ± 19.1 km
NORTHERN COLOMBIA (99)

BMG	0.25	12	iP	01	55.80	-0.3
FUQ	1.48	204	eP	02	04.00	-0.7
BOG	2.38	203	iP	02	16.50	1.1
			iS	02	47.00	
UAV	2.64	48	iPnc	02	18.90	0.3
	0.3s		204.90nm			
CHN	3.09	233	eP	02	25.00	0.7
SDV	3.21	50	iPnd	02	25.70	-0.1
	0.2s		57.80nm			
PSO	6.99	217	eP	03	16.00	-1.0

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

• DEC 03, 1985 16h 06m 43.48± 2.84s
43.394 N ±18.8km 0.667 W ± 7.7km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)

OGE	0.27	148	P	06	49.06	-0.1
ATE	0.31	185	Pd	06	50.18	0.3
			S	06	56.18	
ESCF	0.32	168	Pd	06	50.26	0.1
			S	06	56.12	
ISSF	0.38	194	Pd	06	51.48	0.2
BOH	0.39	221	P	06	51.19	-0.2
JAU	0.42	148	Pd	06	51.67	-0.4
EPF	0.82	116	Pg	06	59.60	0.2
			Sg	07	11.40	

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

• DEC 03, 1985 17h 43m 54.75± 1.24s
50.452 N ±15.1km 18.879 E ± 7.2km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.5 (VKA), 3.2 (KBA).

KRA	0.79	120	ePgd	44	09.70	-0.4
			iSg	44	21.40	
SPC	1.54	144	iPn	44	23.00	0.5
			e(Sn)	44	44.30	
			e	15	52.50	
KSP	1.69	284	iPnc	44	25.00	0.5
	0.7s		53.00nm			
			iPg	44	28.00	
			iS	44	51.00	
ZST	2.54	208	e(P)	44	36.50	-0.1
			i	44	43.50	
			i	45	05.20	
			i	45	24.40	
			e	04	42.70	
SRO	2.67	188	i(P)	44	45.90	7.4X
			i	45	26.40	
			e	46	16.60	
			e	15	37.50	
VKA	2.76	218	ePn	44	47.00	7.2X
			iSg	45	22.20	
PRU	2.82	262	ePn	44	39.50	-1.2
			Pg	44	48.20	
			eSg	45	25.50	
BRG	3.17	280	ePg	44	54.00	8.5X
			iSg	45	38.00	
KHC	3.68	251	Pn	44	53.00	0.1
			Pg	45	02.00	
			Sg	45	53.00	
CLL	3.82	285	ePg	45	08.00	13.2X
			iSg	46	02.20	
WET	4.10	254	ePn	44	59.40	0.6
MOX	4.64	275	ePg	45	15.00	8.6X
			eSg	46	23.00	
KBA	4.98	229	ePn	45	11.50	0.1
			iSg	46	27.80	
GRF	4.99	264	ePg	45	28.20	16.8X
			eSg	46	33.30	

S.D. = 0.7 on 8 of 14 obs.

DEC 03, 1985 17h 52m 23.95± 0.17s
6.766 N ± 3.4km 72.937 W ± 3.0km
DEPTH = 163.8km (10 depth phases)
5.1mb (68 obs.)
NORTHERN COLOMBIA (99)
Felt strongly in the Manizales-Bogota region; also felt at Bucaramanga. Felt in the Tachira-Merida area, Venezuela.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 24C
Centroid Location:
Origin Time 17:52:29.4 0.8
Lat 7.10N 0.08 Lon 73.34W 0.11
Dep 153.4 3.8 Half-duration 1.7
Moment Tensor; Scale 10**24 D-CM
Mrr= 0.18 0.07 Mtt= 0.82 0.08
Mff=-1.00 0.10 Mrt= 0.40 0.06
Mrf=-0.45 0.07 Mtf= 0.42 0.09
Principal Axes:

	Val=	Plg=	Azm=
T	1.04	22	353
N	0.25	59	127
P	-1.28	20	255

Best Double Couple:Mo=1.2*10**24
NP1:Strike= 34 Dip=59 Slip= 179
NP2: 124 89 31

BMG	0.33	336	eP	52	45.60	-2.2
FUQ	1.51	212	iP	52	56.00	0.6
UAV	2.55	44	iPnc	53	09.10	2.1
	0.3s		950.80nm			
SDV	3.11	47	iPnd	53	16.00	2.1
	0.2s		510.50nm			
CHN	3.21	236	iP	53	14.00	-1.2
LGN	3.74	26	iPn	53	23.00	1.2
CAR	7.01	58	iPnd	54	05.00	-0.3
	0.7s		575.34nm		6.1mb	
PSO	7.06	219	eP	54	05.00	-1.2
CUM	9.41	66	iPnd	54	35.30	-1.8
TRN	12.03	71	iP	55	10.50	-0.8
SJG	13.07	30	iPd	55	22.00	-2.8
BIM	13.97	56	eP	55	37.79	1.7
FDF	14.02	55	eP	55	36.15	-0.6
MVM	14.13	56	eP	55	39.76	1.6
BBL	14.21	51	eP	55	36.00	-3.1X
CRM	14.22	55	eP	55	37.05	-2.2
PAG	14.36	49	eP	55	40.00	-1.1
SEG	14.73	48	eP	55	46.00	0.4
BPA	14.89	46	eP	55	40.00	-7.6X
GCM	14.91	327	eP	55	47.00	-0.9
GIE	18.86	247	iPd	56	33.90	-0.2
			i	56	44.70	
NNA	19.03	192	iPd	56	35.20	-0.8
	1.1s		25.32nm		4.5mb	
			eS	00	08.50	
COM	21.02	298	eP	56	53.00	-3.2X
ATB	22.96	115	e(P)	57	17.00	2.0
ARE	23.12	176	e(P)	57	17.00	0.1
PBJ	23.99	296	iP	57	25.50	0.6
VHO	25.46	296	iP	57	39.00	0.2
TPM	28.16	298	iP	58	04.50	1.2
JSC	28.44	345	P	58	06.10	0.7
LHS	28.52	346	P	58	06.60	0.5
TKL	30.43	342	P	58	23.50	0.5
PIM	30.43	295	iPc	58	25.00	1.8
RSCP	30.96	340	eP	58	30.20	2.5
	0.7s		138.05nm		5.8mb	
BLA	31.06	348	P	58	30.00	1.4
	1.2s		310.45nm		5.9mb	
SLA	32.13	167	eP	58	36.20	-1.9
BDF	33.34	132	iPd	58	49.10	0.4
PRIN	33.49	358	P	58	50.80	1.3
ELC	33.81	336	P	58	52.10	-0.2
BHO	34.13	327	iPc	58	54.80	-0.3
TBR	34.25	358	P	58	57.30	1.3
JCT	34.52	316	eP	58	57.50	-1.1
	1.0s		40.00nm		5.1mb	
FVM	34.89	335	iPc	59	01.90	0.3
BING	35.27	356	P	59	06.20	1.6
RLO	35.57	328	e(P)	59	05.80	-1.5

03d 17h

SOB1	35.66	116	eP	59	09.40	1.1					(PcP)	03	46.50				0.8s	5.30nm		4.3mb									
			e	59	23.70	55kmX	IFR	67.81	57	eP	03	07.00	0.3	PPT	79.41	251	IP	04	14.40	0.6									
TUL	35.78	327	iPc	59	08.20	-0.8				i	03	12.00	16kmX		1.0s	40.00nm		5.1mb											
	0.9s	229.50nm				5.9mb				i	03	46.50		PAE	79.43	251	iP	04	14.60	0.7									
OCO	36.42	325	iPc	59	13.70	-0.7	TOL	69.51	50	e(P)	03	35.00	18.2X		1.0s	60.00nm		5.3mb											
LTX	36.63	312	iP	59	16.20	-0.2				e	03	56.00	80kmX	AFR	79.59	251	iP	04	15.60	0.8									
	0.8s	21.02nm				4.9mb	SIT	69.54	329	eP	03	16.50	-0.1		1.0s	55.00nm		5.2mb											
DLA	36.75	349	P	59	17.80	0.8	LPF	72.91	42	eP	03	35.80	-1.1	IMA	80.09	336	P	04	17.20	0.4									
LDN	36.85	350	P	59	18.95	1.0	EKA	73.01	34	P	03	43.00	5.7X				pP	05	04.20	193kmX									
ELF	37.02	350	P	59	20.25	0.9		1.2s	31.70nm				4.9mb	IMA	80.09	336	ePc	04	25.50	8.7X									
QZO	37.06	323	iPc	59	17.50	-2.3	GRR	73.09	42	eP	03	36.70	-1.2	SVW	80.58	331	eP	04	19.10	-0.2									
RSNY	37.66	358	eP	59	25.20	0.5		0.6s	5.40nm				4.5mb	GRF	81.10	41	e(P)	04	25.00	2.8X									
	1.1s	101.16nm				5.4mb	EPF	73.19	47	eP	03	37.80	-0.9	N82	81.29	29	P	04	22.60	-0.3									
ACO	38.21	325	iPc	59	28.50	-0.9		0.8s	3.20nm				4.1mb		0.9s	31.70nm		5.0mb											
	0.8s	52.70nm				5.3mb	MFF	73.30	43	eP	03	38.20	-1.0	NRA0	81.44	30	P	04	24.40	0.7									
OTT	38.56	357	ePc	59	33.10	1.0		1.0s	9.60nm				4.5mb	BRW	81.64	341	eP	04	25.50	0.9									
	0.7s	85.00nm				5.6mb	FLN	73.39	41	eP	03	38.60	-1.0	WET	82.19	41	iPc	04	29.10	1.2									
MNT	38.59	359	iPc	59	33.80	1.4		0.8s	16.10nm				4.8mb	CLL	82.23	39	iPc	04	35.10	7.1X									
	1.0s	310.00nm				6.0mb	LDF	73.60	41	eP	03	39.80	-1.1				e	04	56.00	77kmX									
VAO	38.99	140	eP	59	36.00	-0.1		0.8s	8.00nm				4.5mb				e	05	09.00										
			e	00	10.60	158km	LFF	73.70	45	eP	03	40.30	-1.2	HFS	82.50	30	eP	04	29.20	0.0									
ROCH	39.56	177	eP	59	40.00	-0.8		0.8s	5.30nm				4.3mb		0.5s	3.10nm		4.3mb											
LNV	40.52	178	eP	59	50.10	1.7	YAH	73.74	331	eP	03	43.20	1.4	K8A	82.56	43	eP	04	30.00	0.0									
RFA	41.53	174	ePd	59	55.60	-1.2	MBC	73.89	350	iPc	03	42.40	0.3		1.1s	19.30nm		4.8mb											
ALO	41.68	317	iPc	59	58.90	0.7		0.5s	97.00nm				5.8mb				i	04	36.20	20kmX									
	0.9s	25.21nm				4.8mb	LPO	73.99	46	eP	03	42.40	-0.8				i	05	14.50											
LHC	43.76	344	iPc	00	14.40	-0.3		1.0s	8.00nm				4.4mb				i	05	35.30											
	1.0s	147.00nm				5.5mb	RJF	74.29	45	eP	03	43.70	-1.3	KHC	82.65	41	Pc	04	31.50	1.2									
GLD	43.79	323	eP	00	16.70	1.4		1.2s	14.20nm				4.6mb		1.0s	10.50nm		4.6mb											
	1.2s	242.42nm				5.7mb	LSF	74.40	44	eP	03	45.00	-0.6				e	05	11.70	161km									
GOL	43.85	323	iP	00	16.00	0.1		1.2s	14.80nm				4.6mb				e	05	26.00										
	0.8s	83.33nm				5.4mb	CAF	74.64	45	eP	03	46.00	-1.0	BRG	82.83	40	eP	04	32.50	1.4									
GLA	46.81	310	eP	00	40.00	0.9		0.8s	4.50nm				4.3mb				i	04	38.00	17kmX									
RSON	47.23	342	eP	00	43.00	0.9	MZF	75.13	44	eP	03	48.50	-1.3				i	05	21.00										
	0.8s	246.48nm				5.9mb		1.2s	77.30nm				5.3mb	VOY	82.98	44	eP	04	32.70	0.6									
SCH	48.17	5	ePc	00	49.40	0.2	BGF	75.34	44	eP	03	49.40	-1.6				e	05	13.00	162km									
	0.7s	211.00nm				5.9mb		1.0s	10.80nm				4.5mb	SDN	83.10	325	eP	04	32.70	0.4									
TPC	48.17	310	eP	00	50.00	0.3	GRC	75.57	43	iPd	03	50.50	-1.7	HSP	83.12	13	eP	04	14.00	-18.1X									
BDW	48.24	324	iPc	00	50.00	-0.3				i	04	31.60	168km	PRU	83.25	40	eP	04	33.50	0.3									
	1.0s	89.00nm				5.4mb	DAG	75.65	11	iPd	03	51.90	-0.2				e	05	14.50	165km									
PLM	48.49	309	eP	00	53.00	0.7		0.7s	65.75nm				5.5mb	LJU	83.42	44	eP	04	34.50	0.3									
GSC	49.23	312	eP	00	58.00	0.1	SSF	75.84	43	eP	03	52.50	-1.3				e	05	15.50	164km									
CLC	50.03	312	eP	01	04.00	0.1		1.0s	6.80nm				4.3mb	KSP	84.32	40	eP	04	39.50	0.9									
ISA	50.62	311	eP	01	08.00	-0.4	ALE	75.86	1	ePc	03	53.20	0.0	KRA	86.71	40	eP	04	51.40	1.0									
MNA	51.55	315	iPc	01	15.60	0.1		0.7s	38.00nm				5.2mb				e	04	57.40	19kmX									
LRM	51.72	325	iPc	01	16.50	-0.3	SMF	76.03	44	eP	03	53.40	-1.5	SOD	87.48	22	iP	04	53.00	-0.8									
BMN	51.81	317	eP	01	16.90	-0.5		0.8s	4.50nm				4.3mb	NUR	87.89	29	iP	04	45.10	-10.7X									
	1.1s	55.84nm				5.2mb	LOR	76.10	43	eP	03	53.90	-1.3	SUF	88.19	27	iP	04	58.30	1.0									
FRI	52.07	312	eP	01	17.60	-1.5		0.8s	8.00nm				4.5mb		0.4s	2.50nm		4.5mb											
LLA	52.84	311	eP	01	24.10	-0.7	LBF	76.16	43	eP	03	54.90	-0.7	OHR	88.41	49	e(P)	05	07.00	8.1X									
JAS1	52.96	313	iPc	01	24.90	-0.8		1.0s	4.80nm				4.2mb	KJF	88.57	25	iP	05	05.00	5.9X									
PRS	53.05	311	eP	01	24.40	-2.0	UCC	76.76	39	P	04	12.00	13.3X	VAY	89.70	49	eP	05	06.30	1.5									
FFC	53.20	339	iPc	01	26.30	-0.9	DOU	76.84	40	Pc	03	59.20	0.0	BCAO	90.94	85	eP	05	11.20	0.1									
	0.5s	57.00nm				5.6mb				PcP	04	05.60			0.8s	9.88nm		5.0mb											
MHC	53.63	312	ePc	01	30.80	0.0				pP	04	40.00	166km				pP	05	53.20	166km									
GCC	53.77	311	eP	01	31.40	-0.3	RUV	76.90	253	iP	04	00.70	0.6	BNG	90.95	85	iPc	05	11.30	0.1									
SES	53.84	331	iP	01	31.70	-0.3		1.0s	30.00nm				5.0mb		0.7s	20.00nm		5.3mb											
	0.5s	99.00nm				5.8mb	TPT	77.09	253	iP	04	01.80	0.7				ic	05	53.40	167km									
BKS	54.26	312	eP	01	35.40	0.1		1.0s	35.00nm				5.0mb				id	07	13.40										
	1.0s	65.00nm				5.4mb	VAH	77.15	253	iP	04	02.00	0.6	ADK	93.12	323	eP	05	20.40	0.1									
			e	01	48.90	49kmX		1.0s	20.00nm				4.8mb	SPA	96.72	180	iPd	05	36.90	0.3									
			e	02	12.30		PMO	77.35	253	iP	04	03.00	0.4		1.0s	6.50nm		5.0mb											
			ePcP	02	48.80			1.0s	55.00nm				5.2mb	WMO	126.69	17	PKPc	11	10.30	0.6									
BRK	54.28	312	e(P)	01	35.30	-0.1	PME	77.48	332	iPc	04	03.10	0.6	QUE	126.80	44	ePKP	11	12.00	1.5									
ORV	54.38	315	iPc	01	35.90	-0.2		1.0s	130.00nm				5.6mb	CN2	126.99	343	ePKP	11	09.60	-0.6									
CLX	54.61	327	iPc	01	37.10	-0.8	COL	77.50	335	iP	04	02.90	0.4	HHC	132.44	355	ePKP	11	22.00	1.2									
MIN	54.78	315	ePc	01	37.80	-1.3	F8A	77.50	335	ePc	04	03.00	0.5	GTA	133.57	8	PKPc	11	23.90	0.9									
LDM	54.85	327	iPc	01	39.00	-0.4		1.1s	34.40nm				5.0mb	LZH	137.27	4	ePKP	11	31.50	1.3									
LHD	54.87	326	iPc	01	39.30	-0.3	ENN	77.75	40	eP	04	04.00	-0.1	XAN	139.38	358	PKP	11	28.80	-5.2X									
RXF	54.98	327	iPc	01	40.00	-0.4		0.9s	52.00nm				5.3mb	CTA	139.77	247	ePKP	11	27.00	-8.0X									
YKM	55.30	327	iPc	01	42.70	0.0				e	04	10.50	21kmX	CD2	142.41	5	ePKP	11	35.50	-3.9X									
WDC	55.52	315	iPc	01	41.50	-2.8				e	04	33.00		GBA	144.29	55	PKP	11	41.00	-1.9									
NEW	55.74	326	iPc	01	44.90	-0.9	MEM	77.79	40	P	04	05.00	0.6	ISO	145.62	243	ePKP	11	45.00	-0.1									
	0.8s	32.70nm				5.2mb	WLF	77.81	41	P	04	06.50	2.0				e	12	35.00										
FHC	56.62	315	eP	01	52.10	-0.1				PcP	04	11.50		KOD	146.03	60	ePKP	11	48.00	1.7									
EDM	56.76	332	iPc	01	51.60	-1.3				pP	04	46.20	161km	GYA	146.97	1	PKP	11	48.60	1.3									
FRB	56.96	2	ePc	01	52.80	-1.2	LPG	77.98	45	eP	04	04.20	-1.8	KMI	148.03	7	ePKP	11	50.00	0.8									
	0.4s	43.00nm				5.7mb		0.8s	2.60nm				4.0mb X	ASPA	149.23	234	ePKP	11	51.00	0.2									
PNT	57.70	326	iPd	01	59.80	0.3	BSF	78.12	43	eP	04	05.10	-1.4				e	12	35.00										
	0.9s	89.00nm				5.6mb		0.8s	5.30nm				4.3mb	GZH	149.70	348	ePKP	11	54.50	3.0X									
PGC	59.58	324	eP	02	12.80	-0.4	WIT	78.36	38	eP	04	15.20	7.8X	W82	150.46	241	ePKP	11	53.20	0.5									
YKC	63.32	340	iPc	02	36.00	-1.3	WTS	78.39	38	ePc	04	08.50	0.9				i	11	58.00										
	0.9s	116.00nm				5.8mb		0.8s	35.00nm				5.1mb				i	12	39.30										
RSNT	63.36	340	eP	02	37.20	-0.3				e	04	12.00	11kmX	WRA	150.47	241	PKPc	11	53.70	1.0									
	0.7s	147.02nm				6.0mb				e	04	29.00			0.4s	8.00nm													
YKA	63.38	340	eP	02	37.40	-0.3				e	04	48.00		RKG	151.31	197	ePKP	12	00.50	6.9X									
KIC	67.79	86	eP	03	05.50	-0.6	CDF	78.48	42	eP	04	07.10	-1.3	NWAO	152.31	199	ePKP	12	03.00	7.9X									

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WBN    153.22 222 ePKP  12 04.00    7.4X
CHG    153.35  17 ePKP  11 58.50    1.5
CHTO   153.35  17 ePKP  11 58.30    1.4
KLB    153.35 201 ePKP  11 57.00    0.4
MUN    153.50 198 ePKP  12 08.00   11.2X
     S.D. = 1.1  on 183 of 205 obs.

   DEC  03, 1985  18h 12m 39.49± 0.40s
   36.642 N ± 4.7km   26.851 E ± 3.6km
   DEPTH = 152.9 ±  4.7 km
   4.7mb ( 41 obs.)
 DODECANESE ISLANDS                (369)

YER      1.25  66 iPn   13 07.50    0.4
ELL      2.46  87 iPn   13 21.40    0.6
PRK      2.64 350 ePd   13 23.40    0.5
ATH      2.83 299 ePd   13 26.50    1.2
                 iS     14 00.00
BCK      3.10  74 iPn   13 29.40    0.5
EZN      3.21 353 iPn   13 29.80   -0.3
EDC      3.78  12 iP    13 37.30   -0.3
KCT      3.79  18 iP    13 27.20  -10.5X
HRT      4.72  27 iP    13 49.70   -0.3
ISK      4.74  21 iP    13 49.70   -0.6
VLS      5.21 289 eP    13 56.00   -0.6
                 eS     14 52.50
DMK      5.22   7 iP    13 56.30   -0.4
KZN      5.41 314 ePc   14 00.50    1.2
CSS      5.53 106 eP    13 59.00   -1.8
ANTO     5.68  54 iP    14 04.40    1.5
       0.9s   173.06nm          5.3mb
                 pP     14 54.20
VAY      5.74 326 iPn   14 04.70    1.1
OHR      6.50 315 iPn   14 14.70    0.8
SKO      6.78 323 ePn   14 16.00   -1.6
BHL      7.70 108 Pnd   14 26.50   -3.6X
                 Sn     15 47.00
HLW      7.74 150 iPc   14 30.00   -0.5
                 iS     14 48.00
ADI      7.75 115 iP    14 28.50   -2.1
                 eS     15 52.00
JER      8.45 123 eP    14 36.50   -3.5X
                 eS     16 07.50
NOH      8.99 129 iP    14 45.50   -1.8
                 eS     16 22.00
LJU     13.17 319 eP    15 43.00    1.3
                 e      15 47.00
TRI     13.37 317 eP    15 45.60    1.4
                 e      18 13.20
VOY     13.50 318 eP    15 46.00    0.0
                 i      15 54.40
                 e      18 17.00
ZST     13.59 331 i(P)  15 51.40    4.4X
KRA     14.31 342 eP    16 00.40    4.3X
KBA     14.47 320 iPd   15 59.00    0.7
       1.1s   130.00nm          5.2mb
                 i      16 01.80
KHC     15.79 326 iPc   16 15.00    0.4
       1.0s    32.00nm          4.6mb
                 e      16 42.60
OSS     15.99 314 eP    16 20.30    3.1X
PRU     16.04 330 P     16 19.00    1.4
KSP     16.09 335 iPd   16 19.00    0.8
WET     16.12 325 iPc   16 18.90    0.3
       1.0s    23.00nm          4.5mb
FUR     16.24 320 iPc   16 20.00   -0.1
VDL     16.28 313 eP    16 23.20    2.4
LLS     16.75 313 eP    16 27.30    0.7
SAX     16.75 315 eP    16 27.40    0.7
FRF     16.91 300 iPc   16 27.40   -0.9
       0.9s    40.60nm          4.8mb
LMR     16.94 299 iPc   16 27.30   -1.4
       1.1s    29.30nm          4.5mb
BRG     16.97 331 e(P)  16 30.00    1.0
MMK     16.98 309 eP    16 30.00    0.6
LRG     17.08 300 iPc   16 29.50   -0.8
       1.1s    58.60nm          4.8mb
GRF     17.28 324 eP    16 31.90   -0.8
DIX     17.34 309 eP    16 33.40   -0.4
HOF     17.41 326 eP    16 33.50   -0.9
ZUL     17.42 314 eP    16 34.20   -0.4
LPG     17.51 307 iPc   16 34.90   -1.0
       0.8s    36.20nm          4.8mb
CDR     17.56 300 eP    16 35.30   -0.8
EMS     17.63 308 eP    16 36.60   -0.6
CLL     17.68 330 iP    16 36.60   -0.8
       0.7s    20.00nm          4.6mb
                 i      16 48.00
MOX     17.77 327 eP    16 39.00    0.6
       1.6s    62.00nm          4.7mb
BUH     18.17 317 eP    16 42.80   -0.2
MOF     18.34 314 ePn   16 45.20    0.4
ROF     18.39 313 ePn   16 46.00    0.7
BSF     18.53 313 eP    16 45.30   -1.6
       1.0s    20.00nm          4.4mb
CDF     18.55 315 eP    16 46.60   -0.5
       1.0s    68.00nm          4.9mb
GWF     18.67 317 ePn   16 47.40   -0.8
HAU     18.88 313 eP    16 49.80   -0.6
       0.8s    25.20nm          4.6mb
VITF    19.19 314 ePn   16 53.20   -0.4
IR2     19.44  86 eP    16 57.00    0.6
SMF     19.82 307 iPc   16 59.00   -1.1
WLF     19.85 317 Pc    16 59.70   -0.6
LBF     19.87 308 iPc   16 59.50   -1.1
       0.8s    13.90nm          4.4mb
LOR     20.06 309 iPc   17 01.40   -1.1
       0.8s    23.30nm          4.7mb
AVF     20.19 307 eP    17 03.10   -0.7
       1.0s    56.80nm          5.0mb
SSF     20.20 308 iPc   17 03.20   -0.7
       0.9s    44.20nm          4.9mb
BGF     20.43 306 iPc   17 05.90   -0.4
       1.0s    42.00nm          4.8mb
CAF     20.45 302 eP    17 06.30   -0.2
       1.0s    26.80nm          4.6mb
MEM     20.46 320 Pd    17 07.20    0.8
MZF     20.49 305 iPc   17 06.40   -0.4
       1.0s    28.00nm          4.7mb
GRC     20.56 309 iPc   17 06.70   -0.8
ENN     20.59 320 eP    17 08.00    0.2
       0.8s    18.00nm          4.6mb
MLS     20.73 296 eP    17 08.70   -0.6
TCF     20.76 305 eP    17 09.20   -0.3
       1.0s    16.80nm          4.4mb
RJF     20.93 302 eP    17 10.90   -0.3
       1.0s    28.00nm          4.7mb
DOU     20.93 317 Pd    17 11.00   -0.2
       0.7s    27.80nm          4.8mb
                 i      17 12.70
LPO     21.00 300 eP    17 12.10    0.2
       0.8s    16.10nm          4.5mb
LSF     21.19 305 eP    17 17.80    3.9X
       1.0s    24.00nm          4.6mb
EPF     21.28 296 eP    17 15.30    0.5
       0.8s     6.70nm          4.1mb
SNF     21.32 318 P     17 16.20    1.1
LFF     21.37 301 eP    17 10.50   -5.1X
       0.8s    13.40nm          4.4mb
UCC     21.44 318 P     17 17.00    0.8
MFF     22.40 305 eP    17 25.30   -0.4
       1.0s     9.60nm          4.2mb
LDF     23.04 310 eP    17 31.30   -0.5
       0.6s    14.00nm          4.6mb
FLN     23.32 310 eP    17 33.60   -0.9
       0.4s    22.20nm          5.0mb
LPF     23.42 308 eP    17 35.00   -0.5
       0.6s    23.40nm          4.8mb
GRR     23.42 309 eP    17 34.40   -1.1
       0.6s    25.20nm          4.9mb
NUR     23.93 357 iP    17 40.30    0.1
       0.7s    18.70nm          4.7mb
HFS     24.98 344 eP    17 49.60   -0.5
       0.3s     7.90nm          4.7mb
SUF     26.11 359 eP    17 59.00   -1.4
IFR     26.29 273 iP    18 05.00    2.4
NB2     26.35 343 P     17 59.00   -3.8X
       0.7s     4.00nm          4.2mb
KJF     27.59   1 eP    18 23.00    9.2X
EKA     27.67 322 P     18 17.00    2.4
       1.3s    30.30nm          4.8mb
BNG     32.95 195 iPd   19 03.30    1.8
       1.0s     6.00nm          4.3mb
                 ic     19 21.10
BCAQ    32.95 195 eP    19 03.20    1.7
       0.5s     2.04nm          4.1mb
QUE     33.90  89 eP    19 10.50    0.7
KIC     41.73 231 eP    20 15.70    0.8
DMN     49.50  83 iP    21 17.40    0.8
       0.7s    50.00nm          5.3mb
KKN     49.56  83 iP    21 17.50    0.5
       0.5s    22.00nm          5.1mb
PKI     49.76  83 iP    21 19.20    0.6
GBA     50.55 103 P     21 25.00    0.7
     S.D. = 1.0  on  93 of 103 obs.

?  DEC  03, 1985  21h 06m 07.12± 3.50s
    5.793 S ±21.2km   81.835 W ±46.2km
    DEPTH =  33.0km  (normal)
    4.7mb (  2 obs.)
 NEAR COAST OF NORTHERN PERU       (109)

NNA      7.89 142 eP    07 53.70   -8.8X
       1.0s    11.00nm          4.9mb X
                 eS     09 06.00
ZOBO    17.00 129 e(P)  10 04.40   -0.3
       1.2s    67.57nm          4.7mb
     Z  19s     0.57um
                 LR     16 11.00
LPB     17.18 130 P     10 07.20    0.5
       1.0s    60.00nm          4.7mb
                 LR     16 02.00
CNCB    17.43 130 iP    10 10.00   -0.1
TPZ     22.05 136 Pd    11 01.00   -0.3
SLA     24.50 142 ePc   11 25.20    0.2
SOB1    40.71  97 eP    13 47.20    0.4
ITR     43.15  97 eP    14 06.30   -0.4
     S.D. = 0.4  on   7 of   8 obs.

   DEC  03, 1985  21h 58m 37.95± 0.74s
   24.877 N ± 5.8km   122.086 E ± 7.3km
   DEPTH =  10.0km  (geophysicist)
   4.6mb (  1 obs.)
 TAIWAN REGION                     (243)

TWC      0.34 219 iPc   58 45.00    0.0
                 eS     58 49.50
TWZ      0.51 296 iPc   58 48.60    0.3
TATO     0.55 280 iPc   58 49.30    0.2
ANP      0.60 301 iPc   58 51.00    0.9
       0.8s  1910.45nm
                 eS     59 12.80
TWD      0.91 209 ePd   58 55.50    0.2
OZH      3.17 272 ePn   59 27.40   -1.5
                 Sn     00 12.80
NJ2      7.69 339 Pc    00 29.50   -3.2X
                 Lg     02 47.00
GZH      8.19 259 eP    00 41.00    1.3
WHN      8.88 311 P     00 42.00   -7.2X
                 iLg    03 13.70
                 e      03 21.00
XAN     14.65 312 eP    02 06.00   -1.1
                 Lg     06 30.00
TIY     15.21 330 eP    02 17.50    3.0X
                 Lg     07 15.00
BJI     15.91 343 P     02 23.50    0.0
CD2     17.27 294 P     02 44.00    3.1X
KMI     17.54 275 eP    02 49.00    4.6X
     N  12s      0.80um
                 S      06 03.00
BTO     18.65 330 eP    03 00.80    2.9X
CN2     19.08   7 Pc    03 05.50    2.5X
MDJ     20.62  15 eP    03 21.00    1.1
GTA     23.70 313 eP    03 49.60   -1.2
WRA     46.12 164 Pc    07 04.10   -0.2
       0.5s     3.20nm          4.6mb
INK     72.28  22 eP    10 05.00   -0.1
     S.D. = 0.9  on  13 of  20 obs.

*  DEC  03, 1985  23h 07m 54.66± 1.70s
   24.384 N ± 6.0km   121.879 E ±18.2km
   DEPTH =  10.0km  (geophysicist)
 TAIWAN                            (244)

TWC      0.23 353 iPc   07 59.50    0.0
TWD      0.40 221 iPd   08 02.50   -0.3
                 eS     08 07.50
TATO     0.69 329 iPc   08 08.10   -0.2
                 eS     08 16.20
TWZ      0.76 339 iPc   08 09.60    0.1
TWO      0.96 264 iPd   08 13.10    0.2
TWF1     1.16 208 eP    08 16.50    0.2
     S.D. = 0.3  on   6 of   6 obs.

   DEC  03, 1985  23h 40m 51.74± 0.29s
   21.918 S ± 4.4km   63.623 W ± 4.3km
   DEPTH = 529.2 ±  4.3 km
   4.6mb ( 25 obs.)
 SOUTHERN BOLIVIA                  (125)

TPZ      2.00 283 iP    42 02.90    2.4
```

03d 23h

			iS	43 00.00		
SLA	3.28	211	iPc	42 08.70	1.0	
			(S)	42 59.80		
FSA	4.69	207	iPd	42 18.00	-0.3	
ANT	6.51	253	iP	42 33.80	-1.3	
			iS	43 53.80		
CNCB	6.54	320	iP	42 36.50	0.5	
			S	43 59.00		
LPB	6.82	321	iPc	42 39.00	0.4	
			S	44 05.00		
ZOBO	7.05	322	iPc	42 40.40	-0.6	
			S	44 21.00		
VCA	7.90	210	ePc	42 48.00	-1.5	
			S	44 21.00		
ITB1	8.91	110	Pc	43 00.00	0.8	
ITB	9.11	110	Pc	43 01.10	-0.2	
ARE	9.20	305	iPc	43 02.20	-0.3	
			iS	44 47.00		
IT87	9.24	112	Pc	43 02.50	-0.1	
ZON	10.60	204	eP	43 21.00	4.5X	
ROCH	12.81	209	iPd	43 38.90	-0.6	
PEL	12.81	208	iPc	43 39.20	-0.1	
			iS	45 39.80		
BACH	12.91	207	iPc	43 40.70	0.4	
PCH	13.15	206	iPd	43 42.80	0.0	
TACH	13.36	207	eP	43 44.50	-0.3	
CHCH	13.48	206	iP	43 45.70	-0.4	
RFA	13.49	197	iPd	43 46.10	-0.2	
LNV	13.82	208	iPd	43 48.40	-1.0	
VAO	15.44	97	eP	44 05.40	-0.4	
			e	44 17.30		
			e	46 49.00		
NNA	16.03	306	iPc	44 12.50	0.8	
	0.9s		46.22nm		5.1mb	
			e	46 14.00		
BDF	16.13	70	iPc	44 13.60	0.9	
ATB	21.58	32	e(P)	45 03.50	-0.8	
SOB1	25.23	63	iPd	45 37.00	-0.4	
			e	45 37.90		
			e	48 53.30		
ITR	27.54	66	eP	45 56.10	-1.5	
			e	45 59.00		
			e	46 00.60		
			e	46 19.50		
			e	48 57.80		
SJG	39.86	356	iPc	47 38.80	-2.0	
JCT	62.63	325	iP	50 25.50	-0.6	
	0.8s		37.31nm		4.9mb	
			e	50 58.00		
BHO	63.38	331	iPd	50 30.30	-0.5	
	0.5s		2.80nm		4.0mb	
KIC	64.14	71	iPd	50 35.50	-0.6	
RLO	64.96	332	ePd	50 39.60	-1.2	
TUL	65.08	332	iPd	50 40.60	-1.0	
	0.6s		55.80nm		5.3mb	
OCO	65.52	330	eP	50 43.50	-0.8	
QZO	65.89	328	iPd	50 43.00	-3.7X	
MNT	67.71	352	eP	50 56.50	-1.0	
OTT	67.89	351	eP	50 57.00	-1.6	
ALQ	69.64	323	eP	51 10.00	0.3	
	0.9s		6.93nm		4.2mb	
GLA	73.31	317	eP	51 32.00	1.2	
LHC	73.68	343	ePd	51 31.60	-0.9	
BAR	74.26	316	eP	51 37.00	0.9	
TPC	74.77	317	eP	51 40.00	1.0	
RVR	75.54	316	eP	51 44.00	0.8	
GSC	76.01	318	eP	51 47.00	1.1	
MWC	76.13	316	eP	51 48.00	1.4	
SBB	76.27	317	eP	51 47.00	-0.3	
SCH	76.47	358	eP	51 47.00	-0.8	
ISA	77.29	317	eP	51 54.00	1.2	
CWC	77.53	318	eP	51 55.00	0.8	
EUR	78.23	321	iP	51 59.00	1.0	
	0.3s		15.77nm		4.9mb	
FFC	83.10	339	eP	52 22.00	-0.3	
	0.8s		8.00nm		4.3mb	
BUL	84.86	109	iPd	52 31.20	0.2	
PNT	86.60	327	eP	52 40.00	0.5	
	0.7s		11.00nm		4.7mb	
KRI	86.76	107	iPd	52 42.70	1.6	
EPF	87.33	41	eP	52 43.70	0.5	
	0.6s		3.90nm		4.3mb	
MTD	88.52	107	eP	52 52.10	2.8	
LFF	88.62	40	eP	52 49.20	0.2	
	0.8s		6.40nm		4.5mb	
MFF	89.02	38	eP	52 50.80	0.0	
	0.6s		5.40nm		4.6mb	
LPF	89.32	37	eP	52 51.50	-0.6	
	0.8s		11.80nm		4.8mb	
CAF	89.40	40	eP	52 52.80	0.1	
	0.6s		3.00nm		4.4mb	
GRR	89.62	36	eP	52 52.90	-0.6	
	0.8s		11.80nm		4.9mb	
LSF	89.80	39	eP	52 54.20	-0.2	
	0.8s		4.00nm		4.4mb	
FLN	90.04	36	eP	52 54.90	-0.5	
	0.8s		10.70nm		4.8mb	
LDF	90.14	36	eP	52 55.40	-0.5	
	0.6s		7.20nm		4.8mb	
TCF	90.22	39	eP	52 56.00	-0.4	
	0.6s		1.80nm		4.2mb	
MZF	90.40	39	eP	52 57.10	-0.1	
	0.6s		2.70nm		4.4mb	
AVF	91.15	39	eP	53 00.20	-0.4	
	0.8s		2.60nm		4.3mb	
LRG	91.31	43	eP	53 02.00	0.6	
	0.6s		3.60nm		4.5mb	
LMR	91.35	43	eP	53 01.90	0.3	
	0.6s		3.60nm		4.6mb	
SMF	91.36	40	eP	53 01.70	0.1	
	0.6s		3.60nm		4.6mb	
LPG	92.55	42	eP	53 08.50	1.0	
	0.8s		4.50nm		4.6mb	
YKC	93.23	339	ePc	53 10.00	0.2	
	0.8s		12.00nm		5.0mb	
YKA	93.28	339	eP	53 10.40	0.3	
WRA	134.84	204	PKPd	59 12.20	-0.2	
	0.4s		2.60nm			
GBA	142.09	96	PKPc	59 21.60	-4.1X	
	1.0s		5.90nm			
HYB	144.16	90	iPKPd	59 28.60	-0.6	
	0.6s		63.30nm			
PKI	151.36	72	iPKP	59 41.30	0.6	
	S.D. = 0.9		on	74 of	77 obs.	

• DEC 04, 1985 00h 08m 27.82± 0.44s
13.877 S ± 9.2km 166.473 E ±13.1km
DEPTH = 33.0km (normal)
4.6mb (4 obs.)
VANUATU ISLANDS (186)

SVO	8.04	305	eP	10 25.00	-0.3	
DZM	8.15	180	iPc	10 25.70	-1.2	
NOU	8.39	180	iPc	10 30.50	0.4	
CTA	20.29	250	iPc	13 04.70	1.0	
	0.8s		12.31nm		4.3mb	
WRA	31.29	254	Pd	14 45.40	-1.9	
	0.5s		1.40nm		4.0mb	
COL	85.78	18	eP	21 04.00	-0.7	
PKI	88.61	299	eP	21 20.40	0.7	
	0.7s		4.00nm		4.8mb	
KKN	88.78	299	eP	21 21.20	0.9	
	0.6s		5.00nm		5.0mb	
SSF	143.98	340	ePKP	28 00.60	-1.1	
LPG	144.11	335	ePKP	28 00.60	-1.7	
SOB1	144.45	129	ePKP	28 05.10	1.6	
BGF	144.64	340	ePKP	28 01.70	-1.1	
MZF	145.02	340	ePKP	28 03.00	-0.5	
TCF	145.08	341	ePKP	28 03.00	-0.6	
LSF	145.33	342	ePKP	28 03.70	-0.3	
CVF	145.48	330	ePKP	28 03.40	-1.0	
MFF	145.49	344	ePKP	28 04.20	0.0	
FRF	145.73	334	ePKP	28 05.20	0.4	
LMR	145.97	333	ePKP	28 05.80	0.7	
CDR	146.01	335	ePKPc	28 05.50	0.3	
CAF	146.33	340	ePKP	28 06.50	0.7	
ITR	146.59	131	ePKP	28 06.60	-0.4	
BNG	147.02	257	iPKPc	28 09.80	2.1	
	0.7s		9.00nm			
			id	28 26.90		
BCAO	147.03	257	ePKP	28 09.80	2.0	
	0.8s		10.61nm			
	S.D. = 1.1		on	24 of	24 obs.	

• DEC 04, 1985 01h 18m 27.00± 0.81s
8.771 S ±10.3km 117.509 E ± 9.1km
DEPTH = 33.0km (normal)
3.2mb (1 obs.)
SUMBAWA ISLAND REGION (285)

KHKI	1.92	282	ePd	18 57.80	-0.2	
			eS	19 30.40		
			e	22 42.20		
MKS	4.03	29	iPc	19 27.60	-0.4	
TRT	4.94	282	iPd	19 41.30	0.4	
MBL	12.52	170	eP	21 25.00	-0.7	
			eS	23 42.00		
NAU	13.83	188	eP	21 48.00	5.0X	
			eS	24 20.00		
WBN	19.30	155	eP	22 56.50	4.2X	
WRA	19.71	126	Pc	22 57.70	0.9	
	0.5s		0.70nm		3.2mb	
	S.D. = 0.9		on	5 of	7 obs.	

DEC 04, 1985 01h 29m 14.83± 0.68s
44.609 N ± 5.0km 111.067 W ± 9.4km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 2.7 (NEIS).

IMW	0.72	173	eP	29 28.60	-0.6	
CCMT	1.32	284	ePn	29 40.40	0.5	
LCCM	1.36	335	ePn	29 39.70	-0.8	
TMI	1.44	206	eP	29 41.00	-0.9	
SXM	1.54	356	ePn	29 42.90	-0.3	
LRM	1.56	322	ePn	29 43.20	-0.3	
HPI	1.71	239	eP	29 46.00	0.2	
BUT	1.76	324	ePg	29 47.60	1.3	
			eSn	30 08.80		
BDW	2.13	149	eP	29 53.00	1.2	
HRY	2.17	346	ePn	29 51.90	-0.3	
	S.D. = 0.9		on	10 of	10 obs.	

• DEC 04, 1985 01h 39m 07.64± 0.68s
2.529 N ±11.4km 127.102 E ±16.6km
DEPTH = 33.0km (normal)
4.9mb (3 obs.)
MOLUCCA PASSAGE (266)

AAI	6.27	170	ePc	40 40.30	0.0	
WRA	23.44	163	Pc	44 10.20	-4.8X	
	0.6s		13.80nm		4.6mb	
ASPA	26.87	166	eP	44 32.00	-15.4X	
			eS	49 10.00		
CHG	31.97	302	eP	45 33.50	0.4	
ADE	38.86	165	iPc	46 29.10	-2.6X	
PKI	46.97	306	eP	47 37.70	-0.3	
KKN	47.16	306	eP	47 39.20	-0.2	
	0.7s		12.00nm		5.0mb	
DMN	47.23	306	eP	47 40.00	0.0	
IMA	83.32	24	eP	51 33.00	0.5	
PME	84.87	28	eP	51 39.70	-0.4	
	0.9s		10.40nm		5.0mb	
	S.D. = 0.4		on	7 of	10 obs.	

• DEC 04, 1985 01h 41m 14.65± 0.74s
28.243 N ±11.9km 141.073 E ±11.8km
DEPTH = 33.0km (normal)
4.9mb (1 obs.)
BONIN ISLANDS REGION (212)

CBI	1.51	139	eP	41 39.00	-0.7	
SSE	17.51	284	P-	45 18.00	0.1	
	N 14s		0.60um			
			eS	48 34.00		
			esS	48 52.00		
MDJ	18.74	334	Pc	45 33.00	0.1	
			eS	48 59.00		
DL2	19.34	308	Pc	45 40.00	-0.1	
			eS	49 15.00		
NJ2	19.58	287	iPc	45 42.50	-0.3	
SNY	19.67	318	eP	45 43.00	-0.7	
CN2	19.97	325	Pd	45 43.00	-3.8X	
QZH	20.37	266	Pc	45 50.00	-1.1	
WHN	23.38	282	P	46 22.00	0.8	
BJI	23.65	306	eP	46 24.00	0.3	
			e	46 31.00		
			eS	50 43.00		
			eSS	51 34.00		
TIY	25.73	299	P	46 45.00	1.2	
XAN	28.05	290	eP	47 06.00	1.0	
BTO	28.28	304	eP	47 06.00	-1.1	
			eS	51 49.50		
CD2	32.47	284	eP	47 46.00	1.7	
GTA	35.76	299	eP	48 10.00	-2.7	
WRA	48.34	188	Pc	49 55.90	0.7	
	0.7s		8.20nm		4.9mb	
COL	56.81	29	e(P)	51 05.40	7.6X	
INK	62.40	25	eP	51 37.00	0.8	
	S.D. = 1.2		on	16 of	18 obs.	

* DEC 04, 1985 01h 47m 09.11± 0.81s
13.997 S ± 9.8km 166.250 E ±14.2km
DEPTH = 33.0km (normal)
3.7mb (1 obs.)
VANUATU ISLANDS (186)

SVO	7.93	307	eP	49	06.00	0.9
			e(S)	49	25.00	
VSG	7.95	306	eP	49	04.00	-1.4
DZM	8.03	179	iPc	49	06.00	-0.5
			iS	50	48.00	
NOU	8.27	179	iPc	49	09.90	0.2
			iS	50	44.00	
CTA	20.05	250	eP	51	43.00	0.6
	0.9s		3.36nm			3.7mb
			iS	55	56.00	
COL	85.96	18	eP	59	47.00	0.1
SOB1	144.55	129	ePKP	06	44.20	-0.7
ITR	146.67	131	ePKP	06	49.30	0.9
BNG	146.78	256	iPKPd	06	50.90	2.2X
BCAO	146.79	256	ePKP	06	51.10	2.4X
S.D. = 1.8 on 8 of 10 obs.						

DEC 04, 1985 01h 57m 34.97± 0.57s
50.239 N ± 5.7km 12.439 E ± 4.8km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.2 (GRF), 2.1 (CLL).

HOF	0.37	282	iPgd	57	42.50	0.0
			iSg	57	47.60	
MOX	0.67	308	ePg	57	48.00	-0.2
			eSg	57	57.00	
GRF	0.96	236	ePg	57	53.40	0.2
			e(Sg)	58	06.00	
			e(Lg)	58	08.00	
CLL	1.13	18	iPg	57	56.40	0.3
			iSg	58	11.60	
WET	1.13	165	iPgc	57	56.20	0.0
BRG	1.15	56	iPg	57	56.50	0.0
			iSg	58	11.50	
PRU	1.38	100	Pg	58	00.00	-0.2
			Sg	58	17.80	
FUR	2.21	201	ePg	58	18.70	6.4X
S.D. = 0.2 on 7 of 8 obs.						

DEC 04, 1985 02h 50m 40.67± 0.54s
5.615 S ± 4.5km 149.889 E ± 4.8km
DEPTH = 117.8 ± 5.6 km
5.0mb (12 obs.)
NEW BRITAIN REGION (192)

BIAL	1.20	75	eP	51	05.00	0.1
RAB	2.68	58	eP	51	24.50	1.2
	0.5s		281.69nm			
			iS	51	58.80	
LMG	3.70	288	iP	51	36.00	-1.2
MDG	4.11	275	eP	51	45.00	2.5
PMG	4.64	216	iP	51	50.80	0.9
ALOA	4.68	174	iPc	51	48.60	-1.7
BGA	5.29	96	iPd	51	57.00	-1.8
			eS	52	58.00	
PAA	5.61	97	iPd	52	01.00	-2.2
			eS	53	04.00	
VSG	10.39	111	eP	53	09.00	1.2
			(S)	55	06.00	
SVO	10.45	110	P	53	12.00	3.4X
CTA	14.81	193	iPc	54	06.10	0.6
	1.0s		153.00nm			5.2mb
			iS	56	55.00	
CTAO	14.81	193	eP	54	06.00	0.5
	1.0s		12.00nm			4.1mb
			i	54	10.50	
WB2	20.76	225	iPd	55	13.50	-0.6
			i	55	35.60	
			eS	58	56.70	
WRA	20.77	225	Pd	55	13.30	-0.8
	0.5s		29.50nm			4.9mb
RMQ	20.79	183	iPc	55	15.20	1.0
BRS	21.83	173	iPc	55	24.70	0.1
DZM	22.89	137	iPc	55	35.60	0.5
KNA	23.05	242	eP	55	36.80	0.3
NOU	23.06	138	iPc	55	37.80	0.4
ASPA	23.65	219	iPd	55	43.20	0.9
			eS	59	46.80	
YOU	28.56	183	iPd	56	27.50	0.1
CAN	29.57	181	eP	56	36.80	0.3
WBN	30.21	225	eP	56	42.00	-0.2
	0.5s		14.00nm			4.9mb
WAM	30.45	182	eP	56	44.80	0.7
MBL	32.97	239	eP	57	05.30	-1.1
MEK	36.46	232	eP	57	35.50	-0.6
	0.5s		21.00nm			5.3mb
TAU	37.21	183	iPd	57	43.20	1.1
NAU	37.22	240	iPd	57	42.00	-0.4
	0.5s		48.00nm			5.6mb
KLB	39.65	225	eP	58	01.60	-1.1
	0.5s		67.00nm			5.7mb
MRWA	39.70	230	eP	58	02.50	-0.6
KRP	39.74	148	P	58	04.60	1.4
			pP	58	28.00	100kmX
BAL	39.88	227	eP	58	04.00	-0.5
			e	00	07.00	
NWAO	40.77	224	eP	58	11.00	-0.8
MUN	40.97	226	eP	58	12.80	-0.6
	0.9s		45.00nm			5.2mb
MNG	41.73	150	P	58	19.10	-0.4
			pP	58	43.00	102kmX
QZH	43.01	316	eP	58	30.70	0.6
WHN	49.49	319	P	59	22.00	0.9
TIA	51.71	326	Pc	59	38.50	0.6
MDJ	53.23	342	Pd	59	49.60	0.6
BJI	55.02	329	eP	00	03.00	0.9
KMI	55.07	306	eP	00	04.00	0.9
XAN	55.26	319	P	00	04.00	0.0
CD2	57.10	312	eP	00	15.60	-1.7
LZH	59.83	318	P	00	37.50	1.3
GTA	64.32	319	P	01	05.00	-1.0
PKI	70.37	302	eP	01	42.40	-2.1
	0.6s		4.00nm			4.4mb
KKN	70.55	302	eP	01	43.60	-1.8
	0.6s		9.00nm			4.8mb
DMN	70.64	302	eP	01	44.80	-1.2
	0.7s		16.00nm			5.0mb
COL	83.72	22	eP	02	56.10	-1.2
SPA	84.42	180	eP	03	02.00	1.0
	1.0s		7.50nm			4.5mb
INK	90.25	21	eP	03	28.00	-0.8
BUL	116.89	244	iPKPd	09	14.20	0.2
KRI	116.91	248	ePKP	09	14.00	-0.1
BNG	131.53	271	ePKPd	09	41.60	-0.5
	0.7s		4.00nm			
TPZ	135.92	129	ePKP	09	44.00	-6.7X
ZOBO	136.56	121	ePKP	09	53.00	0.8
VAO	147.13	151	ePKP	10	11.90	1.9
BDF	152.48	140	e(PKP)	10	18.70	0.4
			i	10	24.90	
			i	10	53.00	
SOB1	161.77	144	ePKP	10	30.40	0.9
ITR	163.49	150	ePKP	10	31.50	0.3
S.D. = 1.1 on 58 of 60 obs.						

& DEC 04, 1985 04h 28m 25.60s
59.337 N 152.413 W
DEPTH = 78.5km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.87	347	iP	28	42.91	-0.4
8RLK	0.89	60	iP	28	42.34	-1.2
			iS	28	56.11	
NNL	0.91	38	iP	28	43.99	0.3
RDT	1.24	0	iP	28	47.46	-0.5
			iS	29	04.03	
NKA	1.53	22	eP	28	52.64	1.0
KDC	1.59	182	iP	28	51.38	-1.1
SLKM	1.61	42	eP	28	51.31	-1.5
SEW	1.69	62	eP	28	52.29	-1.4
SPU	1.86	5	iP	28	55.82	-0.3
MPA	1.92	52	eP	28	56.14	-0.8
CRP	1.94	4	eP	28	57.35	0.0
CGLM	1.99	6	iP	28	57.77	-0.2
PTE	2.29	46	eP	29	00.81	-1.1
SUA	2.29	21	eP	29	01.62	-0.5
PMS	2.38	35	iP	29	02.56	-0.8
SVW	2.39	319	eP	29	02.82	-0.6
MTU	2.58	73	eP	29	03.28	-1.6
PWL	2.55	51	iP	29	04.16	-1.4
KNIM	2.57	65	eP	29	03.84	-2.0
PWA	2.64	27	iP	29	06.49	-0.3
LOU	2.66	63	iP	29	04.81	-2.2
			iS	29	33.39	
SKT	2.69	9	eP	29	06.66	-0.8
PLRM	2.79	34	eP	29	07.31	-1.5
PME	2.84	35	eP	29	08.20	-1.4
KNK	2.86	42	eP	29	08.55	-1.4
CFI	2.96	49	eP	29	09.39	-1.9
GHO	2.99	34	eP	29	10.19	-1.5
GLI	3.08	58	eP	29	10.06	-2.9
HIN	3.17	68	iP	29	12.43	-1.7
SML	3.19	37	eP	29	12.92	-1.6
FID	3.30	62	eP	29	13.03	-2.9
VZW	3.40	57	eP	29	15.27	-2.1
VLZ	3.53	57	eP	29	17.15	-1.9
SCM	3.54	43	eP	29	18.24	-1.2
SGAM	3.81	69	eP	29	20.65	-2.4
KLU	3.88	53	eP	29	22.09	-2.0
TTA	4.01	336	eP	29	24.72	-1.2
TOA	4.14	45	eP	29	26.60	-1.1
GLB	4.76	60	eP	29	33.66	-2.8
WAX	4.94	73	eP	29	36.27	-2.7
BALM	5.31	67	eP	29	41.30	-2.8
YAH	5.48	75	eP	29	44.40	-2.2
42 obs. associated						

* DEC 04, 1985 04h 43m 55.14± 1.16s
31.815 S ± 9.2km 67.666 W ± 9.8km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.52	294	ePc	44	05.00	-0.6
			S	44	12.30	
RTLL	0.83	306	ePc	44	10.70	-0.4
			S	44	22.00	
ZON	0.89	287	eP	44	19.00	6.8X
			eS	44	32.00	
RTC8	1.00	289	ePc	44	14.70	0.5
			S	44	27.60	
PEL	2.86	242	iPc	44	45.80	4.1X
			iS	45	23.00	
RFA	3.02	192	ePc	44	44.00	0.1
			S	45	31.10	
VCA	3.10	352	ePd	44	47.00	1.9
			S	45	27.00	
FSA	5.90	15	e(P)	45	23.00	-1.6
SLA	7.32	16	ePd	45	45.80	0.2
S.D. = 1.3 on 7 of 9 obs.						

& DEC 04, 1985 05h 14m 42.12s
58.868 N 137.968 W
DEPTH = 0.6km
SOUTHEASTERN ALASKA (19)
<AGS-P>. ML 3.2 (PMR).

SIT	2.30	141	eP	15	22.53	0.8
WRG	2.38	301	eP	15	22.70	-0.4
			eS	15	54.84	
YAH	2.44	310	eP	15	23.60	-0.4
CTGM	2.70	323	eP	15	27.86	0.2
			eS	16	04.58	
SNH	2.81	300	eP	15	28.94	-0.2
			eS	16	08.23	
WAX	2.94	305	eP	15	30.23	-0.8
BALM	3.09	317	eP	15	32.89	-0.3
HMT	3.52	297	eP	15	39.50	0.3
GLB	3.90	314	eP	15	42.35	-2.2
KLU	4.76	307	eP	15	56.61	-0.3
DWY	5.25	353	P	16	03.50	-0.2
			Lg	17	24.50	
11 obs. associated						

* DEC 04, 1985 05h 37m 04.97± 0.89s
22.482 S ±15.0km 175.190 W ±16.7km
DEPTH = 33.0km (normal)
4.9mb (4 obs.)
TONGA ISLANDS REGION (174)

NDF	8.36	303	eP	39	13.00	6.2X
DZM	17.01	268	iPc	41	09.10	7.0X
MNG	19.73	281	P	41	35.90	1.1
			e(S)	45	00.00	
CTA	35.94	266	iPc	44	05.40	0.8
	0.5s		8.10nm			4.9mb
CTAO	35.94	266	eP	44	04.90	0.3
ASPA	46.65	258	eP	45	32.00	-0.4
WB2	46.93	263	eP	45	33.70	-0.9
			e	47	19.00	
WRA	46.94	263	Pd	45	33.40	-1.3
	0.6s		3.20nm			4.5mb
W8N	52.82	254	eP	46	19.00	-0.7
	0.5s		9.00nm			5.0mb

04d 05h

			eS	51	55.00	
SPA	67.65	180	iPc	47	59.90	-0.9
	1.0s	12.00nm			4.9mb	
IPM	86.01	277	ePd	49	44.60	0.7
COL	89.63	11	eP	50	00.00	-0.2
KMI	92.57	296	eP	50	15.50	0.6
CHG	93.37	289	eP	50	20.00	1.6
KRA	150.02	340	ePKP	56	52.90	4.6X
KSP	150.31	345	ePKP	56	52.50	3.8X
WTS	150.50	357	ePKPd	56	52.50	3.6X
	1.0s	12.00nm				
CLL	150.53	350	ePKP	56	53.00	4.0X
			i	57	04.90	
BRG	150.78	348	ePKP	56	52.80	3.4X
	2.0s	22.00nm				
			e	57	03.50	
			i	57	11.50	
MLR	151.29	328	ePKP	56	50.00	-0.5
MOX	151.39	351	ePKP	56	54.00	3.6X
			e	57	07.50	
PRU	151.50	347	ePKP	56	54.50	4.0X
			e	57	07.00	
ENN	151.76	359	ePKPd	56	55.50	4.7X
	1.0s	10.00nm				
DOU	152.44	0	PKP	56	57.10	5.2X
			i	57	08.90	
SRO	152.50	340	ePKP	57	08.40	16.4X
KHC	152.51	347	PKP	56	57.00	4.9X
			e	57	09.00	

S.D. = 1.0 on 13 of 26 obs.

DEC 04, 1985 06h 25m 46.94± 0.70s
50.213 N ± 6.9km 12.413 E ± 5.8km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

HOF	0.36	286	iPgd	25	54.20	-0.1
			iSg	25	59.20	
MOX	0.67	311	ePg	26	00.50	0.3
			iSg	26	09.00	
WET	1.11	164	iPgc	26	07.90	0.1
CLL	1.16	19	iPg	26	08.20	-0.4
			iSg	26	23.30	
BRG	1.18	35	iPg	26	09.50	0.5
			iSg	26	23.50	
PRU	1.39	99	Pg	26	12.00	-0.3
			Sg	26	29.50	

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

DEC 04, 1985 06h 37m 51.89± 0.51s
44.671 N ± 3.2km 111.004 W ± 7.8km
DEPTH = 5.0km (geophysicist)
4.1mb (1 obs.)
HEBGEN LAKE REGION (458)
ML 4.2 (NEIS). Felt (IV) ot West Yellowstone, Montona.

IMW	0.77	177	iPc	38	06.60	-1.0
LCCM	1.32	332	iPn	38	17.60	0.7
CCMT	1.35	281	iPnd	38	17.70	0.1
SXM	1.49	355	ePn	38	19.80	0.3
TMI	1.52	206	eP	38	19.30	-0.6
LRM	1.54	319	iPnd	38	21.00	0.7
BUT	1.74	321	iPnd	38	24.00	1.0
			ePg	38	25.80	
			eSn	38	47.20	
HPI	1.79	238	eP	38	24.00	0.1
HRY	2.12	344	iPnd	38	29.10	0.5
BDW	2.16	151	eP	38	29.70	0.4
DAU	4.26	183	eP	39	00.30	1.1
CLX	4.55	323	iPc	39	03.20	0.1
			eS	40	15.30	
DUG	4.67	197	eP	39	05.00	0.2
LHD	4.77	320	iPc	39	06.30	0.0
			eS	40	20.30	
LDM	4.81	323	iPc	39	06.30	-0.5
			iS	40	22.00	
RXF	5.05	327	eP	39	10.00	-0.3
			eS	40	30.00	
YKM	5.29	324	iPc	39	13.20	-0.5
			eS	40	39.40	
NEW	5.55	313	eP	39	16.00	-1.2
			eLg	40	44.00	
SES	5.73	360	eP	39	16.00	-3.7X
BMN	6.25	229	eP	39	31.00	3.9X
EUR	6.36	217	eP	39	29.00	0.1
PNT	7.50	311	eP	39	50.00	5.4X
EDM	8.70	351	eP	40	00.00	-1.3
TUL	14.52	122	eP	41	24.50	4.6X
	1.2s	5.50nm			4.1mb	
			e	42	33.80	
			e	45	50.00	
RLO	14.82	119	eP	41	32.30	8.4X
BHO	16.11	124	e(P)	41	55.80	15.1X

S.D. = 0.7 on 20 of 26 obs.

DEC 04, 1985 06h 43m 01.25± 0.80s
44.642 N ± 6.0km 111.078 W ±10.8km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 3.1 (NEIS).

IMW	0.75	172	eP	43	15.50	-1.0
CCMT	1.31	283	ePn	43	27.00	0.9
LCCM	1.32	335	ePn	43	26.10	-0.2
TMI	1.47	205	eP	43	27.50	-1.1
SXM	1.51	357	ePn	43	29.20	0.0
LRM	1.53	321	ePn	43	30.00	0.5
HPI	1.72	238	eP	43	33.50	1.1
BUT	1.73	323	ePg	43	34.40	2.1X
			eSn	43	55.30	
HRY	2.14	346	ePn	43	38.50	0.3
BDW	2.16	149	eP	43	40.00	1.3
NEW	5.53	313	eP	44	24.30	-1.9

S.D. = 1.2 on 10 of 11 obs.

DEC 04, 1985 06h 44m 17.78± 0.74s
44.629 N ± 5.2km 111.047 W ±10.0km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 3.5 (NEIS).

IMW	0.74	174	eP	44	32.10	-0.4
CCMT	1.33	283	iPnd	44	43.70	0.7
LCCM	1.34	334	iPnc	44	42.80	-0.4
TMI	1.47	206	eP	44	44.60	-0.5
SXM	1.52	356	ePn	44	46.00	0.1
LRM	1.55	321	ePn	44	46.50	0.2
HPI	1.74	239	eP	44	49.50	0.4
BUT	1.75	323	ePg	44	50.70	1.6
			eSn	45	12.00	
BDW	2.14	149	eP	44	55.50	0.6
HRY	2.15	345	ePn	44	54.80	-0.1
NEW	5.55	313	eP	45	41.00	-2.1
			eLg	47	10.00	
EUR	6.31	217	iP	46	00.00	6.0X
	0.5s	1.60nm			4.1mb X	
EDM	8.73	351	eP	46	59.00	31.3X

S.D. = 1.0 on 11 of 13 obs.

& DEC 04, 1985 07h 00m 42.84s
60.171 N 153.002 W
DEPTH = 109.5km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.09	83	iP	00	57.93	1.3
			iS	01	09.58	
RDT	0.50	36	iP	00	59.60	-0.4
NNL	0.86	98	iP	01	03.24	0.3
NKA	1.05	56	eP	01	05.72	1.0
SPU	1.12	24	iP	01	04.68	-0.9
BRLK	1.14	110	iP	01	05.06	-0.8
CRP	1.18	20	iP	01	05.67	-0.7
CGLM	1.24	23	iP	01	06.22	-0.8
SLKM	1.42	75	eP	01	07.93	-1.2
SVW	1.60	307	iP	01	09.80	-1.4
SUA	1.71	39	eP	01	11.60	-1.1
			eS	01	34.30	
SEW	1.78	91	eP	01	11.70	-1.7
MPA	1.84	78	eP	01	12.86	-1.3
			iS	01	29.97	
SKT	1.95	21	eP	01	14.22	-1.5
PMS	2.01	56	iP	01	14.87	-1.5
PTE	2.09	69	iP	01	15.13	-2.2
PWA	2.13	44	eP	01	17.09	-0.8
PLRM	2.37	51	eP	01	19.25	-1.8
PWL	2.41	71	iP	01	18.88	-2.8
KDC	2.45	174	eP	01	19.60	-2.5
KNK	2.55	59	eP	01	20.80	-2.8
GHO	2.56	49	eP	01	21.01	-2.7
KNIM	2.63	84	eP	01	21.40	-3.2
LOU	2.68	81	eP	01	21.72	-3.6
KTU	2.69	92	eP	01	23.27	-2.1
CFI	2.77	66	eP	01	23.15	-3.2
SML	2.81	52	eP	01	23.95	-3.0
GLI	3.01	74	eP	01	27.76	-1.9
FID	3.28	77	eP	01	30.53	-2.8
VZW	3.30	72	eP	01	30.32	-3.3
KLU	3.71	66	eP	01	35.85	-3.4
TOA	3.84	57	eP	01	38.44	-2.5

32 obs. ossocioted

• DEC 04, 1985 07h 29m 50.87± 0.55s
6.871 N ± 9.0km 73.047 W ±10.8km
DEPTH = 163.7 ± 7.3 km
NORTHERN COLOMBIA (99)

BMG	0.20	352	eP	30	12.40	-2.0
FUQ	1.55	206	eP	30	18.00	-4.7X
BOG	2.45	204	eP	30	33.50	0.6
			iS	31	01.50	
UAV	2.56	47	iPnc	30	35.10	1.1
	0.4s	123.40nm				
SDV	3.12	50	iPnd	30	42.00	1.0
	0.2s	36.80nm				
CHN	3.18	234	iP	30	42.00	0.3
LGN	3.70	28	e(Pn)	30	49.00	0.8
TOV	4.33	48	ePn	30	57.00	0.4
CAR	7.05	59	e(Pn)	31	31.20	-1.5
PSO	7.07	217	eP	31	33.00	-0.3
ZOBO	23.50	168	eP	34	47.20	-0.6
LPB	23.76	168	eP	34	52.00	1.9
CNCB	24.06	168	eP	34	53.00	-0.1
EUR	50.36	317	eP	38	33.80	0.3
YKA	63.24	340	eP	40	03.50	-0.2
KIC	67.80	86	eP	40	32.00	-1.7
ASPA	149.20	234	ePKP	49	21.00	3.3X
WRA	150.42	241	PKPc	49	24.50	4.9X
	0.4s	2.80nm				

S.D. = 1.2 on 15 of 18 obs.

DEC 04, 1985 07h 57m 38.13± 0.63s
44.642 N ± 4.7km 111.068 W ± 8.5km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 2.8 (NEIS).

IMW	0.75	173	eP	57	52.60	-0.8
CCMT	1.31	283	ePn	58	03.70	0.6
LCCM	1.33	335	iPnd	58	03.00	-0.2
TMI	1.47	205	eP	58	05.00	-0.5
SXM	1.51	356	ePn	58	06.20	0.1
LRM	1.53	321	ePn	58	06.80	0.4
BUT	1.73	323	ePg	58	11.10	1.9X
			eSn	58	32.70	
HPI	1.73	238	eP	58	09.70	0.4
HRY	2.14	346	ePn	58	14.80	-0.3
BDW	2.16	149	eP	58	16.50	1.0
NEW	5.53	313	eP	59	02.50	-0.7

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

DEC 04, 1985 08h 49m 05.71± 1.82s
32.618 S ± 8.6km 71.710 W ±17.0km
DEPTH = 23.2 ± 6.4 km
NEAR COAST OF CENTRAL CHILE (135)

ROCH	0.69	121	iPd	49	18.50	-0.6
			iS	49	29.50	
PEL	1.01	122	iPd	49	23.90	-0.5
			iS	49	38.60	
SAN	1.21	134	iP	49	27.00	-0.3
			iS	49	44.10	
TACH	1.22	148	iP	49	27.50	0.1
			iS	49	44.00	
BACH	1.26	126	iPd	49	27.50	-0.5
			iS	49	45.60	
LNV	1.36	169	iPc	49	28.10	-1.2
			iS	49	46.60	
FCH	1.39	121	eP	49	29.60	-0.5
			iS	49	49.00	
PCH	1.42	135	eP	49	30.00	-0.3
			i	49	50.50	
CHCH	1.58	146	iP	49	33.30	0.7
			i	49	54.70	
ZON	2.79	68	eP	49	59.00	9.1X
RFA	3.45	129	ePc	50	00.00	0.6
VCA	4.91	39	e(P)	50	20.00	0.0
			S	51	15.50	

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

• DEC 04, 1985 09h 05m 02.80± 1.22s
13.629 N ± 9.9km 90.778 W ±10.1km
DEPTH = 57.2 ± 12.4 km
4.3mb (8 obs.)
NEAR COAST OF GUATEMALA (71)

COM	2.92	334	iP	05	49.50	1.5
			i	06	34.00	
PBJ	5.27	303	iP	06	18.80	-2.2
VHO	6.77	303	iP	06	39.50	-2.6
			i	07	58.00	
PIO	7.61	292	iP	06	51.00	-2.6
TPM	9.57	305	iP	07	21.20	0.5
III	9.60	301	iP	07	21.50	0.4
			i	09	22.00	
UNM	9.85	306	eP	07	44.00	19.3X
OXM	10.24	305	iP	07	31.00	1.0
			i	09	05.00	
PIM	11.63	295	iP	07	48.90	0.3
GIE	14.28	178	e(P)	08	23.00	-0.5
CHN	17.25	119	eP	09	03.00	1.4
JCT	18.72	335	eP	09	20.50	1.1
	0.8s	16.79nm			4.3mb	
BOG	18.76	117	eP	09	23.00	2.7
			eS	13	00.00	
LTX	19.67	325	eP	09	30.90	0.8
	0.9s	20.68nm			4.4mb	
BHO	20.99	351	e(P)	09	43.70	0.2
	0.8s	2.80nm			3.6mb	
RSCP	22.37	11	P	09	57.80	0.4
POW	22.43	359	P	09	57.50	-0.4
			pP	10	18.00	95kmX
QZO	22.54	341	e(P)	09	50.50	-8.6X
TUL	22.64	349	iPc	10	00.30	0.3
	0.7s	14.00nm			4.5mb	
RLO	22.76	351	iPc	10	01.60	0.4
ACO	24.17	343	eP	10	14.90	0.1
ALQ	25.52	329	eP	10	29.50	1.6
	0.8s	3.73nm			4.0mb	
GLA	29.22	315	eP	11	02.00	0.6
TPC	30.66	316	eP	11	15.00	0.8
PLM	30.80	314	eP	11	17.00	1.4
GSC	31.87	317	eP	11	26.00	1.2
MWC	32.11	314	eP	11	28.00	1.0
SBB	32.20	315	eP	11	28.00	0.3
CLC	32.69	317	eP	11	35.00	3.1X
ISA	33.19	316	eP	11	38.00	1.7
EUR	33.99	324	iP	11	45.30	1.9
	0.2s	22.89nm			5.8mb	X
RSON	37.21	357	P	12	08.40	-1.8
	0.7s	10.94nm			4.9mb	
PNT	42.75	332	eP	12	57.00	0.9
	0.8s	14.00nm			4.8mb	
EDM	43.37	340	ePc	13	00.50	-0.6
YKC	51.62	346	eP	14	04.00	-1.4
YKA	51.66	346	eP	14	05.60	-0.1
SOB1	54.46	112	eP	14	25.60	-1.5
ITR	56.53	110	eP	14	40.00	-2.1
INK	61.13	343	eP	15	11.00	-2.2
COL	64.05	337	eP	15	31.00	-1.6
MBC	64.43	353	eP	15	33.00	-1.9
DAG	72.72	13	iPd	16	23.90	-2.3
	0.7s	2.05nm			4.2mb	
EKA	77.57	36	P	16	52.00	-2.1
KIC	84.69	85	eP	17	32.10	-0.3
WRA	136.45	255	PKPd	24	21.40	0.6
	0.7s	1.40nm				
PKI	138.88	5	ePKP	24	25.00	-0.6
	0.8s	13.00nm				
CHG	146.37	343	iPKPd	24	40.00	1.6
	0.8s	8.96nm				
CHTO	146.37	343	iPKP	24	40.00	1.6
	0.8s	8.24nm				
KHT	150.29	341	ePKP	24	50.80	6.2X
	S.D. = 1.5	on	45 of	49	obs.	

DEC 04, 1985 09h 10m 30.59± 0.65s
44.603 N ± 4.9km 111.072 W ± 8.9km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 2.8 (NEIS).

IMW	0.71	172	iP	10	44.20	-0.7
CCMT	1.32	284	ePnd	10	55.90	0.3
LCCM	1.36	336	ePnc	10	55.60	-0.7
TMI	1.43	206	eP	10	56.70	-0.8
SXM	1.55	357	ePn	10	59.00	-0.1
LRM	1.56	322	ePn	10	59.80	0.5
HPI	1.71	239	eP	11	02.00	0.5
BUT	1.76	324	ePg	11	03.60	1.5X
			eSn	11	25.20	
BDW	2.13	149	eP	11	08.50	1.0
HRY	2.18	346	ePn	11	07.90	-0.2
	S.D. = 0.7	on	9 of	10	obs.	

DEC 04, 1985 11h 03m 28.30± 0.38s
13.998 S ± 7.9km 166.167 E ± 7.4km
DEPTH = 33.0km (normal)
4.9mb (9 obs.)
VANUATU ISLANDS (186)

HNR	7.59	306	e(P)	05	17.00	-2.5
			e(S)	06	50.00	
SVO	7.87	307	eP	05	23.00	-0.4
DZM	8.03	178	iPc	05	20.00	-5.7X
			iS	06	57.00	
NOU	8.27	178	iPc	05	28.00	-0.9
NDF	11.48	110	eP	06	14.20	1.2
BRS	18.27	221	iP	07	50.70	9.7X
			iS	11	21.00	
PMG	19.16	282	eP	07	52.50	0.6
CTA	19.97	250	iPd	08	00.80	0.0
	0.9s	16.81nm			4.4mb	
			iS	11	47.00	
CTAO	19.97	250	eP	08	00.90	0.1
	0.8s	12.79nm			4.3mb	
RMO	20.49	230	eP	08	08.00	1.7
CRZ	21.18	165	eP	08	18.00	4.8X
KRP	25.24	162	P	08	53.00	0.1
MNG	27.74	165	eP	09	13.00	-2.9
STK	28.68	227	eP	09	25.00	0.6
WRA	30.98	255	P	09	45.00	0.0
	0.5s	1.50nm			4.0mb	
ASPA	31.95	248	eP	09	52.00	-1.6
WBN	38.95	246	eP	10	54.00	0.8
MEK	46.15	247	eP	11	51.00	-0.8
	0.6s	23.00nm			5.3mb	
NWAO	48.22	238	eP	12	07.00	-0.9
SBA	63.86	180	eP	14	01.50	2.1X
IPM	67.19	281	ePd	14	22.70	0.9
PSI	68.66	279	ePd	14	31.20	0.1
BJI	71.03	322	eP	14	45.00	0.0
CHG	73.80	295	eP	15	03.50	1.7
SPA	76.09	180	eP	15	15.00	0.6
	0.8s	7.08nm			4.7mb	
COL	85.98	18	eP	16	04.00	-2.2
	1.0s	22.50nm			5.4mb	
PKI	88.41	299	eP	16	20.20	1.0
	0.6s	5.00nm			5.0mb	
KKN	88.58	299	eP	16	21.00	1.2
	0.7s	9.00nm			5.2mb	
DMN	88.68	299	eP	16	21.60	1.2
	0.7s	14.00nm			5.4mb	
GRC	143.93	340	iPKPc	23	00.60	-1.4
SSF	143.99	340	ePKP	23	01.00	-1.2
LPG	144.09	335	ePKP	23	00.60	-2.2X
SMF	144.23	339	ePKP	23	00.30	-2.3X
AVF	144.27	340	ePKP	23	00.50	-2.1X
SOB1	144.61	129	ePKP	22	57.20	-7.0X
			e	23	02.90	
			e	23	12.40	
BGF	144.65	340	ePKP	23	02.00	-1.3
MZF	145.04	340	ePKP	23	03.10	-0.9
TCF	145.09	340	ePKP	23	03.40	-0.7
LSF	145.35	341	ePKP	23	03.90	-0.6
CVF	145.44	330	ePKP	23	04.30	-0.5
MFF	145.52	343	ePKP	23	04.40	-0.4
FRF	145.70	333	ePKP	23	05.00	-0.2
LRG	145.91	333	ePKP	23	06.00	0.5
LMR	145.94	333	ePKP	23	05.80	0.2
CDR	145.99	334	ePKPc	23	05.30	-0.4
CAF	146.34	339	ePKP	23	08.40	2.1
BNG	146.70	257	iPKPd	23	08.90	1.2
	1.0s	61.00nm				
			id	23	29.00	
			id	23	46.00	
BCAO	146.71	257	ePKP	23	08.10	0.4
	0.9s	15.56nm				
ITR	146.73	131	ePKP	23	04.20	-3.5X
			e	23	09.20	
			e	23	17.20	
			e	23	29.70	
LFF	146.77	341	ePKP	23	08.70	1.8
LPO	146.85	340	ePKP	23	08.70	1.7
	S.D. = 1.2	on	42 of	51	obs.	

• DEC 04, 1985 11h 29m 43.14± 1.73s
24.483 N ±16.7km 123.259 E ±15.2km
DEPTH = 33.0km (normal)
3.6mb (1 obs.)
SOUTHWESTERN RYUKYU ISLANDS (246)

TWC	1.29	276	iPd	30	05.00	0.1
			eS	30	17.50	
TWD	1.57	256	iPd	30	09.00	0.0
			eS	30	24.60	
TWZ	1.64	292	iPd	30	10.50	0.4
			eS	30	28.00	
TATO	1.68	287	e(P)	30	10.20	-0.5
TWF1	2.12	238	iPd	30	17.00	0.0
WRA	45.46	165	Pd	38	01.00	0.0
	0.6s	0.50nm			3.6mb	
	S.D. = 0.3	on	6 of	6	obs.	

DEC 04, 1985 12h 47m 29.10± 0.49s
44.660 N ± 3.6km 111.088 W ± 7.3km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 3.9 (NEIS).

IMW	0.77	172	iPc	47	43.90	-0.9
CCMT	1.30	282	iPnd	47	54.50	0.8
LCCM	1.30	335	iPnc	47	54.10	0.3
TMI	1.48	204	eP	47	56.30	-0.4
SXM	1.49	357	ePn	47	57.20	0.4
LRM	1.51	321	iPnd	47	57.70	0.6
BUT	1.71	323	ePn	48	00.50	0.7
			ePg	48	02.40	
			eSn	48	23.10	
HPI	1.73	237	eP	48	00.80	0.5
HRY	2.12	346	ePn	48	05.70	0.0
BDW	2.18	149	ePc	48	07.20	0.4
DAU	4.25	182	eP	48	36.70	0.5
CLX	4.52	323	iPc	48	39.70	-0.2
			eS	50	00.00	
LHD	4.74	321	iPc	48	42.70	-0.3
			eS	50	00.00	
LDM	4.79	324	iPc	48	43.00	-0.6
			eS	50	01.70	
YKM	5.27	325	eP	48	49.50	-1.0
			eS	50	15.70	
NEW	5.51	313	eP	48	52.70	-1.1
SES	5.74	0	eP	48	54.00	-3.1X
EUR	6.32	217	eP	49	07.00	1.5X
EDM	8.70	351	eP	49	39.00	0.5
	S.D. = 0.7	on	17 of	19	obs.	

DEC 04, 1985 12h 56m 16.22± 0.64s
44.623 N ± 4.6km 111.073 W ± 8.7km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 3.5 (NEIS).

IMW	0.73	172	iPc	56	30.30	-0.6
CCMT	1.32	283	iPnd	56	42.00	0.8
LCCM	1.34	335	iPnc	56	41.50	-0.1
TMI	1.45	205	eP	56	42.80	-0.6
SXM	1.53	356	ePn	56	44.50	0.1
LRM	1.54	321	iPnd	56	45.10	0.4
HPI	1.72	239	eP	56	47.50	0.3
BUT	1.74	323	ePn	56	48.00	0.5
			ePg	56	49.60	
			eSn	57	11.10	
BDW	2.14	149	eP	56	54.30	0.9
HRY	2.16	346	ePn	56	53.00	-0.4
NEW	5.54	313	eP	57	40.00	-1.4
			eLg	59	09.00	
EUR	6.30	217	eP	57	57.30	5.1X
EDM	8.74	351	eP	58	57.50	31.4X
	S.D. = 0.8	on	11 of	13	obs.	

• DEC 04, 1985 13h 53m 04.46± 1.75s
0.516 N ±13.1km 98.508 E ±14.9km
DEPTH = 74.5 ± 11.8 km
3.6mb (1 obs.)
NORTHERN SUMATERA (706)

PPI	2.12	117	iPd	53	39.00	0.6
			eS	54	04.00	
PSI	2.20	11	iPd	53	40.20	0.6
TSI	2.97	1	ePd	53	45.50	-4.7X

04d 13h

KLM	4.05	51	eP	54 07.00	1.6
IPM	4.76	32	ePc	54 14.10	-1.2
	0.6s	206.10nm			
			e	54 52.90	
KGM	5.03	73	iPc	54 17.30	-1.9
	0.6s	87.50nm			5.2mb X
			i	54 54.60	
BSI	5.90	327	ePc	54 30.50	-0.7
SNG	6.94	18	eP	54 46.00	0.4
GYA	26.96	16	P	58 41.40	0.3
XAN	34.75	15	P	59 48.60	-1.0
GTA	38.73	2	eP	00 23.60	0.4
WRA	40.57	122	Pc	00 38.50	0.0
	0.2s	0.20nm			3.6mb
HHC	41.86	15	Pc	00 50.80	1.9
BJI	42.50	20	eP	00 55.00	1.0
WMQ	44.18	349	eP	01 07.30	-0.4
CN2	49.33	26	Pc	01 46.50	-1.6
			pP	02 07.40	85kmX
	S.D. = 1.2	on	15 of	16 obs.	

DEC 04, 1985 14h 04m 29.55± 0.69s
43.250 N ± 5.9km 0.647 W ± 6.4km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
ML 2.7 (LDG).

OGE	0.15	123	Pd	04 33.28	0.2
ATE	0.17	194	Pc	04 33.95	0.5
			S	04 40.69	
MADF	0.17	228	Pc	04 33.26	-0.2
ESCF	0.18	163	P	04 34.04	0.4
ISSF	0.25	206	P	04 35.28	0.4
JAU	0.29	136	P	04 34.79	-1.0
BOH	0.30	241	P	04 35.43	-0.5
EPF	0.76	187	Pg	04 43.80	-0.6
			Sg	04 55.90	
LPO	1.95	42	Pg	05 01.80	-1.2
			Sg	05 27.70	
LFF	1.96	30	Pg	05 01.40	-1.7
			Sg	05 26.50	
CAF	2.57	48	Pg	05 14.40	2.4
			Sg	05 45.00	
RJF	2.58	36	Pg	05 13.20	1.2
			Sg	05 43.30	
	S.D. = 1.2	on	12 of	12 obs.	

DEC 04, 1985 14h 12m 40.86± 0.66s
44.623 N ± 4.9km 111.128 W ± 9.0km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 2.8 (NEIS).

IMW	0.74	169	iPc	12 55.20	-0.5
CCMT	1.28	284	iPnd	13 06.10	0.9
LCCM	1.33	337	ePn	13 05.80	-0.1
TMI	1.44	204	eP	13 07.30	-0.5
LRM	1.52	323	iPnd	13 09.60	0.6
SXM	1.53	358	ePn	13 09.40	0.4
HPI	1.68	238	eP	13 11.70	0.3
BUT	1.72	324	ePg	13 13.60	1.8X
			eSn	13 35.00	
HRY	2.15	347	ePn	13 17.70	-0.2
BDW	2.17	148	eP	13 19.00	0.7
NEW	5.51	313	e(P)	14 04.00	-1.7
	S.D. = 0.9	on	10 of	11 obs.	

• DEC 04, 1985 14h 19m 51.37± 1.18s
17.423 N ±23.3km 62.958 W ±13.1km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)
ML 3.6 (FDF).

BPA	1.12	109	iPd	20 10.98	0.2
			S	20 26.60	
SEG	1.72	126	ePc	20 19.29	-0.2
			S	20 40.30	
PAG	1.85	138	eP	20 22.02	0.6
			S	20 46.20	
PTG	1.85	140	eP	20 21.68	0.3
MGC	2.17	133	ePc	20 25.07	-0.8
BBL	2.36	143	eP	20 28.58	-0.1
SJG	3.12	283	iPd	20 39.40	0.0
			i	21 14.80	
	S.D. = 0.6	on	7 of	7 obs.	

DEC 04, 1985 14h 28m 55.91± 0.64s
44.626 N ± 4.6km 111.062 W ± 8.6km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 2.9 (NEIS).

IMW	0.73	173	iP	29 10.00	-0.6
CCMT	1.32	283	iPnd	29 21.20	0.2
LCCM	1.34	335	iPnc	29 20.90	-0.4
TMI	1.46	205	eP	29 22.50	-0.6
SXM	1.53	356	ePn	29 23.90	-0.2
LRM	1.55	321	iPnd	29 24.90	0.5
HPI	1.73	239	eP	29 27.50	0.5
BUT	1.75	323	ePg	29 29.20	2.0X
			eSn	29 50.40	
BDW	2.14	149	eP	29 34.00	1.0
HRY	2.15	346	ePn	29 32.90	-0.2
	S.D. = 0.6	on	9 of	10 obs.	

DEC 04, 1985 17h 01m 55.38± 0.65s
44.628 N ± 4.9km 111.076 W ± 8.4km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 3.1 (NEIS).

IMW	0.74	172	iPc	02 09.70	-0.5
CCMT	1.31	283	iPnd	02 20.50	0.2
TMI	1.46	205	eP	02 22.10	-0.5
SXM	1.52	357	ePn	02 23.60	0.1
LRM	1.54	321	ePn	02 23.70	-0.1
HPI	1.72	238	eP	02 26.80	0.4
BUT	1.74	323	ePg	02 27.80	1.2X
			eSn	02 49.60	
BDW	2.15	149	eP	02 33.30	0.7
HRY	2.15	346	ePn	02 32.10	-0.4
	S.D. = 0.5	on	8 of	9 obs.	

DEC 04, 1985 17h 06m 48.70± 0.58s
19.905 S ± 6.0km 177.201 W ± 5.1km
DEPTH = 339.9 ± 5.4 km
4.9mb (20 obs.)
FIJI ISLANDS REGION (181)

KRO	4.13	308	iP	07 58.40	-0.6
SVA	4.48	293	iPc	08 03.10	0.5
			eS	09 04.10	
NDE	4.67	314	eP	08 04.10	-0.8
NMS	4.74	292	iP	08 05.50	-0.1
MBU	4.85	306	iP	08 06.50	-0.3
NDF	5.50	292	iPc	08 15.20	1.2
			eS	09 25.20	
NUE	6.91	84	P	08 22.60	-7.9X
			S	09 41.00	
PVC	13.89	277	iPd	09 55.50	1.3
DZM	15.43	259	iPc	10 11.10	0.0
			iS	13 01.70	
NOU	15.44	258	iPd	10 11.50	0.4
CRZ	17.02	210	eP	10 28.00	0.4
GNZ	19.13	191	P	10 48.60	-0.2
			S	14 07.00	
MNG	21.57	195	eP	11 11.70	-1.0
			eS	14 52.00	
BRS	28.44	249	iP	12 15.80	0.5
RMQ	31.91	252	iPc	12 46.20	0.7
CAN	33.46	236	eP	12 58.70	0.0
CTA	34.30	263	iPc	13 06.10	0.3
	0.6s	82.00nm			5.3mb
CTAO	34.30	263	iPc	13 06.30	0.5
	0.6s	121.37nm			5.4mb
CMS	35.10	243	iPc	13 11.70	-0.7
PMG	35.95	282	eP	13 19.00	-0.8
TOO	36.85	233	eP	13 27.00	-0.1
	0.5s	38.00nm			5.0mb
STK	38.73	244	iPc	13 43.20	0.6
	0.4s	25.00nm			4.8mb
ADE	41.57	239	iPc	14 05.40	-0.4
ASPA	45.39	256	iPc	14 35.90	-0.5
WB2	45.42	261	iPc	14 35.30	-1.3
			eS	20 41.20	
WRA	45.43	261	Pd	14 36.00	-0.7
	0.5s	15.20nm			4.5mb
KNA	51.43	265	eP	15 22.00	-0.4
WBN	51.79	252	iPc	15 24.50	-0.4
	0.5s	41.00nm			5.0mb
AAI	55.56	279	e(P)	15 51.50	-0.8
MBL	58.62	257	iPd	16 12.80	-0.7
	0.6s	36.00nm			5.0mb
MEK	58.89	250	eP	16 15.00	-0.3

NAU	62.31	254	eP	16 38.00	-0.1
	0.5s	16.00nm			4.8mb
SPA	70.22	180	iPc	17 28.20	1.1
	0.7s	6.25nm			4.5mb
SYP	76.72	45	eP	18 05.00	0.2
PRS	76.87	43	eP	18 05.90	0.5
GCC	76.89	42	eP	18 05.40	-0.1
PCC	76.94	42	eP	18 05.70	0.0
SAO	77.08	43	eP	18 06.50	-0.1
PRI	77.22	44	ePd	18 08.00	0.6
BRK	77.24	42	eP	18 07.50	0.1
BKS	77.26	42	ePd	18 07.70	0.2
	0.8s	34.00nm			5.2mb
MHC	77.31	42	ePd	18 08.20	0.3
LLA	77.32	43	eP	18 08.10	0.2
MWC	77.85	47	eP	18 11.00	-0.1
BAR	77.96	49	eP	18 11.00	-0.5
RVR	78.19	47	eP	18 13.00	0.3
PLM	78.20	48	eP	18 13.00	0.1
SBB	78.27	46	iPd	18 13.00	-0.2
FRI	78.34	44	ePd	18 13.20	-0.2
ISA	78.38	45	eP	18 14.00	0.2
JAS1	78.43	42	iPd	18 13.80	-0.1
ORV	78.74	41	iPd	18 15.30	-0.2
WDC	78.74	39	iPd	18 15.70	0.2
CLC	79.06	46	eP	18 17.00	-0.4
CWC	79.09	45	eP	18 17.00	-0.6
MIN	79.16	40	eP	18 17.50	-0.4
TPC	79.17	48	eP	18 18.00	0.0
GSC	79.31	46	eP	18 19.00	0.3
GLA	79.47	49	eP	18 21.00	1.4
MNA	80.17	43	iPd	18 23.60	0.3
BMN	81.91	42	eP	18 32.70	0.5
EUR	82.17	43	iP	18 33.40	-0.3
	0.3s	12.50nm			5.2mb
IPM	83.84	277	ePc	18 43.10	0.8
	0.7s	22.90nm			5.1mb
PMR	84.27	13	eP	18 42.90	-0.5
	1.0s	2.00nm			3.9mb
PNT	85.75	34	eP	18 51.00	0.0
	0.8s	25.00nm			5.2mb
LTX	86.10	57	eP	18 54.90	1.6
	1.4s	46.05nm			5.2mb
			pP	20 12.90	332kmX
ALQ	86.45	51	eP	18 55.30	0.4
	0.8s	9.14nm			4.7mb
NEW	86.46	35	eP	18 54.00	-0.5
	0.7s	1.30nm			4.0mb
COL	87.50	12	iP	18 57.90	-1.2
LRM	87.78	39	eP	19 01.20	0.1
BDW	88.01	43	eP	19 01.70	-0.6
	0.9s	2.91nm			4.2mb
CHG	90.75	290	eP	19 17.00	1.9
CHTO	90.75	290	eP	19 16.80	1.7
	1.0s	4.50nm			4.4mb
INK	93.51	15	eP	19 25.00	-1.8
RSNT	95.66	24	eP	19 36.30	-0.4
	0.9s	4.20nm			4.6mb
YKA	95.66	24	eP	19 36.60	-0.1
SOB1	128.16	120	ePKP	25 15.90	-1.3
N82	138.48	354	PKP	25 30.70	-4.6X
	0.8s	1.90nm			
HFS	139.07	352	ePKP	25 27.30	-9.0X
	0.6s	1.60nm			
EBH	143.41	6	iPKPc	25 40.80	-3.3X
EAU	143.81	6	iPKPc	25 42.10	-2.7X
EBL	143.92	6	ePKP	25 41.70	-3.3X
EKA	144.34	6	PKP	25 44.00	-1.7
KSP	147.34	344	iPKPd	25 53.50	2.7X
ANTO	147.49	314	ePKP	25 53.80	2.3X
	0.8s	6.59nm			
CLL	147.65	348	iPKPd	25 53.60	2.4X
WTS	147.82	355	ePKPd	25 54.50	3.0X
			e	25 57.50	
BRG	147.86	347	iPKPd	25 53.50	1.9
	0.6s	20.00nm			
			i	25 57.00	
MOX	148.54	349	e(PKP)	25 57.00	4.3X
PRU	148.56	345	PKP	25 56.70	4.0X
			e	26 00.50	
MEM	149.26	356	PKP	25 58.00	4.3X
ZST	149.50	341	ePKP	25 58.80	4.6X
GRF	149.53	349	ePKP	25 59.40	5.1X
			e	26 05.10	
KHC	149.58	346	PKPd	25 59.30	4.9X
			e	26 35.80	
DOU	149.84	358	PKP	25 59.50	4.8X

WLF	150.19	356	PKP	26	01.10	5.9X
FLN	151.09	4	iPKPd	26	02.10	5.5X
LDF	151.28	4	iPKPd	26	02.40	5.5X
CDF	151.33	354	ePKP	26	02.80	5.7X
GRR	151.43	5	iPKPd	26	03.10	6.0X
KBA	151.56	345	iPKPc	26	02.90	5.3X
	0.6s		7.10nm			
LPF	151.77	5	iPKPd	26	03.80	6.2X
HAU	151.82	355	ePKP	26	03.90	6.1X
BSF	151.95	354	ePKP	26	04.10	6.0X
LJU	152.20	342	e(PKP)	26	04.50	6.2X
VOY	152.39	343	iPKP	26	04.70	6.0X
			e	26	15.90	
GRC	152.68	360	iPKPd	26	06.40	7.5X
			i	26	17.80	
LOR	152.69	358	ePKP	26	06.00	7.0X
TRI	152.72	343	iPKP	26	05.60	6.6X
SSF	152.91	359	ePKP	26	06.60	7.3X
LBF	152.97	358	ePKP	26	07.20	7.8X
MFF	153.26	5	ePKP	26	07.00	7.2X
BGF	153.42	360	ePKP	26	07.60	7.6X
TCF	153.68	1	ePKP	26	07.90	7.5X
LSF	153.70	2	ePKP	26	07.80	7.4X
	S.D. = 0.7		on 78 of 115 obs.			

* DEC 04, 1985 17h 42m 54.32± 0.77s
28.276 N ±13.6km 140.710 E ±12.3km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
BONIN ISLANDS REGION (212)

CBI	1.76	132	eP	43	23.00	0.1
			eS	43	46.00	
SSE	17.20	284	P	46	54.00	0.4
	N 12s		0.50um			
			eS	50	19.00	
			esS	50	30.00	
MDJ	18.57	334	Pc	47	09.00	-1.5
			S	50	32.00	
DL2	19.07	309	Pc	47	18.50	1.9
NJ2	19.26	287	iPc	47	20.00	1.1
CN2	19.76	326	Pd	47	22.00	-2.3
TIA	21.43	298	eP	47	41.50	-0.1
WHN	23.06	282	eP	47	57.50	-0.3
BJI	23.37	307	eP	48	02.00	1.3
			eS	52	18.00	
TIY	25.44	299	eP	48	20.50	-0.2
XAN	27.73	290	eP	48	40.80	-1.1
BTO	27.99	304	eP	48	45.00	0.8
			eS	53	29.00	
CD2	32.15	284	eP	49	20.70	-0.5
GTA	35.46	299	eP	49	48.00	-1.8
WRA	48.33	188	Pd	51	33.80	-0.9
	0.7s		7.50nm		4.8mb	
KKN	48.55	283	eP	51	38.20	1.4
	0.8s		5.00nm		4.6mb	
COL	56.93	29	eP	52	40.00	1.6
	S.D. = 1.3		on 17 of 17 obs.			

DEC 04, 1985 18h 51m 34.00± 0.89s
32.032 S ± 8.8km 67.986 W ± 8.7km
DEPTH = 10.0km (geophysicist)
MENDOZA PROVINCE, ARGENTINA (139)

CFA	0.48	333	iPc	51	44.20	0.5
			S	51	50.50	
RTCV	0.50	290	iPc	51	43.90	-0.2
ZON	0.76	309	eP	52	00.00	11.0X
			eS	52	10.00	
RTLL	0.81	329	iPc	51	49.80	0.0
RTCB	0.88	308	ePd	51	50.90	-0.1
PEL	2.53	243	iPc	52	19.50	3.6X
			iS	52	52.60	
VCA	3.29	357	ePd	52	33.00	6.3X
			S	53	16.00	
SLA	7.60	17	eP	53	27.20	-0.4
VBA	7.77	142	e(P)	53	30.00	0.2
	S.D. = 0.4		on 6 of 9 obs.			

& DEC 04, 1985 18h 55m 19.00s
37.265 N 121.663 W
DEPTH = 6.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.5 (BRK).
Mo=2.4*10**21 (BRK). Felt at San Jose.

MHC	0.08	13	iPd	55	20.90	-0.2
ARN	0.13	51	iP	55	21.60	-0.3
GCC	0.36	229	iPd	55	26.40	0.2
			iS	55	30.90	
SAO	0.53	161	iPd	55	29.60	0.0
PCC	0.62	292	iPc	55	30.80	-0.6
BKS	0.76	324	iPc	55	34.00	-0.2
			eS	55	45.60	
BRK	0.77	322	iPc	55	33.90	-0.5
			iS	55	46.60	
ZSP	0.83	325	iPc	55	35.30	-0.1
			eS	55	49.00	
LLA	0.87	138	ePc	55	34.90	-1.2
PRS	0.96	166	iPd	55	36.80	-0.9
JAS1	1.19	56	iPd	55	40.40	-1.1
PRI	1.38	144	ePd	55	43.60	-1.3
NWRM	1.53	321	eP	55	45.00	-1.9
FRI	1.59	99	iPc	55	46.10	-1.6
PHAM	1.75	144	eP	55	48.80	-2.1
ORV	2.29	3	eP	55	55.60	-2.3
ISA	3.03	121	eP	56	07.00	-1.4
MIN	3.08	1	eP	56	10.30	1.1
CLC	3.58	113	eP	56	23.00	6.7
SB8	4.04	128	eP	56	22.00	-0.7
TPC	5.55	123	eP	56	43.00	-1.2
	21 obs. associated					

DEC 04, 1985 21h 04m 45.87± 0.68s
42.308 N ± 7.1km 19.911 E ± 5.7km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 2.7 (TTG).

PVY	0.29	9	iPgc	04	51.50	-0.5
			eSg	04	57.70	
TTG	0.50	284	iPgc	04	55.00	-0.9
			eSg	05	04.50	
IVA	0.56	359	ePg	04	56.70	-0.7
			eSg	05	06.00	
ULC	0.60	235	ePg	04	57.50	-0.5
			eSg	05	07.50	
BDV	0.80	269	ePg	05	01.20	-0.3
			eSg	05	14.00	
NKY	0.84	307	ePg	05	02.40	0.2
			eSg	05	15.00	
HCY	1.06	278	ePg	05	05.70	-0.1
			eSg	05	22.00	
BRY	1.17	301	ePg	05	08.00	0.2
			eSg	05	25.50	
SKO	1.19	106	iPn	05	06.00	-2.0
OHR	1.37	151	iPn	05	10.90	-0.1
			iSn	05	30.40	
VAY	2.22	115	ePn	05	25.70	2.5
VOY	5.71	313	ePn	06	15.00	2.2
			eSn	07	22.80	
	S.D. = 1.4		on 12 of 12 obs.			

? DEC 04, 1985 23h 29m 40.26± 0.70s
18.903 N ±12.2km 144.119 E ±37.5km
DEPTH = 33.0km (normal)
4.4mb (1 obs.)
MARIANA ISLANDS (216)

PJG	5.33	172	e(P)	31	00.30	0.6
WRA	39.78	194	Pc	37	10.70	-1.3
	0.9s		6.50nm		4.4mb	
MRWA	55.00	210	eP	39	11.50	0.6
COL	63.77	26	eP	40	12.10	1.1
INK	69.77	23	eP	40	48.00	-0.9
MBC	73.33	14	eP	41	12.00	2.0
YKA	78.51	28	eP	41	39.10	-0.4
YKC	78.57	28	eP	41	38.00	-1.8
PNT	79.87	41	eP	41	47.00	-0.2
ZOBO	149.17	90	ePKP	49	23.60	-0.5
	1.0s		7.50nm			
LPB	149.24	91	ePKP	49	25.00	1.0
CNCB	149.40	91	ePKP	49	25.00	0.6
TPZ	151.90	100	ePKP	49	27.00	-0.8
	S.D. = 1.2		on 13 of 13 obs.			

? DEC 05, 1985 00h 27m 37.60± 3.74s
31.279 S ±21.2km 68.539 W ±34.4km
DEPTH = 94.0 ± 39.6 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.08	130	iPd	27	51.20	-0.1
			S	27	59.70	
RTCB	0.30	227	iPc	27	51.90	0.1
CFA	0.42	142	iPd	27	52.50	0.1
			S	28	04.80	
RTCV	0.58	180	iPd	27	53.60	-0.1
			S	28	06.40	
VCA	2.55	7	ePd	28	18.80	0.8
			S	28	51.80	
	S.D. = 0.2		on 5 of 5 obs.			

* DEC 05, 1985 03h 22m 19.10± 1.51s
24.293 N ± 6.2km 121.818 E ±22.1km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWD	0.29	224	iPd	22	24.00	-1.2
TWC	0.32	5	iPd	22	25.00	-0.7
			eS	22	30.00	
TATO	0.74	336	iPc	22	33.90	0.3
			eS	22	43.80	
TWZ	0.83	345	iPc	22	35.30	0.2
ANP	0.93	343	iPc	22	37.00	0.1
	0.8s		417.9inm			
			eS	22	38.80	
TWF1	1.05	207	eP	22	38.70	-0.2
TWK	1.59	230	iPd	22	48.10	0.7
TWG	1.62	205	eP	22	48.60	0.9
	S.D. = 0.8		on 8 of 8 obs.			

* DEC 05, 1985 03h 28m 50.19± 1.95s
24.286 N ± 8.0km 121.822 E ±26.4km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWD	0.29	225	iPd	28	55.50	-0.8
TWC	0.32	4	iPc	28	56.20	-0.7
			eS	29	01.50	
TATO	0.75	336	iPc	29	05.00	0.1
			eS	29	14.40	
TWZ	0.84	345	iPc	29	06.60	0.2
ANP	0.94	343	eP	29	08.50	0.4
TWF1	1.05	207	iPd	29	10.60	0.7
	S.D. = 0.8		on 6 of 6 obs.			

& DEC 05, 1985 03h 42m 33.52s
61.635 N 150.748 W
DEPTH = 66.3km
SOUTHERN ALASKA (2)
<AGS-P>.

SUA	0.17	179	iP	42	43.70	-0.2
			iS	42	51.81	
PWA	0.42	87	iP	42	44.99	-0.4
SKT	0.51	313	iP	42	45.60	-0.7
CGLM	0.69	242	iP	42	47.95	-0.4
PMS	0.69	124	iP	42	47.73	-0.6
CRP	0.77	242	iP	42	48.99	-0.4
			iS	43	01.05	
PLRM	0.77	92	iP	42	48.34	-0.9
			iS	43	00.03	
SPU	0.78	235	iP	42	48.75	-0.6
			iS	43	00.75	
PME	0.82	90	iP	42	49.24	-0.6
			iS	43	01.65	
GHO	0.88	80	iP	42	50.23	-0.4
			iS	43	03.63	
NKA	0.93	195	iP	42	52.30	1.2
KNK	1.12	100	iP	42	53.20	-0.5
			iS	43	08.66	
PTE	1.14	132	iP	42	53.07	-0.8
			iS	43	08.60	
SLKM	1.16	167	iP	42	53.19	-1.0
SML	1.16	80	iP	42	53.43	-0.9
			iS	43	09.24	
MPA	1.33	149	eP	42	55.79	-0.7
RDT	1.34	218	iP	42	56.14	-0.5
PWL	1.40	123	iP	42	56.35	-1.1
CFI	1.50	106	iP	42	57.72	-1.1
NNL	1.62	190	eP	43	01.03	0.6
SCM	1.64	82	eP	42	59.95	-0.8
			iS	43	21.40	
ILM	1.77	216	iP	43	02.07	-0.5
BRLK	1.88	182	eP	43	02.79	-1.2
LOU	1.91	126	iP	43	01.79	-2.7
GLI	1.92	112	iP	43	02.55	-2.0
KNIM	1.95	130	eP	43	02.28	-2.8
VZW	2.10	104	eP	43	05.41	-1.7
VLZ	2.18	101	eP	43	06.09	-2.1

05d 03h

TOA	2.22	76	ePn	43	08.51	-0.3
MTU	2.24	136	ePn	43	06.94	-2.1
FID	2.25	111	ePn	43	06.63	-2.5
KLU	2.31	91	IPn	43	08.28	-1.9
SVW	2.41	259	ePn	43	09.92	-1.5
TTA	2.78	300	ePn	43	15.33	-1.4
COL	3.54	21	ePn	43	26.00	-1.2
BALM	4.09	95	ePn	43	33.17	-2.0
	36 obs. associated					

& DEC 05, 1985 06h 28m 36.90s
40.600 N 124.500 W
DEPTH = 5.0km (geophysicist)
3.6mb (1 obs.)
NEAR COAST OF NORTHERN CALIF. (35)
<BRK>. ML 3.2 (BRK). Felt (II) at Rio Dell.

FHC	0.44	63	IPc	28	46.60	0.9
			i	28	53.40	
WDC	1.49	90	IPc	29	02.00	-2.4
			e	29	09.30	
GAS	1.66	124	ePn	29	04.80	-2.1
LBFM	2.11	68	ePn	29	11.40	-2.2
MIN	2.22	96	IPc	29	12.30	-2.8
			e	29	35.60	
			iS	29	40.58	
ORV	2.53	113	IPc	29	16.00	-3.3
PCC	3.51	151	ePn	29	30.60	-2.6
WCN	3.87	108	ePn	29	35.80	-2.7
GCC	4.07	150	ePn	29	37.60	-3.5
JAS1	4.14	129	IPn	29	40.30	-1.9
SAO	4.51	147	ePn	29	44.40	-3.1
FRI	5.19	132	IPd	29	55.00	-2.1
EUR	6.64	97	IPn	30	14.80	-3.0
	0.2s	41.31nm			6.1mb X	
MSU	9.75	98	ePn	30	58.40	-2.6
BDW	11.38	74	ePn	31	20.00	-3.4
LTX	20.39	117	Pn	33	15.60	-1.8
	1.0s	3.00nm			3.6mb	
	16 obs. associated					

• DEC 05, 1985 08h 25m 42.80± 0.58s
35.247 S ±11.6km 109.438 W ±11.0km
DEPTH = 10.0km (geophysicist)
5.2mb (12 obs.)
EASTER ISLAND CORDILLERA (684)

ARE	38.64	71	IPd	33	08.50	0.0
TPZ	40.54	82	ePn	33	22.00	-2.3
CNCB	41.18	74	Pn	33	31.50	1.7
LPB	41.24	74	Pd	33	31.90	1.7
	1.0s	30.00nm			5.0mb	
ZOBO	41.37	74	ePn	33	32.20	0.8
	1.2s	30.41nm			4.9mb	
			LR	45	08.00	
VHO	53.57	15	IPn	35	06.00	-0.3
TPM	54.82	12	IPn	35	16.00	0.5
SPA	54.93	180	ePd	35	14.90	-1.1
	1.0s	6.50nm			4.6mb	
OXM	55.03	11	IPn	35	15.00	-2.2
VAO	55.12	95	e(P)	35	19.00	1.2
BDF	58.00	87	e(P)	35	31.00	-7.4X
LTX	64.46	6	ePn	36	20.80	-0.9
	1.3s	12.45nm			4.9mb	
JCT	66.00	9	IPn	36	29.70	-1.8
	1.0s	80.00nm			5.9mb	
SOB1	67.24	85	ePn	36	44.60	4.8X
BAR	67.91	353	ePn	36	43.00	-0.6
PLM	68.60	353	ePn	36	48.00	0.0
TPC	69.27	354	ePn	36	53.00	1.0
RVR	69.28	353	ePn	36	52.00	0.0
ITR	69.50	86	e(P)	36	53.80	-0.1
MWC	69.58	352	ePn	36	55.00	0.9
ALQ	69.88	3	e(P)	36	55.00	-0.9
SBB	70.01	353	ePn	36	56.00	-0.6
QZO	70.43	9	ePn	36	55.20	-3.8X
	1.1s	7.70nm			4.7mb	
ISA	71.05	352	ePn	37	03.00	0.2
CLC	71.11	353	ePn	37	03.00	-0.2
OCO	71.29	10	ePn	37	03.20	-1.0
CWC	71.77	353	ePn	37	07.00	-0.3
PRI	71.79	350	ePn	37	08.10	0.7
TUL	71.93	12	ePn	37	06.50	-1.5
	0.9s	82.10nm			5.8mb	
PRS	72.07	350	e(P)	37	09.30	0.4
RLO	72.31	12	ePn	37	08.00	-2.3
FRI	72.50	351	ePc	37	11.20	-0.2
			e	37	17.50	
MHC	73.11	350	ePn	37	16.10	1.0
JAS1	73.51	351	ePc	37	17.90	0.6
BKS	73.72	349	ePn	37	19.80	1.3
	1.0s	43.00nm			5.5mb	
			e	37	31.40	
MNA	73.75	353	ePc	37	19.90	1.0
			e	37	26.20	
GOL	74.67	3	ePn	37	23.70	-0.6
	1.2s	13.11nm			4.8mb	
ORV	75.26	350	ePc	37	28.10	0.7
BMN	75.65	354	ePn	37	30.50	0.7
WDC	76.41	350	ePc	37	34.00	0.1
			e	37	40.50	
BDW	77.65	360	ePn	37	40.20	-0.8
	1.1s	34.59nm			5.4mb	
NEW	83.42	355	ePn	38	12.00	0.7
PNT	84.68	353	ePn	38	20.00	2.4
RSNY	85.51	24	ePn	38	22.30	0.5
	1.7s	36.25nm			5.3mb	
RSON	86.85	10	ePn	38	28.50	0.2
	1.0s	27.00nm			5.4mb	
SNG	140.74	232	ePKP	45	33.50	18.4X
BJI	143.87	291	ePKP	45	20.50	0.7
TIY	146.44	287	ePKP	45	29.00	4.7X
LOE	147.09	245	ePKP	45	25.00	-0.8
HHC	147.45	292	ePKP	45	31.00	5.1X
XAN	148.55	279	ePKP	45	28.60	0.8
ANTO	149.86	70	e(PKP)	45	28.00	-1.6
	0.9s	18.76nm				
CHTO	150.03	244	ePKP	45	33.20	2.8X
	1.3s	11.03nm				
CD2	151.93	271	PKP	45	36.00	3.0X
GTA	156.42	289	PKP	45	41.00	2.0X
	S.D. = 1.1 on 46 of 55 obs.					

& DEC 05, 1985 08h 37m 08.61s
60.164 N 153.208 W
DEPTH = 142.5km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.20	85	iPn	37	27.78	1.2
			iS	37	42.60	
RDT	0.57	44	iPn	37	29.11	-0.7
NNL	0.97	96	iPn	37	32.96	0.3
NKA	1.14	58	ePn	37	34.78	0.6
SPU	1.17	29	iPn	37	33.54	-1.0
CRP	1.22	25	iPn	37	34.47	-0.8
			iS	37	54.78	
BRLK	1.24	108	ePn	37	34.78	-0.4
CGLM	1.29	27	iPn	37	34.81	-1.0
SVW	1.52	310	iPn	37	37.17	-1.1
SLKM	1.53	76	iPn	37	36.82	-1.4
SUA	1.78	42	iPn	37	40.01	-1.2
SEW	1.88	90	ePn	37	41.21	-1.0
MPA	1.94	79	ePn	37	41.24	-1.7
SKT	2.00	23	ePn	37	42.40	-1.3
PMS	2.10	57	IPn	37	43.00	-1.9
PTE	2.19	69	IPn	37	43.77	-2.1
PWA	2.21	46	ePn	37	44.11	-2.1
KDC	2.45	171	iPn	37	47.95	-1.2
PLRM	2.46	53	ePn	37	46.54	-2.7
PME	2.51	52	ePn	37	47.38	-2.6
GHO	2.64	50	IPn	37	49.02	-2.7
KNK	2.65	60	ePn	37	49.02	-2.7
KNIM	2.73	84	ePn	37	49.83	-3.0
MTU	2.79	91	ePn	37	52.14	-1.4
SML	2.89	53	iPn	37	52.16	-2.7
TTA	3.08	335	ePn	37	55.60	-1.8
COL	5.37	25	ePn	38	25.00	-2.7
YKA	18.48	66	ePn	41	15.60	-0.2
	28 obs. associated					

? DEC 05, 1985 10h 43m 44.76± 2.35s
36.522 S ±47.9km 99.967 W ±18.8km
DEPTH = 10.0km (geophysicist)
4.9mb (3 obs.)
SOUTHERN PACIFIC OCEAN (692)

SLA	31.75	78	ePn	50	10.80	-0.6
ARE	32.19	59	ePn	50	14.00	-1.4
TPZ	33.30	73	ePn	50	27.00	1.8
CNCB	34.44	84	Pn	50	35.00	-0.3
LPB	34.54	63	ePn	50	37.00	1.0
	Z 24s	1.16um			4.5MszX	
			S	56	04.00	
			LR	59	56.00	
ZOBO	34.69	63	ePn	50	36.90	-0.6
	1.3s	55.21nm			5.3mb	
			LR	00	12.00	
SOB1	59.80	78	ePn	53	53.40	0.6
ITR	62.03	80	ePn	54	06.90	-1.0
BHO	70.70	4	e(P)	55	03.20	0.7
TPC	71.85	346	ePn	55	09.00	-0.6
TUL	72.17	4	ePn	55	15.20	3.8X
	1.4s	17.10nm			4.9mb	
RLO	72.47	4	e(P)	55	13.70	0.6
SBB	72.77	345	ePn	55	10.00	-5.1X
GSC	73.16	346	ePn	55	13.00	-4.3X
ISA	73.85	344	ePn	55	21.00	-0.3
PRI	74.81	343	e(P)	55	32.90	5.9X
MNA	76.45	345	e(P)	55	38.50	2.2X
JAS1	76.46	343	e(P)	55	38.20	2.0X
EUR	77.06	347	IPn	55	40.00	0.2
	0.5s	1.06nm			4.2mb	
NEW	85.79	349	ePn	56	25.00	-0.1
YKA	99.38	353	ePn	57	23.50	-4.3X
	S.D. = 0.9 on 14 of 21 obs.					

DEC 05, 1985 11h 35m 03.03± 0.42s
21.887 N ± 3.4km 121.855 E ± 5.9km
DEPTH = 128.6 ± 3.8 km
4.9mb (17 obs.)
TAIWAN REGION (243)

TWG	1.18	322	IPd	35	26.50	-1.4
TWF1	1.55	341	IPn	35	31.40	-0.5
TWK	1.87	318	iPd	35	34.50	-1.3
TWD	2.20	354	IPd	35	39.50	-0.3
TWQ	2.55	339	iPd	35	44.10	-0.3
TWC	2.71	360	iPd	35	47.50	1.1
TATO	3.09	354	iPd	35	52.30	0.9
TWZ	3.21	356	iPd	35	53.50	0.5
ANP	3.30	355	ePn	35	56.00	1.8
PIP	3.73	198	iPc	35	58.50	-1.4
			iS	36	38.00	
QZH	4.27	316	iPd	36	04.80	-2.4
			S	36	50.00	
SZP	4.51	197	iPd	36	11.00	0.5
			iS	37	02.00	
HKC	7.14	275	ePn	36	47.20	1.0
			eS	38	01.80	
MAN	7.23	186	ePd	36	46.80	-0.6
	0.8s	950.00nm			6.4mb X	
MCO	7.70	273	ePn	36	53.60	-0.3
GZH	7.96	280	Pn	36	59.90	2.6
			iS	38	21.40	
PGP	8.38	186	IPd	37	04.50	1.5
	0.8s	114.00nm			5.6mb	
SSE	9.19	356	ePn	37	14.00	0.2
			e(Lg)	39	26.20	
NJ2	10.47	346	Pd	37	31.50	0.7
WHN	10.94	324	iPc	37	36.20	-0.8
OIZ	11.61	258	ePn	37	52.00	6.1X
XAN	16.63	319	IPc	38	50.80	1.0
TIY	17.75	335	Pn	39	03.60	0.1
CD2	18.52	303	Pn	39	11.80	-0.4
BJI	18.73	346	ePn	39	13.50	-0.8
LOE	19.47	260	ePn	39	22.00	-0.2
HHC	20.82	338	Pd	39	35.40	-0.5
LZH	21.12	316	IPc	39	40.00	0.9
CHTO	21.69	266	ePn	39	46.40	1.7
	0.8s	7.32nm			4.1mb	
GTA	25.67	318	Pn	40	22.50	-0.2
SHL	27.65	284	ePn	40	40.60	-0.3
PKI	33.50	287	ePn	41	32.50	-0.1
KKN	33.62	288	ePn	41	33.40	-0.1
	0.9s	25.00nm			5.0mb	
DMN	33.77	287	ePn	41	34.80	0.0
WMO	35.71	316	Pn	41	51.50	0.6
WRA	43.33	163	Pd	42	52.90	-1.1
	0.8s	8.60nm			4.5mb	
NAU	44.59	188	ePn	43	04.00	0.0
ASPA	46.77	165	ePn	43	21.00	-0.3
W8N	47.96	174	iPd	43	30.40	-0.1
	0.5s	42.00nm			5.5mb	
CTA	48.05	149	IPd	43	32.20	0.9
	0.8s	9.70nm			4.6mb	
CTAO	48.05	149	ePn	43	32.80	1.5
	0.7s	10.53nm			4.7mb	
MEK	48.32	184	ePn	43	32.00	-1.3
	0.5s	28.00nm			5.3mb	

IR2	62.49	300	eP	45	16.00	0.7
COL	70.56	27	eP	46	05.00	-0.6
	0.8s	7.84nm			4.6mb	
KEV	71.33	339	IP	46	09.70	-0.4
	0.6s	22.20nm			5.1mb	
SOD	72.00	336	IP	46	14.30	0.2
KJF	72.31	333	IP	46	15.20	-0.8
	0.6s	44.30nm			5.4mb	
SUF	73.36	331	IP	46	21.90	-0.2
	0.4s	18.60nm			5.2mb	
NUR	74.67	329	IP	46	29.50	-0.2
	0.6s	26.00nm			5.2mb	
MBC	75.36	13	eP	46	33.00	-0.4
UPP	78.19	330	IP	46	48.90	-0.4
DAG	78.74	351	IPc	46	51.50	-0.6
	1.0s	14.00nm			4.7mb	
HFS	79.86	331	eP	46	58.30	-0.1
	0.9s	12.00nm			4.7mb	
NB2	80.54	332	P	46	59.60	-2.4
	0.8s	7.40nm			4.5mb	
KRA	80.81	320	eP	47	03.90	0.3
VAY	82.48	311	eP	47	12.60	0.1
OHR	83.79	312	eP	47	19.00	-0.3
CLL	84.25	323	iPc	47	21.50	0.2
	0.9s	13.00nm			4.8mb	
YKA	84.84	23	eP	47	25.50	1.5
YKC	84.89	23	eP	47	25.00	0.7
S.D. = 1.0 on 59 of 60 obs.						

• DEC 05, 1985 12h 06m 47.75± 0.65s
28.397 N ±11.5km 140.699 E ± 9.3km
DEPTH = 33.0km (normal)
BONIN ISLANDS REGION (212)

C81	1.85	134	eP	07	17.00	-0.7
			eS	07	36.00	
SSE	17.16	284	P-	10	44.00	-2.5X
	8.0s	0.70nm			1.8mb	X
			eS	14	12.00	
			e	14	24.00	
NJ2	19.22	286	iPc	11	12.00	0.2
SNY	19.34	318	eP	11	10.00	-3.1X
			sP	11	19.50	
CN2	19.65	326	eP	11	12.00	-4.6X
			sP	11	22.00	
			eS	14	40.00	
OZH	20.05	265	Pc	11	21.00	0.1
BAG	22.06	242	eP	11	40.00	-1.6
			eS	15	46.00	
WHN	23.02	282	eP	11	52.50	1.6
BJI	23.29	306	eP	11	53.00	-0.4
			eS	16	10.00	
			eS	17	02.00	
TIY	25.37	299	P	12	13.50	0.0
DAV	25.57	217	eP	12	17.00	1.5
HHC	26.87	305	eP	12	25.70	-1.7
BTO	27.92	304	P	12	37.00	0.0
CD2	32.11	284	eP	13	11.60	-2.6X
GTA	35.40	299	eP	13	39.70	-3.0X
NDI	55.14	287	eP	16	19.50	0.1
COL	56.83	29	eP	16	31.50	0.4
LRM	80.82	43	eP	19	00.50	0.6
S.D. = 1.1 on 13 of 18 obs.						

DEC 05, 1985 13h 02m 05.75± 1.13s
13.866 S ± 8.1km 166.047 E ± 8.5km
DEPTH = 42.0 ± 10.1 km
4.6mb (6 obs.)
VANUATU ISLANDS (186)

HNR	7.42	306	eP	03	54.00	-0.4
SVO	7.70	307	eP	03	58.00	-0.2
			eS	05	33.00	
VSG	7.72	306	eP	03	58.00	-0.5
			eS	05	23.00	
DZM	8.17	177	iPc	04	02.50	-2.3
			iS	05	29.80	
NOU	8.41	177	iPc	04	08.00	0.0
			iS	05	34.00	
NDF	11.63	111	eP	04	54.90	2.7
PMG	19.02	281	eP	06	28.00	0.9
CTA	19.91	249	iPd	06	37.20	0.4
	1.0s	24.50nm			4.5mb	
CTAO	19.91	249	eP	06	37.80	1.0
	1.1s	20.88nm			4.4mb	
STK	28.68	227	eP	08	01.00	0.0
WBN	38.90	246	eP	09	23.00	-6.3X
MEK	46.09	246	eP	10	28.00	0.2
	0.5s	18.00nm			5.3mb	
BJI	70.85	322	eP	13	20.00	-0.3
CHTO	73.64	295	eP	13	38.20	0.9
	0.8s	5.12nm			4.5mb	
SPA	76.22	180	IPd	13	50.40	-1.1
	0.7s	3.91nm			4.5mb	
COL	85.90	18	iP	14	41.00	-1.1
	0.8s	9.70nm			5.1mb	
FBA	85.90	18	eP	14	40.30	-1.8
PKI	88.25	299	eP	14	55.20	0.5
KKN	88.42	299	eP	14	56.00	0.6
DMN	88.51	299	eP	14	56.80	0.9
SMF	144.07	339	ePKP	21	35.40	-3.2X
	0.9s	6.50nm				
AVF	144.11	340	ePKP	21	36.20	-2.5X
SOB1	144.78	129	ePKP	21	38.40	-2.4X
MZF	144.87	340	ePKP	21	39.40	-0.6
	0.8s	7.20nm				
TCF	144.93	340	ePKP	21	39.30	-0.8
	1.0s	16.00nm				
LSF	145.18	341	ePKP	21	40.00	-0.5
MFF	145.37	343	ePKP	21	40.30	-0.5
	0.8s	11.80nm				
BNG	146.62	257	IPKPd	21	45.30	1.4
	0.9s	40.00nm				
			id	22	00.10	
BCAO	146.63	257	ePKP	21	45.20	1.3
	1.2s	32.29nm				
ITR	146.91	131	ePKP	21	43.90	-0.4
S.D. = 1.1 on 26 of 30 obs.						

& DEC 05, 1985 14h 02m 15.00s
59.213 N 145.573 W
DEPTH = 22.7km
GULF OF ALASKA (15)
<AGS-P>. ML 2.8 (PMR).

MID	0.45	299	eP	02	25.10	0.9
KAIM	0.93	39	iP	02	30.93	-1.4
			iS	02	45.35	
HIN	1.28	339	iP	02	37.52	0.0
SGAM	1.31	8	iP	02	37.51	-0.4
HMT	1.31	30	iP	02	37.22	-0.8
			iS	02	55.03	
MTU	1.31	307	eP	02	37.75	-0.3
KNIM	1.58	317	eP	02	41.42	-0.4
FID	1.61	344	iP	02	42.12	-0.2
LOU	1.63	321	eP	02	41.86	-0.8
SNH	1.69	54	eP	02	41.91	-1.6
GLI	1.84	336	eP	02	45.31	-0.3
WAX	1.85	47	iP	02	44.05	-1.8
VZW	1.92	346	iP	02	46.50	-0.3
VLZ	1.96	349	iP	02	46.80	-0.6
			eS	03	11.86	
PWL	2.16	321	eP	02	49.53	-0.7
YAH	2.25	58	IP	02	49.49	-2.3
CFI	2.26	332	eP	02	50.97	-0.6
KLU	2.29	356	IP	02	51.49	-0.7
MPA	2.30	305	eP	02	51.07	-1.1
PTE	2.40	315	eP	02	52.53	-1.0
GLB	2.40	21	IP	02	52.53	-1.2
BALM	2.44	40	IP	02	52.51	-1.8
KNK	2.63	328	eP	02	56.86	-0.2
SLKM	2.68	301	eP	02	56.93	-0.8
CTGM	2.76	49	eP	02	56.70	-2.2
BRLK	2.77	284	eP	03	00.66	1.8
SCM	2.77	342	eP	02	58.69	-0.3
PMS	2.85	317	eP	02	58.40	-1.6
TOA	2.92	354	eP	03	00.99	0.0
SML	2.94	334	eP	03	01.14	-0.2
PLRM	2.97	325	eP	03	03.39	1.7
PME	2.97	326	eP	03	00.60	-1.1
GHO	3.06	329	eP	03	02.96	-0.1
SUA	3.42	314	eP	03	07.21	-1.0
RDT	3.70	295	eP	03	12.53	0.3
SPU	3.79	304	eP	03	12.26	-1.2
COL	5.80	351	eP	03	41.00	-0.8
37 obs. associated						

• DEC 05, 1985 14h 58m 00.37± 1.00s
26.249 S ± 8.8km 27.306 E ± 9.0km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)

BPi	0.65	84	eP	58	14.00	0.5
SLR	1.02	60	iPc	58	21.70	1.5
JOZ	4.43	107	eP	59	08.20	-1.6
			(S)	59	52.70	
BUL	6.20	11	iPn	59	37.60	2 1
			iSn	00	45.60	
			iSg	01	18.00	
SUR	8.33	221	eP	00	05.70	0.8
			S	01	33.00	
KRI	9.62	13	iPn	00	23.50	0.9
			iSn	02	06.80	
			iSg	03	01.00	
MTD	10.23	24	iPn	00	30.10	-0.9
			eSn	02	16.00	
			iSg	03	17.10	
LSZ	10.95	4	iPn	00	40.80	-0.1
			iSn	02	41.40	
			iLg	03	51.10	
TET	11.63	31	i(P)	00	49.00	-1.0
	0.9s	110.00nm			6.2mb	X
			iSn	02	56.00	
			iSg	04	05.00	
			Sg	04	11.00	
KMZ	12.80	354	iPn	01	05.20	-0.8
			iSn	03	26.00	
			iLg	04	50.00	
MZZ	15.10	6	iPn	01	35.00	-1.3
			iSn	04	17.00	
			iLg	05	57.00	
IKZ	16.77	19	ePn	02	01.50	3.6X
			iSn	05	14.30	
			iLg	06	43.70	
S.D. = 1.4 on 11 of 12 obs.						

& DEC 05, 1985 15h 00m 00.07s
37.053 N 116.045 W
DEPTH = 0.0km
5.7mb (89 obs.)
SOUTHERN NEVADA (41)
<DOE>. ML 5.2 (BRK). 37° 03' 11.76" N., 116° 02' 43.33" W., Surface Elev. 1235 m., Depth of Burial 600 m., Shot Time 150000.067, "KINIBITO", Nevada Test Site (Dept. of Energy).

GMN	1.00	285	iPc	00	19.00	-1.1
CLC	1.76	226	iPc	00	31.10	-0.9
GSC	1.85	200	iPc	00	32.50	-1.0
MNA	2.17	310	iPc	00	37.40	-0.7
ISA	2.40	235	iPc	00	40.50	-0.9
EUR	2.43	1	iP	00	41.20	-0.7
SDW	2.58	199	eP	00	42.80	-1.1
SBB	2.77	212	iPc	00	45.30	-1.3
FRI	2.93	270	iPc	00	48.40	-0.4
TPC	2.94	180	IPd	00	47.80	-1.2
RVR	3.24	200	iPc	00	52.40	-0.8
MWC	3.26	211	iPc	00	53.00	-0.7
HAY	3.35	174	iPc	00	53.60	-1.3
PAS	3.38	212	iPc	00	54.60	-0.6
MSU	3.40	63	eP	00	54.80	-0.9
BMN	3.50	345	iPc	00	55.50	-1.5
JAS1	3.59	285	iPc	00	57.20	-0.9
PLM	3.75	191	iPc	00	59.80	-0.9
PRI	3.83	258	iPc	01	00.90	-0.8
LLA	3.95	265	ePc	01	02.00	-1.4
GLA	4.11	166	iPc	01	04.10	-1.5
CIS	4.12	209	iPc	01	04.40	-1.3
SAO	4.34	268	ePc	01	07.70	-1.1
PRS	4.34	262	iPc	01	07.80	-1.0
BAR	4.39	187	ePc	01	08.20	-1.4
IKP	4.39	181	ePd	01	07.90	-1.8
MHC	4.48	275	iPc	01	10.20	-0.7
			iPg	01	18.80	
			IS	02	24.80	
GCC	4.76	272	e(P)	01	13.00	-1.8
ORV	4.96	302	iPc	01	16.20	-1.5
BKS	4.99	281	iPc	01	17.00	-1.1
			iPg	01	37.00	
BRK	5.01	281	ePc	01	16.90	-1.4
ZSP	5.02	282	eP	01	17.50	-1.0
			e	01	26.70	
			e	01	32.70	
PCC	5.07	277	e(P)c	01	17.60	-1.6
ENX	5.18	186	iPc	01	20.40	-0.4
PBX	5.33	186	ePc	01	22.80	-0.1
MIN	5.45	309	iPc	01	23.70	-1.1
WDC	6.17	307	iPc	01	33.20	-1.6
BDW	7.58	39	ePc	01	54.00	-0.7

05d 15h

ALO	8.05	102	ePc	01	59.00	-2.3	FRB	38.94	31	ePc	07	28.10	-1.0	LDF	77.50	38	eP	11	57.70	-1.3
CCMT	8.21	16	eP	02	05.60	2.1		0.8s	105.00nm			5.5mb			1.3s	96.70nm			5.8mb	
LRM	9.17	16	eP	02	17.80	1.0	MBC	39.31	359	iPc	07	31.20	-0.8	NUR	77.58	19	iPc	11	57.80	-1.4
LCCM	9.32	18	eP	02	20.10	1.3		0.5s	62.00nm			5.5mb			0.7s	85.40nm			6.0mb	
COR	9.32	326	iPd	02	21.00	2.4	ADK	44.44	310	eP	08	12.00	-2.3	WIT	77.62	32	eP	11	59.50	0.0
BUT	9.32	15	eP	02	21.20	2.3	STJ	46.78	56	eP	08	32.00	-0.9	SLA	77.72	134	ePc	12	00.20	-0.5
SXM	9.78	20	eP	02	30.70	5.5		0.7s	140.00nm			6.2mb		WTS	78.28	32	iPc	12	02.70	-0.4
HRY	10.15	17	ePn	02	30.70	0.5	SJG	47.50	99	i(P)c	08	37.50	-1.5		1.2s	102.00nm			5.8mb	
CLX	11.17	3	iPd	02	45.20	0.9	ALE	48.93	8	iPc	08	46.50	-2.8	DOU	78.68	34	Pc	12	04.40	-1.0
LHD	11.20	2	iPd	02	45.90	1.3		1.2s	125.00nm			5.8mb			0.9s	77.50nm			5.8mb	
NEW	11.23	356	eP	02	45.00	0.0	TOV	49.72	111	eP	08	56.70	0.5	ENN	78.79	33	iPc	12	05.40	-0.6
			eLg	06	04.00		BOG	50.14	120	eP	09	00.50	0.6		1.5s	243.00nm			6.0mb	
LDM	11.41	2	iPd	02	48.00	0.6	PSO	50.47	126	eP	09	01.50	-0.9	MFF	78.84	39	iPc	12	05.10	-1.3
YKM	11.81	1	iPd	02	53.70	0.8	CUM	53.55	106	i(P)	09	22.50	-2.5		1.2s	71.40nm			5.6mb	
RXF	11.83	3	iPd	02	54.00	0.9	DAG	55.91	16	iPd	09	36.60	-4.9	MEM	78.94	33	Pc	12	05.90	-0.9
PNT	12.53	349	ePd	03	03.00	0.5		1.2s	68.75nm			5.6mb		BNS	79.19	33	eP	12	07.80	-0.4
	0.9s	138.00nm				6.2mb				i	11	41.00			1.2s	135.00nm			5.8mb	
			pP	06	45.00		TPT	59.70	216	iP	10	08.20	-0.6	STB	79.31	33	iPd	12	08.40	-0.5
PGC	12.79	337	eP	03	09.00	3.1		1.2s	70.00nm			5.7mb			1.5s	72.00nm			5.5mb	
	0.7s	80.00nm				6.1mb	RUV	59.77	216	iP	10	09.20	-0.1	MDJ	79.38	319	Pd	12	07.50	-1.9
LTX	12.90	123	eP	03	08.00	0.4		1.2s	140.00nm			6.0mb		WLF	79.69	34	Pc	12	10.60	-0.3
ACO	13.54	86	iPc	03	15.80	-0.2	PMO	59.85	216	eP	10	08.00	-1.8	TCF	80.23	38	iPc	12	12.50	-1.5
	0.7s	25.50nm				5.3mb		1.2s	90.00nm			5.8mb			1.0s	38.00nm			5.3mb	
			e	04	13.00		VAH	59.92	216	iP	10	10.00	-0.3	SSF	80.32	37	iPc	12	13.20	-1.2
			i	04	22.00			1.2s	120.00nm			5.9mb			1.3s	86.60nm			5.6mb	
QZO	13.73	94	iPc	03	13.20	-5.3	AKU	59.98	28	eP	10	07.40	-2.8	LOR	80.35	37	iPc	12	13.40	-1.1
	1.3s	102.00nm				5.6mb		1.4s	111.63nm			5.8mb		BGF	80.36	38	iPc	12	13.60	-1.0
			e	03	31.50					i	10	09.10			1.1s	78.10nm			5.6mb	
			e	03	44.00		HSP	62.34	11	eP	10	24.00	-2.1	LGR	80.38	43	eP	12	15.00	0.2
			e	04	05.60		PPN	62.76	216	iP	10	29.20	-0.3	LFF	80.43	40	iPc	12	14.10	-0.9
			e	04	13.80			1.2s	80.00nm			5.8mb			1.3s	101.00nm			5.6mb	
SES	13.81	14	ePc	03	19.00	-0.5	PPT	62.86	216	iP	10	29.80	-0.4	AVF	80.44	37	iPc	12	13.50	-1.5
	1.0s	115.00nm				5.7mb		1.0s	100.00nm			6.0mb			1.4s	82.70nm			5.5mb	
RRO	14.36	91	e(P)	03	28.00	1.2	TVO	62.89	216	iP	10	30.30	-0.1	MZF	80.47	38	iPc	12	13.90	-1.3
	1.0s	16.80nm				4.7mb		1.2s	100.00nm			5.9mb			1.3s	72.20nm			5.5mb	
			e	04	28.90		AFR	62.93	217	iP	10	30.10	-0.5	RJF	80.57	39	iPc	12	14.60	-1.1
OCO	15.06	90	e(P)	03	34.80	-1.1		1.2s	100.00nm			5.9mb			1.3s	60.60nm			5.4mb	
EDM	16.28	6	eP	03	50.50	-1.1	PAE	62.94	216	iP	10	30.40	-0.3	LBF	80.60	37	iPc	12	14.60	-1.3
TUL	16.33	88	iPc	03	52.30	-0.1		1.2s	125.00nm			6.0mb			1.3s	77.20nm			5.5mb	
	1.3s	430.20nm				5.4mb	TRO	68.65	15	eP	11	04.70	-2.0	SMF	80.78	37	iPc	12	15.30	-1.5
Z	19s	2.34um					ZOBO	69.64	131	Pd	11	12.20	-2.0		1.4s	108.90nm			5.7mb	
			e	03	56.70			1.0s	42.50nm			5.6mb		LPO	80.83	40	iPc	12	16.10	-1.0
			e	05	05.70		LPB	69.86	131	P	11	14.00	-1.3		1.3s	72.20nm			5.5mb	
VVO	16.48	90	e(P)	03	54.80	0.5		1.0s	90.00nm			5.9mb		HAU	80.98	35	iPc	12	17.00	-0.9
			e	03	57.20					eLR	19	56.00			1.2s	59.50nm			5.5mb	
			e	04	17.00		KEV	70.13	13	iPc	11	12.20	-3.6	CAF	81.11	39	iPc	12	17.50	-1.1
			i	04	18.10			0.7s	22.70nm			5.4mb			1.2s	77.30nm			5.6mb	
RLO	16.90	87	iPc	03	59.00	-0.6	CNCB	70.14	131	iP	11	16.00	-1.3	TOL	81.22	46	eP	12	18.00	-1.3
BHO	17.40	92	iPc	04	05.50	-0.4	EAB	70.61	33	iPc	11	16.40	-2.5		1.2s	4.00nm			4.3mb	X
			e	05	22.00			0.8s	38.00nm			5.6mb				e	12	33.00		
			e	05	24.60		ELO	70.71	33	iPc	11	17.30	-2.3	MOX	81.29	31	eP	12	19.00	-0.4
FFC	20.14	24	iPc	04	35.90	-2.5		0.8s	71.00nm			5.8mb			1.5s	62.00nm			5.4mb	
	1.0s	432.00nm				5.7mb	EBH	70.94	33	iPc	11	18.50	-2.4			e	15	20.00		
RSON	21.08	42	eP	04	45.50	-2.7		0.8s	48.00nm			5.7mb		BSF	81.31	35	iPc	12	18.80	-0.9
	0.8s	295.77nm				5.7mb	EDU	70.96	33	iPc	11	17.30	-3.8		1.2s	133.20nm			5.9mb	
PIM	22.47	143	iP	05	03.00	0.6		0.8s	71.00nm			5.8mb		CLL	81.33	30	iP	12	18.10	-1.5
LHC	22.59	51	eP	05	02.50	-0.9	EAU	71.21	33	eP	11	20.10	-2.5		1.3s	52.00nm			5.4mb	
	0.9s	205.00nm				5.6mb	EDI	71.28	33	ePc	11	20.50	-2.5	EPF	81.53	42	iPc	12	19.80	-1.1
OXM	22.76	137	iP	05	05.50	-0.1		0.8s	50.00nm			5.7mb			1.3s	43.30nm			5.4mb	
TPM	23.36	136	iP	05	12.80	1.5	EBL	71.44	33	iPc	11	21.80	-2.2	HOF	81.65	31	iPd	12	20.70	-0.6
RSCP	24.54	84	eP	05	21.70	-0.8		0.8s	39.00nm			5.6mb		GRF	81.86	31	iPc	12	22.20	-0.2
RSNT	25.47	2	eP	05	29.30	-1.8	ATB	71.45	109	e(P)	11	21.50	-3.1		1.4s	79.00nm			5.6mb	
	0.8s	77.46nm				5.5mb	ESY	71.53	33	iPc	11	16.40	-8.1	CN2	82.11	320	eP	12	21.00	-2.8
YKC	25.47	2	ePc	05	29.00	-2.1		0.8s	38.00nm			5.6mb		WET	82.97	31	iPd	12	27.60	-0.6
	0.9s	107.00nm				5.6mb	ASK	71.59	27	eP	11	36.00	11.2		1.4s	43.00nm			5.5mb	
YKA	25.48	2	eP	05	29.70	-1.5	EKA	71.66	34	P	11	23.00	-2.3	KSP	82.97	28	iPd	12	27.20	-1.0
VHO	26.08	134	iP	05	38.00	0.6		1.0s	19.70nm			5.2mb			1.0s	31.00nm			5.5mb	
ELF	27.12	66	P	05	44.60	-2.0	SOD	72.12	14	iP	11	25.20	-2.6			e	13	16.00		
LDN	27.22	66	P	05	45.10	-2.3	NB2	73.24	24	P	11	30.40	-4.2	PRU	82.98	30	Pc	12	27.10	-1.1
PBJ	27.48	133	iPc	05	51.00	1.0		0.9s	45.80nm			5.6mb			1.5s	58.00nm			5.6mb	
BLA	28.30	79	eP	05	56.00	-1.4	HFS	74.73	24	iPc	11	41.00	-2.2	LPG	83.01	37	iPc	12	28.90	0.1
YAH	28.49	333	eP	05	59.00	-0.1		0.8s	81.10nm			5.8mb			1.3s	75.80nm			5.8mb	
COM	29.62	128	iP	06	10.20	0.7	TPZ	75.08	132	iP	11	47.00	0.8	FUR	83.05	32	iPd	12	28.70	0.0
OTT	31.19	62	eP	06	22.00	-0.9	KJF	75.10	16	iPc	11	43.00	-2.2		1.3s	100.00nm			5.9mb	
PME	32.04	331	eP	06	30.00	-0.3		0.8s	70.40nm			5.8mb		EBR	83.14	43	eP	12	28.00	-1.2
	1.0s	100.00nm				5.7mb	MUD	75.94	28	iPd	11	49.40	-0.7	KHC	83.27	31	iPc	12	29.00	-0.8
PMR	32.06	331	P	06	30.00	-0.4		1.2s	140.00nm			6.0mb			1.2s	45.00nm			5.6mb	
	0.9s	95.83nm				5.7mb	SUF	76.04	17	iPc	11	48.40	-2.2	AVE	83.47	53	iP	12	30.00	-1.0
MNT	32.66	62	eP	06	34.00	-1.8		0.9s	44.90nm			5.6mb		SOB1	83.86	106	iPc	12	32.90	-0.3
INK	32.79	348	eP	06	34.00	-2.7	UPP	76.16	22	iPc	11	48.30	-3.0			e	12	40.10		
COL	33.61	336	eP	06	43.00	-0.9		1.3s	300.00nm			6.3mb				e	12	51.30		
FBA	33.61	336	eP	06	42.80	-1.1	FLN	77.21	38	eP	11	56.10	-1.3			e	13	07.50		
	1.0s	106.30nm				5.7mb		1.3s	122.70nm			5.9mb		CDR	83.87	38	iPc	12	31.70	-1.2
TTA	35.51	330	eP	06	59.70	-0.6	GRR	77.27	38	eP	11	56.80	-0.9	BHG	84.08	32	iPd	12	33.50	-0.4
IMA	36.27	335	eP	07	06.40	-0.4		1.3s	108.30nm			5.8mb			1.3s	67.00nm			5.7mb	
SCH	37.68	46	ePc	07	16.00	-2.6	LPF	77.42	39	eP	11	57.30	-1.2	LRG	84.32	38	iPc	12	34.40	-0.7
	1.0s	127.00nm				5.6mb		1.2s	83.30nm			5.7mb		SHK	84.33	309	eP	12	33.70	-1.6

FRF	84.38	38	iPc	12	34.60	-0.9
	1.4s	148.10nm			6.0mb	
LMR	84.48	38	iPc	12	35.10	-0.9
	1.0s	52.00nm			5.7mb	
IFR	84.77	52	iP	12	37.00	-0.8
KBA	84.78	32	ePc	12	35.50	-2.1
	1.3s	30.00nm			5.4mb	
			i	12	36.80	
			e(PP)	15	47.00	
KRA	84.96	27	iPd	12	37.50	-0.7
	1.3s	154.00nm			6.1mb	
			e	12	41.20	
			e	12	46.80	
CAI	85.11	102	eP	12	37.70	-1.8
ZST	85.42	29	iPc	12	40.20	-0.4
ITR	85.48	104	iPc	12	40.60	-0.7
			e	12	48.40	
SOP	85.62	30	iPc	12	40.20	-1.4
	1.3s	85.20nm			5.8mb	
SPC	85.79	27	eP	12	42.60	-0.1
VOY	85.84	32	eP	12	41.00	-1.8
SRO	86.21	29	iP	12	44.20	-0.3
HHC	91.05	326	Pc	13	07.00	-0.8
OHR	92.75	31	eP	13	09.70	-5.9
TIY	93.16	324	eP	13	15.40	-2.1
VAY	93.30	30	eP	13	16.80	-1.2
ANTO	98.27	24	e(P)	13	40.10	-0.7
	0.7s	5.08nm			5.4mb	
KKN	112.46	340	ePdiff	14	36.50	-7.9
KKN	112.46	340	ePKP	18	37.80	-2.5
	0.5s	3.00nm				
WRA	117.13	265	PKPc	18	47.00	-2.2
	0.8s	3.70nm				
BNG	120.92	56	iPKPd	18	54.90	-1.7
	0.9s	16.00nm				
			id	19	04.80	
			ic	20	17.00	
SPA	126.87	180	iPKPd	19	04.80	-1.8
	0.9s	13.64nm				
			e	31	38.30	
GBA	128.04	343	PKPd	19	08.00	-2.1
	1.3s	14.60nm				
KRI	143.64	66	iPKPc	19	35.40	-3.8
SUR	144.46	96	iPKPc	19	37.20	-3.1
	0.9s	105.88nm				
BUL	144.94	71	iPKPc	19	38.40	-3.0
	0.9s	46.22nm				
MTD	145.03	63	iPKPc	19	39.20	-2.3
SYO	145.30	165	iPKP	19	38.80	-1.5
BFS	147.06	83	ePKP	19	44.50	-0.2
	0.5s	84.51nm				
SLR	147.70	80	ePKP	19	47.00	1.2
	1.1s	155.70nm				
BPI	147.71	81	ePKP	19	48.00	2.2
	1.0s	70.00nm				
EVA	148.70	80	ePKP	19	50.50	3.1
	0.7s	17.81nm				
JOZ	151.50	80	ePKP	19	56.50	5.1
	1.1s	63.29nm				
	222 obs. ossociated					

& DEC 05, 1985 15h 18m 31.43s
59.349 N 145.529 W
DEPTH = 25.3km
GULF OF ALASKA (15)
<AGS-P>. ML 3.4 (PMR).

MID	0.42	281	eP	18	37.60	-2.7
KAIM	0.81	44	iP	18	45.54	-1.2
HIN	1.16	335	iP	18	51.98	-0.1
SGAM	1.17	8	iP	18	51.95	-0.2
			iS	19	10.28	
HMT	1.18	32	iP	18	51.55	-0.8
			iS	19	09.38	
MTU	1.25	302	eP	18	52.47	-0.9
FID	1.48	342	iP	18	56.61	-0.1
			iS	19	17.55	
KNIM	1.50	313	eP	18	55.96	-1.0
LOU	1.55	317	iP	18	56.75	-0.9
SNH	1.60	57	eP	18	56.37	-2.0
GLI	1.72	334	eP	18	59.82	-0.4
WAX	1.74	50	iP	18	58.57	-2.0
			iS	19	20.33	
VZW	1.79	344	eP	19	00.80	-0.4
			iS	19	24.35	
VLZ	1.83	348	eP	19	01.30	-0.4
WRG	1.90	67	eP	19	00.83	-2.0
PWL	2.07	318	eP	19	03.98	-1.2
SEW	2.13	293	eP	19	04.09	-1.9
CFI	2.15	330	iP	19	05.87	-0.6
KLU	2.16	355	iP	19	06.11	-0.4
YAH	2.16	60	iP	19	03.77	-3.0
MPA	2.24	302	eP	19	05.78	-1.8
GLB	2.27	21	iP	19	07.10	-0.9
PTE	2.32	312	eP	19	07.24	-1.4
BALM	2.32	42	iP	19	07.03	-1.8
KNK	2.53	326	eP	19	11.59	-0.2
SLKM	2.63	298	eP	19	11.62	-1.6
SCM	2.65	341	eP	19	13.32	-0.1
CTGM	2.65	51	eP	19	11.15	-2.4
PMS	2.76	315	eP	19	13.60	-1.5
TOA	2.78	354	eP	19	15.65	0.3
SML	2.83	332	eP	19	15.64	-0.3
PMR	2.87	323	eP	19	15.50	-1.0
GHO	2.95	327	eP	19	17.54	-0.2
SUA	3.35	312	eP	19	21.93	-1.4
RDT	3.67	293	eP	19	25.88	-2.1
SPU	3.73	302	eP	19	26.85	-2.0
SVW	5.33	294	eP	19	49.00	-2.5
DWY	5.54	29	P	19	52.50	-1.8
			Lg	21	22.50	
COL	5.67	350	eP	19	55.00	-1.2
INK	10.41	25	eP	21	06.00	3.9
YKA	15.28	65	eP	22	10.30	3.5
	41 obs. ossocioted					

* DEC 05, 1985 15h 42m 14.48± 1.97s
17.760 N ±13.2km 101.953 W ±15.0km
DEPTH = 49.6 ± 13.1 km
3.7mb (7 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)
Felt (III) ot Mexico City.

PIM	0.52	8	iP	42	25.50	-0.5
			iS	42	47.00	
OXM	2.64	54	iP	42	54.00	-1.8
TPM	3.00	66	iP	42	59.90	-1.1
UNM	3.06	59	eP	43	02.50	0.7
TAC	3.09	58	eP	43	04.00	1.8
PIO	3.90	110	iP	43	12.50	-1.0
			i	44	06.00	
VHO	5.01	95	eP	43	30.20	0.9
PBJ	6.40	101	iP	43	48.50	-0.1
COM	9.52	98	iP	44	32.00	0.0
LTX	11.63	353	eP	45	01.60	1.0
JCT	12.81	8	eP	45	18.50	2.2
	1.0s	30.00nm			5.2mb X	
QZO	17.24	7	eP	46	11.70	-1.7
	0.4s	0.70nm			3.1mb	
ALO	17.58	348	e(P)	46	20.00	2.2X
BHO	17.72	20	eP	46	18.70	-0.6
	0.6s	0.80nm			3.0mb	
TUL	18.89	16	eP	46	29.50	-4.1X
	1.2s	8.00nm			3.8mb	
ACO	19.03	7	e(P)	46	41.40	6.1X
	0.5s	2.70nm			3.7mb	
RLO	19.33	17	eP	46	36.00	-2.7X
BDW	25.76	347	eP	47	42.90	0.3
	1.0s	1.80nm			3.6mb	
YKA	45.56	352	eP	50	30.50	-0.4
INK	54.32	346	eP	51	37.00	-0.8
MBC	59.20	355	eP	52	12.00	-0.4
SOB1	65.98	109	eP	52	59.00	0.7
ITR	68.04	107	eP	53	04.20	-7.2X
DAG	71.27	14	iPd	53	38.80	8.6X
	0.5s	1.41nm			4.2mb	
NB2	85.28	27	P	54	46.00	-1.1
	0.8s	2.10nm			4.3mb	
WB2	126.88	258	ePKP	01	17.80	2.5X
			e	01	28.20	
WRA	126.89	258	PKPd	01	17.80	2.5X
	0.6s	2.30nm				
HYB	145.04	359	ePKP	01	48.90	0.1
			e	02	10.00	
GBA	148.83	1	PKP	01	56.00	1.0
	S.D. = 1.2 on 21 of 29 obs.					

* DEC 05, 1985 15h 48m 42.78± 2.83s
51.115 N ±20.3km 5.616 E ±10.7km
DEPTH = 10.0km (geophysicist)
NETHERLANDS (540)

ENN	0.40	151	iPgc	48	51.20	0.3
	0.4s	22.00nm				
			iSg	48	56.20	
JCK	0.52	98	iP	48	53.30	0 &
			iS	48	59.40	
MEM	0.56	154	iPgc	48	53.90	-0.3
			Lg	49	00.80	
GSH	0.61	128	iPd	48	55.10	0.0
			iS	49	02.70	
DOU	1.21	213	Pgc	49	05.30	0.0
			iLg	49	20.80	
	S.D. = 0.3 on 5 of 5 obs.					

* DEC 05, 1985 16h 40m 31.75± 2.03s
33.161 S ±11.5km 72.410 W ±18.6km
DEPTH = 21.5 ± 8.8 km
4.1mb (1 obs.)
OFF COAST OF CENTRAL CHILE (134)

LNV	1.15	134	iPd	40	52.80	0.2
			iS	41	07.00	
ROCH	1.19	81	iPd	40	51.00	-2.4
TACH	1.33	112	iP	40	54.60	-0.5
			iS	41	09.50	
PEL	1.45	90	iPd	40	56.00	-0.8
SAN	1.49	102	iPc	40	56.90	-0.6
			iS	41	14.90	
BACH	1.62	97	iPc	40	59.40	0.0
PCH	1.65	107	iPd	40	59.50	-0.3
			iS	41	20.30	
CHCH	1.66	118	iP	40	59.80	-0.1
FCH	1.78	96	iPc	41	01.30	-0.7
			iS	41	24.00	
RTCB	3.48	62	iPc	41	27.80	1.8
			S	42	13.20	
ZON	3.54	64	eP	41	29.00	2.1
RFA	3.65	117	ePd	41	28.80	0.4
			S	42	22.30	
CFA	3.85	67	ePd	41	33.60	2.4
VCA	5.70	40	e(P)	41	56.40	-1.0
			S	43	11.00	
SLA	10.35	38	eP	43	09.00	6.7X
ZOBO	17.26	14	P	44	32.20	-1.5
Z	19s	0.03um				
			LR	51	08.00	
SPA	57.02	180	iPc	50	19.10	0.9
	1.0s	2.00nm			4.1mb	
	S.D. = 1.5 on 16 of 17 obs.					

DEC 05, 1985 18h 27m 38.33± 0.66s
20.631 S ± 6.6km 178.335 W ± 5.2km
DEPTH = 564.6 ± 7.5 km
5.0mb (18 obs.)
FIJI ISLANDS REGION (181)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 18C
Centroid Location:
Origin Time 18:27:43.2 1.4
Lat 20.62S 0.18 Lon 178.46W 0.14
Dep 561.5 7.5 Half-duration 1.3
Moment Tensor; Scale 10**23 D-CM
Mrr=-4.87 0.58 Mtt= 1.93 1.08
Mff= 2.94 0.99 Mrt=-0.13 1.03
Mrf=-2.80 1.33 Mtf=-1.15 0.98
Principal Axes:

T	Val= 4.31	Plg=15	Azm= 65
N	1.48	10	158
P	-5.80	71	281

Best Double Couple:Mo=5.1*10**23
NP1:Strike=140 Dip=31 Slip=-110
NP2: 344 61 -78

NDF	4.90	305	iPc	29	08.10	-0.7
DZM	14.25	261	iPc	30	40.00	0.1
NOU	14.26	261	iPc	30	39.00	-0.8
CRZ	15.88	208	P	30	57.20	1.7
GNZ	18.23	189	P	31	17.80	-0.4
			S	34	13.00	
MNG	20.61	193	P	31	36.50	-3.9X
			S	34	52.00	
			ScP	38	11.20	
CAN	32.18	236	eP	33	22.70	0.8
YOU	32.35	238	eP	33	24.20	0.9
WAM	32.55	234	eP	33	27.00	2.1
CTA	33.16	265	iPd	33	30.80	0.6
	0.5s	35.92nm			5.3mb	
			iPcP	35	37.00	
			iS	38	11.00	

05d 18h

CTAO	33.16	265	iPd	33	30.90	0.7	HHC	89.22	314	Pc	39	36.80	1.3				i	46	34.70				
	0.5s		60.78nm			5.5mb	BDW	89.27	43	iP	39	35.10	-0.7	UCC	149.82	357	PKP+	46	27.00	6.7X
CMS	33.82	244	eP	33	35.00	-0.7		1.1s		26.59nm			5.1mb	MEM	149.89	354	PKPc	46	20.40	0.0
PMG	35.07	283	eP	33	45.00	-1.1				pP	41	27.10	499kmX				e	46	25.90	
TOO	35.57	234	eP	33	50.00	-0.1	BDT	89.36	289	eP	39	37.20	0.8				e	46	33.40	
ASPA	44.19	257	iPd	34	59.00	-0.4		0.8s		7.50nm			4.7mb	KHC	150.01	344	PKPd	46	20.50	-0.2
			ePcP	36	32.00		CHTO	89.99	290	iPd	39	41.20	1.9		1.0s		57.00nm			
			e	40	52.00			0.7s		32.72nm			5.4mb				i	46	26.80	
WB2	44.26	262	iPd	34	59.30	-0.7	GOL	90.64	48	eP	39	42.30	0.1				i	46	35.50	
			iPcP	36	32.10			1.0s		4.00nm			4.4mb				e	46	43.10	
			eS	40	53.00		GLD	90.76	48	eP	39	43.00	0.3	GRF	150.02	348	ePKP	46	21.00	0.3
KNA	50.32	266	iPd	35	45.80	0.1	INK	94.48	15	eP	39	57.00	-1.8				id	46	26.80	
	0.4s		25.00nm			5.1mb	YKA	96.76	25	eP	40	09.70	0.5				e	46	35.00	
WBN	50.55	253	iPd	35	46.90	-0.5	GTA	96.81	309	P	40	10.80	0.6	SNF	150.11	357	PKP	46	26.80	6.1X
	0.5s		56.00nm			5.3mb	QUE	120.95	293	ePKP	45	29.00	0.1	DOU	150.51	356	PKP	46	22.30	0.9
AAI	54.64	260	ePc	36	15.40	-1.3	DAG	122.89	5	iPKPd	45	29.10	-1.9				i	46	27.70	
MBL	57.42	258	iPd	36	35.00	-0.9		0.4s		5.93nm							e	46	36.00	
	0.5s		51.00nm			5.1mb	ITR	130.95	123	ePKP	45	46.00	-2.3X	ELL	150.62	309	iPKP	46	28.20	6.0X
MEK	57.64	251	eP	36	36.00	-1.4				e	48	20.70		WLF	150.81	354	PKP	46	29.20	7.4X
KLB	57.71	245	iPd	36	36.80	-0.9	BUL	131.65	215	iPKPc	45	48.90	-0.7				i	46	38.20	
NWAO	58.03	243	eP	36	39.30	-0.6		0.8s		5.22nm				YER	151.61	311	iPKPd	46	30.30	6.8X
RKG	58.12	242	eP	36	40.00	-0.5				i	48	25.30		FLN	151.88	3	ePKP	46	30.00	6.6X
BAL	58.72	246	iPd	36	43.40	-1.2	MTD	132.62	220	iPKPc	45	51.30	-0.2	CDF	151.92	352	ePKP	46	30.20	6.6X
MUN	58.99	244	iPc	36	46.00	-0.3	KRI	133.76	218	ePKP	45	54.00	0.3	KBA	151.96	343	(PKP)	46	23.00	-0.9
MRWA	59.51	248	iPd	36	49.00	-0.8				i$KP	48	33.00			0.8s		19.00nm			
	0.4s		13.00nm			4.6mb	IR2	134.54	300	(PKP)	45	54.00	-0.7				i	46	29.90	
NAU	61.09	255	eP	37	00.00	-0.3	LSZ	135.82	218	iPKP	45	47.50	-10.1X				i	46	33.00	
SPA	69.50	180	iPc	37	52.00	-0.1				i	45	59.30					i	46	43.80	
	0.6s		15.63nm			4.7mb				i	48	39.90		LDF	152.06	3	ePKP	46	30.40	6.7X
ADK	72.21	1	eP	38	06.10	-1.6				i	48	46.80		GRR	152.23	4	ePKP	46	31.00	7.1X
SYP	77.99	46	eP	38	41.00	0.8	IKZ	136.81	228	ePKP	45	52.00	-7.6X	HAU	152.43	353	ePKP	46	31.20	6.9X
PRS	78.13	44	ePd	38	41.40	0.6		1.0s		2.00nm				LJU	152.54	340	ePKP	46	24.50	0.0
GCC	78.14	43	eP	38	41.00	0.2	MZZ	138.61	223	iPKP	45	52.80	-10.1X				i	46	31.90	
PCC	78.19	42	eP	38	41.20	0.2		1.0s		3.00nm				BSF	152.55	352	ePKP	46	31.80	7.2X
SAO	78.34	43	eP	38	42.00	0.1	KMZ	138.63	217	ePKP	45	55.00	-7.9X	LPF	152.58	4	ePKP	46	31.70	7.3X
PRI	78.46	44	ePd	38	43.30	0.6		1.0s		2.00nm				VOY	152.75	341	ePKP	46	24.00	-0.9
BRK	78.49	42	eP	38	42.90	0.3	NAI	139.29	242	iPKPc	46	09.00	4.8X				i	46	32.00	
BKS	78.51	42	eP	38	43.40	0.7		1.0s		25.00nm							e	46	45.30	
	1.0s		113.00nm			5.3mb	EDU	143.97	4	ePKPc	46	08.80	-2.0X	VAY	152.81	324	iPKP	46	32.20	7.2X
MHC	78.56	43	ePd	38	43.80	0.6	ELO	143.99	5	ePKP	46	08.90	-2.0X				i	46	47.30	
LLA	78.57	44	eP	38	43.60	0.5	COP	144.08	350	iPKPd	46	09.90	-1.1	SKO	152.96	326	ePKP	46	32.50	7.3X
MWC	79.12	47	eP	38	46.00	-0.2		0.8s		95.52nm				TRI	153.08	341	ePKP	46	32.70	7.5X
BAR	79.24	49	eP	38	46.00	-0.7	EAB	144.21	6	ePKPc	46	09.80	-1.4	LOR	153.37	357	ePKP	46	32.80	7.2X
RVR	79.47	48	eP	38	48.00	0.2	EBH	144.23	5	ePKPc	46	09.90	-1.4	GRC	153.38	358	iPKPc	46	26.20	0.7
PLM	79.47	48	eP	38	48.00	-0.1	ESY	144.62	4	ePKPc	46	10.90	-1.0				i	46	34.30	
SBB	79.54	47	eP	38	48.00	-0.3	EAU	144.63	5	ePKP	46	11.10	-0.9	SSF	153.59	357	ePKP	46	34.40	8.5X
FRI	79.60	44	ePd	38	48.50	0.1	EBL	144.73	5	ePKPc	46	11.40	-0.7	L8F	153.64	356	ePKP	46	34.00	8.0X
JAS1	79.69	43	iPd	38	49.20	0.3	LWI	145.02	233	iPKPd	46	15.50	1.3	OHR	153.91	326	ePKP	46	35.00	8.4X
NJ2	79.72	310	iPc	38	50.30	1.2	EKA	145.16	5	PKPc	46	13.10	0.3				e	46	51.40	
KGM	79.81	276	ePd	38	51.50	1.5		1.1s		34.00nm				BNG	157.01	228	iPKPd	46	30.70	-0.7
WDC	79.98	40	ePd	38	50.70	0.4	BHL	147.18	301	PKPd	46	20.00	3.1X		0.8s		35.00nm			
ORV	79.98	41	iPd	38	50.60	0.2	ANTO	147.22	313	ePKP	46	16.50	-0.3				id	47	05.90	
CLC	80.33	46	eP	38	53.00	0.7	KRA	147.25	338	iPKPd	46	19.20	2.8X	BCAO	157.01	228	ePKP	46	30.70	-0.7
CWC	80.35	45	eP	38	53.00	0.4				e	46	23.00			1.3s		11.85nm			
MIN	80.39	40	eP	38	52.60	-0.1	VRI	147.50	327	ePKPd	46	20.00	3.0X				pP	49	07.60	
MDJ	80.44	325	Pd	38	53.00	0.4	KSP	147.72	343	ePKP	46	17.00	-0.1	KIC	164.51	155	ePKP	46	38.80	-0.3
TPC	80.45	48	eP	38	53.00	0.0		0.9s		82.00nm							e	47	38.40	
GSC	80.58	47	eP	38	54.00	0.3				id	46	21.00			S.D. = 0.8		on 120 of 159 obs.			
GLA	80.75	50	eP	38	56.00	1.5				e	48	27.50								
MNA	81.43	44	ePd	38	58.50	0.5	ADI	147.73	300	iPKP	46	21.80	4.0X	• DEC 05, 1985 19h 41m 34.72± 0.93s						
CN2	82.21	323	Pd	39	01.40	-0.2	CVO	147.82	327	ePKP	46	21.00	3.5X	21.411 S ± 8.0km 66.744 W ±10.9km						
IPM	82.87	278	ePd	39	06.90	1.3	JER	148.05	297	iPKPd	46	21.00	2.6X	DEPTH = 241.1 ± 17.6 km						
	0.7s		56.10nm			5.2mb	CLL	148.12	346	iPKP	46	17.20	-0.5	SOUTHERN BOLIVIA (125)						
BMN	83.16	42	eP	39	04.90	-1.7		1.3s		13.00nm										
EUR	83.43	44	iP	39	08.00	-0.1	MLR	148.16	327	iPKPd	46	22.00	3.8X	TPZ	0.96	93	iP	42	09.30	0.0
	0.3s		9.23nm			4.8mb	WTS	148.44	354	ePKP	46	18.00	-0.2				iS	42	35.00	
TTA	85.13	10	eP	39	15.80	0.1		0.8s		91.00nm				SLA	3.50	161	ePc	42	32.80	0.0
PME	85.27	14	eP	39	15.50	-0.8				iPKKP	46	22.90		ANT	4.09	235	iPc	42	39.70	0.0
	1.0s		25.00nm			4.8mb				e	46	27.50					iS	43	27.50	
BJI	85.76	316	eP	39	20.00	0.9	PRNI	148.49	295	iPKP	46	24.40	5.4X	CNCB	4.72	345	iP	42	48.30	0.3
YAH	85.99	17	eP	39	20.00	-0.1	CSS	148.71	304	ePKP	46	23.80	4.6X				S	43	54.00	
GYA	86.44	300	P	39	24.20	1.3	PRU	148.97	344	ePKP	46	19.00	-0.1	LPB	5.02	345	iPd	42	51.90	0.4
PNT	86.94	34	ePd	39	25.00	0.4		1.0s		49.10nm					0.9s		134.45nm			4.9mb X
	0.9s		29.00nm			5.0mb				i	46	24.00		ZOBO	5.28	345	iPd	42	54.10	-0.8
NNT	86.99	285	eP	39	27.10	1.6				e	46	30.60			1.0s		52.50nm			4.5mb X
LOE	87.01	290	eP	39	26.00	0.5	MOX	149.03	348	ePKP	46	19.00	-0.2	ITB1	11.82	108	e(P)	44	17.40	0.0
LTX	87.39	57	eP	39	28.00	0.7				i	46	24.50			S.D. = 0.5		on 7 of 7 obs.			
NEW	87.66	36	eP	39	27.50	-0.5				e	46	31.00								
	1.1s		2.70nm			4.0mb X	BNS	149.42	353	iPKPd	46	25.10	5.4X	? DEC 05, 1985 20h 28m 58.73± 3.66s						
ALO	87.73	51	eP	39	29.00	0.1		1.1s		100.00nm				33.455 S ±10.7km 72.418 W ±28.7km						
	1.0s		11.25nm			4.6mb	SRO	149.72	337	iPKP	46	25.80	5.5X	DEPTH = 10.0km (geophysicist)						
XAN	87.96	307	iPd	39	30.80	1.0	ENN	149.74	355	ePKPc	46	20.50	0.3	OFF COAST OF CENTRAL CHILE (134)						
COL	88.44	13	iPd	39	30.20	-1.0		0.9s		58.00nm										
	0.8s		56.72nm			5.5mb				iPKKP	46	25.90		LNV	0.98	121	iPc	29	17.10	-0.2
FBA	88.44	13	eP	39	30.20	-1.0				e	46	33.00					iS	29	29.50	
LRM	89.01	40	eP	39	34.00	-0.6	ZS*	149.81	339	ePKP	46	21.60	1.2	TACH	1.25	100	iP	29	21.50	-0.5
KMI	89.13	297	Pd	39	37.00	1.5				i	46	25.30					iS	29	38.00	

ROCH	1.27	68	iPd	29 22.50	0.0	
			iS	29 39.60		
SAN	1.47	90	iPd	29 25.50	0.2	
			iS	29 43.50		
PEL	1.48	78	iPc	29 26.00	0.5	
			iS	29 45.00		
PCH	1.60	96	iPd	29 27.00	-0.2	
			iS	29 47.70		
FCH	1.78	87	iPc	29 30.50	0.4	
			iS	29 53.70		
RFA	3.53	113	e(P)	29 55.00	0.2	
RTCB	3.63	58	iPc	30 01.70	5.4X	
ZON	3.69	60	eP	30 05.00	7.9X	
VCA	5.93	39	ePc	30 28.50	-0.3	
			S	31 58.50		

S.D. = 0.4 on 9 of 11 obs.

? DEC 05, 1985 20h 34m 26.87± 5.53s
33.480 S ±17.6km 72.411 W ±44.3km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)

LNV	0.96	120	iPc	34 45.00	-0.1	
			iS	34 57.10		
TACH	1.24	98	iPc	34 49.50	-0.5	
			iS	35 05.90		
SAN	1.46	89	iPd	34 53.10	-0.2	
			iS	35 11.50		
PEL	1.48	77	iPc	34 53.70	0.1	
			iS	35 13.00		
CHCH	1.53	108	iPc	34 54.40	0.0	
BACH	1.61	86	iPc	34 56.30	0.8	
ZON	3.70	60	eP	35 30.00	4.7X	
VCA	5.94	38	ePc	35 57.00	-0.2	
			S	37 26.50		

S.D. = 0.5 on 7 of 8 obs.

DEC 05, 1985 20h 34m 43.02± 0.77s
44.634 N ± 5.7km 111.080 W ±10.3km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 3.0 (NEIS).

IMW	0.74	172	iPc	34 57.60	-0.3	
CCMT	1.31	283	eP	35 08.50	0.7	
TMI	1.46	205	eP	35 10.00	-0.3	
SXM	1.52	357	ePn	35 11.20	0.1	
LRM	1.53	321	ePnd	35 12.00	0.7	
HPI	1.72	238	eP	35 14.50	0.4	
BUT	1.73	323	ePg	35 14.90	0.8	
			eSn	35 37.50		
HRY	2.14	346	ePn	35 20.10	0.1	
BDW	2.16	149	eP	35 20.70	0.4	
NEW	5.53	313	eP	36 05.50	-2.6	
EUR	6.30	217	iP	36 33.00	13.9X	
	0.5s		2.39nm			

S.D. = 1.1 on 10 of 11 obs.

% DEC 05, 1985 20h 37m 18.12± 0.85s
24.348 N ± 9.7km 121.594 E ±19.4km
DEPTH = 33.0km (normal)
TAIWAN (244)

TWD	0.27	180	iPc	37 26.20	0.8	
TWC	0.35	42	iP	37 26.60	0.1	
			eS	37 34.90		
TWZ	0.75	359	iPd	37 32.00	-0.2	
			eS	37 44.30		
TWF1	1.03	195	iPc	37 35.00	-1.3	
TWK	1.48	223	iPc	37 43.30	0.6	

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

? DEC 05, 1985 20h 45m 56.60± 6.92s
33.580 S ±18.4km 72.881 W ±54.4km
DEPTH = 30.0 ± 5.8 km
OFF COAST OF CENTRAL CHILE (134)

LNV	1.28	107	iPc	46 18.60	0.1	
			iS	46 31.10		
TACH	1.62	93	iP	46 23.10	-0.4	
			iS	46 39.70		
ROCH	1.68	69	iPd	46 24.00	-0.5	
			iS	46 41.00		
SAN	1.86	87	iPd	46 26.90	-0.1	
			iS	46 44.90		
PEL	1.89	77	iPd	46 27.50	0.1	
			iS	46 46.50		
CHCH	1.89	101	iPc	46 27.50	0.1	
PCH	1.98	92	iPd	46 28.50	-0.2	
			iS	46 50.10		
BACH	2.01	84	iPc	46 29.50	0.3	
FCH	2.18	84	eP	46 32.20	0.4	
			iS	46 55.50		
RTCB	4.03	60	ePd	47 04.50	6.6X	
ZON	4.09	61	eP	46 59.00	0.3	
VCA	6.27	41	ePc	47 29.60	-0.1	
			S	48 59.00		

S.D. = 0.4 on 11 of 12 obs.

* DEC 05, 1985 21h 26m 11.68± 0.91s
36.159 N ±11.3km 140.079 E ±17.1km
DEPTH = 88.8 ± 7.5 km
4.1mb (1 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (II JMA) at Utsunomiyo.

TSK	0.06	26	eP	26 23.80	-0.5	
UTS	0.42	336	Pc	26 26.20	0.3	
			iS	26 35.30		
TOK	0.54	209	P	26 27.30	0.5	
			S	26 37.50		
KMG	0.56	269	P	26 27.20	0.2	
			iS	26 37.60		
DDR	0.74	258	iPd	26 28.30	-0.5	
SRY	0.85	230	eP	26 30.00	0.1	
KYS	0.96	177	eP	26 31.20	0.1	
OYM	1.00	223	eP	26 31.40	-0.3	
SUF	68.28	333	iP	37 06.20	1.6	
NB2	74.57	337	P	37 40.70	-1.6	
	0.8s		2.10nm		4.1mb	

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

DEC 05, 1985 21h 30m 47.27± 0.42s
13.943 S ± 8.0km 166.399 E ± 9.8km
DEPTH = 33.0km (normal)
5.0mb (7 obs.)
VANUATU ISLANDS (186)

HNR	7.75	305	eP	32 40.00	-0.6	
SVO	8.02	306	eP	32 42.00	-2.4	
VSG	8.04	305	eP	32 44.00	-0.7	
DZM	8.08	180	iPc	32 44.50	-0.9	
			iS	34 17.00		
NOU	8.32	180	iPc	32 49.00	0.4	
			iS	34 19.00		
PMG	19.37	281	e(P)	35 13.00	-0.4	
CTA	20.20	250	iPc	35 23.30	1.1	
	0.9s		11.34nm		4.2mb	
			i	35 34.00		
CTAO	20.20	250	eP	35 23.10	0.9	
	0.8s		9.03nm		4.2mb	
			e	35 33.90		
MNG	27.74	165	eP	36 33.00	-1.8	
BJI	71.13	321	eP	42 05.10	0.6	
SPA	76.15	180	ePc	42 33.80	0.2	
	1.0s		17.00nm		5.0mb	
COL	85.86	18	iPc	43 25.00	0.4	
	0.8s		10.07nm		5.1mb	
PKI	88.58	299	eP	43 40.50	1.5	
	0.6s		5.00nm		5.0mb	
KKN	88.75	299	eP	43 41.20	1.6	
	0.7s		9.00nm		5.2mb	
DMN	88.85	299	eP	43 42.10	1.9	
	0.7s		11.00nm		5.3mb	
SOD	120.51	343	ePKP	49 27.00	-9.5X	
KJF	122.30	340	ePKP	49 40.00	0.0	
SUF	123.81	339	iPKP	49 42.30	-0.7	
	0.4s		1.20nm			
NUR	125.83	338	ePKP	49 46.00	-0.9	
GRC	143.95	341	iPKPc	50 25.30	4.3X	
LPG	144.14	335	ePKP	50 20.90	-0.9	
	0.6s		3.00nm			
SMF	144.26	339	ePKP	50 20.20	-1.4	
SOB1	144.47	129	ePKP	50 21.30	-1.6	
BGF	144.67	340	ePKP	50 21.80	-0.5	
	0.8s		13.40nm			
MZF	145.06	340	ePKP	50 23.30	0.3	
	1.2s		35.70nm			
TCF	145.12	341	ePKP	50 23.20	0.1	
	1.0s		20.00nm			
LSF	145.37	341	ePKP	50 24.00	0.5	
MFF	145.54	344	ePKP	50 24.80	1.0	
FRF	145.75	333	ePKP	50 25.20	1.0	
LMR	145.99	333	ePKP	50 25.80	1.2	
ITR	146.60	131	ePKP	50 27.00	0.5	
			e	50 29.40		
BNG	146.93	256	iPKPc	50 29.60	2.5X	
	0.9s		27.00nm			
			id	56 42.20		
BCAO	146.94	256	ePKP	50 29.70	2.6X	
	1.2s		21.18nm			
			e	50 42.50		
CAI	149.03	130	ePKP	50 34.80	4.4X	

S.D. = 1.1 on 29 of 34 obs.

* DEC 05, 1985 21h 50m 09.25± 1.00s
29.592 N ±16.2km 51.645 E ± 9.8km
DEPTH = 33.0km (normal)
4.6mb (5 obs.)
SOUTHERN IRAN (353)

IR2	6.09	354	(P)	51 39.00	-0.4	
KER	6.11	322	eP	51 40.00	0.2	
SLY	7.92	321	eP	52 06.00	1.1	
			iS	53 28.00		
RTB	10.28	292	eP	52 32.00	-5.6X	
			iS	54 20.00		
			e	55 52.00		
HRI	14.07	289	e(P)	53 34.00	5.6X	
PRNI	14.45	277	e(P)	53 33.00	-0.4	
MLR	25.68	315	eP	55 39.00	1.1	
DMN	29.39	86	eP	56 12.30	0.3	
	0.6s		7.00nm		4.6mb	
KKN	29.50	85	eP	56 13.20	0.2	
	0.5s		23.00nm		5.2mb	
PKI	29.66	86	eP	56 14.60	0.0	
	0.6s		7.00nm		4.6mb	
KHC	34.83	315	eP	57 01.00	1.9X	
HFS	39.73	331	eP	57 38.00	-2.0	
	0.4s		5.00nm		4.6mb	
NB2	41.25	331	P	57 48.20	-4.3X	
	0.5s		0.90nm		3.8mb	

S.D. = 1.1 on 9 of 13 obs.

DEC 05, 1985 21h 58m 08.83± 0.65s
44.635 N ± 4.7km 111.053 W ± 8.8km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 2.8 (NEIS).

IMW	0.75	172	iPc	58 23.20	-0.6	
CCMT	1.31	283	eP	58 34.40	0.8	
LCCM	1.33	335	eP	58 33.90	0.0	
TMI	1.46	205	eP	58 35.50	-0.6	
SXM	1.52	357	ePn	58 37.00	0.1	
LRM	1.53	321	ePn	58 37.50	0.4	
HPI	1.72	238	eP	58 40.30	0.4	
BUT	1.73	323	ePg	58 41.80	1.9X	
			eSn	59 03.20		
HRY	2.14	346	ePn	58 45.70	-0.1	
BDW	2.16	149	eP	58 47.00	0.8	
NEW	5.53	313	eP	59 32.50	-1.3	

S.D. = 0.8 on 10 of 11 obs.

DEC 05, 1985 22h 55m 39.80± 0.48s
35.856 N ± 6.8km 90.007 W ± 3.9km
DEPTH = 5.0km (geophysicist)
3.5mb (1 obs.)
ARKANSAS (502)
mbLg 3.9 (NEIS). Felt (V) at Blytheville Air Force Base. Felt (IV) at Blytheville, Osceola, Burdette, Keiser, Joiner and Tomato. Also felt (IV) at Henning, Tennessee. Felt (III) at Armorel, Dell, Driver, Luxora and Wilson, Arkansas.

DMV	0.87	14	iPc	59 57.00	0.0	
POW	1.00	288	iPc	59 59.90	0.7	
OLY	1.24	254	eP	00 04.30	1.0	
ELC	1.56	24	eP	00 08.50	0.3	
PWLA	1.81	118	eP	00 12.50	0.6	
FVM	2.15	351	eP	00 17.30	0.5	
RSCP	3.61	93	eP	00 38.50	1.0	
RLO	4.08	276	ePn	00 43.80	-0.4	
TUL	4.70	272	ePnc	00 52.70	-0.3	
			eSn	01 45.70		
			eSg	02 06.70		
VVO	4.70	265	(Pn)	00 56.40	3.4X	
TKL	5.07	90	eP	00 57.90	-0.4	

05d 23h

SIO	5.12	271	ePn	00 58.80	-0.2
PRM	6.52	104	eP	01 17.50	-1.3
OZO	7.65	266	(Pn)	01 29.50	-5.2X
RSON	15.23	351	eP	03 14.20	-2.9X
BDW	16.62	300	eP	03 34.00	-1.3
	0.6s		2.47nm	3.5mb	
S.D. = 0.8 on 13 of 16 obs.					

? DEC 05, 1985 23h 09m 36.80± 1.86s
28.733 N ±16.0km 141.231 E ±23.5km
DEPTH = 74.1 ± 25.8 km
BONIN ISLANDS REGION (212)

CBI	1.84	153	eP	10 07.00	0.1
			S	10 25.50	
SSE	17.54	283	P	13 38.00	0.2
			e(S)	17 04.00	
SNY	19.40	317	eP	14 00.00	0.5
NJ2	19.58	285	iPc	14 02.50	1.0
CN2	19.65	324	eP	14 00.00	-2.1
OZH	20.54	265	Pc	14 10.00	-1.5
BAG	22.63	242	eP	14 32.00	-0.5
			eS	18 30.00	
WHN	23.42	281	eP	14 43.00	3.1X
BJI	23.47	305	eP	14 39.00	-1.4
			eS	18 52.00	
			eSS	19 41.00	
TIY	25.62	298	eP	15 03.50	2.5
HHC	27.06	304	eP	15 15.60	1.4
XAN	28.01	289	eP	15 23.00	0.2
CD2	32.49	283	eP	16 01.80	-0.6
GTA	35.65	298	P	16 33.20	3.6X
WB2	48.85	189	eP	18 17.00	0.2
			i	18 50.20	
S.D. = 1.4 on 13 of 15 obs.					

• DEC 05, 1985 23h 30m 14.07± 1.33s
29.449 N ±19.6km 51.424 E ±12.5km
DEPTH = 33.0km (normal)
4.7mb (5 obs.)
SOUTHERN IRAN (353)

SHI	0.98	78	iP	30 32.00	0.3
KER	6.11	324	e(P)	32 02.00	17.4X
IR2	6.21	356	(P)	31 46.00	0.0
QUE	13.50	83	eP	33 30.00	4.1X
MLR	25.64	316	eP	35 46.00	3.6X
			e	45 53.00	
DMN	29.59	85	eP	36 18.60	-0.1
	0.4s		7.00nm	4.8mb	
KKN	29.71	85	eP	36 19.60	-0.1
	0.4s		16.00nm	5.1mb	
PKI	29.86	85	eP	36 21.00	-0.2
	0.6s		8.00nm	4.7mb	
KHC	34.79	315	eP	37 04.30	0.7
HFS	39.76	331	eP	37 44.40	-0.7
	0.3s		3.30nm	4.6mb	
NB2	41.28	332	P	37 54.30	-3.3X
	0.5s		0.80nm	3.7mb	
S.D. = 0.5 on 7 of 11 obs.					

• DEC 05, 1985 23h 40m 21.28± 1.64s
29.465 N ±22.7km 51.311 E ±15.6km
DEPTH = 33.0km (normal)
4.5mb (5 obs.)
SOUTHERN IRAN (353)

SHI	1.07	80	eP	40 40.00	-0.2
KER	6.04	325	e(P)	42 04.00	13.1X
IR2	6.19	357	(P)	41 53.00	0.1
SLY	7.84	323	eP	42 20.00	4.1X
			iS	43 42.00	
DMN	29.69	85	eP	46 26.80	0.0
	0.4s		4.00nm	4.5mb	
KKN	29.80	85	eP	46 27.90	0.2
	0.4s		7.00nm	4.8mb	
PKI	29.96	85	eP	46 29.30	0.0
	0.5s		3.00nm	4.3mb	
HFS	39.70	331	eP	47 52.80	1.0
	0.4s		4.50nm	4.6mb	
NB2	41.22	332	P	48 03.20	-1.2
	0.4s		0.60nm	3.7mb	
S.D. = 0.8 on 7 of 9 obs.					

DEC 06, 1985 02h 04m 50.21± 0.60s
42.300 N ± 5.2km 19.945 E ± 5.0km
DEPTH = 10.0km (geophysicist)

YUGOSLAVIA (383)
DUR 3.0 (TTG).

PVY	0.30	4	iPgc	04 56.40	0.0
			eSg	05 01.50	
TTG	0.52	285	iPgc	04 59.80	-1.0
			eSg	05 09.00	
IVA	0.57	357	ePg	05 01.50	-0.4
			eSg	05 10.00	
ULC	0.62	237	ePg	05 02.80	0.1
			eSg	05 13.50	
BDV	0.83	269	ePg	05 06.40	0.2
			eSg	05 20.50	
NKY	0.87	307	ePg	05 06.00	-1.0
			eSg	05 20.00	
HCY	1.08	278	ePg	05 11.00	0.4
			eSg	05 27.50	
PLE	1.11	339	ePg	05 11.00	0.0
			eSg	05 28.50	
SKO	1.16	106	iPn	05 12.00	0.1
			iSn	05 30.00	
OHR	1.35	151	iPn	05 14.70	-0.4
VAY	2.19	116	iPn	05 31.40	4.2X
PVL	3.94	76	eP	06 04.00	12.0X
VOY	5.73	313	ePn	06 19.40	1.9
			eSn	07 27.00	
S.D. = 0.9 on 11 of 13 obs.					

DEC 06, 1985 02h 07m 27.93± 0.25s
59.550 S ± 6.7km 26.071 W ± 5.2km
DEPTH = 33.0km (normal)
5.1mb (6 obs.)
SOUTH SANDWICH ISLANDS REGION (153)

SNA	14.62	147	e(P)	10 48.50	-5.3X
AIA	18.36	236	eP	11 42.60	1.4
SPA	30.62	180	ePd	13 39.80	-1.1
	1.0s		35.00nm	5.1mb	
CHCH	38.76	291	eP	14 51.00	0.3
PCH	38.95	292	iP	14 52.50	0.2
FCH	39.09	292	eP	14 54.50	0.7
LNV	39.10	290	iPc	14 53.30	-0.1
TACH	39.12	291	ePd	14 53.40	-0.3
SAN	39.16	292	eP	14 54.50	0.5
BACH	39.16	292	eP	14 55.00	0.9
VAO	39.39	329	eP	14 57.10	1.0
PEL	39.42	292	iPc	14 56.60	0.4
	1.0s		14.00nm	4.7mb	
ROCH	39.72	292	eP	14 59.20	0.3
VCA	41.98	298	ePd	15 18.80	1.4
SLA	44.29	304	ePd	15 35.20	-1.0
TPZ	47.28	306	iP	16 01.50	1.3
			i	16 15.50	
BPI	49.77	72	e(P)	16 22.00	2.8
SOB1	51.47	341	iPc	16 31.30	-0.7
			i	16 33.60	
			e	16 36.00	
			e	16 44.50	
			e	16 58.30	
ITR	51.54	344	iPc	16 31.50	-1.0
			i	16 36.30	
			e	16 45.50	
			e	16 45.60	
			e	16 53.10	
CNC8	52.38	306	P	16 40.00	0.4
LPB	52.68	306	eP	16 41.00	-0.6
			LR	36 10.00	
ZOBO	52.93	306	eP	16 43.00	-0.6
	0.9s		30.28nm	5.3mb	
			LR	33 24.00	
CAI	53.57	346	e(P)	16 46.99	-0.7
ARE	54.17	303	iP	16 52.00	-0.4
BUL	55.16	69	iPd	16 59.20	-0.3
	0.8s		15.30nm	5.1mb	
KRI	58.49	68	iPc	17 23.10	-0.1
MTD	59.47	70	iPc	17 29.70	-0.2
ATB	59.64	329	e(P)	17 29.50	-1.4
TET	60.98	72	iP	17 41.00	0.9
KIC	67.86	23	eP	18 25.10	0.3
LWI	70.96	60	iPc	18 46.70	2.5
BCAO	72.81	47	eP	18 55.70	0.8
	0.7s		11.28nm	5.0mb	
BNG	72.82	47	iPc	18 54.80	-0.2
	0.6s		25.00nm	5.4mb	
			Id	19 05.20	
MNC	78.61	197	P	19 27.00	-0.4
KRP	81.24	197	P	19 41.20	-0.3

WAM	84.52	176	iPd	19 58.90	0.5
CAN	85.39	176	eP	20 03.20	0.3
YOU	86.41	175	eP	20 08.20	0.3
ASPA	95.47	162	eP	20 50.00	-0.4
HYB	112.26	93	ePKP	26 01.00	-0.6
HFS	123.30	23	ePKP	26 19.70	-1.7
	0.5s		2.50nm		
NB2	123.68	21	PKP	26 19.60	-2.6X
DMN	124.06	93	iPKPd	26 24.10	-0.2
	0.7s		39.00nm		
PKI	124.18	93	iPKPd	26 24.20	-0.4
	0.6s		27.00nm		
KKN	124.29	93	iPKPd	26 24.40	-0.3
	0.6s		35.00nm		
NUR	126.04	28	ePKP	26 26.00	-0.7
LRM	126.35	300	ePKP	26 28.10	-0.1
FRB	127.14	338	ePKPd	26 28.30	-0.4
SUF	128.32	28	iPKP	26 30.10	-0.9
	0.6s		4.40nm		
KJF	129.95	27	ePKP	26 34.00	0.0
SOD	132.38	25	iPKP	26 37.40	-1.2
YKC	139.07	315	ePKP	26 50.00	-1.3
	0.4s		5.00nm		
YKA	139.12	315	ePKP	26 50.70	-0.7
ALE	143.05	353	ePKP	26 54.50	-3.5X
	0.6s		15.00nm		
INK	148.83	317	ePKP	27 10.00	2.3X
YAH	148.92	300	ePKP	27 12.40	3.9X
BJI	149.38	113	ePKP	27 14.00	4.5X
TOA	151.59	301	ePKP	27 18.60	6.4X
KDC	152.69	290	ePKP	27 20.40	6.7X
PMS	152.77	298	ePKP	27 20.40	6.5X
COL	153.20	306	ePKP	27 21.00	6.7X
BRW	157.17	321	ePKP	27 20.50	1.1
S.D. = 0.9 on 52 of 62 obs.					

% DEC 06, 1985 03h 02m 17.83± 1.00s
32.053 S ± 9.4km 117.524 E ±11.2km
DEPTH = 33.0km (normal)
WESTERN AUSTRALIA (590)

KLB	0.50	24	iPc	02 28.70	0.2
			iS	02 35.70	
NWAO	0.91	196	iPd	02 35.00	0.8
			iS	02 46.30	
MUN	1.12	273	iPd	02 36.20	-1.0
			eS	02 48.00	
BAL	1.60	334	eP	02 45.00	0.8
			iS	03 05.50	
RKG	2.06	192	eP	03 01.00	10.2X
			eS	03 34.00	
MRWA	3.12	335	eP	03 05.00	-0.8
	0.3s		5.00nm		
			eS	03 41.00	
MEK	5.49	10	eP	03 41.00	1.5
			eS	04 39.00	
WBN	9.87	56	eP	04 39.00	-1.5
S.D. = 1.4 on 7 of 8 obs.					

• DEC 06, 1985 04h 29m 23.10± 1.02s
6.479 S ± 9.8km 130.028 E ±11.8km
DEPTH = 163.8 ± 13.6 km
4.8mb (5 obs.)
BANDA SEA (280)

TLE	2.83	73	iPc	30 09.50	0.1
			iS	30 36.20	
AAI	3.32	327	ePc	30 17.60	2.0
KNA	9.30	188	eP	31 34.00	-0.7
	0.2s		25.00nm	5.4mb X	
TZZ	11.20	84	eP	31 58.00	-1.7
WB2	14.03	163	eP	32 33.10	-2.9
			I	32 39.80	
			iS	35 02.90	
ISO	16.90	148	eP	33 11.00	-0.5
ASPA	17.49	168	iPd	33 19.00	0.4
WBN	19.83	189	eP	33 44.00	0.8
	0.4s		9.00nm	4.6mb	
CTA	20.76	132	iPd	33 53.80	1.1
	0.9s		13.45nm	4.4mb	
CTAO	20.76	132	eP	33 53.80	1.1
YOU	32.45	151	eP	35 40.60	0.8
CAN	33.59	151	eP	35 50.90	1.2
WAM	34.25	152	eP	35 56.70	1.5
PKI	54.81	310	eP	38 37.60	-1.3
	0.6s		11.00nm	4.8mb	
KKN	55.02	310	eP	38 39.20	-1.1

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        0.6s    16.00nm          5.0mb
DMN    55.06 310 eP    38 39.80  -0.8
        0.6s    13.00nm          4.9mb
      S.D. = 1.5  on  16 of  16 obs.

   DEC 06, 1985  05h 00m 31.22± 0.52s
   50.218 N ± 4.9km   12.427 E ± 5.0km
   DEPTH =  10.0km  (geophysicist)
 GERMANY                          (543)
      ML 2.9 (GRF), 2.9 (FUR). Felt
      (V) in the Cheb area,
      Czechoslovakia. Felt (IV) at
      Selb.

HOF     0.37 285 IPgd   00 38.70   0.0
                 ISg    00 43.80
MOX     0.67 316 iPg    00 44.50  -0.1
                 iSg    00 53.50
GRF     0.94 236 IPg    00 49.30   0.2
                 ISg    01 01.90
                 eLg    01 04.10
WET     1.11 164 IPgd   00 52.00  -0.1
CLL     1.15  18 iPg    00 52.80   0.0
                 ISg    01 08.10
KHC     1.32 145 IPg    00 55.50  -0.1
                 Sg     01 12.80
PRU     1.38  99 iPg    00 56.60   0.1
                 e      01 59.00
                 iSg    02 14.50
FUR     2.19 201 IPgc   01 14.60   6.4X
KSP     2.55  74 iP     01 18.50   5.3X
                 iS     01 50.20
BUH     3.14 242 ePn    01 30.30   8.6X
KBA     3.20 169 IPnd   01 22.80   0.1
                 iSn    01 58.60
                 iSg    02 12.00
ZST     3.67 122 eP     02 25.60  56.4X
      S.D. = 0.1  on   8 of  12 obs.

*  DEC 06, 1985  05h 22m 41.52± 0.93s
   10.654 S ±10.3km  124.886 E ± 9.6km
   DEPTH =  33.0km  (normal)
   4.2mb (  2 obs.)
 TIMOR                            (289)

KUPT    1.36 292 ePd    23 05.00   0.7
KNA     6.32 144 eP     24 18.50   3.7X
        0.2s    24.00nm          5.6mb X
TLE     9.24  58 ePd    24 54.90  -0.7
MBL    11.52 204 eP     25 25.00  -1.8
WRA    12.97 137 Pd     25 46.40   0.1
        0.5s     1.20nm          4.2mb
WB2    12.98 136 eP     25 46.20  -0.2
                 e      25 50.80
                 iS     28 08.20
WBN    15.49 174 eP     26 20.00   0.8
        0.5s     9.00nm          4.2mb
                 eS     29 07.00
ASPA   15.53 148 eP     26 21.00   1.1
                 eS     29 09.00
CTA    22.61 117 eP     28 00.00  19.1X
      S.D. = 1.2  on   7 of   9 obs.

?  DEC 06, 1985  06h 37m 48.91± 1.05s
   19.137 S ±16.8km  177.522 W ±20.9km
   DEPTH = 550.0km  (geophysicist)
   4.2mb (  2 obs.)
 FIJI ISLANDS REGION              (181)

KRP    19.67 196 P      41 44.20   1.3
GNZ    19.82 190 P      41 45.70   1.4
MNG    22.24 194 P      42 04.00  -2.4
MSZ    28.21 202 P      43 02.50   3.3X
WRA    45.25 261 P      45 20.00   0.8
        0.3s     0.90nm          3.8mb
ASPA   45.28 255 eP     45 20.00   0.5
WBN    51.74 251 eP     46 07.00  -0.7
MBL    58.50 256 eP     46 54.00  -0.9
SPA    70.98 180 iPd    48 12.60   0.0
        0.7s    16.02nm          4.7mb
COL    86.82  12 eP     49 36.00   0.4
                 pP     51 36.70 551kmX
SOB1  128.81 120 ePKP   55 55.80  -0.5
CLL   146.84 348 IPKPc  56 31.40   3.7X
        1.2s    13.00nm
BRG   147.05 347 I(PKP) 56 32.00   3.9X
MOX   147.73 349 ePKP   56 33.50   4.3X
KHC   148.77 346 PKPd   56 36.00   5.1X
        1.0s    10.50nm
FLN   150.35   4 ePKP   56 39.70   6.5X
CDF   150.54 353 ePKP   56 40.50   6.8X
GRR   150.70   5 ePKP   56 40.80   7.0X
HAU   151.03 355 ePKP   56 41.40   7.0X
LPF   151.04   5 ePKP   56 41.40   7.1X
BSF   151.16 354 ePKP   56 41.90   7.2X
GRC   151.91 359 IPKPd  56 43.60   8.0X
LOR   151.92 358 ePKP   56 43.70   8.1X
SSF   152.14 358 ePKP   56 44.30   8.4X
LBF   152.20 358 ePKP   56 44.10   8.0X
TCF   152.92   0 ePKP   56 45.60   8.5X
      S.D. = 1.3  on  10 of  26 obs.

   DEC 06, 1985  07h 04m 41.44± 0.33s
   36.564 N ± 6.2km   70.981 E ± 7.3km
   DEPTH = 188.2km  (  2 depth phases)
   4.7mb ( 13 obs.)
 HINDU KUSH REGION                (718)

QUE     7.20 209 iPd    06 24.40  -0.8
                 eS     07 44.00
NDI     9.45 144 iPc    06 54.00  -0.6
        0.5s    21.13nm          4.8mb
                 iS     08 31.00
DMN    14.92 123 eP     08 04.20  -0.4
KKN    14.92 122 eP     08 02.80  -1.8
PKI    15.15 122 eP     08 07.40  -0.1
IR2    16.26 273 eP     08 21.00   0.2
POO    16.14 171 iPc    08 42.80   0.6
HYB    20.22 159 ePc    09 04.00   0.5
        0.8s    38.50nm          5.0mb
SHL    20.95 116 iP     09 11.70   0.9
GBA    23.58 164 P      09 37.10   0.8
                 S      14 07.10
KOD    26.86 166 eP     10 07.60   0.8
CHG    30.26 118 eP     10 37.50   0.7
NUR    37.77 324 iP     11 40.50   0.1
        0.7s    29.30nm          5.0mb
KJF    37.83 331 iP     11 41.60   0.8
        0.6s    10.40nm          4.7mb
SUF    37.86 328 iP     11 41.60   0.5
        0.3s     4.40nm          4.6mb
SJD    39.67 335 iP     11 56.30   0.3
IPM    42.12 132 ePc    12 17.90   1.3
        0.9s    24.30nm          4.8mb
PSI    42.42 136 ePc    12 16.50  -0.6
        0.6s    22.30nm          4.9mb
HFS    43.01 322 eP     12 23.10  -0.2
        0.6s    25.70nm          5.0mb
NB2    44.32 323 P      12 31.40  -2.6
        0.7s    16.50nm          4.7mb
PPI    45.85 137 eP     12 40.00  -6.4X
        0.7s    25.70nm          4.8mb
DAG    54.69 344 iPc    13 51.90  -0.7
        0.3s     3.90nm          4.6mb
                 i      14 35.00 190km
MBC    67.27   3 eP     15 17.00   0.0
INK    73.85   9 eP     15 57.00   0.6
COL    74.41  16 eP     16 00.00   0.2
        0.7s     6.16nm          4.4mb
                 pP     16 44.90 186km
YKA    81.18   3 eP     16 38.10   1.4
ASPA   84.30 125 eP     16 52.00  -1.3
CTA    90.58 115 iPc    17 22.90  -0.5
        0.9s     5.04nm          4.5mb
      S.D. = 1.0  on  27 of  28 obs.

*  DEC 06, 1985  08h 39m 51.02± 1.99s
   32.210 S ± 7.3km   71.837 W ±18.9km
   DEPTH =  33.0km  (normal)
 NEAR COAST OF CENTRAL CHILE      (135)

ROCH    1.03 138 iPc    40 09.50   0.1
PEL     1.35 134 iPc    40 13.70   0.0
                 iS     40 27.60
SAN     1.59 142 ePc    40 17.00  -0.2
                 iS     40 35.50
BACH    1.61 136 iPc    40 17.40  -0.1
TACH    1.63 153 iPd    40 18.20   0.5
LNV     1.78 168 iPc    40 20.20   0.3
                 i      40 33.90
                 iS     40 41.00
PCH     1.79 142 iPd    40 20.00  -0.3
CHCH    1.99 150 iPd    40 23.20   0.2
RTCB    2.68  75 iPd    40 33.30   0.4
                 S      41 05.20
ZON     2.77  77 eP     40 35.00   1.0
                 eS     41 07.00
CFA     3.12  80 ePd    40 38.00  -0.3
                 (S)    41 03.00
RFA     3.80 133 ePd    40 47.80  -1.0
VCA     4.67  43 ePd    41 00.60  -0.6
                 S      41 55.30
      S.D. = 0.5  on  13 of  13 obs.

?  DEC 06, 1985  08h 47m 36.61± 2.36s
   7.354 N ±25.3km   73.818 W ±32.3km
   DEPTH =  33.0km  (normal)
 NORTHERN COLOMBIA                ( 99)

BMG     0.79 111 eP     48 05.00  13.6X
FUQ     1.87 178 eP     48 06.00  -1.2
BOG     2.72 185 iP     48 20.50   1.2
                 iS     48 51.00
UAV     2.93  65 iPnd   48 23.40   1.3
        0.2s    73.70nm
SDV     3.50  64 iPnc   48 30.20  -0.1
        0.2s    57.80nm
TOV     4.66  58 ePn    48 45.40  -1.1
PSO     7.05 210 eP     49 20.50  -0.1
      S.D. = 1.4  on   6 of   7 obs.

*  DEC 06, 1985  08h 55m 30.01± 1.11s
   45.181 N ±23.5km  148.497 E ±10.8km
   DEPTH =  33.0km  (normal)
   4.9mb ( 21 obs.)
 KURIL ISLANDS                    (221)

MAT    11.62 226 eP     58 14.00  -2.5X
        1.0s    15.00nm          5.1mb
COL    39.37  37 iP     02 59.40   1.8
        0.7s    12.67nm          4.8mb
                 pP     03 05.10  19kmX
INK    44.68  31 eP     03 42.00   1.1
MBC    47.15  19 eP     04 01.00   0.6
KKN    52.39 273 eP     04 41.40  -0.1
        0.4s     6.00nm          4.9mb
PKI    52.44 273 eP     04 41.40  -0.6
DMN    52.63 273 eP     04 43.20  -0.1
YKA    54.08  35 eP     04 53.80   0.6
DAG    58.06 357 iPd    05 19.50  -2.1
        0.5s     3.52nm          4.7mb
SOD    59.51 338 eP     05 30.00  -1.8
NEW    60.67  50 eP     05 38.50  -1.6
KJF    61.49 335 eP     05 44.00  -1.4
SUF    63.06 334 eP     05 54.00  -1.8
        0.3s     3.70nm          5.0mb
LRM    64.69  50 eP     06 06.30  -0.8
NUR    65.20 333 iP     06 08.80  -0.9
        0.5s    21.00nm          5.5mb
EUR    66.74  57 e(P)   06 20.00  -0.3
                 pP     06 28.70  28kmX
BDW    68.24  51 eP     06 28.00  -1.7
NB2    68.61 339 P      06 28.10  -3.3X
        0.7s     5.70nm          4.8mb
HFS    68.74 338 eP     06 30.70  -1.4
        0.5s     6.00nm          4.9mb
KSP    75.79 331 eP     07 14.50   0.5
CLL    76.48 333 iPd    07 18.10   0.2
        0.9s    28.00nm          5.3mb
BRG    76.55 332 e(P)   07 18.00  -0.3
PRU    77.11 332 eP     07 21.80   0.4
MOX    77.50 334 eP     07 24.00   0.5
ZST    77.73 329 i(P)   07 25.70   0.9
KHC    78.17 332 P      07 28.10   0.8
        0.9s    15.00nm          5.0mb
KBA    80.02 331 i(P)   07 38.20   0.7
        0.7s    10.20nm          4.9mb
                 i      07 38.90
FLN    82.59 340 eP     07 50.20  -0.5
        0.3s     4.20nm          5.0mb
LOR    82.83 337 eP     07 52.20   0.1
        0.6s     2.70nm          4.5mb
GRC    83.02 337 iPc    07 54.80   1.8
GRR    83.03 340 eP     07 53.00   0.0
        0.3s     3.70nm          5.0mb
LBF    83.05 336 eP     07 52.80  -0.5
        0.7s     5.50nm          4.8mb
SSF    83.11 337 eP     07 54.60   1.1
        0.5s     2.90nm          4.6mb
SMF    83.40 336 eP     07 56.40   1.4
        0.8s    11.20nm          5.0mb
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06d 09h

AVF	83.40	337	eP	07	55.10	0.1
	0.8s		8.00nm			4.9mb
LPF	83.40	340	eP	07	55.70	0.8
LPG	83.57	334	eP	07	57.00	0.7
	0.5s		4.30nm			4.8mb
MZF	84.14	337	eP	07	59.30	0.5
	0.7s		11.00nm			5.1mb
TCF	84.18	337	eP	07	58.90	-0.1
MFF	84.51	339	eP	08	01.60	1.0
	0.3s		1.70nm			4.7mb
	S.D. = 1.1		on 38 of 40 obs.			

* DEC 06, 1985 09h 08m 37.54± 1.24s
20.777 S ±12.0km 178.460 W ±17.9km
DEPTH = 605.8 ± 11.2 km
4.9mb (7 obs.)
FIJI ISLANDS REGION (181)

SGE	4.66	312	ePd	10	08.00	-0.8
NDF	4.89	307	iPd	10	10.50	0.1
DZM	14.12	262	iPc	11	37.00	0.0
NOU	14.12	261	iPc	11	39.00	2.1
CRZ	15.69	208	P	11	54.80	2.8
KRP	17.86	196	P	12	14.00	1.3
GNZ	18.06	189	P	12	14.90	0.4
MNG	20.44	193	P	12	33.70	-2.7
			S	15	41.00	
TCW	21.29	195	P	12	42.30	-1.7
CAN	32.00	236	eP	14	17.80	0.4
YOU	32.18	238	eP	14	14.60	-4.3X
CTA	33.03	265	iPd	14	26.00	-0.2
	0.6s		27.00nm			5.1mb
CTAO	33.03	265	iPd	14	26.50	0.3
	0.5s		34.81nm			5.2mb
CMS	33.65	244	eP	14	31.00	-0.3
STK	37.28	244	eP	15	02.00	0.9
ASPA	44.04	257	iPd	15	54.00	-1.0
	1.1s		70.00nm			5.1mb
WRA	44.13	262	Pc	15	55.10	-0.6
	0.6s		19.90nm			4.8mb
KNA	50.19	266	iPd	16	40.60	-0.7
WBN	50.40	253	iPd	16	42.00	-0.8
MBL	57.28	258	eP	17	30.10	-1.1
MEK	57.49	251	eP	17	31.00	-1.6
KLB	57.54	245	eP	17	32.00	-0.9
MRWA	59.34	248	eP	17	44.00	-0.9
NAU	60.94	255	iPd	17	55.00	-0.4
SPA	69.35	180	iPc	18	48.50	1.3
	1.0s		6.50nm			4.1mb
KGM	79.71	276	ePc	19	46.70	1.5
IPM	82.78	278	ePc	20	01.90	1.1
	0.9s		29.00nm			4.8mb
COL	88.60	13	eP	20	27.00	-0.6
			pP	22	37.20	603kmX
CHTO	89.93	290	eP	20	36.80	2.2
	0.8s		8.97nm			4.7mb
HFS	139.74	351	ePKP	26	50.70	-7.9X
	0.6s		2.90nm			
CLL	148.23	346	iPKPc	27	17.90	4.8X
	0.8s		15.00nm			
PRU	149.08	344	PKP	27	20.00	5.6X
KHC	150.12	344	ePKP	27	32.50	16.4X
	S.D. = 1.4		on 28 of 33 obs.			

DEC 06, 1985 09h 33m 08.05± 0.78s
26.431 N ± 5.4km 140.951 E ±11.9km
DEPTH = 111.3 ± 6.9 km
4.7mb (6 obs.)
BONIN ISLANDS REGION (212)
Felt (I JMA) on Chichi-shima.

CBI	1.28	59	iP	33	32.70	0.0
			iS	33	49.00	
KYS	8.77	356	eP	35	13.60	0.1
OYM	9.08	351	eP	35	18.30	0.5
SRY	9.26	351	eP	35	20.80	0.6
DDR	9.66	351	eP	35	25.70	0.2
TSK	9.78	356	eP	35	25.50	-1.6
MAT	10.35	348	(P)	35	35.00	0.3
	0.8s		18.66nm			5.0mb
CTA	46.53	173	iPc	41	25.90	-0.2
	0.8s		10.82nm			4.7mb
CTAO	46.53	173	ePc	41	26.00	-0.1
	0.6s		11.03nm			4.8mb
COL	58.44	28	eP	42	54.00	-0.1
YOU	60.79	173	iPd	43	10.30	-0.1
CAN	61.89	173	eP	43	17.70	-0.1
WAM	62.73	173	eP	43	23.60	0.3
INK	64.09	24	iPd	43	31.10	-0.8
MBC	66.81	15	eP	43	49.00	-0.3
YKA	73.25	28	eP	44	28.50	0.1
RSNT	73.26	28	eP	44	28.30	-0.1
	0.7s		4.67nm			4.4mb
YKC	73.31	28	eP	44	28.00	-0.7
	0.7s		14.00nm			4.9mb
NEW	78.14	42	eP	44	57.00	0.6
LRM	82.11	43	eP	45	18.70	0.9
BDW	85.45	44	eP	45	35.20	0.5
	1.0s		3.20nm			4.2mb
	S.D. = 0.6		on 21 of 21 obs.			

DEC 06, 1985 10h 19m 35.03± 0.63s
44.624 N ± 4.6km 111.114 W ± 8.5km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 2.9 (NEIS).

IMW	0.74	170	iPc	19	49.40	-0.4
CCMT	1.29	284	ePn	20	00.20	0.7
LCCM	1.33	336	eP	20	00.20	0.0
TMI	1.44	204	eP	20	01.50	-0.6
LRM	1.53	322	ePn	20	03.50	0.3
SXM	1.53	358	ePn	20	03.50	0.3
HPI	1.69	238	eP	20	06.20	0.5
BUT	1.72	324	ePg	20	08.30	2.3X
			eSn	20	30.00	
HRY	2.15	347	ePn	20	12.00	-0.1
BDW	2.16	148	eP	20	13.00	0.6
NEW	5.52	313	eP	20	58.50	-1.4
	S.D. = 0.7		on 10 of 11 obs.			

% DEC 06, 1985 11h 04m 04.09± 0.61s
42.328 N ± 5.4km 18.892 E ± 4.9km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.4 (TTG).

BDV	0.07	227	iPgd	04	00.20	-0.2
			eSg	04	00.20	
TTG	0.29	69	ePg	04	10.00	-0.2
			eSg	04	15.00	
HCY	0.32	292	iPgd	04	11.00	0.4
			eSg	04	17.00	
ULC	0.45	144	ePg	04	13.18	-0.2
			eSg	04	19.50	
NKY	0.49	9	ePg	04	13.80	-0.3
			eSg	04	22.40	
BRY	0.63	336	ePg	04	16.60	-0.2
			eSg	04	27.50	
PVY	0.84	71	ePg	04	21.00	0.5
			eSg	04	33.00	
	S.D. = 0.4		on 7 of 7 obs.			

DEC 06, 1985 12h 20m 28.45± 0.46s
50.215 N ± 4.4km 12.433 E ± 4.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.1 (FUR), 3.0 (GRF). Felt
(IV) at Selb.

HOF	0.37	286	iPgd	20	36.00	-0.1
			iSg	20	41.10	
MOX	0.68	310	ePg	20	42.00	0.1
			iSg	20	50.50	
GRF	0.94	237	iPg	20	46.70	0.3
			eSg	20	59.20	
			eLg	21	01.40	
WET	1.11	165	iPgd	20	49.40	0.1
CLL	1.15	18	iPg	20	50.00	0.0
			iSg	21	05.40	
KHC	1.32	145	iPg	20	52.50	-0.3
			Sg	21	10.30	
PRU	1.38	99	iPg	20	53.80	0.1
			Sg	21	10.80	
FUR	2.19	201	iPgc	21	12.00	6.6X
KSP	2.54	74	iP	21	14.90	4.5X
			iS	21	48.00	
BUH	3.15	242	ePn	21	27.60	8.6X
KBA	3.20	169	iPnd	21	20.00	0.1
			iSg	22	09.70	
			i	22	11.90	
ZST	3.67	122	eP	22	23.50	57.1X
CDF	3.83	244	Pn	21	28.00	-0.7
			Pg	21	41.60	
			Sg	22	30.00	
BSF	4.41	239	Pn	21	37.30	0.3
			Pg	21	51.40	
			Sg	22	46.30	
HAU	4.57	243	Pn	21	39.30	0.1
			Pg	21	54.90	
			Sg	22	51.70	
SMF	6.74	241	Pg	22	34.10	24.3X
	S.D. = 0.3		on 11 of 16 obs.			

DEC 06, 1985 12h 33m 21.94± 0.39s
49.584 N ± 8.9km 157.304 E ± 5.9km
DEPTH = 41.6km (4 depth phases)
5.0mb (44 obs.) 4.5Msz (2 obs.)
KURIL ISLANDS REGION (222)

SMY	11.01	67	eP	35	56.70	-3.0X
			eLg	37	48.00	
MAT	19.02	234	iPc	37	41.00	-2.0
	0.8s		74.63nm			5.0mb
			eS	40	48.00	
SHK	23.53	240	eP	38	30.20	1.2
IMA	29.86	38	eP	39	26.60	-0.7
BRW	30.17	27	eP	39	29.50	-0.3
BJI	30.36	268	eP	39	29.00	-2.8
PME	31.66	47	eP	39	41.00	-2.0
	0.8s		6.80nm			4.5mb
COL	32.19	41	iP	39	47.30	-0.3
	1.0s		30.00nm			5.1mb
FBA	32.19	41	eP	39	47.50	-0.1
	0.8s		12.80nm			4.8mb
SSE	32.73	249	eP	39	53.00	0.4
	1.0s		67.00nm			5.5mb
N	18s		1.20um			
			S	45	20.00	
INK	37.74	35	iPd	40	35.60	0.7
	0.6s		23.00nm			5.3mb
MBC	40.96	21	eP	41	02.00	0.5
ALE	46.62	7	eP	41	46.50	-0.6
	0.8s		9.00nm			4.8mb
YKA	46.96	39	eP	41	51.00	1.0
RSNT	46.98	39	eP	41	50.60	0.5
			i	42	05.90	59kmX
KMI	48.50	260	Pc+	42	01.50	-1.3
PNT	51.29	56	eP	42	23.00	-0.6
	0.9s		14.00nm			5.0mb
EDM	52.33	49	iPd	42	31.00	-0.5
DAG	53.90	359	iPd	42	41.50	-1.1
	0.7s		10.27nm			5.0mb
			i	42	52.00	35km
LOE	54.76	255	eP	42	49.00	-0.6
WDC	54.78	67	eP	42	50.20	0.6
SES	55.16	51	eP	42	52.00	-0.3
SHL	55.22	270	iP	42	52.20	-1.0
CHG	55.47	258	iPc	42	54.80	-0.1
	0.9s		121.43nm			5.9mb
CHTO	55.47	258	iPc	42	54.80	0.0
MIN	55.49	66	eP	42	54.60	-0.3
KEV	55.59	341	eP	42	54.00	-1.0
ORV	56.04	67	eP	42	58.50	-0.2
FFC	56.76	43	eP	43	03.00	-0.7
	0.8s		4.00nm			4.5mb
NST	57.06	255	eP	43	07.00	0.8
LRM	57.27	56	eP	43	07.70	0.0
SOD	57.60	340	eP	43	07.00	-2.4
JAS1	57.73	68	eP	43	11.10	0.3
KKN	57.99	276	iP	43	12.20	-0.7
BMN	58.02	64	eP	43	11.90	-1.0
PKI	58.06	276	iP	43	12.70	-0.8
DMN	58.23	276	iP	43	14.20	-0.4
KHT	58.70	255	eP	43	18.80	1.1
EUR	59.37	64	iP	43	22.50	0.1
	0.2s		10.61nm			5.6mb
NNT	59.66	253	eP	43	26.50	2.2
KJF	59.93	337	eP	43	23.00	-2.6
BDW	60.82	57	eP	43	32.10	-0.2
	1.0s		7.40nm			4.8mb
FRB	61.42	21	eP	43	34.00	-1.8
SUF	61.55	337	iP	43	34.30	-2.3
	0.5s		3.00nm			4.7mb
NDI	62.55	283	eP	43	42.00	-1.8
NUR	63.80	336	iP	43	49.00	-2.5
	0.5s		18.20nm			5.4mb
Z	18s		0.20um			4.3Msz
			LR	16	10.00	
IPM	65.14	246	ePd	44	03.00	2.2
GOL	65.23	57	eP	43	59.00	-2.5

UPP	66.11	339	iP	44 02.70	-3.7X
N82	66.40	343	P	44 06.20	-2.2
	0.7s	7.30nm		4.9mb	
HFS	66.73	341	eP	44 08.80	-1.6
	0.4s	6.00nm		5.0mb	
Z	18s	0.48um		4.8Msz	
		LR	12 03.00		
QUE	67.89	291	eP	44 17.20	-1.2
ALQ	67.99	62	eP	44 19.00	0.0
HYB	69.69	273	iPc	44 28.50	-1.0
	0.8s	61.50nm		5.7mb	
CTA	70.05	191	eP	44 35.00	3.6X
POO	71.93	277	iPc	44 43.00	0.0
IR2	73.09	305	eP	44 55.00	5.3X
GBA	73.22	271	P	44 50.10	-0.4
LTX	73.69	64	eP	44 53.80	0.6
	0.8s	3.94nm		4.4mb	
EKA	74.18	349	Pc	44 56.40	0.9
	0.5s	9.50nm		5.0mb	
KRA	74.23	333	iPd	44 55.10	-0.8
	0.6s	27.00nm		5.4mb	
SPC	74.91	332	eP	45 02.00	1.9
CLL	74.97	338	iPc	44 59.50	-0.7
	1.1s	35.00nm		5.2mb	
JCT	75.06	61	eP	45 08.00	6.9X
	1.0s	11.00nm		4.8mb	
KOD	75.70	269	eP	45 05.00	-0.2
WTS	75.73	342	ePd	45 05.00	0.6
	1.0s	24.00nm		5.1mb	
PRU	75.80	336	Pc	45 04.50	-0.4
CVO	75.92	327	eP	45 06.00	0.3
MOX	75.93	338	e(P)	45 06.00	0.4
SLY	75.94	309	iPd	45 06.00	0.1
HOF	76.17	338	iPc	45 06.80	-0.2
	1.1s	25.00nm		5.1mb	
MLR	76.29	327	eP	45 08.00	0.1
MSL	76.50	311	iP	45 10.50	1.4
ZST	76.72	334	iP	45 10.80	0.7
KHC	76.83	336	iPc	45 11.40	0.6
	0.9s	37.00nm		5.4mb	
		e	45 24.50	45km	
GRF	76.91	338	iPc	45 11.80	0.7
	0.9s	41.00nm		5.5mb	
ENN	77.08	342	ePd	45 12.50	0.5
	1.0s	32.00nm		5.3mb	
MEM	77.21	342	Pd	45 13.40	0.7
		e	45 26.20	44km	
K8A	78.78	336	iPc	45 22.80	1.1
	0.9s	64.10nm		5.6mb	
CDF	79.02	340	eP	45 23.40	0.6
	1.0s	12.00nm		4.8mb	
HAU	79.61	341	eP	45 26.40	0.5
BSF	79.67	340	eP	45 26.60	0.2
FLN	80.18	345	eP	45 29.70	0.7
LDF	80.29	345	eP	45 30.00	0.5
GRR	80.61	345	eP	45 32.10	0.9
	0.8s	21.40nm		5.2mb	
LOR	80.83	342	eP	45 33.00	0.6
	0.5s	3.20nm		4.5mb	
GRC	80.96	343	iPd	45 34.20	1.1
		i	45 47.00	43km	
LPF	80.98	345	eP	45 34.20	1.0
L8F	81.07	342	eP	45 34.00	0.2
	0.6s	3.90nm		4.6mb	
SSF	81.10	342	eP	45 34.60	0.8
	0.6s	4.50nm		4.6mb	
VAY	81.12	327	eP	45 34.00	0.8
AVF	81.39	342	eP	45 36.10	0.8
	0.8s	8.00nm		4.8mb	
SMF	81.43	342	eP	45 36.50	0.9
BGF	81.71	343	eP	45 38.10	1.1
	0.8s	12.00nm		5.0mb	
LPG	81.89	340	eP	45 39.90	1.5
	0.8s	19.30nm		5.2mb	
OHR	81.92	328	eP	45 35.80	-2.5
MZF	82.09	343	eP	45 40.70	1.7
	0.8s	14.70nm		5.1mb	
TCF	82.09	343	eP	45 40.10	1.0
	0.7s	4.80nm		4.6mb	
MFF	82.22	345	eP	45 41.00	1.3
	0.6s	6.10nm		4.8mb	
LSF	82.26	343	eP	45 41.20	1.3
	0.7s	12.10nm		5.0mb	
RJF	83.17	343	eP	45 45.90	1.3
CAF	83.43	343	eP	45 47.50	1.5
LFF	83.67	343	eP	45 48.90	1.7
LPO	83.83	343	eP	45 48.70	0.7

	0.7s	6.60nm		4.8mb	
LMR	84.00	339	eP	45 49.70	0.9
	0.8s	13.40nm		5.1mb	
CVF	84.15	337	eP	45 51.00	1.3
	0.8s	8.00nm		4.9mb	
	S.D. = 1.2	on 101 of 106 obs.			

* DEC 06, 1985 13h 29m 24.78± 1.04s
42.648 N ± 9.6km 23.374 E ±14.2km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

KNT	1.53	194	iPb	29 55.70	3.6X
			eSb	30 18.70	
SRS	1.54	174	ePb	29 52.90	0.6
			eSb	30 14.20	
SKO	1.59	245	ePg	29 52.80	-0.2
SOH	1.83	180	ePb	29 57.30	0.8
			eSb	30 25.30	
OUR	2.36	169	iPn	30 02.80	-1.3
MLR	3.39	32	ePc	30 19.00	0.1
	S.D. = 1.2	on 5 of 6 obs.			

* DEC 06, 1985 14h 01m 37.80± 2.60s
7.346 S ±12.4km 128.979 E ±11.3km
DEPTH = 72.8 ± 27.3 km
4.9mb (4 obs.)
BANDA SEA (280)

KNA	8.35	181	eP	03 39.00	0.5
	0.2s	105.00nm		6.3mb	X
TZZ	12.34	81	eP	04 33.00	0.5
WRA	13.56	158	Pd	04 46.00	-2.4
	0.2s	4.30nm		4.6mb	
WB2	13.56	158	iPc	04 45.40	-3.1X
			iS	07 05.30	
MBL	16.33	212	eP	05 25.00	1.0
			eS	08 16.00	
ISO	16.77	143	eP	05 29.00	-0.6
			eS	08 21.00	
ASPA	16.90	164	eP	05 31.00	-0.2
			eS	08 23.00	
WBN	18.83	187	eP	05 55.00	0.3
	0.4s	18.00nm		4.7mb	
			eS	09 14.00	
NAU	19.92	219	eP	06 07.00	0.7
CTA	21.00	129	eP	06 20.00	2.6
MEK	21.58	206	eP	06 27.00	3.8X
			eS	10 21.00	
YOU	32.23	149	eP	08 00.80	-0.5
CAN	33.36	149	eP	08 10.60	-0.6
PKI	54.59	311	eP	11 01.00	-0.6
	0.5s	10.00nm		5.1mb	
KKN	54.80	311	eP	11 02.50	-0.5
	0.6s	14.00nm		5.2mb	
	S.D. = 1.3	on 13 of 15 obs.			

& DEC 06, 1985 14h 25m 59.34s
62.132 N 149.523 W
DEPTH = 57.4km
CENTRAL ALASKA (1)
<AGS-P>.

GHO	0.46	142	iP	26 10.29	-0.6
			iS	26 19.28	
PWA	0.51	199	iP	26 10.69	-0.6
			iS	26 19.66	
PME	0.56	155	iP	26 11.18	-0.6
			iS	26 20.91	
PLRM	0.57	161	iP	26 11.10	-0.9
SML	0.65	120	iP	26 12.22	-0.8
			iS	26 23.67	
KNK	0.88	144	iP	26 15.59	-0.3
			iS	26 28.52	
SUA	0.89	221	iP	26 15.81	-0.2
			iS	26 28.55	
PMS	0.89	181	iP	26 15.45	-0.6
SKT	0.96	262	eP	26 16.12	-0.8
			iS	26 29.65	
SCM	1.08	105	iP	26 18.19	-0.4
			iS	26 34.45	
CFI	1.27	138	iP	26 21.06	0.0
PTE	1.29	169	iP	26 21.19	-0.2
PWL	1.40	155	eP	26 22.74	-0.2
SPU	1.54	233	iP	26 25.15	0.2
TOA	1.58	90	iP	26 26.16	0.7
			iS	26 48.83	

MPA	1.65	177	eP	26 26.76	0.4
SLKM	1.66	192	eP	26 26.72	0.1
GLI	1.71	136	iP	26 27.43	0.1
VZW	1.78	126	eP	26 27.95	-0.3
			iS	26 50.26	
VLZ	1.82	122	iP	26 28.07	-0.7
KLU	1.83	109	iP	26 28.65	-0.3
			iS	26 52.04	
LOU	1.90	151	iP	26 28.90	-1.0
KNIM	1.99	153	eP	26 30.51	-0.6
FID	2.02	132	eP	26 31.04	-0.5
RDT	2.09	223	eP	26 32.24	-0.4
HIN	2.27	139	eP	26 35.06	-0.1
MTU	2.34	156	eP	26 37.60	1.6
GLB	2.80	102	eP	26 42.12	-0.6
COL	2.89	15	eP	26 43.00	-0.8
BALM	3.60	105	eP	26 52.57	-1.5
WAX	3.63	115	eP	26 53.95	-0.5
	31 obs. associated				

DEC 06, 1985 15h 57m 26.36± 0.41s
38.789 N ± 3.4km 108.899 W ± 3.3km
DEPTH = 10.0km (geophysicist)
COLORADO (479)
ML 2.7 (NEIS).

PV08	0.29	137	iPd	57 33.20	0.6
PV09	0.34	212	iPd	57 33.60	0.0
PV04	0.39	181	iPd	57 34.80	0.3
PV10	0.43	195	iPd	57 35.10	0.0
PV03	0.54	176	iPd	57 37.20	-0.1
PV02	0.59	168	iPd	57 38.40	-0.2
PV01	0.70	158	iPd	57 40.10	-0.3
PV05	0.73	193	iPd	57 40.00	-0.8
RW6	0.96	127	iPd	57 44.80	0.0
RW1	1.02	121	eP	57 45.10	-0.7
RW2	1.04	117	eP	57 46.00	-0.1
RW5	1.10	130	iP	57 47.60	0.4
RW4	1.19	122	eP	57 49.10	0.3
RMU	2.37	224	eP	58 06.00	0.0
DAU	2.44	312	eP	58 06.60	-0.5
MSU	2.58	265	eP	58 10.30	1.2
GOL	2.89	71	eP	58 14.00	0.5
DUG	3.34	296	eP	58 17.60	-2.2X
BDW	4.02	353	eP	58 29.00	-0.4
ALQ	4.31	152	e(P)	58 45.80	12.2X
	S.D. = 0.5	on 18 of 20 obs.			

? DEC 06, 1985 16h 44m 56.54± 3.80s
34.838 S ±71.6km 111.451 W ±44.4km
DEPTH = 10.0km (geophysicist)
4.9mb (4 obs.)
EASTER ISLAND CORDILLERA (684)

TPZ	42.13	84	eP	52 53.00	1.9
CNCB	42.67	76	P	52 56.70	0.8
LPB	42.73	76	eP	53 02.00	5.8X
			LR	05 30.00	
ZOBO	42.86	76	P	52 56.00	-1.4
			LR	04 40.00	
LTX	64.25	8	eP	55 33.90	-0.2
	1.0s	2.40nm		4.3mb	
JCT	65.89	11	eP	55 44.00	-0.5
	0.9s	13.45nm		5.1mb	
TPC	68.72	356	eP	56 03.00	0.6
SOB1	68.85	87	eP	56 02.40	-1.3
SBB	69.42	354	eP	56 13.00	6.3X
ALQ	69.58	4	e(P)	56 06.10	-1.7
GSC	69.96	355	eP	56 11.00	1.0
ISA	70.44	354	eP	56 13.00	0.1
CLC	70.52	355	eP	56 15.00	1.6
JAS1	72.87	353	eP	56 27.30	0.0
EUR	74.07	356	iP	56 34.80	0.3
	0.5s	5.05nm		4.8mb	
BDW	77.26	1	eP	56 51.60	-1.0
	1.4s	16.74nm		4.9mb	
PNT	84.10	355	eP	57 35.00	6.6X
SES	84.86	0	ePd	57 31.80	-0.4
CHG	148.69	247	iPKPd	04 44.80	2.7X
	1.1s	24.68nm			
CHTO	148.69	247	ePKP	04 44.70	2.6X
	1.5s	43.36nm			
KMI	148.97	261	PKPd	04 45.00	2.3X
LZH	151.32	283	ePKP	04 51.00	5.2X
	S.D. = 1.2	on 15 of 22 obs.			

* DEC 06, 1985 16h 58m 40.58± 0.83s

06d 16h

49.997 N ± 6.4km 12.203 E ± 9.1km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 1.9 (GRF).

HOF	0.38	327	iPgd	58 48.50		0.1
GRF	0.71	245	ePg	58 54.60		0.1
			eSg	59 04.50		
MOX	0.75	330	ePg	58 55.00		-0.3
			iSg	59 05.00		
WET	0.96	152	ePg	58 58.80		-0.1
CLL	1.41	21	(Pg)	59 06.40		0.1
			iSg	59 24.60		
S.D. = 0.3			on	5 of	5 obs.	

DEC 06, 1985 17h 13m 32.13± 0.56s
42.292 N ± 5.8km 19.947 E ± 4.9km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)

PVY	0.30	4	iPgc	13 38.10		-0.4
			eSg	13 43.50		
TTG	0.53	285	iPgc	13 41.60		-1.2
			eSg	13 50.50		
IVA	0.58	356	ePg	13 43.00		-0.9
			eSg	13 52.00		
ULC	0.61	238	iPg	13 44.20		-0.3
			eSg	13 55.00		
BDV	0.83	270	iPg	13 48.00		-0.2
			iSg	14 01.60		
NKY	0.87	307	ePg	13 48.60		-0.4
			eSg	14 02.00		
HCY	1.06	279	iPgd	13 52.60		0.1
			eSg	14 08.00		
SKO	1.16	106	iPn	13 53.00		-0.7
			iSn	14 11.50		
BRY	1.20	301	ePg	13 54.40		-0.2
			eSg	14 13.50		
OHR	1.34	151	iPn	13 57.00		0.1
			iSn	14 16.50		
VAY	2.19	115	iPn	14 09.70		0.7
BEO	2.56	8	eP	14 56.00		41.8X
KDZ	4.08	97	iP	14 50.00		14.1X
VOY	5.74	313	ePn	15 00.80		1.3
			eSn	16 09.00		
KBA	6.71	318	iP	15 15.50		2.2
			i	15 17.80		
S.D. = 1.0			on	13 of	15 obs.	

DEC 06, 1985 18h 01m 06.40± 0.64s
50.211 N ± 6.6km 12.406 E ± 6.7km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

HOF	0.35	287	ePg	01 13.80		0.1
MOX	0.67	311	iPg	01 19.70		0.0
			iSg	01 28.50		
WET	1.11	164	iPgd	01 27.30		0.0
CLL	1.16	19	iPg	01 27.90		-0.2
			iSg	01 43.30		
KHC	1.32	144	Pg	01 30.50		-0.3
			Sg	01 48.60		
PRU	1.39	98	ePg	01 32.30		0.5
			Sg	01 50.00		
S.D. = 0.4			on	6 of	6 obs.	

• DEC 06, 1985 18h 16m 54.69± 1.53s
41.669 N ±21.7km 19.512 E ±18.1km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.6 (TTG).

ULC	0.35	326	iPgd	17 01.50		-0.5
			eSg	17 06.70		
TTG	0.78	346	ePg	17 09.50		-0.4
			eSg	17 20.50		
BDV	0.80	321	ePg	17 10.50		0.3
			eSg	17 22.00		
HCY	1.08	316	ePg	17 15.50		0.4
			eSg	17 31.00		
OHR	1.12	119	iPn	17 14.80		-0.9
			iSn	17 21.20		
SKO	1.47	77	iPn	17 33.00		11.7X
VAY	2.32	98	ePn	17 34.60		1.0
S.D. = 0.9			on	6 of	7 obs.	

• DEC 06, 1985 18h 29m 47.59± 0.73s
50.221 N ± 7.1km 12.430 E ± 6.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.67	310	iPg	30 00.80		-0.2
			iSg	30 10.00		
GRFO	0.95	236	eP	30 05.80		0.2
CLL	1.15	18	iPg	30 09.10		0.0
			iSg	30 24.80		
KHC	1.32	145	Pg	30 11.80		-0.2
			Sg	30 29.50		
PRU	1.38	99	ePg	30 13.00		0.2
			eSg	30 31.00		
S.D. = 0.3			on	5 of	5 obs.	

? DEC 06, 1985 19h 41m 47.29± 6.93s
32.756 S ±16.9km 67.264 W ±90.9km
DEPTH = 10.0km (geophysicist)
MENDOZA PROVINCE, ARGENTINA (139)

RTCV	1.40	309	iPc	42 12.50		-0.4
			S	42 27.50		
CFA	1.41	324	e(P)	42 12.80		-0.3
			S	42 37.10		
ZON	1.70	315	iPc	42 18.40		1.2
			eS	42 36.00		
RTLL	1.75	324	iPc	42 21.00		3.1X
			S	42 42.10		
RTCB	1.82	314	ePd	42 18.30		-0.6
			S	42 37.10		
RFA	2.24	206	eP	42 25.10		0.0
			S	42 54.20		
S.D. = 1.0			on	5 of	6 obs.	

DEC 06, 1985 20h 03m 52.52± 0.68s
18.923 S ± 7.0km 69.815 W ± 9.1km
DEPTH = 142.1 ± 9.7 km
NORTHERN CHILE (123)

CNCB	2.73	40	iP	04 36.90		-0.4
LPB	2.89	35	iPd	04 39.40		0.3
	0.4s		144.07nm			
			S	05 13.00		
ARE	2.92	327	iPc	04 39.80		0.3
			iS	05 13.50		
ZOBO	3.09	32	eP	04 41.00		-0.9
	0.7s		60.90nm			
TPZ	4.61	124	iP	05 04.20		2.4
ANT	4.79	187	eP	05 03.50		-0.4
SLA	7.03	146	ePc	05 33.00		-1.4
HUA	8.66	321	eP	06 16.50		20.0X
NNA	9.66	315	eP	06 09.70		0.3
	0.7s		4.79nm			4.3mb X
			e	08 59.50		
ITB1	15.41	114	eP	07 23.40		-0.2
BDF	21.17	85	ePc	08 31.10		3.1X
VAO	21.71	105	eP	08 32.70		-0.6
SOB1	29.62	75	eP	09 46.90		0.2
ITR	32.06	76	eP	10 07.70		-0.3
KIC	68.83	75	eP	14 44.60		0.7
YKA	88.49	341	eP	16 35.10		5.6X
S.D. = 1.1			on	13 of	16 obs.	

DEC 06, 1985 20h 20m 14.58± 0.58s
50.218 N ± 5.6km 12.445 E ± 5.3km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.6 (FUR), 2.5 (GRF).

HOF	0.38	285	iPgd	20 22.10		-0.2
MOX	0.68	309	iPg	20 28.00		-0.1
			ISg	20 37.00		
GRF	0.95	237	iPgc	20 33.00		0.3
			eSg	20 45.30		
			e(Lg)	20 47.50		
WET	1.11	165	iPgd	20 35.60		0.2
CLL	1.15	18	iPg	20 36.20		0.1
			iSg	20 51.60		
KHC	1.31	145	Pg	20 38.50		-0.4
			Sg	20 56.40		
PRU	1.37	99	Pg	20 39.80		0.1
			Sg	20 57.00		
FUR	2.19	201	iPgc	20 58.10		6.5X
KSP	2.53	74	eP	21 01.50		5.1X
			iS	21 33.50		
S.D. = 0.3			on	7 of	9 obs.	

DEC 06, 1985 20h 59m 25.03± 0.21s
43.071 N ± 2.4km 141.050 E ± 2.4km
DEPTH = 161.9 ± 2.2 km
5.1mb (65 obs.)
HOKKAIDO, JAPAN REGION (224)
Felt at Ofunato, Honshu.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 20C
Centroid Location:
Origin Time 20:39:27.6 0.7
Lat 43.10N 0.07 Lon 140.86E 0.16
Dep 152.1 2.9 Half-duration 1.6
Moment Tensor; Scale 10**23 D-CM
Mrr= 1.87 0.50 Mtt=-0.87 0.72
Mff=-1.01 0.77 Mrt=-6.74 0.45
Mrf=-0.97 0.55 Mtf= 0.28 0.74
Principal Axes:

	Val=	Plg=	Azm=
T	7.48	50	170
N	-1.08	2	263
P	-6.40	40	355

Best Double Couple:Mo=6.9*10**23
NP1:Strike=104 Dip= 6 Slip= 112
NP2: 263 85 88

SAP	0.21	93	Pd	39 48.00		1.5
			S	40 03.20		
SUT	0.66	245	iPc	39 49.50		0.7
			S	40 06.60		
RMJ	0.98	26	iPc	39 51.30		0.3
			iS	40 10.20		
ASA	1.19	54	iPc	39 53.40		0.6
			iS	40 13.50		
HAK	1.28	190	iPd	39 54.50		0.9
			iS	40 17.20		
URA	1.57	125	iPd	39 57.30		0.8
			iS	40 22.20		
OBI	1.60	95	Pd	39 57.20		0.4
			S	40 20.90		
AOM	2.26	185	iPd	40 05.30		1.0
			iS	40 35.60		
WAK	2.39	11	iPc	40 07.80		2.0
			S	40 40.30		
KUS	2.45	91	iPd	40 05.50		-1.1
			S	40 36.10		
ABJ	2.53	67	eP	40 08.00		0.4
			S	40 40.80		
HAC	2.57	172	ePd	40 07.00		-1.0
			S	40 37.70		
MRK	3.37	178	Pd	40 18.10		0.0
			S	40 56.90		
AKI	3.42	192	eP	40 20.00		1.3
			eS	41 01.00		
MIY	3.49	168	eP	40 18.00		-1.6
			S	40 57.20		
OFU	4.04	173	eP	40 26.00		-0.7
			S	41 10.00		
ISN	4.65	178	eP	40 34.00		-0.7
			S	41 23.70		
SEN	4.81	181	eP	40 36.00		-0.8
			S	41 28.50		
FKS	5.33	185	eP	40 47.00		3.3X
			S	41 43.80		
MAT	6.88	199	iPd	41 04.70		0.2
	0.6s		143.33nm			5.5mb
			iS	42 21.10		
TSK	6.89	186	eP	41 01.20		-3.4X
DDR	7.21	192	eP	41 06.90		-2.1
SRY	7.58	191	eP	41 12.40		-1.4
OYM	7.77	191	eP	41 14.30		-2.1
KYS	7.89	185	eP	41 16.46		-1.6
MDJ	8.43	284	Pd	41 25.00		0.0
			S	43 01.00		
SHK	10.73	220	ePc	41 56.40		1.0
CN2	11.37	279	iPd	42 02.50		-1.2
			S	44 09.00		
SNY	12.97	270	eP	42 24.20		-0.1
			sP	43 07.00		
			S	44 31.00		
			PcP	47 38.00		
BJI	18.84	269	eP	43 33.00		-1.8
			eS	46 54.00		
TIA	19.62	258	eP	43 40.70		-2.2
SSE	19.79	239	e(P)	43 46.90		2.3
N	15s		0.60um			
			S	47 08.00		
			sS	47 26.00		

NJ2	20.69	245	Pc	43	52.20	-1.4	PNT	64.10	46	iPd	49	43.00	-0.6	GLA	77.34	57	eP	51	04.00	0.8
			S	47	28.00			0.7s	46.00nm			5.5mb		EKA	77.36	340	Pd	51	06.90	4.0X
HHC	21.99	274	eP	44	05.00	-1.6	NUR	64.53	331	iP	49	44.80	-1.3		0.7s	9.80nm				4.6mb
WHN	24.65	248	eP	44	33.00	1.0		0.5s	50.40nm			5.7mb		WET	77.54	328	iPd	51	04.50	0.5
			pP	45	08.50	179kmX	NEW	66.06	46	iP	49	56.70	0.5	GRF	77.72	329	iPd	51	05.90	0.9
XAN	26.56	261	P	44	48.60	-1.0		0.9s	32.90nm			5.2mb			0.8s	39.00nm				5.2mb
LZH	29.33	269	eP	45	14.00	-0.6	ASPA	66.73	187	eP	50	00.00	-0.5				epP	51	45.30	160kmX
GTA	31.00	277	P	45	28.50	-0.6	IR2	66.84	298	(P)	50	01.00	-0.4	KDZ	77.75	316	iPd	51	05.00	-0.2
			S	50	21.30		UPP	67.44	333	iP	50	04.60	0.1	HRI	77.91	304	eP	51	07.50	1.1
			ScP	51	48.60		SES	67.75	41	iPd	50	06.30	-0.5	CAN	78.35	173	eP	51	10.90	2.5
			ScS	55	44.30			0.8s	67.00nm			5.5mb		MMB	78.60	317	iPd	51	11.00	1.0
CD2	31.91	260	P	45	36.40	-0.6	WDC	67.75	55	eP	50	07.10	0.2	BHG	78.69	327	iPd	51	11.20	0.9
			ScS	55	48.90		GAS	68.22	56	P	50	10.80	0.8		0.8s	36.00nm				5.2mb
GYA	32.47	251	Pc	45	42.00	0.0	MIN	68.46	55	eP	50	10.90	-0.6	LHC	78.71	32	eP	51	09.50	-0.9
			sP	46	34.00		HFS	68.50	335	eP	50	10.10	-1.0	MEM	78.81	333	P	51	10.80	0.0
			S	50	42.00			0.7s	3.20nm			4.2mb		FUR	78.95	328	iPd	51	12.40	0.7
			ScS	55	51.00		NB2	68.53	336	P	50	10.40	-1.0	KBA	79.02	327	iPc	51	13.20	0.9
MAN	33.10	217	eP	45	47.50	0.1		0.6s	28.80nm			5.3mb			1.8s	112.00nm				5.3mb
KMI	36.05	253	Pc	46	13.00	0.4	FFC	68.81	34	iPd	50	13.00	-0.1				i	51	18.80	
WMQ	38.18	290	iPd	46	30.20	0.0		1.0s	77.00nm			5.5mb					i	51	52.60	
TTA	40.75	39	P	46	50.00	-1.1	DZM	68.91	155	iPd	50	15.20	1.1	WAM	79.21	174	eP	51	13.10	0.1
BRW	41.04	26	eP	46	52.60	-0.6	ORV	69.01	55	ePc	50	14.20	-0.5	JER	79.28	303	eP	51	13.50	-0.3
IMA	41.73	34	eP	46	58.00	-1.1	NOU	69.13	155	iPc	50	14.50	-0.9	VAY	79.38	318	iP	51	14.50	0.4
LSA	41.75	268	P	47	00.40	0.3	BRK	69.61	57	eP	50	18.30	0.0	SKO	79.43	319	iP	51	15.20	0.8
			S	53	06.50		BKS	69.62	57	ePd	50	18.80	0.4	SNF	79.47	334	P	51	14.50	0.1
CHG	42.85	249	iPc	47	10.00	1.4	PCC	69.77	57	eP	50	18.90	-0.4	DOU	79.72	333	Pc	51	15.60	-0.1
	1.0s	35.00nm				4.9mb	LRM	70.07	45	eP	50	21.40	0.1	TRI	79.96	326	iP	51	16.40	-0.7
CHTO	42.85	249	eP	47	10.00	1.4	WBN	70.14	194	iPc	50	22.70	1.2	CDF	80.23	331	eP	51	18.80	0.2
	0.8s	25.81nm				4.9mb		0.7s	52.00nm			5.4mb			0.7s	8.80nm				4.6mb
KDC	43.01	46	eP	47	09.00	-0.4	GCC	70.30	58	eP	50	22.40	-0.1	SLE	80.33	330	eP	51	19.10	0.0
SHL	43.55	263	iP	47	14.30	-0.1	MHC	70.33	57	eP	50	23.00	0.1	PRNI	80.39	303	eP	51	20.80	1.1
PMR	44.07	40	P	47	17.70	-0.3	AKU	70.38	351	eP	50	23.50	1.0	OHR	80.40	319	eP	51	19.40	-0.2
	0.8s	48.28nm				5.2mb		0.9s	30.25nm			5.1mb		SAX	80.45	329	eP	51	20.00	0.0
PME	44.11	40	eP	47	17.70	-0.6	JAS1	70.70	56	iPc	50	25.40	0.4	OSS	80.61	328	eP	51	21.20	0.5
	0.8s	51.30nm				5.2mb				i	50	30.90		LLS	80.90	329	eP	51	22.60	0.3
COL	44.24	35	iPc	47	19.10	-0.2	FRB	70.97	13	ePd	50	25.00	-1.1	BSF	80.90	331	eP	51	22.10	0.0
	0.8s	59.70nm				5.2mb	BMN	70.98	52	P	50	27.30	0.5		0.7s	5.20nm				4.4mb
FBA	44.24	35	eP	47	18.60	-0.7	HPI	71.13	47	P	50	28.00	0.2	HAU	80.91	331	eP	51	22.40	0.3
	0.8s	65.00nm				5.3mb	PRS	71.14	58	eP	50	27.60	0.0		0.7s	4.40nm				4.3mb
NST	44.27	245	eP	47	21.40	1.4	LLA	71.22	57	eP	50	28.10	0.0	ALO	80.93	50	eP	51	24.20	1.5
NNT	46.79	242	eP	47	40.20	0.2	PRI	71.70	58	eP	50	31.00	0.0		1.0s	12.50nm				4.6mb
KKN	47.10	270	iPd	47	43.00	0.4	FRI	71.73	56	eP	50	31.00	-0.1	VDL	81.03	328	eP	51	23.50	0.5
PKI	47.12	270	iPd	47	43.20	0.2	MNA	71.73	54	ePc	50	31.70	0.4	TMA	81.58	329	eP	51	25.50	-0.3
DMN	47.32	270	iPd	47	45.00	0.6	MUD	72.88	334	iP	50	37.70	0.3	MMK	81.97	329	eP	51	28.50	0.6
	0.8s	67.00nm				5.3mb		0.6s	23.00nm			5.1mb		DIX	82.15	329	eP	51	29.40	0.5
YAH	47.85	41	eP	47	48.50	0.5	CWC	73.09	56	eP	50	39.00	-0.2	EMS	82.34	330	eP	51	30.20	0.4
AAI	47.97	197	ePd	47	49.90	0.8	ISA	73.36	57	eP	50	40.00	-0.7	LOR	82.41	332	eP	51	29.60	-0.3
	0.9s	146.00nm				5.6mb	BDW	73.66	46	P	50	42.60	0.1		0.6s	12.90nm				4.9mb
INK	49.20	29	iPd	47	57.10	-0.9		0.8s	42.34nm			5.2mb		FLN	82.50	335	eP	51	29.90	-0.4
	0.3s	17.00nm				5.2mb	CLC	73.79	56	eP	50	43.00	-0.2	LBF	82.61	332	eP	51	30.60	-0.4
MBC	50.84	18	iPd	48	09.10	-1.3	KRA	73.97	325	iPd	50	44.00	0.1		0.6s	12.00nm				4.8mb
	1.0s	57.00nm				5.2mb		0.5s	49.00nm			5.5mb		GRC	82.65	333	iPd	51	30.20	-0.9
MKS	51.89	208	iPd	48	18.00	-0.9				i	50	45.00					i	52	12.30	
			e	48	40.00					i	50	47.10		SSF	82.71	332	eP	51	31.50	0.1
IPM	52.17	234	ePc	48	21.50	0.5	TLB	74.26	317	eP	50	45.00	-0.6		0.6s	5.40nm				4.5mb
NDI	52.49	276	iPd	48	22.50	-0.8	SBB	74.40	57	eP	50	40.00	-6.7X	LPG	82.89	330	eP	51	33.20	0.4
	0.7s	13.70nm				4.8mb	SPC	74.50	324	eP	50	47.90	0.7		0.6s	16.20nm				5.0mb
KGM	52.92	230	ePd	48	27.50	1.0	MWC	74.56	58	eP	50	48.00	0.2	GRR	82.95	336	eP	51	32.70	0.1
ALE	54.11	4	eP	48	33.00	-1.6	GSC	74.61	56	eP	50	48.00	0.0	SMF	82.95	332	eP	51	32.80	0.1
	1.6s	97.00nm				5.3mb	MLR	74.64	319	eP	50	48.50	0.5		0.8s	16.10nm				4.9mb
PSI	54.92	235	ePc	48	41.50	0.4	KSP	74.85	327	iPd	50	49.50	0.6	AVF	82.99	332	eP	51	33.00	0.1
	0.8s	33.70nm				5.2mb		0.7s	29.00nm			5.1mb			0.8s	30.80nm				5.2mb
HSP	55.49	347	P	48	43.70	-0.8	SDW	74.91	57	P	50	49.60	-0.1	LPF	83.32	335	eP	51	34.80	0.3
PPI	56.60	231	e(P)	48	54.00	0.9	RSON	75.03	32	P	50	49.00	-1.0		0.8s	30.60nm				5.2mb
KEV	57.73	338	iP	48	59.20	-1.2		0.8s	35.21nm			5.1mb		BGF	83.37	332	eP	51	33.90	-0.9
HYB	58.30	264	eP	49	04.50	-0.6	RVR	75.14	57	eP	50	51.00	0.1		0.8s	7.20nm				4.5mb
YKA	58.78	32	eP	49	07.40	-0.4	CMP	75.24	319	ePc	50	55.00	3.7X	MZF	83.76	332	eP	51	37.50	0.7
RSNT	58.79	32	P	49	07.00	-0.9	MRWA	75.53	202	iPd	50	53.40	0.5		0.6s	22.50nm				5.2mb
	0.8s	35.21nm				5.3mb	CLL	75.75	329	iPd	50	53.90	-0.1	TCF	83.82	333	eP	51	37.30	0.2
YKC	58.84	32	eP	49	07.00	-1.2		1.4s	50.00nm			5.1mb			0.6s	6.30nm				4.6mb
	0.3s	10.00nm				5.2mb				ipP	51	32.50	157kmX	LSF	84.08	333	eP	51	38.70	0.3
SOD	59.32	336	iP	49	09.70	-1.8	TPC	75.88	57	eP	50	55.00	-0.1		0.8s	21.40nm				5.0mb
KNA	59.61	194	eP	49	13.50	-0.3	PLM	75.88	58	eP	50	56.00	0.7	MFF	84.31	334	eP	51	40.00	0.5
DAG	59.75	355	iPc	49	12.50	-1.8	PRU	76.21	328	P	50	57.00	0.4		0.6s	11.50nm				4.9mb
	1.3s	101.92nm				5.5mb				e	51	00.00		CVF	84.54	327	eP	51	40.20	-0.6
TRO	59.94	340	eP	49	15.00	-0.6				e	51	37.00			0.6s	6.10nm				4.6mb
KJF	61.00	333	eP	49	13.00	-9.9X	SRO	76.38	324	iP	50	56.10	-1.4	FRF	84.58	329	eP	51	40.70	-0.2
	0.6s	46.90nm				5.5mb				e	51	37.50		LRG	84.78	329	eP	51	42.10	0.2
			i	49	22.60		MOX	76.80	330	eP	51	00.00	0.1		0.7s	24.20nm				5.1mb
POO	61.03	269	eP	49	23.00	-0.8				epP	51	39.00	158kmX	CDR	84.81	329	iPd	51	42.40	0.3
GBA	61.60	262	P	49	27.10	-0.4	SOP	77.22	325	iPd	51	03.20	1.0	LMR	84.82	329	eP	51	42.00	-0.1
SUF	62.50	332	iP	49	31.60	-1.3	YOU	77.27	174	eP	51	04.20	1.7		0.6s	19.80nm				5.1mb
	0.4s	36.40nm				5.6mb				e	51	45.20		QZO	84.85	46	iPd	51	41.40	-1.1
CTA	63.02	175	iPd	49	36.80	0.1	KHC	77.28	328	iPd	51	03.50	0.9	CAF	85.06	332	eP	51	44.40	1.1
	1.5s	69.44nm				5.3mb				e	51	06.90			0.6s	11.10nm				4.8mb
CTAO	63.02	175	eP	49	36.90	0.2				e	51	42.60		LFF	85.50	333	eP	51	46.60	1.1
	1.3s	26.81nm				5.0mb	DIM	77.33	316	eP	51	04.00	1.1		0.6s	16.20nm				5.0mb

06d 20h

LPO 85.57 333 eP 51 46.70 0.8
0.6s 15.10nm 5.0mb
TUL 85.87 43 iPd 51 48.30 0.8
0.7s 53.10nm 5.5mb
OTT 86.03 25 eP 51 48.00 -0.1
RLO 86.05 42 iPd 51 48.90 0.5
KRP 86.49 153 P 51 52.90 2.8X
MNT 86.57 24 eP 51 51.00 0.3
LTX 86.65 52 P 51 52.00 0.5
FVM 86.77 38 P 51 52.00 0.2
EPF 87.32 332 eP 51 54.10 -0.3
0.6s 8.10nm 4.8mb
BHO 87.55 43 ePd 51 56.30 0.7
JCT 87.98 49 iP 51 58.20 0.4
1.1s 12.66nm 4.8mb
MNG 88.92 155 P 52 02.90 1.2
BNG 109.90 297 ePKPd 57 55.40 16.6X
0.7s 3.00nm
ic 58 09.10
ZOBO 143.51 52 ePKP 58 40.10 -2.7X
LPB 143.74 52 ePKP 58 42.00 -1.0
CNCB 144.02 52 PKP 58 43.00 -0.6
ITR 145.82 359 ePKP 58 45.40 -0.7
e 59 27.60
SOB1 146.23 3 ePKP 58 47.70 0.9
e 58 55.90
TPZ 148.96 54 iPKP 58 58.10 6.7X
BDF 151.63 18 PKPd 59 01.90 6.7X
S.D. = 0.8 on 215 of 226 obs.

• DEC 06, 1985 22h 10m 13.15± 0.85s
50.486 N ± 7.0km 12.132 E ± 8.2km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.2 (GRF).

HOF 0.24 223 iPgd 10 18.20 0.0
MOX 0.37 296 ePg 10 21.00 0.3
eSg 10 26.50
GRF 0.99 217 iPg 10 31.40 -0.5
eSg 10 44.50
CLL 0.99 33 iPg 10 31.70 -0.3
iSg 10 45.40
WET 1.43 160 ePg 10 39.60 0.5
PRU 1.63 107 ePg 10 45.00 3.1X
eSg 11 03.00
S.D. = 0.6 on 5 of 6 obs.

DEC 06, 1985 22h 26m 25.57± 0.15s
1.636 S ± 3.3km 134.910 E ± 3.3km
DEPTH = 24.5km (12 depth phases)
5.8mb (36 obs.) 5.8Msz (6 obs.)
WEST IRIAN REGION (196)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 34C
Centroid Location:
Origin Time 22:26:30.7 0.4
Lat 1.36S 0.04 Lon 134.80E 0.03
Dep 15.0 BDY Half-duration 3.6
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.63 0.25 Mtt=-0.68 0.30
Mff= 1.31 0.38 Mrt= 1.06 0.75
Mrf=-5.79 0.81 Mtf= 9.86 0.24
Principal Axes:
T Val= 11.39 Plg=18 Azm=128
N 0.28 59 5
P -11.88 24 226
Best Double Couple:Mo=1.2*10**25
NP1:Strike=266 Dip=60 Slip= -5
NP2: 358 86 -150

TLE 4.52 208 ePd 27 35.90 1.6
IS 27 44.40
JAY 5.86 99 ePd 27 50.70 -2.4
0.6s 681.20nm 6.5mb
eS 29 00.30
AAI 7.01 253 ePc 28 09.00 -0.4
e(S) 29 29.60
WEW 8.91 103 eP 28 24.00 -11.9X
MDG 11.43 109 eP 29 09.00 -1.4
DAV 12.72 313 eP 29 29.00 1.2
KUPT 14.06 233 eP 29 44.50 -1.0
1.0s 221.90nm 5.8mb
eS 32 13.50
PMG 14.42 123 eP 29 47.00 -3.2X
LMG 15.03 119 eP 29 57.00 -1.3

KNA 15.28 203 eP 29 59.00 -2.4
0.6s 384.00nm 5.9mb
MKS 15.82 257 iPc 30 12.00 3.6X
1.2s 1438.90nm 6.0mb
KVG 15.90 94 eP 30 08.00 -1.5
BIAL 16.52 103 eP 30 15.00 -2.4
RAB 17.42 99 eP 30 28.00 -0.8
iS 34 02.00
ALOA 17.61 120 e(P) 30 26.00 -5.1X
GUA 18.05 33 e(P) 30 32.50 -4.0X
1.1s 465.82nm 5.5mb
WB2 18.20 182 eP 30 36.30 -2.2
iS 33 50.00
ISO 19.50 167 eP 30 54.00 -0.1
PPR 19.70 305 ePc 30 57.00 0.7
KKM 20.17 292 ePd 31 01.80 0.5
0.9s 160.40nm 5.4mb
e 31 17.50 76kmX
PGP 20.44 318 eP 31 03.00 -1.0
BGA 20.71 103 iPd 31 05.80 -1.2
eS 31 24.00
PAA 21.04 103 eP 31 09.00 -1.3
QCP 21.19 320 eP 31 06.00 -5.7X
MAN 21.21 320 iPd 31 12.00 0.1
CTA 21.43 150 iPc 31 13.80 -0.4
1.2s 212.50nm 5.4mb
iS 35 05.00
ASPA 21.92 182 iPd 31 19.10 0.0
1.0s 365.00nm 5.8mb
eS 35 13.00
BAG 22.84 322 iPc+ 31 28.00 -0.4
iS 35 36.00
SZP 23.80 324 iPd 31 38.00 0.5
PIP 24.32 325 iPc 31 41.00 -1.5
WBN 25.65 198 eP 31 55.50 0.3
0.7s 130.00nm 5.7mb
VSG 25.81 108 eP 31 56.00 -0.8
HNR 26.08 108 eP 31 59.00 -0.3
NAU 28.07 221 eP 32 16.50 -0.8
RMQ 28.07 153 eP 32 18.00 0.7
STK 30.74 169 eP 32 41.00 -0.1
0.5s 63.00nm 5.7mb
QZH 30.80 330 eP 32 38.00 -3.7X
BRS 30.81 148 P 32 40.50 -1.3
i 34 25.00
iS 37 46.50
HKC 31.24 321 eP 32 51.00 5.4X
ePP 33 55.00
eS 38 11.00
CMS 31.43 162 eP 32 47.00 -0.3
KLG 31.67 202 eP 32 49.00 -0.4
KGM 31.79 276 eP 32 51.00 0.3
QIZ 32.07 311 P 32 52.20 -0.8
PP 33 57.00
MRWA 32.82 212 eP 32 58.00 -1.4
COO 32.98 152 eP 33 00.00 -0.9
ADE 33.35 174 iPd 33 04.30 0.3
1.0s 166.00nm 5.9mb
BAL 33.58 209 eP 33 05.50 -0.6
0.5s 22.00nm 5.3mb
KLB 33.91 207 eP 33 09.00 0.1
IPM 34.42 280 ePd 33 13.00 -0.5
0.9s 60.10nm 5.5mb
e 33 30.10 70kmX
PPI 34.53 272 iPc 33 14.50 0.1
0.8s 384.10nm 6.4mb
YOU 34.83 160 iPc 33 18.00 1.2
ipP 33 27.60 33km
MUN 34.96 208 eP 33 17.00 -0.9
SSE 35.07 339 P- 33 18.00 -0.8
6.0s 1.80nm 3.2mb X
Z 24s 18.40um 5.7MszX
N 14s 5.40um
E 16s 20.20um
PP 34 26.00
ePPP 34 39.00
S 38 24.00
eS 38 47.00
SS 40 28.00
NWAO 35.28 206 eP 33 21.00 0.4
SNG 35.32 285 eP 33 21.50 0.3
eS 39 16.00
RIV 35.45 156 eP 33 18.00 -4.1X
eS 39 00.00
CAN 35.99 160 iPc 33 27.00 0.4
ipP 33 35.10 27km
BFO 36.06 170 eP 33 28.00 0.8

PSI 36.23 277 iPd 33 28.70 -0.2
0.8s 191.70nm 6.1mb
RKG 36.35 205 eP 33 34.70 5.1X
0.7s 31.00nm 5.3mb
PVC 36.50 118 iPc 33 32.00 0.9
TSI 36.69 278 e(P) 33 33.00 0.3
WAM 36.74 161 eP 33 33.40 0.5
ipP 33 40.10 22km
DZM 36.78 126 iPc 33 32.40 -1.2
NJ2 36.80 337 Pc 33 31.80 -1.6
PP 34 58.00
NOU 36.91 126 iPc 33 33.00 -1.5
TOO 37.06 166 eP 33 37.00 1.3
WHN 37.52 330 P 33 40.70 1.2
pP 33 46.00 18km
PP 35 11.00
iS 39 29.00
NNT 37.67 293 eP 33 40.00 -1.0
MAT 38.11 4 eP 33 44.00 -0.4
1.4s 58.14nm 5.2mb
Z 20s 8.51um 5.6Msz
eS 39 26.00
NST 38.44 298 eP 33 47.50 0.1
GYA 39.03 318 Pd 33 53.20 0.8
PP 35 19.00
KHT 39.47 296 eP 33 57.00 0.9
BDT 40.06 299 eP 34 01.10 0.2
CHG 40.78 302 iPd 34 07.00 0.2
1.0s 15.00nm 4.7mb X
eS 40 20.00
CHTO 40.78 302 eP 34 07.10 0.3
0.8s 9.52nm 4.6mb X
TIA 41.14 338 eP 34 09.50 0.0
ePP 35 38.00
eS 40 21.50
DL2 42.16 345 Pc 34 23.00 5.2X
S 40 36.00
TAU 42.57 167 eP 34 22.00 0.9
i 34 30.00 27km
eS 40 44.00
XAN 43.09 328 Pc 34 25.00 -0.6
PP 36 10.00
CD2 43.88 320 iPc 34 32.30 0.2
pP 34 37.90 19km
TIY 44.34 334 eP 34 35.60 -0.1
PP 37 25.50
iS 41 08.50
SNY 44.47 348 eP 34 35.80 -0.7
PP 36 23.00
S 41 10.00
NDF 44.73 114 iPc 34 41.10 2.1
BJI 44.88 340 eP 34 39.50 -0.4
Z 20s 6.90um 5.6Msz
N 20s 4.20um
E 20s 8.80um
eS 41 17.00
eSS 44 36.00
SGE 45.12 113 iPc 34 43.90 1.6
CN2 46.02 350 eP 34 46.80 -2.1
pP 34 53.00 21km
PP 36 35.00
eS 41 26.00
MDJ 46.29 355 Pc 34 50.20 -0.8
pP 34 58.60 26km
sP 35 01.50
S 41 39.00
HHC 47.33 336 P 34 59.40 -0.1
pP 35 05.00 19km
PP 36 52.00
LZH 47.40 325 eP 35 00.50 0.4
5.0s 3695.00nm 6.7mb X
N 13s 1.90um
eS 41 17.00
BTO 47.77 334 Pd 35 03.00 0.0
pP 35 08.50 18km
PP 36 54.00
S 41 58.00
CRZ 48.00 137 eP 35 05.00 0.3
SHL 49.62 306 iP 35 16.90 -0.7
iS 42 24.00
MSZ 51.83 150 P 35 34.50 0.7
KRP 51.88 139 P 35 35.00 0.7
GTA 52.00 326 iPc 35 35.20 -0.2
PP 37 36.00
iS 42 59.10
LSA 52.11 310 Pd 35 36.50 -0.3
PP 37 41.00

TCW	53.01	143	P	35	42.10	-0.6				e	44	33.00						eSg	36	00.30		
WEL	53.35	143	P	35	44.00	-1.2	LSZ	105.67	254	iPKP	44	46.50	-3.2X	BCK	1.52	70	iPn	35	59.80	2.8
Z	20s	7.09um			5.7Msz		EUR	105.74	49	iPdiff	40	43.70	7.4X	IZM	1.90	320	iPn	36	02.30	-0.2
N	18s	12.37um						0.5s	1.99nm			5.4mb		PRK	3.04	320	eP	36	19.00	0.2
E	20s	9.93um					EUR	105.74	49	iPKP	44	54.60	5.3X	EZN	3.47	327	iPn	36	23.80	-1.1
		pP	35	53.60	32km			1.2s	10.23nm			5.3mb		EDC	3.48	348	iPn	36	24.30	-0.7
MNG	53.39	142	P	35	44.00	-1.5	GSC	105.83	54	ePdiff	40	46.00	9.4X	HRT	3.93	10	iPn	36	31.30	-0.2
GNZ	53.91	139	eP	35	48.30	-1.0	LWI	106.03	267	ePKP-	44	47.00	-3.5X	ISK	4.12	3	iPn	36	33.80	-0.3
PKI	55.72	305	IPc	36	02.60	-0.6	HFS	106.49	333	ePdiff	40	37.10	-1.6	CSS	4.17	117	eP	36	36.80	1.9
	0.8s	32.00nm			5.4mb			0.5s	1.70nm			5.3mb		ATH	4.18	286	eP	36	36.00	1.1
KKN	55.91	305	IPc	36	04.00	-0.4	TPC	106.64	55	ePdiff	40	49.00	8.8X				eS	37	29.00	
DMN	55.98	305	IPc	36	04.80	-0.2				e	45	04.00		DMK	4.94	351	iPn	36	44.60	-1.1
KOD	58.37	283	eP	36	21.00	-1.1	GLA	107.83	56	ePdiff	40	49.00	3.6X	KDZ	5.40	331	iPd	36	51.00	-1.3
		eS	44	22.00			SRD	108.82	320	ePKP	45	14.00	19.5X	DIM	5.67	335	iPc	36	55.00	-1.1
HYB	58.65	291	eP	36	22.50	-1.2	BDW	109.65	45	PKP	44	52.60	-4.0X	JMB	5.77	343	eP	36	56.00	-1.5
	1.0s	40.00nm			5.5mb		KHC	111.27	323	PKPd	45	02.10	2.9X	MMB	6.08	321	iPc	37	01.00	-0.9
GBA	58.94	287	P	36	24.70	-1.0				e	45	43.00		BHL	6.36	116	Pn	37	05.00	-1.0
WMO	61.84	323	P	36	45.00	-0.2				e	46	10.50					Sn	38	15.00	
		pP	36	55.00	33km					e	46	48.80		KZN	6.45	304	eP	37	08.50	1.3
		S	45	10.00			ALQ	114.18	52	PKP	45	00.00	-5.5X	VAY	6.52	314	iPn	37	08.00	-0.1
NDI	62.88	303	iPd	36	51.00	-1.3	Z	20s	3.98um			6.0Msz		ADI	6.53	124	iP	37	07.60	-0.7
POO	63.26	292	iPc	36	54.40	-0.6	BCAO	116.42	274	e(PKP)	45	06.30	-3.8X				iS	38	19.00	
		iS	45	23.00			LTX	117.96	58	PKP	45	14.80	2.1X	VLS	6.64	283	eP	37	15.50	5.7X
BOM	64.29	292	eP	36	56.20	-5.5X	JCT	120.85	55	ePKP	45	17.00	-1.1	PVL	6.79	337	iPc	37	10.00	-1.9
		eS	45	12.20				1.0s	15.00nm					HLW	7.38	163	eP	37	22.00	1.9
DRV	65.00	178	eP	37	11.50	6.1X	TUL	122.04	48	e(PKP)	45	20.70	0.6				iS	38	43.00	
ADK	67.10	30	P	37	20.00	0.9		0.8s	9.60nm					JER	7.39	132	iPd	37	17.50	-2.8
	1.3s	169.81nm			6.0mb		Z	19s	5.11um			6.2Msz					eS	38	39.00	
KSH	67.58	314	P	37	27.00	4.4X	RLD	122.50	47	ePKP	45	12.70	-8.3X	OHR	7.49	306	ePn	37	22.50	0.7
AFR	75.50	108	eP	38	12.00	1.8	BHO	123.35	49	e(PKP)	45	33.20	10.5X	MOI	7.50	132	iP	37	21.00	-0.9
	1.6s	175.00nm			5.8mb		IFR	130.97	315	iPKP	45	41.00	3.4X				iS	38	43.50	
PPT	75.70	108	eP	38	13.00	1.7	ANT	144.77	137	iPKP	46	04.00	1.2	SKO	7.59	314	ePn	37	22.70	-0.4
	1.6s	305.00nm			6.1mb		UPA	144.96	77	ePKPd+	46	02.10	-1.3	TLB	7.66	356	ePd	37	23.00	-1.0
PAE	75.70	108	eP	38	13.00	1.7				i	46	10.30		PRNI	8.36	140	iP	37	32.00	-2.0
	1.6s	190.00nm			5.9mb		NNA	145.67	114	iPKP	46	05.00	0.3				iS	39	04.50	
PPN	75.83	108	eP	38	14.00	1.9		1.0s	25.00nm					CMP	8.79	342	ePc	37	41.00	1.2
	1.6s	205.00nm			5.9mb		HUA	147.04	115	ePKP	46	09.50	2.1X	MLR	8.81	347	eP	37	40.00	-0.1
TVO	76.02	108	eP	38	15.00	1.8	SLA	147.16	144	ePKPd	46	08.20	1.2	VRI	9.05	351	ePd	37	42.50	-0.9
	1.6s	240.00nm			6.0mb		PSO	147.77	90	ePKP	46	09.50	0.9	CVO	9.09	348	ePc	37	43.50	-0.4
TBI	76.16	114	eP	38	28.00	14.2X	ARE	148.33	126	ePKP	46	12.00	2.8X	SPC	13.73	336	eP	38	50.00	3.1X
	1.6s	290.00nm					CHN	149.35	83	ePKP	46	12.00	1.2	VOY	14.38	314	e(P)	38	58.00	2.6
PMO	77.21	105	eP	38	21.00	1.2	TPZ	149.44	140	ePKPd	46	15.00	4.0X				e	39	04.40	
	1.6s	215.00nm			5.9mb					i	46	30.10		KRA	14.58	337	eP	39	06.00	8.1X
VAH	77.47	105	eP	38	23.00	1.8	CNC8	150.91	130	PKP	46	17.00	3.5X	KBA	15.29	316	ePd	39	13.00	5.6X
	1.6s	100.00nm			5.6mb					i	46	20.80			1.2s	41.70nm			4.7mb	
TPT	77.47	105	eP	38	23.00	1.7	BOG	150.92	83	ePKP	46	27.50	14.1X				i	39	16.50	
	1.6s	205.00nm			5.9mb		LPB	150.99	129	ePKP	46	16.00	2.6X				e	45	10.00	
RUV	77.71	105	eP	38	24.00	1.5	Z	20s	1.42um			5.8Msz		KHC	16.46	322	P	39	26.00	3.7X
	1.6s	150.00nm			5.8mb					i	46	21.10			1.4s	51.00nm			4.5mb	
SBA	78.02	173	iP	38	26.10	2.9X				SS	10	05.00		Z	20s	1.60um				
	2.0s	341.18nm			6.0mb					LR	37	22.00		N	20s	1.80um				
		(S)	48	22.00			ZOBO	151.12	129	ePKP	46	15.30	1.5	E	20s	1.50um				
TTA	82.06	26	P	38	47.00	1.9		1.4s	188.77nm					PRU	16.61	326	eP	39	27.50	3.4X
KDC	82.16	31	P	38	48.00	2.5	Z	25s	2.35um			5.9MszX		Z	20s	2.30um				
IMA	84.03	23	eP	38	56.00	0.8				i	46	21.20		N	20s	2.60um				
BRW	84.71	18	eP	39	00.10	1.7				LR	36	16.00		E	21s	1.80um				
PMR	84.77	28	P	38	59.00	0.2	FUO	151.16	82	ePKP	46	13.00	-0.7	GRF	18.00	321	eP	39	44.00	2.5
	1.0s	57.50nm			5.8mb		BMG	151.59	78	ePKP	46	20.00	5.9X	FRF	18.13	298	eP	39	45.90	2.7
PME	84.83	28	eP	38	56.80	-2.3	ITB7	151.98	162	e(PKP)	46	19.00	4.8X		0.8s	8.00nm			3.9mb	
	0.9s	43.70nm			5.7mb		ITB	152.28	162	e(PKP)	46	23.60	9.0X	CLL	18.24	327	iP	39	45.40	0.9
IR2	86.08	306	eP	39	07.00	0.9	ITB1	152.36	162	e(PKP)	46	23.60	8.9X		2.0s	52.00nm			4.3mb	
COL	86.09	25	eP	39	05.00	-0.4	SDV	153.58	73	e(PKP)	46	23.10	6.1X	LRG	18.31	298	eP	39	45.90	0.5
		eS	49	46.00			SJG	153.63	50	e(PKP)	46	19.00	2.3X		0.8s	8.00nm			3.9mb	
FBA	86.09	25	P	39	04.00	-1.4	VAO	155.44	176	ePKP	46	19.00	-0.1	MOX	18.42	323	eP	39	49.00	2.3
AVY	86.81	251	ePd	39	08.60	-1.4				e	46	46.40			1.0s	26.00nm			4.4mb	
YAH	88.11	30	eP	39	16.00	0.5	BDF	162.59	171	e(PKP)	46	29.50	2.1X	LPG	18.62	304	eP	39	50.30	0.8
SPA	88.37	180	P	39	18.00	1.4	ITR	167.72	213	ePKP	46	28.40	-3.3X		0.8s	26.80nm			4.5mb	
	1.0s	56.00nm			5.8mb					e	46	40.70		CDF	19.47	313	eP	39	59.60	0.0
KER	89.10	304	eP	39	16.00	-4.7X				e	46	49.40			1.1s	39.00nm			4.6mb	
RKT	89.47	113	eP	39	38.00	15.5X				e	47	38.50		BSF	19.49	311	eP	39	59.50	-0.4
	1.2s	75.00nm								e	48	08.70			1.1s	14.60nm			4.2mb	
SYO	90.43	201	eP	39	27.00	1.0	SOB1	168.44	201	ePKP	46	33.90	1.7	HAU	19.84	311	eP	40	02.60	-1.0
BHD	91.33	303	eP	39	41.00	10.2X				e	46	42.10			1.1s	34.10nm			4.6mb	
		iS	50	14.00						e	46	44.90		WLF	20.72	315	Pc	40	12.30	-0.4
INK	92.09	22	eP	39	34.00	0.3	CAI	168.65	224	e(PKP)	46	34.00	1.7	SMF	20.91	305	eP	40	13.70	-1.0
MSL	92.38	306	eP	39	37.00	1.3	ATB	171.35	124	e(PKP)	46	34.00	0.2	LBF	20.93	306	eP	40	14.00	-1.0
		eS	50	18.00				S.D. = 1.1		on 143 of 195 obs.					0.9s	16.30nm			4.4mb	
MBC	95.30	13	eP	39	48.00	-0.3								SHI	21.09	103	eP	40	13.00	-3.9X
KEV	97.67	340	eP	40	07.00	7.8X		DEC 06, 1985 22h 35m 29.63± 0.57s						LOR	21.10	307	eP	40	16.10	-0.6
		e	51	24.00				36.944 N ± 4.5km 28.803 E ± 4.2km							0.9s	21.20nm			4.5mb	
		e	58	16.00				DEPTH = 8.8 ± 3.5 km						SSF	21.26	306	eP	40	17.90	-0.4
SOD	98.48	338	iP	40	02.70	-0.1		4.6mb (31 obs.) 4.5Msz (1 obs.)							0.9s	31.70nm			4.7mb	
YKA	100.81	26	ePdiff	40	16.00	2.6X		DODECANESE ISLANDS					(369)	AVF	21.27	306	eP	40	18.10	-0.3
KRI	104.14	252	ePdiff	40	31.20	1.7		Minor damage at Mugla, Turkey.							1.1s	29.30nm			4.6mb	
BUL	104.71	249	iPdiff	40	33.80	1.9								MEM	21.28	317	Pc	40	18.80	0.4
	0.5s	4.23nm			5.6mb		YER	0.46	295	iPg	35	38.50	-0.4	BGF	21.53	305	eP	40	21.40	0.4
CLC	105.11	53	ePdiff	40	42.00	8.7X	ELL	0.91	102	iPg	35	49.30	2.1		0.8s	17.40nm			4.5mb	

06d 22h

GRC	21.62	307	iPc	40	20.80	-1.0
DOU	21.81	315	Pc	40	23.40	-0.4
	1.0s	50.00nm			4.9mb	
TCF	21.88	304	eP	40	24.20	-0.3
	0.9s	8.10nm			4.1mb	
UCC	22.28	316	P	40	30.00	1.6
LSF	22.32	303	eP	40	28.60	-0.4
MFF	23.53	303	eP	40	38.80	-2.0
	0.8s	6.40nm			4.2mb	
MUD	23.56	332	iPd	40	42.40	1.5
	0.8s	26.00nm			4.8mb	
NUR	23.73	355	iP	40	44.00	1.4
	0.8s	41.10nm			5.1mb	
Z	20s	1.60um			4.5Msz	
		e	51	04.00		
		e	53	40.00		
		e	59	12.00		
		LR	27	10.00		
SUF	25.85	357	iP	41	03.40	0.6
	0.8s	20.40nm			4.9mb	
NB2	26.56	341	P	41	08.60	-0.8
	0.7s	3.30nm			4.1mb	
KJF	27.30	359	iP	41	16.00	-0.1
	0.8s	23.50nm			5.0mb	
		e	51	40.00		
		e	58	32.00		
SOD	30.50	358	iP	41	45.00	0.2
BNG	33.78	199	iPc	42	12.90	-0.4
	0.8s	16.00nm			5.0mb	
		ic	42	29.20		
		id	45	11.70		
BCAO	33.70	199	eP	42	12.90	-0.4
	0.9s	8.53nm			4.7mb	
KIC	43.15	233	eP	43	32.70	0.3
HYB	47.76	100	eP	44	08.70	-0.5
GBA	49.10	105	P	44	19.50	0.0
MBC	65.28	352	eP	46	12.50	-0.9
	0.7s	11.00nm			5.2mb	
BRW	71.98	2	eP	46	56.00	1.1
INK	74.23	353	ePd	47	07.60	-0.6
YKA	76.62	343	eP	47	21.70	-0.2
RSNT	76.63	343	P	47	21.30	-0.6
IMA	77.30	1	eP	47	26.40	0.7
COL	78.45	359	eP	47	32.00	0.1
	0.8s	7.84nm			4.8mb	
FBA	78.45	359	eP	47	32.60	0.7
	1.0s	8.70nm			4.8mb	
RSON	79.05	327	P	47	34.10	-1.4
	0.9s	6.30nm			4.6mb	
PME	81.76	359	eP	47	50.10	0.5
	1.0s	10.00nm			4.8mb	
PMR	81.80	359	P	47	50.60	0.8
	1.0s	12.50nm			4.9mb	
SVW	82.23	2	eP	47	52.50	0.3
YAH	82.73	355	eP	47	50.00	-5.1X
EDM	84.39	338	eP	48	03.00	-0.4
S.D. = 1.2 on 80 of 88 obs.						

* DEC 06, 1985 23h 02m 56.51± 1.45s
19.030 S ±16.3km 69.601 W ±15.7km
DEPTH = 139.7 ± 37.1 km
NORTHERN CHILE (123)

CNCB	2.69	35	iP	03	40.20	-0.5
			iS	04	15.00	
LPB	2.87	30	iP	03	43.80	1.0
	0.8s	119.40nm				
ZOBO	3.09	27	eP	03	45.20	-0.6
	0.3s	25.96nm				
ARE	3.12	325	iP	03	46.00	0.0
			iS	04	27.00	
TPZ	4.38	124	iPc	04	02.70	0.0
ITB1	15.19	114	e(P)	06	24.90	0.0
S.D. = 0.9 on 6 of 6 obs.						

DEC 07, 1985 00h 06m 54.62± 1.61s
2.008 S ± 7.8km 80.868 W ±10.1km
DEPTH = 44.9 ± 13.9 km
5.0mb (15 obs.)
NEAR COAST OF ECUADOR (105)

PSO	4.76	48	eP	08	07.50	1.4
CHN	8.69	37	eP	09	12.00	11.1X
BOG	9.46	46	eP	09	28.00	16.3X
HUA	11.38	151	eP	09	37.80	-0.2
			eS	12	10.00	
SDV	14.87	43	eP	10	31.90	8.0X
ARE	17.07	148	e(P)	10	30.00	-22.1X
CAR	18.63	48	e(P)	11	16.10	4.9X
ZOBO	18.93	139	eP	11	15.20	-0.1
	0.7s	14.81nm			4.3mb	
Z	19s	6.53um				
		LR	18	00.00		
LPB	19.14	140	eP	11	17.00	-0.6
	1.2s	56.25nm			4.7mb	
Z	16s	6.40um				
		LR	19	00.00		
CNCB	19.42	140	P	11	22.00	1.1
TPZ	24.33	144	eP	12	14.00	4.1X
SJG	24.69	35	eP	12	12.00	-1.1
SLA	27.03	148	e(P)	12	38.40	3.5X
ATB	28.64	93	e(P)	12	47.00	-2.4
BDF	35.21	115	e(P)	13	46.20	-0.8
JCT	37.01	332	eP	14	03.80	1.9
	1.1s	12.66nm			4.7mb	
BHO	38.51	341	e(P)	14	13.00	-1.5
RLO	40.21	342	e(P)	14	29.80	1.2
TUL	40.22	341	e(P)	14	27.50	-1.1
	1.3s	42.30nm			5.1mb	
SOB1	40.39	102	eP	14	30.20	-0.1
ITR	42.76	101	eP	14	49.00	-0.8
ALQ	43.89	329	eP	14	59.00	0.1
EUR	52.36	326	iP	16	06.20	1.4
	0.2s	6.98nm			5.3mb	
SES	58.25	338	eP	16	44.00	-2.9
NEW	59.16	333	eP	16	54.00	0.7
PNT	61.07	332	eP	17	06.00	-0.3
	0.8s	16.00nm			5.2mb	
EDM	61.37	338	ePc	17	06.50	-1.8
YKA	69.20	344	eP	17	57.50	-1.0
KIC	76.45	83	eP	18	42.00	-0.1
INK	78.87	342	eP	18	54.00	-0.3
MBC	81.17	351	eP	19	06.00	-0.5
GRR	84.86	41	eP	19	26.70	0.8
EPF	84.93	47	eP	19	27.00	0.5
	0.9s	16.30nm			5.2mb	
MFF	85.07	43	eP	19	27.30	0.3
	0.8s	13.40nm			5.2mb	
FLN	85.16	41	eP	19	27.60	0.2
LFF	85.46	45	eP	19	29.30	0.3
	0.9s	11.10nm			5.0mb	
LPO	85.75	45	eP	19	31.60	1.2
	0.9s	9.80nm			5.0mb	
DAG	85.76	12	eP	19	28.00	-1.9
RJF	86.05	45	eP	19	32.10	0.1
	0.9s	7.80nm			4.9mb	
TCF	86.65	44	eP	19	35.70	0.8
MZF	86.90	44	eP	19	37.10	1.0
	0.8s	2.60nm			4.5mb	
BGF	87.12	43	eP	19	37.30	0.2
SPA	88.01	180	iPd	19	41.60	0.4
	0.7s	3.91nm			4.8mb	
CDR	88.93	46	eP	19	46.50	0.6
LRG	89.35	47	eP	19	47.90	0.1
LMR	89.45	47	eP	19	47.90	-0.4
	0.8s	13.40nm			5.3mb	
FRF	89.56	47	eP	19	49.60	0.7
	0.8s	5.30nm			4.9mb	
KKN	151.14	26	ePKP	26	40.20	0.8
DMN	151.22	27	ePKP	26	40.80	1.2
PKI	151.39	26	ePKP	26	40.50	0.6
S.D. = 1.1 on 43 of 50 obs.						

& DEC 07, 1985 00h 23m 02.24s
60.565 N 152.836 W
DEPTH = 141.0km
SOUTHERN ALASKA (2)
<AGS-P>.

RDT	0.21	87	iP	23	21.14	1.0
			iS	23	35.92	
ILM	0.38	179	iP	23	21.46	0.8
			iS	23	37.75	
SPU	0.73	31	iP	23	23.41	-0.9
CRP	0.78	25	iP	23	24.21	-0.6
NKA	0.81	77	eP	23	26.05	1.3
COLM	0.85	28	iP	23	24.45	-0.8
NNL	0.93	124	iP	23	28.34	0.5
			iS	23	45.34	
SLKM	1.29	91	eP	23	28.24	-1.1
SUA	1.36	48	eP	23	29.56	-0.5
			iS	23	50.56	
SKT	1.55	23	iP	23	31.26	-0.8
MFA	1.72	91	iP	23	32.74	-1.2
PMS	1.74	65	eP	23	33.19	-1.0
			iS	23	57.59	
PTE	1.90	79	eP	23	34.94	-1.0
GHO	2.25	56	eP	23	39.25	-1.1
			iS	24	07.30	
KNK	2.30	66	eP	23	39.27	-1.6
SML	2.51	58	iP	23	42.60	-1.0
KNIM	2.54	93	eP	23	41.45	-2.4
LOU	2.57	90	eP	23	41.93	-2.4
			iS	24	13.54	
MTU	2.65	100	eP	23	44.18	-1.1
VZW	3.12	78	eP	23	50.99	-0.4
			eS	24	27.59	
FID	3.14	84	eP	23	50.32	-1.3
			iS	24	27.10	
VLZ	3.23	77	eP	23	52.36	-0.4
			eS	24	30.13	
KLU	3.49	72	eP	23	54.57	-1.8
TOA	3.56	61	eP	23	57.36	0.1
24 obs. associated						

? DEC 07, 1985 01h 14m 36.49± 2.94s
17.939 S ±19.7km 177.995 W ±23.5km
DEPTH = 629.0 ± 34.0 km
5.1mb (5 obs.)
FIJI ISLANDS REGION (181)

DZM	15.19	252	iPc	17	45.90	-0.1
NOU	15.24	251	iPc	17	45.50	-0.9
KRP	20.70	195	P	18	37.30	0.4
CTA	33.83	261	iPd	20	30.40	-0.2
	0.7s	27.74nm			5.0mb	
CTAO	33.83	261	eP	20	31.10	0.5
	0.8s	38.37nm			5.1mb	
CAN	34.00	233	iPd	20	32.50	0.6
YOU	34.10	235	eP	20	30.00	-2.8
WAM	34.42	231	iPd	20	36.30	1.0
PMG	34.86	279	eP	20	40.50	1.4
CMS	35.35	241	iPd	20	43.50	0.5
	0.6s	45.00nm			5.2mb	
TOO	37.46	231	eP	21	01.00	0.8
STK	38.96	241	eP	21	13.00	0.5
ASPA	45.16	254	iPd	22	01.00	-0.2
	1.1s	98.00nm			5.2mb	
KNA	50.86	264	eP	22	43.00	-0.7
KLB	59.16	244	eP	23	40.00	-1.0
	0.5s	22.00nm			4.6mb	
NAU	62.12	254	iPc	24	00.60	0.3
COL	85.75	12	e(P)	26	11.00	-0.3
S.D. = 1.1 on 17 of 17 obs.						

DEC 07, 1985 01h 51m 55.40± 0.48s
74.028 N ± 7.3km 9.493 E ±10.6km
DEPTH = 10.0km (geophysicist)
4.6mb (8 obs.)
GREENLAND SEA (640)

HSP	3.36	24	eP	52	42.00	-7.0X
			e	52	52.00	
			e	53	20.00	
			eS	56	06.00	
KBS	4.95	5	eP	53	11.00	-0.4
TRO	5.31	142	eP	53	17.20	0.7
KEV	6.92	120	eP	53	40.00	0.8
DAG	7.59	304	iPd	53	43.90	-4.6X
	0.5s	2.11nm			4.6mb	
SOD	8.72	131	eP	54	02.00	-2.4
KJF	11.73	138	iP	54	44.50	-1.1
	0.8s	32.30nm			5.7mb X	
			i	54	49.00	
SUF	12.83	143	eP	54	59.00	-1.3
NB2	13.07	176	P	55	01.80	-1.7
	1.0s	4.80nm			4.6mb	
HFS	14.05	171	eP	55	25.00	8.7X
	0.6s	7.60nm			4.0mb	
NUR	14.70	149	eP	55	24.00	-0.8
EKA	19.45	202	Pd	56	24.90	0.4
	1.0s	11.60nm			4.1mb	
CLL	22.85	174	eP	57	06.00	6.6X
MOX	23.49	177	eP	57	07.00	1.4
PRU	24.22	172	eP	57	15.00	2.3X
KHC	25.05	174	P	57	22.80	2.1
			e	57	29.50	
SPC	25.36	163	eP	57	28.70	4.9X
MBC	26.95	336	eP	57	38.00	-0.1
KBA	27.09	174	eP	57	42.00	2.1
INK	35.92	338	eP	58	57.00	0.0

YKA	38.83	322	eP	59	22.20	0.7
COL	40.52	345	eP	59	37.00	1.6
EDM	47.35	317	ePd	00	35.20	4.5X
SES	49.59	314	eP	00	47.00	-1.1
LRM	54.24	313	eP	01	21.80	-1.5
KKN	59.61	95	eP	02	02.50	0.8
	0.5s	6.00nm			5.0mb	
PKI	59.85	95	eP	02	05.10	1.6
JCT	66.05	297	eP	02	42.50	-1.6
	1.0s	5.00nm			4.7mb	
BNG	69.73	170	iPc	03	06.90	-0.2
	0.8s	8.00nm			4.9mb	
			id	03	08.20	
BCAO	69.73	170	eP	03	07.10	0.0
	1.1s	3.83nm			4.5mb	
	S.D. = 1.4	on	23 of	30	obs.	

? DEC 07, 1985 02h 35m 38.84± 2.98s
31.786 S ±11.4km 70.670 W ±27.1km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

RTCB	1.62	80	iPc	36	05.70	0.1
			S	36	22.80	
ZON	1.71	83	iPd	36	08.00	1.1
			eS	36	26.00	
RTCV	1.82	93	iPc	36	08.00	-0.4
			S	36	26.40	
RTLL	1.93	77	iPd	36	09.20	-0.9
			S	36	29.00	
CFA	2.08	86	ePd	36	16.60	4.5X
			S	36	31.30	
RFA	3.50	149	ePd	36	32.40	0.0
VCA	3.71	36	ePc	36	35.40	0.0
			S	37	16.60	
	S.D. = 0.8	on	6 of	7	obs.	

• DEC 07, 1985 02h 42m 39.41± 2.32s
33.312 S ± 6.3km 71.844 W ±21.3km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.74	151	iPc	42	53.00	-0.3
			iS	43	06.60	
ROCH	0.78	64	iPd	42	50.90	-3.2X
TACH	0.83	114	iPc	42	54.20	-0.5
SAN	1.00	98	iPd	42	56.70	-0.5
			iS	43	15.00	
BACH	1.13	92	iPd	42	58.60	-0.5
			iS	43	18.80	
PCH	1.15	106	iP	42	59.50	0.1
			iS	43	20.70	
CHCH	1.17	122	iPd	43	00.30	0.7
			iS	43	20.50	
RTCV	3.14	63	e(P)	43	27.50	-0.3
RTCB	3.15	56	ePd	43	27.80	-0.2
RFA	3.16	118	ePd	43	28.70	0.7
			S	44	23.70	
ZON	3.20	58	eP	43	30.00	1.3
RTLL	3.47	56	ePd	43	32.10	-0.4
			S	44	24.40	
CFA	3.49	62	ePd	43	42.70	10.0X
VCA	5.53	35	ePd	44	57.70	56.0X
			S	45	18.50	
SLA	10.20	35	eP	45	06.60	-0.1
	S.D. = 0.7	on	12 of	15	obs.	

DEC 07, 1985 03h 15m 35.87± 0.59s
50.221 N ± 5.7km 12.439 E ± 5.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.2 (GRF).

HOF	0.37	285	iPgd	15	43.50	0.0
MOX	0.68	309	iPg	15	48.80	-0.5
			iSg	15	58.50	
GRF	0.95	236	iPg	15	54.40	0.4
			eSg	16	06.70	
			eLg	16	09.10	
WET	1.11	165	ePg	15	56.80	0.0
CLL	1.15	18	iPg	15	57.70	0.4
			iSg	16	13.30	
KHC	1.32	145	ePg	16	00.00	-0.3
			Sg	16	18.00	
PRU	1.37	99	Pg	16	01.00	0.0
			Sg	16	18.50	
	S.D. = 0.4	on	7 of	7	obs.	

DEC 07, 1985 04h 38m 41.86± 0.74s
50.194 N ± 7.7km 12.522 E ± 6.1km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.1 (GRF).

HOF	0.43	286	iPgd	38	50.30	-0.4
MOX	0.74	308	ePg	38	55.50	-0.8
			eSg	39	05.50	
GRF	0.98	240	iPgc	39	01.20	0.7
			eSg	39	13.60	
			eLg	39	15.70	
CLL	1.16	15	iPg	39	04.50	1.0
			iSg	39	19.80	
KHC	1.27	147	ePg	39	05.50	0.1
			Sg	39	24.80	
PRU	1.32	98	ePg	39	05.50	-0.7
			eSg	39	25.50	
	S.D. = 1.0	on	6 of	6	obs.	

• DEC 07, 1985 04h 39m 03.87± 0.61s
27.889 N ±11.2km 140.416 E ±10.3km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
BONIN ISLANDS REGION (212)

CBI	1.76	116	eP	39	32.00	-0.5
			eS	39	54.00	
MAT	8.83	348	(P)	41	11.00	-1.2
	1.0s	22.00nm			5.3mb X	
			eS	43	28.00	
MDJ	18.81	335	eP	43	14.00	-9.0X
CN2	19.93	327	Pd	43	29.00	-6.7X
TIA	21.38	299	eP	43	51.00	0.3
BJI	23.39	307	eP	44	11.00	0.5
			eS	48	20.00	
TIY	25.40	300	eP	44	28.20	-1.7
HHC	26.96	306	eP	44	46.00	1.6
XAN	27.62	291	eP	44	48.00	-2.4
CD2	31.99	284	eP	45	30.70	1.4
GTA	35.43	300	P	46	00.00	1.0
WB2	47.91	188	eP	47	41.20	0.1
			i	47	46.50	
WRA	47.91	188	Pc	47	40.60	-0.5
	0.6s	2.80nm			4.5mb	
PKI	48.33	283	eP	47	48.00	3.2X
KKN	48.39	284	eP	47	48.40	3.3X
	0.8s	13.00nm			5.0mb	
COL	57.40	29	eP	48	47.00	-4.2X
INK	62.96	25	eP	49	29.00	-0.1
YKA	72.19	28	eP	50	27.70	0.6
PNT	75.43	42	eP	50	47.00	0.8
	S.D. = 1.3	on	14 of	19	obs.	

• DEC 07, 1985 05h 05m 51.04± 0.83s
50.226 N ± 7.6km 12.363 E ± 8.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.64	312	iPg	06	04.00	0.2
			iSg	06	13.00	
GRF	0.91	234	iPg	06	08.80	0.3
			eSg	06	21.40	
			eLg	06	23.50	
WET	1.13	163	iPgd	06	11.40	-0.9
CLL	1.16	20	iPg	06	12.00	-0.7
			iSg	06	27.50	
PRU	1.42	99	ePg	06	18.00	1.1
			eSg	06	34.50	
	S.D. = 1.1	on	5 of	5	obs.	

DEC 07, 1985 05h 07m 22.96± 0.58s
50.227 N ± 5.6km 12.445 E ± 5.3km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.5 (GRF), 2.3 (FUR).

HOF	0.37	284	iPgd	07	30.40	-0.3
MOX	0.68	309	iPg	07	36.50	0.1
			iSg	07	45.50	
GRF	0.95	236	iPg	07	41.40	0.3
			eSg	07	53.70	
			eLg	07	56.00	
WET	1.12	165	iPgd	07	44.00	0.0
CLL	1.14	18	iPg	07	44.20	-0.1
			iSg	07	59.80	
KHC	1.32	146	Pg	07	47.00	-0.4
			Sg	08	04.80	
PRU	1.37	99	Pg	07	48.40	0.3
			Sg	08	05.50	
FUR	2.20	201	iPgc	08	06.60	6.5X
	S.D. = 0.3	on	7 of	8	obs.	

• DEC 07, 1985 05h 42m 44.64± 1.41s
19.708 S ± 9.0km 70.173 W ±10.8km
DEPTH = 99.7 ± 11.2 km
4.9mb (5 obs.)
NEAR COAST OF NORTHERN CHILE (122)

ARE	3.46	339	iPc	43	30.50	-7.3X
			iS	44	09.00	
CNCB	3.56	36	P	43	40.30	1.0
LPB	3.72	32	Pc	43	42.00	0.5
Z	17s	2.38um				
			i	43	44.80	
			S	44	31.00	
			LR	45	00.00	
ZOBO	3.94	30	iPc	43	44.30	-0.3
	0.3s	4.95nm				
Z	22s	1.79um				
			S	44	38.00	
			LR	45	08.00	
ANT	3.98	183	eP	43	37.00	-7.6X
			iS	44	21.50	
TPZ	4.53	113	P	43	56.40	3.9X
			i	44	01.00	
			i	44	10.00	
			i	44	33.20	
SLA	6.61	140	ePc	44	19.80	-1.3
VCA	9.17	169	ePd	45	04.00	8.0X
			S	47	02.80	
ITB1	15.42	111	eP	46	22.40	4.5X
ITB	15.62	112	eP	46	21.40	1.0
ITB7	15.74	113	Pc	46	28.80	6.8X
BDF	21.59	83	Pc	47	27.30	-0.6
VAO	21.85	103	eP	47	30.80	0.3
			e	47	33.60	
ATB	23.94	49	e(P)	47	49.00	-1.8
SOB1	30.16	74	eP	48	47.70	0.1
ITR	32.58	75	eP	49	08.60	-0.1
BHO	58.70	336	e(P)	52	33.70	-0.3
RLO	60.34	337	e(P)	52	43.70	-1.6
TUL	60.40	336	eP	52	45.20	-0.5
	1.3s	21.10nm			5.1mb	
MNT	64.97	357	iP	53	16.00	0.3
	0.8s	45.00nm			5.5mb	
KIC	69.36	75	eP	53	44.60	0.6
EUR	72.78	324	iP	54	04.50	0.2
	0.2s	2.23nm			4.6mb	
SES	78.55	335	eP	54	36.00	-0.5
PNT	81.52	330	eP	54	53.00	0.8
	0.6s	4.00nm			4.4mb	
EDM	81.65	335	iPc	54	52.50	-0.3
YKC	89.06	341	eP	55	29.00	-0.3
	0.6s	9.00nm			5.1mb	
YKA	89.11	341	eP	55	30.70	1.2
WB2	133.84	213	ePKP	01	53.90	1.6
WRA	133.85	213	PKP	01	55.00	2.7X
	0.7s	1.40nm				
GBA	148.42	96	PKP	02	23.90	5.8X
HYB	150.29	89	ePKP	02	29.00	8.0X
	S.D. = 0.9	on	22 of	31	obs.	

? DEC 07, 1985 06h 21m 34.34± 1.05s
50.089 N ±18.1km 177.360 W ±15.2km
DEPTH = 33.0km (normal)
4.3mb (1 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK	1.85	13	iPc	22	04.30	0.1
			eS	22	26.50	
YKA	35.47	45	eP	28	33.50	4.3X
BDW	45.82	72	eP	29	55.50	0.6
LTX	57.94	81	eP	31	25.30	-0.5
NB2	69.01	356	P	32	37.60	-0.5
	0.8s	2.30nm			4.3mb	
PKI	73.73	293	eP	33	06.40	-0.8
DMN	73.88	294	eP	33	09.00	1.0
	S.D. = 0.9	on	6 of	7	obs.	

? DEC 07, 1985 07h 12m 21.20± 3.17s
37.310 N ±35.5km 42.052 E ± 8.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

07d 07h

MSL	1.28	136	ePc	12 44.00	-0.9
			i	12 44.50	
			iS	12 58.50	
			i	13 00.00	
			i	13 10.00	
SLY	3.26	121	iPnd	13 14.00	0.6
			iP•	13 16.00	
			iPg	13 22.50	
			iSn	13 48.00	
			iS•	13 54.00	
			iSg	13 58.00	
BHD	4.46	154	eP	13 48.00	17.7X
			i	14 39.00	
			i	14 49.00	
			i	15 27.00	
RTB	4.50	199	eP	13 32.00	1.0
			i	13 44.00	
			iS	14 16.00	
			i	14 30.00	
			i	16 04.00	
BHL	6.22	239	Pn	13 56.00	0.6
			Sn	15 38.00	
HRI	6.55	234	iPd	13 59.00	-1.0
IR2	7.31	100	(P)	14 39.00	20.2X
CRI	7.37	233	eP	14 11.20	-0.3
CSS	7.44	254	eP	14 53.50	41.1X
JER	7.90	228	e(P)	14 45.00	26.0X

S.D. = 1.1 on 6 of 10 obs.

DEC 07, 1985 07h 40m 07.62± 0.66s
42.234 N ± 6.6km 20.047 E ± 6.0km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)

PVY	0.37	351	iPgc	40 15.50	0.3
			eSg	40 20.50	
TTG	0.61	289	iPg	40 19.00	-1.0
			eSg	40 28.60	
IVA	0.65	350	ePg	40 20.00	-0.6
			eSg	40 30.00	
BDV	0.91	274	iPg	40 25.00	0.0
			eSg	40 39.00	
SKO	1.07	104	ePg	40 27.50	-0.2
HCY	1.17	281	ePg	40 29.50	0.1
			eSg	40 46.50	
OHR	1.25	153	iPn	40 31.20	0.2
VAY	2.10	115	ePn	40 48.60	5.4X
VTS	2.36	00	eP	40 51.00	4.0X
			eS	41 22.00	
MMB	2.82	102	iPd	41 04.00	10.4X
CLO	3.47	34	eP	41 07.00	4.2X
GZR	3.73	31	ePc	41 19.00	12.5X
VOY	5.83	313	ePn	41 37.50	1.2
			eSn	42 47.00	

S.D. = 0.8 on 8 of 13 obs.

• DEC 07, 1985 07h 45m 10.49± 1.27s
21.945 S ±15.7km 67.321 W ±18.4km
DEPTH = 215.1 ± 13.6 km
CHILE-BOLIVIA BORDER REGION (124)

TPZ	1.57	73	iPd	45 47.40	0.5
			(S)	46 24.00	
SLA	3.24	149	eP	46 03.80	-0.5
CNCB	5.15	353	iP	46 32.50	4.2X
			S	47 34.00	
LPB	5.43	352	eP	46 31.00	-0.8
ZOBO	5.70	352	eP	46 38.50	3.1X
ARE	6.73	323	eP	46 49.00	0.6
			eS	48 05.00	
VAO	18.84	97	eP	49 17.40	0.8
BDF	19.41	75	Pd	49 21.90	-0.6

S.D. = 1.1 on 6 of 8 obs.

DEC 07, 1985 09h 03m 01.91± 0.57s
50.223 N ± 5.5km 12.416 E ± 5.3km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.4 (FUR), 2.2 (GRF).

HOF	0.36	285	iPgd	03 09.20	-0.1
WDX	0.66	318	iPg	03 15.00	-0.1
			iSg	03 24.00	
GRF	0.94	236	iPg	03 20.10	0.3
			eSg	03 32.40	
			eLg	03 34.70	
WET	1.12	164	ePg	03 22.80	-0.1
CLL	1.15	19	iPg	03 23.40	0.0
			iSg	03 38.70	
KHC	1.33	145	Pg	03 26.20	-0.3
			Sg	03 43.60	
PRU	1.39	99	Pg	03 27.60	0.3
			Sg	03 43.30	
FUR	2.19	200	iPg	03 45.50	6.6X

S.D. = 0.3 on 7 of 8 obs.

• DEC 07, 1985 09h 10m 51.19± 0.01s
50.233 N ± 8.3km 12.429 E ± 7.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.2 (GRF).

MOX	0.66	309	iPg	11 04.00	-0.4
			iSg	11 13.00	
GRF	0.95	236	iPg	11 09.40	0.1
			eSg	11 21.80	
			eLg	11 23.90	
GRFO	0.95	236	eP	11 09.50	0.2
CLL	1.14	18	iPg	11 12.90	0.4
			iSg	11 28.60	
PRU	1.38	99	ePg	11 16.20	-0.3
			eSg	11 34.50	

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

DEC 07, 1985 10h 48m 38.62± 0.34s
27.008 N ± 6.8km 140.980 E ± 6.4km
DEPTH = 33.0km (normal)
4.7mb (9 obs.)
BONIN ISLANDS REGION (212)
Felt (II JMA) on Chichi-shimo.

CBI	1.28	124	P	48 54.00	-6.3X
			S	49 18.30	
SHK	9.77	315	eP	50 54.20	-5.7X
GUMO	14.61	165	e(P)	52 10.30	5.5X
PJG	14.61	165	e(P)	52 10.00	5.2X
GUA	14.66	165	e(P)	52 09.50	3.9X
SSE	17.55	286	P	52 38.00	-4.3X
	N 16s		1.70um		
			S	56 00.00	
NJ2	19.63	288	Pd	53 09.00	1.6
CVP	20.30	244	eP	53 16.00	1.5
MAN	22.66	239	eP	53 39.00	0.8
WHN	23.39	283	eP	53 28.00	-17.3X
BJI	23.84	307	eP	53 49.50	-0.1
			eS	58 11.00	
TIY	25.87	300	eP	54 09.00	-0.1
HHC	27.41	306	P	54 23.20	-0.1
XAN	28.12	291	eP	54 29.00	-0.7
LZH	32.42	294	eP	55 07.50	-0.4
	1.5s		51.00nm		5.2mb
CD2	32.49	285	eP	55 09.00	0.5
GTA	35.90	300	Pc	55 37.00	-0.8
CHG	39.47	266	eP	56 08.50	0.7
CHTO	39.47	266	eP	56 08.60	0.8
	1.0s		3.00nm		4.0mb
LSA	43.46	285	eP	56 41.50	0.6
WMQ	45.29	305	iPd	56 55.50	0.4
CTA	47.89	173	iPc	57 15.70	0.1
	1.5s		30.56nm		5.1mb
WB2	47.90	188	iPd	57 15.40	-0.3
			i	57 23.50	
WRA	47.90	188	Pc	57 15.90	0.2
	0.8s		94.50nm		5.9mb X
ASPA	51.63	188	eP	57 43.00	-1.2
DZM	55.36	151	iPc	58 10.90	-1.0
NDI	55.55	287	eP	58 12.00	-1.2
COL	57.23	29	eP	58 26.00	1.3
	0.8s		5.97nm		4.7mb
GBA	60.52	270	P	58 48.00	-0.2
YOU	62.14	173	eP	58 58.70	-0.1
INK	62.83	25	eP	59 03.00	0.0
CAN	63.24	173	eP	59 17.60	11.5X
MBC	65.48	15	eP	59 20.00	-0.2
YKA	72.02	28	eP	00 02.40	1.6
YKC	72.09	28	eP	00 01.00	-0.2
SOD	73.35	338	eP	00 16.00	7.5X
KJF	74.68	335	iP	00 15.00	-1.3
	0.5s		14.00nm		5.2mb
PNT	75.16	42	eP	00 21.00	1.6
SUF	76.09	334	iP	00 23.00	-1.3
	0.6s		5.40nm		4.7mb
NEW	7.10	42	eP	00 32.00	1.6
NUR	77.94	333	iP	00 33.60	-1.0
SES	79.54	38	eP	00 44.00	0.3
LRM	81.08	43	eP	00 52.60	0.4
FFC	81.70	31	eP	00 56.00	1.1
	1.3s		10.00nm		4.7mb
HFS	82.35	336	eP	00 55.80	-2.4
	0.4s		2.40nm		4.6mb
NB2	82.55	338	P	00 58.20	-1.1
	0.6s		2.40nm		4.4mb
ALQ	90.84	49	e(P)	01 39.00	-1.5
ZOBO	150.76	73	ePKP	08 31.70	7.1X
LPB	150.90	73	iPKP	08 27.00	2.4X
CNCB	151.13	74	ePKP	08 27.00	1.8X

S.D. = 1.0 on 38 of 50 obs.

• DEC 07, 1985 10h 56m 20.22± 0.60s
51.265 N ±12.8km 176.654 W ± 7.8km
DEPTH = 33.0km (normal)
4.7mb (6 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)
ML 3.9 (PMR). Felt on Adok.

ADK	0.62	358	eP	56 33.50	1.0
SMY	5.90	288	eP	57 50.10	2.6
SVW	15.23	42	eP	00 00.50	6.2X
KDC	15.41	56	eP	00 00.00	3.5X
PME	18.31	45	eP	00 33.50	0.6
COL	20.22	37	eP	00 54.00	-0.7
	0.7s		5.82nm		4.0mb
FBA	20.22	37	eP	00 53.70	-1.0
INK	26.79	34	eP	01 58.00	-0.5
MBC	33.22	22	eP	02 54.00	-1.5
YKA	34.33	47	eP	03 05.10	-0.3
MAT	35.10	263	iPc	03 12.30	0.0
	1.0s		18.00nm		5.0mb
PNT	35.71	70	iP	03 19.00	1.7
	0.5s		7.00nm		4.8mb
NEW	37.66	71	eP	03 36.00	2.3
EDM	37.69	61	eP	03 33.50	-0.4
BJI	46.71	284	eP	04 47.00	-0.5
HHC	49.01	287	P	05 06.20	0.6
TIY	50.44	284	Pd	05 16.80	0.2
XAN	55.00	282	P	05 48.80	-1.8
CD2	60.31	283	P	06 27.20	-0.8
KKN	73.58	294	eP	07 51.60	-0.4
	0.6s		10.00nm		5.0mb
PKI	73.67	294	eP	07 51.50	-1.2
	0.6s		4.00nm		4.6mb
DMN	73.82	294	eP	07 53.40	0.0
WB2	82.88	226	eP	08 43.80	1.2
WRA	82.88	226	Pc	08 41.60	-1.0
	0.6s		2.20nm		4.4mb
HYB	85.51	292	eP	08 55.50	-0.6
GBA	89.18	291	P	09 15.00	1.1
KIC	122.18	10	e(PKP)	15 12.60	-0.6
SLR	148.19	314	ePKP	16 04.00	3.2X
	1.0s		24.00nm		
BPI	148.69	314	iPKPc	16 05.50	3.9X
	0.9s		16.81nm		

S.D. = 1.2 on 25 of 29 obs.

? DEC 07, 1985 11h 24m 55.54± 7.13s
50.918 N ±59.2km 19.696 E ±46.0km
DEPTH = 10.0km (geophysicist)
POLAND (548)

KRA	0.88	170	ePg	25 12.40	0.0
			iSg	25 22.60	
SPC	1.77	168	ePn	25 26.50	0.0
			e(Sn)	25 44.80	
KSP	2.16	269	iPg	25 31.50	-0.5
	0.5s		30.00nm		
			iS	25 56.00	
SRO	3.24	197	eP	25 53.30	6.0X
PRU	3.42	256	ePg	25 51.50	1.5
			Sg	26 26.00	
KHC	4.33	248	ePn	26 01.90	-1.0
			Pg	26 08.50	
			Sn	26 39.20	
			Sg	26 49.50	

S.D. = 1.3 on 5 of 6 obs.

• DEC 07, 1985 13h 37m 36.95± 0.93s
5.076 S ±15.0km 152.751 E ± 9.2km
DEPTH = 33.0km (normal)
4.2mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	1.05	327	eP	37 55.00	-0.4
BIAL	1.71	262	eP	38 06.50	1.7
BGA	2.64	114	iPd	38 18.00	-0.3
			eS	38 49.00	
PAA	2.99	114	eP	38 24.00	0.8
			eS	38 58.00	
KVG	3.16	322	eP	38 30.00	4.5X
LMG	5.95	230	eP	40 02.00	56.8X
PMG	7.03	232	e(P)	39 29.00	0.8X
W82	23.22	229	eP	42 42.00	-0.2
WRA	23.23	229	Pc	42 40.70	-1.6
	0.5s		4.00nm		4.2mb

S.D. = 1.4 on 6 of 9 obs.

DEC 07, 1985 14h 02m 14.02± 0.88s
46.948 N ± 7.9km 0.289 W ±12.2km
DEPTH = 13.4 ± 6.0 km
FRANCE (538)
ML 3.2 (LDG).

MFF	0.36	164	Pg	02 22.20	0.6
			Sg	02 26.30	
LPF	1.20	335	Pn	02 37.10	1.1
			Pg	02 38.00	
			Sg	02 53.80	
LSF	1.43	118	Pn	02 39.40	-0.2
			Sg	02 56.10	
GRR	1.49	345	Pn	02 40.70	0.3
			Pg	02 42.50	
			Sg	03 02.70	
LDF	1.65	4	Pn	02 42.20	-0.5
			Pg	02 44.50	
			Sg	03 05.80	
FLN	1.82	356	Pn	02 44.10	-1.1
			Pg	02 47.70	
			Sg	03 10.60	
TCF	1.84	110	Pg	02 46.00	0.4
			Sg	03 08.10	
RJF	2.07	142	Pg	02 50.70	1.9
			Sg	03 15.80	
MZF	2.11	109	Pn	02 48.40	-1.0
			Pg	02 51.60	
			Sg	03 15.90	
LFF	2.14	160	Pg	02 54.10	4.4X
			Sg	03 19.60	
BGF	2.19	99	Pg	02 53.40	2.8X
			Sg	03 18.10	
GRC	2.32	80	ePn	02 53.40	1.0
			iPg	02 56.20	
			iSg	03 21.90	
LPO	2.49	155	Pg	03 00.70	5.9X
			Sg	03 29.40	
AVF	2.50	92	Pg	02 58.40	3.4X
			Sg	03 26.00	
SSF	2.60	86	Pg	03 01.10	4.7X
			Sg	03 28.30	
CAF	2.61	140	Pn	02 55.30	-1.2
			Pg	03 01.70	
			Sn	03 23.10	
			Sg	03 33.70	
LOR	2.85	82	Pg	03 05.70	5.7X
			Sg	03 36.60	
SMF	2.85	95	Pg	03 05.00	5.0X
			Sg	03 36.20	
LBF	2.92	88	Pg	03 06.40	5.4X
			Sg	03 38.10	
EPF	3.94	173	Pn	03 14.40	-1.1
			Sn	03 54.80	
			Sg	04 19.50	
DOU	4.52	44	eP	03 39.80	16.2X
			e	26 02.70	
			e	26 54.30	

S.D. = 1.2 on 12 of 21 obs.

% DEC 07, 1985 14h 15m 32.30± 0.87s
60.196 N ± 6.2km 5.343 E ±11.1km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)

ASK	0.30	346	iPg	15 39.00	0.5
			iSg	15 43.20	
ODD	0.71	110	iPg	15 46.40	0.1
			iSg	15 56.40	
SUE	0.91	342	iPg	15 49.30	-0.4
			eSg	16 00.00	
KMY	0.99	183	iPg	15 51.00	0.0
			iSg	16 02.90	
HYA	1.06	23	iPg	15 52.00	-0.2
			eSg	16 06.50	

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

% DEC 07, 1985 14h 24m 37.30± 0.74s
46.947 N ± 6.9km 0.097 W ±11.4km
DEPTH = 12.5 ± 6.5 km
FRANCE (538)
ML 3.2 (LDG).

MFF	0.35	186	Pg	24 45.20	0.6
			Sg	24 49.50	
LPF	1.26	330	Pn	25 00.10	-0.4
			Pg	25 01.00	
			Sg	25 16.00	
LSF	1.32	121	Pn	25 02.10	0.7
			Pg	25 02.40	
			Sg	25 19.00	
GRR	1.53	341	Pn	25 03.60	-0.8
			Pg	25 05.30	
			Sn	25 22.80	
			Sg	25 25.20	
LDF	1.65	359	Pg	25 07.40	1.3
			Sg	25 28.40	
TCF	1.72	112	Pg	25 08.70	1.5
			Sg	25 30.30	
FLN	1.83	352	Pg	25 10.40	1.6
			Sg	25 33.60	
MZF	1.99	111	Pn	25 11.30	0.3
			Pg	25 14.50	
			Sg	25 37.70	
RJF	1.99	145	Pg	25 13.50	2.5
			Sg	25 38.30	
BGF	2.06	100	Pg	25 15.80	3.7X
			Sg	25 41.00	
LFF	2.09	164	Pg	25 17.00	4.5X
			Sg	25 42.80	
GRC	2.19	80	ePg	25 17.30	3.3X
			lSg	25 44.60	
AVF	2.37	93	Pn	25 15.30	-1.2
			Pg	25 21.20	
			Sg	25 48.60	
LPO	2.44	158	Pg	25 24.40	7.0X
			Sg	25 52.70	
SSF	2.47	86	Pg	25 23.40	5.5X
			Sg	25 52.50	
CAF	2.52	142	Pn	25 18.50	-0.?
			Pg	25 24.50	
			Sn	25 46.10	
			Sg	25 56.50	
LOR	2.72	82	Pg	25 28.60	7.0X
			Sg	25 59.80	
SMF	2.72	95	Pg	25 27.40	5.8X
			Sg	25 59.70	
LBF	2.79	88	Pg	25 29.00	6.5X
			Sg	26 01.00	
EPF	3.93	175	Pn	25 37.10	-1.6
			Sn	26 19.20	
			Sg	26 42.90	

S.D. = 1.4 on 12 of 20 obs.

% DEC 07, 1985 14h 25m 28.95± 1.47s
46.829 N ±11.9km 0.476 W ±16.3km
DEPTH = 17.9 ± 8.0 km
FRANCE (538)
ML 3.2 (LDG).

MFF	0.32	135	Pg	25 36.80	0.9
			Sg	25 41.40	
LPF	1.26	343	Pn	25 51.80	0.1
			Pg	25 52.60	
			Sg	26 07.90	
LSF	1.50	112	Pg	25 54.30	-0.8
			Sg	26 10.90	
GRR	1.58	351	Pg	25 56.90	0.7
			Sn	26 11.50	
			Sg	26 17.00	
LDF	1.78	8	Pn	25 57.90	-1.2
			Pg	25 59.10	
			Sg	26 20.00	
TCF	1.93	105	Pg	26 00.20	-1.1
			Sg	26 21.20	
FLN	1.93	360	Pg	26 02.40	1.1
			Sg	26 25.60	
RJF	2.06	137	Pg	26 04.70	1.5
			Sg	26 29.60	
LFF	2.07	155	Pg	26 08.60	5.3X
			Sg	26 33.90	
MZF	2.20	105	Pn	26 02.60	-2.6
			Pg	26 05.90	
			Sg	26 29.40	
BGF	2.30	96	Pg	26 07.20	6.6
			Sg	26 32.30	
GRC	2.47	78	iPg	26 10.00	1.6
			iSg	26 36.00	
CAF	2.60	136	Pn	26 10.00	-1.0
			Pg	26 10.10	
			Sn	26 37.20	
			Sg	26 48.50	
AVF	2.63	89	Pg	26 12.40	1.1
			Sg	26 40.00	
SSF	2.74	84	Pg	26 14.90	2.1
			Sg	26 43.70	
LOR	3.00	80	Pg	26 20.20	3.7X
			Sg	26 51.20	
LBF	3.06	85	Pg	26 21.00	3.6X
			Sg	26 52.50	

S.D. = 1.5 on 14 of 17 obs.

* DEC 07, 1985 14h 46m 26.07± 0.58s
2.182 N ± 9.6km 126.300 E ±13.0km
DEPTH = 33.0km (normal)
4.4mb (3 obs.)
MOLUCCA PASSAGE (266)

DAV	4.93	352	eP	47 40.50	0.7
TZZ	16.64	116	eP	50 19.50	0.9
WRA	23.36	161	Pc	51 31.60	-1.1
	0.6s		10.10nm		4.5mb
WB2	23.37	161	eP	51 32.00	-0.7
MEK	29.59	194	eP	52 32.50	2.0
CHG	31.48	304	eP	52 46.50	-0.8
CHTO	31.48	304	eP	52 47.00	-0.2
	0.8s		2.20nm		4.1mb
ADE	38.74	164	eP	53 48.50	-0.7
BJI	38.79	348	eP	53 48.50	-0.9
HYB	49.25	291	eP	55 14.30	0.4
GBA	49.61	286	Pc	55 17.00	0.3
	1.0s		4.10nm		4.4mb

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

* DEC 07, 1985 15h 29m 12.42± 1.01s
62.543 N ±11.1km 123.978 W ±12.8km
DEPTH = 10.0km (geophysicist)
3.7mb (4 obs.)
NORTHWEST TERRITORIES, CANADA (679)

FST1	1.49	120	Pg	29 39.00	-0.1
YKA	4.34	87	eP	30 18.70	-1.2
RSNT	4.35	87	ePn	30 21.80	1.8
YKC	4.41	87	eP	30 20.00	-0.8
INK	7.01	330	eP	30 57.00	-0.6
DWY	7.13	289	P	30 55.70	-3.5X
			Lg	32 57.70	
EDM	10.91	144	eP	31 44.00	-7.5X
PNT	13.48	160	eP	32 20.00	-6.0X
FFC	13.82	114	eP	32 23.00	-7.4X
MBC	13.85	5	eP	32 29.00	-1.8
SES	14.08	144	eP	32 26.00	-7.9X
NEW	14.82	162	eP	32 38.90	-4.7X
	0.8s		0.30nm		2.9mb
LRM	18.01	153	eP	33 20.20	-4.2X
BDW	21.54	150	eP	34 04.00	0.2
	0.7s		2.84nm		3.8mb
EUR	23.60	164	iP	34 23.20	-0.9
	0.3s		2.12nm		4.2mb
DAG	33.46	24	iPd	35 51.10	-1.8
	0.7s		0.68nm		3.7mb
SOD	48.64	15	eP	37 58.00	0.4
KJF	51.82	15	eP	38 23.00	1.1
SUF	53.05	17	eP	38 33.00	1.9
NUR	54.96	18	eP	38 47.00	1.8

S.D. = 1.5 on 13 of 20 obs.

* DEC 07, 1985 16h 48m 31.00± 0.67s
28.092 N ±11.7km 140.487 E ±10.8km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
BONIN ISLANDS REGION (212)

CBI	1.80	123	eP	49 02.00	1.7
			eS	49 21.00	
MAT	8.64	348	eP	50 37.00	0.2
	0.8s		9.70nm		5.0mb X

07d 16h

		eS	52 28.00		
SSE	17.05	285 Pc	52 28.00	-0.5	
N	12s	0.50um			
		eS	56 05.00		
MDJ	18.65	335 eP	52 44.00	-4.2X	
DL2	19.03	309 Pc	52 54.50	1.7	
NJ2	19.13	287 Pc	52 57.50	3.5X	
SNY	19.44	319 eP	52 54.00	-3.6X	
CN2	19.80	326 Pd	52 55.00	-6.4X	
TIA	21.34	298 eP	53 17.10	-0.3	
WHN	22.91	282 eP	53 32.40	-0.6	
BJI	23.32	307 eP	53 38.00	1.1	
		eS	57 57.00		
TIY	25.35	299 eP	53 57.00	0.4	
XAN	27.61	290 eP	54 16.60	-0.8	
BTO	27.93	304 eP	54 21.00	0.6	
WB2	48.12	188 eP	57 10.80	1.0	
WRA	48.12	188 Pd	57 08.20	-1.6	
	0.9s	4.50nm		4.5mb	
YKA	71.98	28 eP	59 52.70	-0.2	
LRM	81.17	43 eP	00 42.40	-2.6	
S.D. = 1.3		on 14 of 18 obs.			

DEC 07, 1985 17h 17m 25.30± 0.50s
50.226 N ± 4.9km 12.429 E ± 4.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.5 (GRF), 2.2 (KBA).

HOF	0.36	284 iPgd	17 32.60	-0.2	
MOX	0.67	309 iPg	17 38.50	-0.1	
		iSg	17 48.00		
GRF	0.95	236 iPg	17 43.70	0.4	
		eSg	17 56.20		
		eLg	17 58.90		
WET	1.12	165 iPgd	17 46.30	0.0	
CLL	1.14	18 iPg	17 46.80	0.1	
		iSg	18 02.50		
BRG	1.16	56 iPg	17 47.00	0.0	
		iSg	18 02.00		
KHC	1.33	145 Pg	17 49.50	-0.3	
		Sg	18 07.50		
PRU	1.38	99 Pg	17 50.80	0.2	
		Sg	18 07.50		
FUR	2.20	201 iPgc	18 09.00	6.6X	
KBA	3.21	169 iPnd	18 24.00	7.1X	
		iSg	19 08.70		
S.D. = 0.3		on 8 of 10 obs.			

* DEC 07, 1985 18h 07m 56.98± 1.14s
36.236 N ±14.0km 28.547 E ±15.0km
DEPTH = 110.6 ± 19.9 km
DODECANESE ISLANDS (369)

YER	0.92	347 iPg	08 17.40	-0.4	
		iSg	08 29.90		
ELL	1.21	65 iPn	08 20.90	0.0	
BCK	2.04	53 iPn	08 32.20	1.1	
IZM	2.39	335 iPn	08 35.70	0.1	
EZN	3.29	335 ePn	08 57.00	-0.1	
CSS	4.10	107 eP	08 58.00	-0.7	
EDC	4.14	353 iPn	08 59.30	0.1	
DMK	5.61	354 iPn	09 19.20	-0.2	
BHL	6.27	113 Pn	09 27.00	-1.6	
		Sn	10 31.50		
HRI	6.62	114 eP	09 33.00	-0.3	
JER	7.09	127 eP	09 42.00	2.2	
PRNI	7.98	136 eP	09 51.50	-0.3	
		eS	11 14.50		
S.D. = 1.1		on 12 of 12 obs.			

DEC 07, 1985 18h 32m 31.86± 0.51s
43.276 N ± 5.9km 21.085 E ± 4.1km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
Felt (V) in the Mt. Kapaonik area.

PVY	1.66	231 ePg	32 51.00	-1.0	
		eSg	33 04.00		
SKO	1.33	169 iPn	32 56.20	-0.2	
TTG	1.59	238 ePg	33 01.00	1.0	
		eSg	33 21.00		
VTS	1.69	113 iP	33 02.00	0.4	
		iS	33 25.00		
BDV	1.94	240 ePn	33 05.50	0.4	
		eSn	33 32.00		
HCY	2.07	247 ePn	33 07.50	0.4	
		eSn	33 35.50		
OHR	2.17	186 iPn	33 08.20	-0.4	
CLO	2.18	34 iPd	33 08.50	-0.2	
VAY	2.24	150 iPn	33 09.40	-0.2	
MMB	2.58	130 iPd	33 15.00	0.6	
PLD	2.91	112 eP	33 29.00	9.9X	
PVL	2.99	91 iPc	33 21.00	0.8	
KDZ	3.55	116 iP	33 36.00	7.8X	
JMB	4.12	99 eP	33 35.00	-1.2	
MLR	4.13	56 ePc	33 48.00	11.6X	
TRI	5.77	297 eP	34 11.60	12.0X	
VOY	5.82	301 e(Pn)	34 00.00	-0.4	
		eSn	35 00.50		
S.D. = 0.7		on 13 of 17 obs.			

DEC 07, 1985 19h 28m 15.49± 0.58s
50.226 N ± 5.6km 12.428 E ± 5.3km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.1 (FUR), 2.0 (GRF).

HOF	0.36	284 iPgd	28 22.80	-0.2	
MOX	0.67	309 iPg	28 28.50	-0.3	
		iSg	28 37.50		
GRF	0.94	236 iPgc	28 33.90	0.4	
		eSg	28 46.30		
		eLg	28 48.50		
WET	1.12	165 ePg	28 36.50	0.0	
CLL	1.15	18 iPg	28 37.30	0.4	
		iSg	28 52.40		
KHC	1.33	145 iPg	28 40.00	0.0	
		Sg	28 57.50		
PRU	1.38	99 Pg	28 40.50	-0.3	
		Sg	28 58.00		
FUR	2.20	201 iPgc	28 59.00	6.4X	
S.D. = 0.4		on 7 of 8 obs.			

% DEC 07, 1985 20h 05m 38.80± 2.18s
15.275 N ± 5.6km 60.309 W ±21.6km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)
ML 3.5 (FDF).

CRM	0.78	229 iPd	05 53.32	-0.1	
		S	06 02.60		
MVM	0.91	218 iPd	05 55.37	0.1	
		S	06 08.10		
FDF	0.98	237 iPd	05 56.09	-0.1	
		S	06 09.30		
BIM	1.05	224 iPd	05 57.40	0.1	
		S	06 11.30		
MDN	1.05	272 eP	05 57.55	0.3	
BBL	1.15	282 eP	05 58.45	-0.3	
		S	06 11.50		
SFG	1.29	319 eP	06 00.58	-0.1	
		S	06 14.00		
SLW	1.39	206 eP	06 02.05	0.0	
		S	06 20.20		
PAG	1.52	300 eP	06 04.04	0.0	
		S	06 22.70		
SEG	1.61	314 eP	06 05.33	0.1	
		S	06 25.70		
S.D. = 0.2		on 10 of 10 obs.			

? DEC 07, 1985 20h 12m 55.27± 1.93s
54.416 N ±36.8km 164.574 W ±24.4km
DEPTH = 33.0km (normal)
4.8mb (4 obs.)
UNIMAK ISLAND REGION (10)

ADK	7.71	256 eP	14 49.00	1.0	
COL	13.45	32 eP	16 08.00	2.0	
INK	20.05	34 eP	17 26.00	-1.9	
YKA	26.72	52 eP	18 35.10	2.1	
DAG	47.29	10 iPc	21 26.90	0.2	
	0.5s	7.75nm		5.0mb	
SOD	58.24	355 eP	22 47.00	-1.1	
SUF	62.90	354 iP	23 19.80	0.0	
	0.4s	2.90nm		4.8mb	
NB2	64.04	2 P	23 32.00	-0.6	
	0.7s	1.40nm		4.2mb	
NUR	65 19	355 iP	23 34.80	0.0	
HFS	63.79	1 eP	23 37.80	-0.8	
	0.5s	4.40nm		4.8mb	
KKN	78.58	302 eP	24 55.70	0.5	
PKI	78.78	302 eP	24 56.20	0.2	
DMN	78.82	302 eP	24 57.40	0.8	
BUL	144.34	338 iPKPd	32 27.10	-2.4	
0.6s		3.33nm			
S.D. = 1.4		on 14 of 14 obs.			

DEC 07, 1985 20h 51m 14.18± 0.90s
44.605 N ± 4.7km 111.010 W ±12.0km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 2.7 (NEIS).

IMW	0.71	176 eP	51 28.50	0.1	
CCMT	1.36	284 ePn	51 39.90	-0.1	
LCCM	1.38	334 iPnd	51 39.80	-0.4	
TMI	1.46	207 eP	51 41.00	-0.4	
SXM	1.55	355 ePn	51 42.90	0.2	
LRM	1.59	321 iPnd	51 43.20	0.0	
HPI	1.75	240 eP	51 46.00	0.4	
BUT	1.78	323 ePg	51 46.20	0.2	
		eSn	52 08.90		
BDW	2.11	150 eP	51 54.00	3.2X	
S.D. = 0.3		on 8 of 9 obs.			

* DEC 07, 1985 21h 26m 59.69± 0.78s
0.444 N ±17.0km 66.998 E ±11.2km
DEPTH = 10.0km (geophysicist)
4.6mb (4 obs.)
CARLSBERG RIDGE (421)

GBA	16.67	38 P	30 55.40	0.4	
HY8	20.34	33 eP	31 39.00	-0.1	
DMN	32.12	31 eP	33 29.20	-0.6	
KKN	32.35	31 eP	33 31.00	-0.8	
	0.8s	7.00nm		4.6mb	
CHG	36.27	58 eP	34 06.50	1.1	
CHTO	36.27	58 eP	34 04.90	-0.5	
	0.9s	6.82nm		4.5mb	
KMI	42.35	52 eP	34 57.00	0.8	
BNG	48.56	275 iPd	35 45.70	0.1	
	0.7s	5.00nm		4.7mb	
BCAO	48.57	275 eP	35 45.90	0.2	
	1.0s	2.75nm		4.3mb	
WB2	68.92	111 eP	38 07.00	-0.5	
JCT	146.78	339 ePKP	46 52.00	9.4X	
	1.0s	5.50nm			
S.D. = 0.7		on 10 of 11 obs.			

* DEC 07, 1985 21h 58m 08.93± 0.80s
41.448 N ± 9.3km 22.295 E ± 5.9km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)

VAY	0.24	121 iPg	58 14.10	0.0	
		iSg	58 17.80		
SKO	0.83	310 iPg	58 24.50	-0.4	
		iSg	58 34.00		
MMB	1.09	82 iPgd	58 29.00	-0.4	
OHR	1.18	254 iPn	58 31.20	0.3	
		iSn	58 47.60		
VTS	1.33	30 iPg	58 34.00	0.5	
		iSg	58 50.00		
PVL	2.73	51 iPc	58 59.00	5.5X	
S.D. = 0.6		on 5 of 6 obs.			

DEC 07, 1985 22h 47m 02.14± 0.84s
50.874 N ± 7.2km 5.949 E ± 5.0km
DEPTH = 10.0km (geophysicist)
BELGIUM (541)
ML 2.2 (KLL), 2.2 (BNS). Felt in southern Limburg Province, Netherlands.

ENN	0.11	189 iPgc	47 03.60	-1.3	
0.3s		69.00nm			
		iSg	47 05.50		
		e	47 09.50		
		eS	47 18.50		
MEM	0.27	172 Pg	47 07.70	-0.1	
		e	47 11.40		
GSH	0.30	117 iPd	47 08.50	0.0	
		iS	47 13.50		
KLL	0.32	135 iPgd	47 08.60	-0.3	
		iSg	47 13.40		
JCK	0.35	62 iP	47 08.90	-0.3	
		iS	47 13.80		
STB	0.63	116 ePgd	47 14.60	-0.2	
BNS	0.78	83 ePg	47 18.00	0.7	

0.3s 85.00nm
eSg 47 27.60
eSg 47 27.70
SNF 1.12 252 Pg 47 23.10 0.0
e 47 38.50
e 47 58.10
DOU 1.16 229 Pgd 47 24.30 0.4
e 47 40.50
e 48 01.90
WLF 1.22 174 Pb 47 25.90 1.1
Lg 47 42.10
e 48 03.10
S.D. = 0.7 on 10 of 10 obs.

DEC 07, 1985 23h 09m 25.11± 0.45s
50.892 N ± 4.0km 5.874 E ± 2.8km
DEPTH = 11.3 ± 2.2 km
BELGIUM (541)
ML 3.4 (LDG), 3.0 (KLL), 3.0 (BNS). Felt (IV) in southern Limburg Province, Netherlands.

ENN 0.13 166 iPgc 09 27.90 -0.5
0.2s 833.00nm
iSg 09 29.70
i 09 34.10
iS 09 43.20
MEM 0.30 163 iPgd 09 31.00 -0.3
Lg 09 34.50
GSH 0.35 116 iPd 09 31.80 -0.7
iS 09 36.80
KLL 0.37 131 iPgd 09 31.90 -0.9
0.3s 210.00nm
iSg 09 36.80
JCK 0.38 67 iPc 09 32.20 -0.8
iS 09 37.10
STB 0.68 115 iPgd 09 37.90 -0.6
BNS 0.83 84 ePgd 09 41.10 0.1
0.2s 475.00nm
id 09 41.60
eSg 09 50.90
UCC 0.96 265 eP 10 01.00 17.7X
SNF 1.08 250 Pg 09 45.40 0.1
e 10 01.80
DOU 1.14 226 iPgd 09 47.70 1.4
WLF 1.24 172 Pbd 09 48.90 0.9
Lg 10 05.50
WTS 1.25 28 iPnc 09 49.10 0.9
0.6s 38.00nm
e 10 05.20
iSg 10 06.40
TNS 1.77 111 ePn 09 56.30 0.4
eSn 10 17.70
GWF 2.22 149 ePn 10 01.20 -1.2
ePg 10 09.60
eSg 10 35.60
CDF 2.64 159 Pn 10 07.90 -0.6
Pg 10 14.80
Sg 10 46.20
VITF 2.68 178 ePn 10 15.20 6.3X
eSn 10 48.20
eSg 10 55.60
BUH 2.69 145 ePn 10 09.20 0.1
HAU 2.91 174 Pn 10 12.40 0.3
Pg 10 20.00
Sg 10 54.60
BSF 3.12 169 Pn 10 15.20 0.0
Pg 10 24.50
Sg 11 01.80
MOF 3.15 164 ePn 10 16.00 0.3
eSg 11 08.40
SLE 3.57 150 eP 10 21.20 -0.3
ZUL 3.79 153 eP 10 24.50 -0.2
LOR 3.86 201 Pn 10 25.50 -0.2
Pg 10 37.90
Sg 11 26.90
GRC 4.04 208 iPnc 10 28.40 0.3
ePg 10 41.00
LBF 4.11 198 Pn 10 28.40 -0.7
Pg 10 42.00
Sn 11 13.00
Sg 11 34.30
SSF 4.14 203 Pn 10 28.70 -0.8
Pg 10 43.40
Sn 11 15.00
Sg 11 36.00
SAX 4.30 147 eP 10 32.30 0.2
AVF 4.43 203 Pn 10 32.80 -0.9
Pg 10 48.20
SMF 4.46 198 Pn 10 33.20 -0.9
Pg 10 48.80
Sn 11 21.40
Sg 11 44.70
LLS 4.52 152 eP 10 35.50 0.3
FLN 4.63 245 Pn 10 36.40 -0.2
Sn 11 27.70
BGF 4.78 206 Pn 10 37.80 -0.9
Pg 10 56.10
Sg 11 55.90
GRR 5.04 243 Pn 10 41.60 -0.7
Sn 11 36.60
OSS 5.07 145 eP 10 43.30 0.4
MZF 5.16 206 Pn 10 42.40 -1.7
KHC 5.27 107 eP 10 45.90 0.2
e 12 16.00
KBA 6.22 125 iP 11 00.10 0.9
0.4s 3.60nm 4.5mb X
i 11 08.10
S.D. = 0.7 on 35 of 37 obs.

? DEC 07, 1985 23h 32m 13.81± 0.87s
44.183 N ±40.2km 17.568 E ±34.8km
DEPTH = 33.0km (normal)
YUGOSLAVIA (383)
ML 2.6 (KBA).

TRI 3.10 301 e(Pg) 33 02.00 0.5
i(Sg) 33 25.30
VOY 3.19 307 e(Pn) 33 02.00 -0.9
e(Sn) 33 34.00
iSg 33 44.10
SKO 3.60 127 ePn 33 08.50 -0.1
OHR 3.89 141 ePn 33 12.80 0.1
KBA 4.14 316 iPnd 33 16.90 0.4
i(Sn) 33 51.00
i 33 53.80
i 34 07.70
KHC 5.66 332 eP 34 10.90 33.1X
e 34 43.90
S.D. = 0.8 on 5 of 6 obs.

• DEC 08, 1985 02h 07m 05.06± 0.72s
28.307 N ±13.7km 140.337 E ±15.2km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
BONIN ISLANDS REGION (212)

C81 2.03 126 eP 07 37.00 -0.7
eS 08 00.00
MAT 8.40 348 eP 09 12.00 4.5X
1.0s 14.00nm 5.0mb X
eS 10 57.00
NJ2 18.94 287 Pd 11 37.00 11.2X
CN2 19.55 326 eP 11 33.00 0.2
TIA 21.12 298 eP 11 59.40 10.2X
BJI 23.09 307 eP 12 16.00 7.3X
eS 16 29.00
TIY 25.13 299 eP 12 34.00 5.4X
GTA 35.16 299 eP 13 57.00 -1.0
WB2 48.31 188 eP 15 45.70 0.3
WRA 48.32 188 Pd 15 45.80 0.4
0.8s 3.80nm 4.5mb
YKA 71.85 28 eP 18 29.70 3.5X
LRM 81.10 43 eP 19 19.40 0.7
S.D. = 0.9 on 6 of 12 obs.

& DEC 08, 1985 03h 42m 47.20s
31.820 N 115.000 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.0 (PAS).

GLA 1.24 7 eP 43 09.00 -1.6
IKP 1.25 312 eP 43 10.10 -0.8
iS 43 25.80
PBX 1.46 267 iPd 43 13.32 -0.8
S 43 32.77
CBX 1.50 290 iPc 43 14.04 -0.5
S 43 33.85
BAR 1.66 302 eP 43 16.80 -0.1
iS 43 37.40
5 obs. ossocioted

& DEC 08, 1985 04h 51m 49.91s
62.431 N 151.568 W
DEPTH = 86.2km
CENTRAL ALASKA (1)
<AGS-P>.

SKT 0.45 178 iP 52 03.67 -0.4
SUA 1.05 158 iP 52 09.43 -0.9
PWA 1.12 134 eP 52 10.26 -0.7
iS 52 26.97
CRP 1.20 194 iP 52 11.49 -0.7
SPU 1.28 191 eP 52 11.91 -1.1
iS 52 30.29
GHO 1.41 117 iP 52 14.09 -0.7
iS 52 33.59
PLRM 1.42 125 iP 52 13.89 -1.0
PME 1.44 123 eP 52 14.41 -0.7
PMS 1.52 140 iP 52 15.36 -0.9
SML 1.64 111 iP 52 16.70 -1.1
KNK 1.79 123 iP 52 18.37 -1.4
iS 52 41.41
RDT 1.91 193 iP 52 21.03 -0.3
iS 52 45.20
PTE 1.99 141 iP 52 20.51 -1.8
iS 52 45.61
SLKM 2.04 161 eP 52 22.14 -0.9
SCM 2.08 105 eP 52 22.20 -1.5
eS 52 53.25
CFI 2.20 123 eP 52 23.88 -1.3
PWL 2.21 134 eP 52 23.30 -2.0
eS 52 49.06
MPA 2.22 150 eP 52 23.75 -1.7
VZW 2.75 118 eP 52 31.04 -1.8
eS 53 03.75
KNIM 2.79 137 eP 52 29.20 -4.1
VLZ 2.81 115 eP 52 31.35 -2.2
KLU 2.83 107 eP 52 31.33 -2.6
iS 53 03.98
FID 2.96 122 eP 52 32.92 -2.7
23 obs. ossocioted

DEC 08, 1985 05h 23m 57.43± 0.51s
41.612 N ± 5.4km 23.217 E ± 4.3km
DEPTH = 10.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)

MMB 0.38 93 iPgc 24 05.00 -0.3
Sg 24 11.00
KNT 0.51 208 ePg 24 44.20 36.4X
VAY 0.57 239 iPg 24 08.00 -0.9
iSg 24 15.70
SRS 0.57 150 iPg 24 09.00 0.0
SOH 0.80 172 iPg 24 13.20 0.3
eSg 24 25.40
GRG 0.90 223 iPg 24 14.20 -0.5
VTS 0.99 359 iPgd 24 11.00 -5.1X
THE 1.00 191 ePg 24 16.90 0.6
eSg 24 32.00
PLD 1.21 66 iPgc 24 20.00 0.0
SKO 1.38 286 ePn 24 23.50 0.8
KDZ 1.60 88 eP 24 26.00 0.2
DIM 1.82 75 ePg 24 29.00 0.0
PVL 2.11 43 iPc 24 33.00 -0.2
S.D. = 0.5 on 11 of 13 obs.

DEC 08, 1985 06h 40m 41.83± 0.27s
13.755 S ± 4.8km 166.164 E ± 5.4km
DEPTH = 33.0km (normal)
5.1mb (15 obs.)
VANUATU ISLANDS (186)

PVC 4.47 153 iPc 41 55.50 6.5X
HNR 7.45 305 eP 42 31.00 -0.1
eS 43 57.00
SVO 7.72 306 iP 42 34.10 -0.8
e(S) 42 43.00
VSG 7.74 305 eP 42 34.00 -1.2
eS 42 44.00
DZM 8.28 178 iPc 42 40.00 -2.6
iS 44 11.10
NOU 8.51 178 iPc 42 44.40 -1.4
iS 44 19.00
NDF 11.57 112 eP 43 29.00 1.2
SGE 11.95 110 eP 43 30.10 -2.9X
BRS 18.45 221 P 44 57.60 0.8
i 45 08.00
iS 48 37.00
KVG 18.82 305 e(P) 45 00.00 -1.4

08d 06h

PMG	19.11	281	eP	45	06.00	1.1
CTA	20.05	249	iPd	45	15.10	-0.1
	1.2s	115.63nm			5.1mb	
			eS	49	05.00	
CTAO	20.05	249	eP	45	15.10	-0.1
	1.2s	72.97nm			4.9mb	
			e	45	25.50	
CRZ	21.42	165	eP	45	33.00	3.9X
KRP	25.48	163	P	46	09.00	0.4
YOU	26.02	215	eP	46	15.00	1.2
			e	46	45.90	
CAN	26.47	213	eP	46	20.30	2.4
			e	46	50.40	
GNZ	26.92	159	e(P)	46	31.60	9.7X
STK	28.84	227	eP	46	40.00	0.6
WB2	31.03	254	eP	46	57.70	-1.3
WRA	31.04	254	Pc	46	55.70	-3.4X
	1.1s	8.40nm			4.5mb	
ASPA	32.04	247	eP	47	06.00	-1.9
			eS	52	20.00	
ADE	32.55	225	iPc	47	13.30	1.1
KNA	36.19	262	eP	47	44.00	0.4
WBN	39.04	245	eP	48	08.00	0.5
MBL	44.68	254	eP	48	54.00	0.3
MEK	46.24	246	eP	49	06.00	0.0
	0.5s	10.00nm			5.0mb	
KLB	47.65	240	eP	49	16.00	-1.1
NWAO	48.34	238	eP	49	22.00	-0.4
			eS	56	28.00	
NAU	48.74	252	eP	49	26.00	0.4
MRWA	48.79	243	eP	49	25.00	-1.0
MUN	49.02	240	eP	49	26.50	-1.2
	0.9s	39.00nm			5.4mb	
MAT	56.55	333	(P)	50	22.00	-1.6
	1.1s	12.66nm			4.9mb	
			eS	58	32.00	
WHN	66.50	312	Pd	51	31.50	0.9
MDJ	66.92	332	eP	51	32.50	-0.6
IPM	67.14	281	ePc	51	35.10	0.0
			e	51	46.90	
TIA	67.90	319	eP	51	39.40	-0.1
CN2	68.26	329	P	51	40.40	-1.1
			pP	51	51.50	37kmX
GYA	70.28	305	P	51	54.80	0.4
			pP	52	06.00	37kmX
BJI	70.84	322	eP	51	57.00	-0.4
TIY	71.82	318	P	52	03.70	0.2
			pP	52	15.00	37kmX
XAN	72.24	313	Pd	52	05.70	-0.3
KMI	72.88	302	Pd	52	11.00	0.8
			pP	52	22.50	38kmX
CHG	73.76	295	iPd	52	15.80	1.0
	0.8s	9.33nm			4.8mb	
CHTO	73.70	295	eP	52	15.80	1.1
	1.2s	15.63nm			4.9mb	
HHC	74.15	320	P	52	18.00	0.9
CD2	74.57	308	eP	52	19.80	0.2
BTO	74.99	319	eP	52	23.50	1.6
SPA	76.33	180	ePc	52	29.70	0.5
	1.0s	17.50nm			5.0mb	
LZH	76.87	313	Pd	52	33.50	0.7
	2.0s	120.00nm			5.6mb	
			pP	52	45.50	40kmX
GTA	81.22	314	iPd	52	57.00	0.8
			pP	53	07.50	33kmX
COL	85.76	18	iPc	53	17.80	-0.8
	0.8s	29.85nm			5.6mb	
PKI	88.29	299	eP	53	32.70	0.6
	0.6s	15.00nm			5.5mb	
KKN	88.40	299	eP	53	33.40	0.6
	0.8s	26.00nm			5.6mb	
DMN	88.56	299	eP	53	34.70	1.4
	1.0s	83.00nm			6.0mb	
EUR	89.52	49	iP	53	36.20	-1.4
	0.8s	2.21nm			4.5mb	
YKA	97.18	27	eP	54	11.30	-0.6
KJF	122.05	340	ePKP	59	34.00	0.0
SUF	123.56	339	iPKP	59	36.00	-1.0
	0.8s	6.80nm				
NUR	125.57	338	ePKP	59	40.00	-1.0
HFS	129.48	343	ePKP	59	46.20	-2.3X
	0.7s	1.60nm				
KSP	135.69	333	ePKP	00	02.50	1.9
KHC	138.14	333	iPKP	00	07.40	2.0X
KBA	139.75	331	ePKP	00	12.00	3.5X
GRC	143.70	340	iPKPc	00	12.60	-2.6X
SSF	143.76	340	ePKP	00	12.90	-2.4X
GRR	143.83	345	ePKP	00	15.40	0.0
LPG	143.87	335	ePKP	00	13.70	-2.2X
SMF	144.01	339	ePKP	00	13.20	-2.6X
AVF	144.05	340	ePKP	00	13.20	-2.6X
BGF	144.42	340	ePKP	00	15.00	-1.4
SOB1	144.76	129	ePKP	00	15.70	-2.3X
			e	00	19.80	
MZF	144.81	340	ePKP	00	16.20	-0.9
TCF	144.87	341	ePKP	00	16.20	-1.1
LSF	145.12	341	ePKP	00	16.90	-0.7
CVF	145.23	330	ePKP	00	17.30	-0.7
MFF	145.29	343	ePKP	00	17.60	-0.3
FRF	145.48	333	ePKP	00	18.40	0.1
LRG	145.69	334	ePKP	00	19.20	0.5
LMR	145.72	333	ePKP	00	19.00	0.2
CDR	145.77	334	ePKPc	00	18.90	0.1
			i	00	30.50	
			e	00	40.80	
			e	01	07.60	
RJF	145.96	341	ePKP	00	20.50	1.4
CAF	146.11	340	ePKP	00	21.50	2.1X
LFF	146.54	341	ePKP	00	21.70	1.7
LPO	146.62	340	ePKP	00	22.00	1.8
BNG	146.75	257	iPKPd	00	21.80	0.5
	0.9s	73.00nm				
			id	00	23.00	
			id	00	34.80	
			ic	00	57.60	
BCAO	146.76	257	ePKP	00	20.30	-1.0
	1.3s	76.39nm				
			e	00	34.00	
ITR	146.89	131	ePKP	00	20.70	-0.8
			e	00	23.50	
			e	00	33.90	
			e	01	03.20	
MLS	148.18	339	iPKPd	00	26.00	3.2X
EPF	148.37	340	ePKP	00	26.90	3.8X
	S.D. = 1.0		on 73 of 90 obs.			

& DEC 08, 1985 07h 32m 23.31s
59.882 N 150.244 W
DEPTH = 39.1km
4.8mb (6 obs.)

KENAI PENINSULA, ALASKA (14)

<AGS-P>. Felt at Homer and Seward.

BRLK	0.34	250	iP	32	31.41	-0.7
			iS	32	37.90	
SEW	0.46	61	iP	32	32.86	-0.6
			iS	32	40.01	
NNL	0.55	287	iP	32	34.93	0.2
CNPM	0.62	235	iP	32	35.33	-0.3
			iS	32	44.50	
SLKM	0.63	1	iP	32	35.32	-0.5
			lS	32	44.60	
MPA	0.75	36	iP	32	37.09	-0.4
			iS	32	46.97	
NKA	1.00	331	iP	32	42.13	1.2
			lS	32	54.25	
PTE	1.16	31	iP	32	43.08	-0.2
RDT	1.28	304	iP	32	44.53	-0.6
MTU	1.31	84	iP	32	44.14	-1.3
ILM	1.33	284	iP	32	44.85	-0.8
KNIM	1.34	68	iP	32	44.87	-1.0
PWL	1.36	43	iP	32	46.08	-0.2
PMS	1.41	14	eP	32	46.60	-0.3
LOU	1.43	65	iP	32	45.88	-1.2
SPU	1.58	326	iP	32	49.08	-0.3
SUA	1.61	351	iP	32	49.55	-0.2
CGLM	1.67	329	iP	32	50.43	-0.3
CRP	1.68	327	iP	32	50.78	-0.1
KNK	1.77	29	iP	32	51.68	-0.4
			lS	33	18.08	
PWA	1.78	6	eP	32	52.30	0.1
PLRM	1.80	17	iP	32	52.00	-0.4
PME	1.85	18	eP	32	52.60	-0.6
GLI	1.86	56	iP	32	51.88	-1.4
HIN	1.94	73	iP	32	53.17	-1.4
GHO	2.00	18	iP	32	55.10	-0.4
MLD	2.03	101	eP	32	56.20	0.4
FID	2.07	63	iP	32	54.37	-1.9
SML	2.15	25	iP	32	57.00	-0.5
SKT	2.20	344	iP	32	57.96	-0.2
VLZ	2.31	55	iP	32	58.57	-1.1
SCM	2.42	35	iP	33	01.13	-0.3
KDC	2.44	210	eP	33	00.40	-1.1
SGAM	2.59	74	iP	33	01.82	-2.0
KLU	2.67	51	iP	33	04.19	-0.8
SVW	2.93	297	eP	33	06.80	-1.8
KAIM	2.94	87	eP	33	06.77	-1.8
TOA	2.98	40	eP	33	09.20	-0.2
HMT	3.03	79	iP	33	07.75	-2.2
GLB	3.53	61	iP	33	15.26	-1.9
SNH	3.73	82	eP	33	20.02	0.1
			lS	33	58.82	
WAX	3.74	78	iP	33	17.17	-2.9
BALM	4.08	70	eP	33	22.24	-2.7
TTA	4.13	320	eP	33	24.00	-1.6
YAH	4.28	80	eP	33	25.36	-2.5
COL	5.16	12	iPd	33	39.00	-1.2
IMA	6.40	347	eP	33	56.70	-1.0
DWY	6.59	46	P	33	58.30	-1.9
			Lg	35	44.30	
SIT	8.32	103	eP	34	24.00	-0.2
BRW	11.77	350	eP	35	12.10	0.7
YKA	17.23	66	eP	36	20.20	-2.1
YKC	17.30	66	eP	36	20.00	-3.1
MBC	19.61	21	eP	36	47.00	-3.7
PNT	20.46	107	eP	36	59.00	-0.8
	0.6s	4.00nm			3.9mb	
EDM	21.17	92	ePd	37	06.00	-1.1
SES	23.99	96	eP	37	34.00	-0.9
FFC	26.09	80	eP	37	56.00	1.4
EUR	29.61	118	iP	38	26.50	-0.5
	0.2s	7.82nm			5.1mb	
ACO	39.79	102	ePd	39	53.10	-0.9
DAG	40.24	15	iPc	39	55.00	-2.1
	0.3s	15.58nm			5.3mb	
TUL	42.08	100	ePc	40	11.20	-1.4
	1.0s	8.10nm			4.4mb	
RLO	42.26	99	iP	40	12.70	-1.4
			e	40	24.30	
BHO	43.75	100	eP	40	25.20	-1.1
JCT	44.51	108	eP	40	31.80	-0.8
	1.0s	17.50nm			4.8mb	
			e	40	43.00	
HFS	59.67	9	eP	42	21.20	-4.2
	0.4s	2.30nm			4.7mb	
	65 obs. associated					

DEC 08, 1985 08h 14m 32.34± 0.46s
41.581 N ± 6.2km 19.230 E ± 3.9km
DEPTH = 10.0km (geophysicist)

ALBANIA (391)

OHR	1.27	111	iPn	14	55.00	-1.0
			iSn	15	13.90	
SKO	1.70	76	iPn	15	02.00	-0.2
			iSn	15	22.70	
KZN	2.31	123	ePn	15	14.50	3.4X
			eSb	15	51.40	
GRG	2.47	104	ePb	15	13.60	0.3
VAY	2.52	95	iPn	15	14.20	0.2
KNT	2.79	97	ePb	15	18.40	0.5
			e	15	52.00	
THE	2.98	107	ePn	15	20.10	-0.3
VTS	3.12	70	iP	15	23.00	0.5
			lSg	15	59.00	
SRS	3.32	97	ePn	15	25.40	0.1
			eSn	15	57.60	
MMB	3.37	88	iPgc	15	26.00	-0.2
VLS	3.56	162	ePn	15	30.00	1.3
KDZ	4.59	87	eP	15	40.00	-3.4X
GZR	4.60	33	ePd	15	43.00	-0.6
PVL	4.67	68	eP	15	44.00	-0.6
DIM	4.77	82	eP	15	52.00	6.0X
CEY	5.42	322	iPn	15	55.50	0.3
			iSn	16	59.40	
JMB	5.55	78	eP	15	56.00	-1.0
LJU	5.61	324	ePn	15	58.50	0.7
			eSn	17	04.00	
VOY	5.89	321	ePn	16	01.80	0.0
			eSn	17	09.50	
MLR	6.25	49	ePc	16	08.00	1.0
KBA	6.93	324	e(Pn)	16	17.50	1.0
			i(Sn)	17	38.00	
CVF	7.77	281	eP	16	27.30	-0.9
	0.9s	9.80nm			5.0mb X	
KHC	8.53	334	eP	16	43.40	4.6X
LPG	9.87	298	eP	16	56.30	-1.3
	0.7s	5.50nm			5.1mb X	
	S.D. = 0.8		on 20 of 24 obs.			

DEC 08, 1985 08h 25m 22.25± 0.72s
50.211 N ± 7.4km 12.437 E ± 5.7km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

HOF	0.37	286	ePg	25 30.10	0.2
MOX	0.68	310	ePg	25 35.50	-0.3
			iSg	25 45.00	
CLL	1.16	18	iPg	25 44.10	0.2
			iSg	25 59.20	
BRG	1.17	55	iPg	25 43.90	-0.2
			iSg	25 59.10	
KHC	1.31	145	ePg	25 46.50	0.0
			eSg	26 04.00	
PRU	1.37	99	ePg	25 47.50	0.1
			eSg	26 04.50	

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

• DEC 08, 1985 08h 28m 15.62± 0.54s
13.681 S ± 8.0km 166.124 E ±10.5km
DEPTH = 33.0km (normal)
4.7mb (6 obs.)
VANUATU ISLANDS (186)

HNR	7.38	304	eP	30 03.00	-0.8
SVO	7.65	305	iP	30 08.00	0.4
VSG	7.67	304	eP	30 07.00	-0.9
DZM	8.35	178	iPc	30 16.00	-1.5
			iS	31 48.00	
NOU	8.59	178	iPc	30 20.50	-0.1
			iS	31 53.50	
BRS	18.48	220	P	32 36.00	5.1X
			eS	36 12.00	
CTA	20.04	249	iPd	32 48.70	-0.2
	1.0s		16.00nm		4.3mb
CTAO	20.04	249	eP	32 48.00	-0.9
	0.8s		12.79nm		4.3mb
YOU	26.06	215	eP	33 49.80	1.9
WRA	31.02	254	P	34 33.00	0.3
	0.2s		0.30nm		3.7mb
COL	85.70	18	eP	40 51.00	-1.1
	0.8s		10.45nm		5.1mb
PKI	88.22	299	eP	41 06.60	1.0
	0.7s		9.00nm		5.2mb
DMN	88.49	299	eP	41 08.30	1.5
	0.7s		20.00nm		5.5mb
MZF	144.72	340	ePKP	47 48.90	-1.9
TCF	144.78	341	ePKP	47 50.10	-0.8
	0.9s		6.50nm		
SOB1	144.84	129	ePKP	47 48.80	-3.1X
LSF	145.03	341	ePKP	47 50.90	-0.4
	0.9s		11.40nm		
CVF	145.15	330	ePKP	47 51.30	-0.3
	0.8s		6.40nm		
MFF	145.21	343	ePKP	47 51.70	0.1
	0.8s		8.00nm		
FRF	145.40	333	ePKP	47 52.40	0.4
	0.8s		10.70nm		
LMR	145.64	333	ePKP	47 53.00	0.6
	0.8s		6.40nm		
RJF	145.88	340	ePKP	47 54.60	1.8
CAF	146.03	340	ePKP	47 55.60	2.5X
BCAO	146.74	257	ePKP	47 56.00	0.9
	0.7s		44.47nm		
			e	48 08.80	

S.D. = 1.1 on 21 of 24 obs.

• DEC 08, 1985 09h 06m 32.94± 0.97s
23.722 S ±10.0km 67.193 W ±11.0km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

SLA	1.85	123	iPc	07 03.00	0.0
			S	07 28.20	
TPZ	2.63	32	iP	07 20.00	5.7X
			iS	08 04.50	
ANT	2.95	270	iPc	07 18.60	0.0
			iS	07 54.30	
CNCB	6.92	354	P	08 16.00	0.8
LPB	7.20	353	eP	08 19.00	-0.1
ZOBO	7.47	353	eP	08 22.10	-0.8

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

& DEC 08, 1985 09h 47m 49.85s
62.294 N 151.141 W
DEPTH = 73.3km
CENTRAL ALASKA (1)

<AGS-P>.

SKT	0.36	210	iP	48 01.76	-0.3
			iS	48 10.90	
SUA	0.85	167	iP	48 06.52	-0.6
			iS	48 19.83	
PWA	0.88	137	iP	48 06.65	-0.6
CRP	1.14	206	eP	48 10.01	-0.7
			iS	48 26.65	
GHO	1.17	116	eP	48 10.76	-0.3
			iS	48 27.36	
PLRM	1.18	126	iP	48 10.34	-0.7
SPU	1.20	202	iP	48 10.58	-0.8
			iS	48 26.85	
PME	1.20	123	eP	48 10.77	-0.6
PMS	1.29	144	iP	48 11.81	-0.8
SML	1.41	109	iP	48 13.62	-0.5
KNK	1.55	124	iP	48 15.14	-0.9
NKA	1.56	182	eP	48 17.40	1.3
PTE	1.76	144	iP	48 17.16	-1.6
RDT	1.83	200	iP	48 19.32	-0.6
			iS	48 42.82	
SLKM	1.85	166	eP	48 19.28	-0.8
			iS	48 43.78	
CFI	1.96	123	iP	48 19.95	-1.5
PWL	1.97	136	iP	48 19.71	-2.0
			iS	48 43.78	
MPA	2.00	154	eP	48 20.46	-1.7
			iS	48 49.09	
ILM	2.27	202	eP	48 26.29	0.4
TOA	2.34	92	eP	48 26.49	-0.4
			iS	49 00.60	
GLI	2.40	124	eP	48 25.38	-2.3
LOU	2.49	136	iP	48 25.54	-3.4
			iS	48 54.83	
VZW	2.51	118	eP	48 27.61	-1.7
KNIM	2.55	138	iP	48 26.19	-3.6
VLZ	2.57	115	eP	48 28.09	-1.9
KLU	2.60	106	iP	48 28.62	-1.9
			iS	48 59.07	
FID	2.72	123	iP	48 29.30	-2.8
			iS	49 00.65	
MTU	2.87	142	eP	48 30.87	-3.3
GLB	3.58	101	eP	48 41.96	-2.2

29 obs. associated

? DEC 08, 1985 10h 22m 10.21± 2.69s
4.998 S ±31.3km 154.606 E ±22.7km
DEPTH = 156.3 ± 16.7 km
4.0mb (2 obs.)
SOLOMON ISLANDS (193)

BGA	1.28	153	iPd	22 37.90	-0.6
			eS	22 58.00	
PAA	1.57	146	iPd	22 41.60	0.3
			eS	23 08.00	
RAB	2.56	288	eP	22 54.00	1.2
			iS	23 29.00	
BIAL	3.55	265	eP	23 04.00	-1.5
PMG	8.59	239	eP	24 13.00	0.4
CTA	17.06	208	iP	26 02.00	1.1
	0.8s		6.72nm		4.0mb
WB2	24.68	231	eP	27 19.00	0.7
WRA	24.69	231	Pc	27 16.90	-1.5
	0.6s		3.30nm		4.1mb

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

• DEC 08, 1985 12h 32m 24.39± 2.27s
32.898 S ± 7.4km 71.653 W ±19.0km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

ROCH	0.55	98	iPd	32 35.30	-0.2
			iS	32 44.70	
PEL	0.85	107	iPd	32 40.50	-0.3
			iS	32 54.20	
TACH	0.96	142	iPc	32 42.50	-0.2
			i(S)	32 57.00	
SAN	1.00	124	eP	32 43.00	-0.3
			iS	32 59.00	
CHCH	1.33	141	iPc	32 49.00	0.0
ZON	2.86	63	eP	33 12.00	1.1
RFA	3.24	126	e(P)	33 17.10	0.7
VCA	5.10	37	ePd	33 42.00	-0.8
			S	34 54.10	

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

DEC 08, 1985 13h 35m 00.73± 0.98s
30.922 N ± 5.3km 86.598 E ± 4.5km
DEPTH = 37.4 ± 10.0 km
4.8mb (28 obs.) 4.7Msz (1 obs)
TIBET (306)

KKN	3.33	201	iPd	35 51.90	0.1
PKI	3.50	198	iPd	35 53.80	-0.6
DMN	3.55	202	iPd	35 56.40	1.4
LSA	4.12	106	Pn	36 04.50	1.1
			Sn	37 03.00	
NDI	8.45	257	iPc	36 58.50	-5.2X
	1.0s		110.00nm		5.9mb X
KSH	12.15	317	eP	37 50.00	-4.4X
			S	40 10.00	
WMQ	12.91	4	P	38 05.00	0.7
GTA	13.72	48	P	38 13.50	-1.6
CD2	14.73	86	iPc	38 30.90	2.6X
LZH	15.28	66	eP	38 38.50	3.0X
	2.0s		86.00nm		4.6mb
			eS	41 39.00	
HYB	15.31	210	eP	38 31.50	-4.4X
KMI	15.38	108	P	38 37.00	0.1
CHG	16.44	134	iPc	38 48.40	-1.9
	1.2s		39.06nm		4.4mb
			eS	42 40.00	
POO	16.90	226	iPc	38 57.00	0.9
			iS	43 50.00	
BOM	17.29	229	eP	39 18.20	17.3X
			iS	43 10.20	
GYA	18.15	99	P	39 13.00	1.2
			S	42 38.00	
XAN	19.08	75	eP	39 20.80	-2.2
GBA	19.19	208	Pd	39 22.00	-2.3
	0.8s		14.50nm		4.3mb
LOE	19.25	131	eP	39 25.00	0.1
NST	19.59	138	eP	39 27.00	-1.7
BTO	21.26	57	eP	39 45.50	-0.5
NNT	21.91	144	eP	39 55.00	2.5X
			e	41 29.00	
KOD	22.27	204	eP	39 57.00	0.5
TIY	22.35	65	eP	39 58.00	1.1
HHC	22.46	57	eP	39 58.00	0.1
WHN	23.84	84	eP	40 12.00	0.7
			pP	40 15.50	12kmX
GZH	25.03	102	eP	40 24.00	1.1
BJI	25.65	61	eP	40 29.50	0.9
HKC	26.05	103	eP	40 31.00	-1.4
			e(S)	45 18.00	
IPM	29.52	150	ePd	41 05.00	1.1
			e	42 36.50	
SNY	31.48	59	eP	41 20.90	-0.1
CN2	33.15	56	P	41 34.80	-0.8
ANTO	44.19	297	eP	43 09.20	1.3
	0.5s		2.55nm		4.3mb
MLR	48.72	305	ePc	43 43.50	-0.2
KJF	49.15	330	iP	43 46.00	-0.4
	0.8s		22.00nm		5.2mb
SUF	49.52	328	iP	43 49.50	0.1
	0.5s		12.50nm		5.2mb
NUR	49.89	325	iP	43 52.00	-0.2
	0.6s		10.40nm		5.0mb
SOD	50.36	334	iP	43 55.50	-0.2
KEV	50.89	337	eP	44 03.00	3.3X
SPC	52.26	311	eP	44 12.40	1.8
UPP	53.34	324	iP	44 17.60	-0.6
KSP	54.62	313	eP	44 27.50	-0.2
			e	16 04.00	
HFS	55.31	324	eP	44 31.00	-1.6
	0.7s		14.50nm		5.1mb
Z	18s		0.61um		4.7Msz
			LR	07 14.00	
PRU	55.84	312	eP	44 37.00	0.4
			e	46 13.50	
NB2	56.48	326	P	44 39.00	-2.1
	0.9s		12.20nm		4.9mb
KHC	56.61	311	P	44 42.80	0.6
			i	44 44.00	
			e	46 17.50	
CLL	56.61	314	e(P)	44 46.00	4.0X
NAI	57.09	245	eP	44 45.00	-1.2
	0.7s		13.70nm		5.1mb
TRI	57.14	307	eP	44 43.50	-2.4
MOX	57.58	313	eP	44 51.00	2.0
			e	46 22.00	
			LQ	10 30.00	
			LR	12 12.00	

08d 13h

BSF	61.29	311	eP	45	15.40	0.7
	1.2s		11.90nm			4.9mb
LPG	61.96	308	eP	45	20.40	0.9
	1.0s		16.00nm			5.1mb
LOR	63.36	311	eP	45	28.70	0.3
	0.8s		2.60nm			4.4mb
LBF	63.37	311	eP	45	28.60	0.1
	0.8s		2.60nm			4.4mb
SMF	63.58	310	eP	45	30.20	0.5
	1.2s		11.90nm			4.9mb
DAG	63.57	346	iPd	45	28.10	-1.3
	1.2s		10.94nm			4.8mb
			i	47	03.00	
SSF	63.65	311	eP	45	30.90	0.6
	0.8s		5.30nm			4.7mb
AVF	63.84	311	eP	45	31.90	0.4
	1.2s		11.90nm			4.9mb
MZF	64.52	310	eP	45	37.30	1.3
	0.8s		4.00nm			4.5mb
TCF	64.74	310	eP	45	38.30	0.8
	0.8s		6.70nm			4.8mb
CAF	65.29	309	eP	45	41.90	0.9
	1.0s		6.00nm			4.6mb
WRA	68.27	131	Pd	46	02.30	2.1
	0.8s		7.60nm			4.8mb
WB2	68.27	131	eP	46	01.00	0.8
BNG	68.93	262	iPd	46	02.30	-2.1
	0.4s		4.00nm			4.8mb
TET	69.18	235	eP	46	07.00	1.2
			e	47	42.00	
ASPA	70.72	134	eP	46	17.00	1.9
			e	47	48.00	
MTD	71.01	236	iPd	46	18.00	0.8
MBC	71.85	6	eP	46	21.00	-0.1
KRI	72.46	237	eP	46	23.50	-2.4
BUL	75.34	235	iPd	46	40.40	-2.1
	0.8s		23.51nm			5.2mb
COL	75.58	21	eP	46	43.00	0.0
	1.0s		11.00nm			4.8mb
CTA	76.50	123	iP	46	51.90	3.0X
	0.8s		10.07nm			4.9mb
CTAO	76.50	123	eP	46	48.80	-0.1
	0.9s		7.79nm			4.7mb
INK	76.68	14	eP	46	49.00	-0.1
RPI	79.72	231	eP	47	09.00	2.3X
ADE	81.05	139	iPd	47	20.40	2.9X
	0.7s		27.40nm			5.4mb
YKA	85.36	10	eP	47	35.10	0.1
LPB	152.85	296	ePKP	54	48.00	-0.9
TPZ	153.49	284	ePKP	54	59.00	9.3X
	S.D. = 1.2		on 66 of 79 obs.			

DEC 08, 1985 13h 36m 34.19± 0.40s
30.751 N ± 8.7km 86.621 E ± 6.1km
DEPTH = 33.0km (normal)
4.9mb (19 obs.)
TIBET (306)

HYB	15.17	211	eP	40	02.50	-5.3X
KMI	15.30	108	eP	40	14.00	4.3X
LZH	15.33	65	eP	40	10.00	0.1
			eS	43	10.00	
CHTO	16.31	134	eP	40	24.00	1.7
GYA	18.11	99	Pc	40	45.00	0.1
			pP	40	49.40	
			S	44	10.00	
GBA	19.05	208	Pc	40	56.80	0.4
	0.9s		16.30nm			4.3mb
BTO	21.34	56	iPd	41	20.10	-0.6
HHC	22.53	57	eP	41	33.00	0.4
BJI	25.72	61	eP	42	04.50	1.4
TIA	25.98	70	Pd	42	05.90	0.5
SNY	31.55	59	iPc	42	55.20	-0.4
CN2	33.22	56	Pc	43	09.00	-1.2
			pP	43	16.00	24kmX
VRI	48.27	306	eP	45	16.00	2.1
KJF	49.31	330	eP	45	20.00	-1.6
	0.8s		22.00nm			5.2mb
			i	45	24.00	
SUF	49.68	328	iP	45	23.20	-1.3
	0.5s		11.30nm			5.2mb
NUR	50.04	325	iP	45	26.80	-0.4
	0.6s		15.00nm			5.2mb
			i	45	30.00	
SOD	50.52	334	eP	45	24.00	-6.9X
			e	45	30.00	
KEV	51.06	337	eP	45	34.00	-0.9
UPP	53.49	324	iP	45	51.40	-1.8
HFS	55.46	324	eP	46	05.20	-2.5
	0.6s		25.70nm			5.4mb
NB2	56.63	326	P	46	13.00	-3.2X
	0.9s		14.90nm			5.0mb
TRI	57.26	307	eP	46	20.40	-0.3
BSF	61.42	311	eP	46	51.70	2.2
	0.7s		4.40nm			4.7mb
LPG	62.08	308	eP	46	55.50	1.2
	0.8s		9.90nm			5.0mb
SMF	63.69	310	eP	47	05.10	0.6
	0.7s		5.50nm			4.8mb
SSF	63.78	311	eP	47	06.00	0.9
	0.8s		8.50nm			4.9mb
AVF	63.96	311	eP	47	06.70	0.4
	0.7s		3.30nm			4.5mb
BGF	64.36	310	eP	47	10.60	1.7
	0.8s		5.30nm			4.7mb
TCF	64.87	310	eP	47	13.40	1.2
	0.8s		5.30nm			4.7mb
EKA	65.20	321	P	47	16.00	1.8
	0.8s		7.70nm			4.9mb
LSF	65.33	310	eP	47	15.70	0.5
	0.8s		4.00nm			4.6mb
LDF	65.61	313	eP	47	17.80	0.9
	0.8s		11.80nm			5.0mb
GRR	66.14	313	eP	47	21.20	0.9
	0.8s		10.70nm			5.0mb
WB2	68.15	131	eP	47	32.20	-1.2
BNG	68.92	262	iPd	47	38.90	0.5
	0.5s		14.00nm			5.3mb
BCAO	68.94	262	e(P)	47	36.90	-1.6
MTD	70.94	236	eP	47	48.90	-1.8
KRI	72.39	237	eP	47	58.80	-0.6
BUL	75.26	235	eP	48	14.30	-1.7
	0.5s		13.38nm			5.2mb
COL	75.73	21	eP	48	17.00	-0.9
INK	76.84	14	eP	48	23.50	-0.5
YKA	85.53	10	eP	49	09.30	-0.5
SOB1	126.76	282	ePKP	55	39.30	2.6X
	S.D. = 1.3		on 38 of 43 obs.			

DEC 08, 1985 14h 24m 32.20± 0.29s
30.893 N ± 5.3km 86.535 E ± 4.5km
DEPTH = 33.0km (normal)
4.9mb (19 obs.)
TIBET (306)

KKN	3.28	200	iPd	25	24.90	2.2
PKI	3.45	197	iPd	25	27.00	1.7
DMN	3.50	201	iPd	25	27.70	1.8
LSA	4.16	105	ePn	25	37.80	2.3
NDI	8.39	257	iPd	26	32.20	-2.3
	0.5s		24.65nm			5.6mb
KSH	12.14	318	eP	27	29.00	3.2X
GTA	13.78	48	P	27	46.00	-1.6
CD2	14.79	86	eP	28	02.40	1.6
HYB	15.26	210	eP	28	00.00	-6.9X
LZH	15.34	66	eP	28	07.50	-0.5
KMI	15.42	108	eP	28	13.00	3.9X
CHG	16.46	134	iPd	28	21.40	-0.9
	1.0s		17.50nm			4.1mb
CHTO	16.46	134	eP	28	21.00	-1.3
POO	16.84	226	eP	28	25.00	-2.1
GYA	18.20	99	P	28	44.00	-0.1
			S	32	05.00	
GBA	19.14	208	Pc	28	54.60	-0.9
	0.6s		12.10nm			4.3mb
XAN	19.14	75	P	28	53.40	-2.0
BTO	21.32	57	eP	29	19.00	0.5
NNT	21.92	143	eP	29	28.20	3.7X
KOD	22.22	204	eP	29	29.00	1.1
TIY	22.41	65	eP	29	27.00	-2.3
			eP	29	38.00	
HHC	22.52	57	P	29	31.60	1.2
WHN	23.89	84	eP	29	42.60	-1.2
BJI	25.71	61	eP	30	02.50	1.5
			eS	34	29.00	
TIA	25.98	70	eP	30	05.00	1.4
CN2	33 21	56	Pc	31	07.60	-0.4
			pP	31	14.20	23kmX
			eS	36	17.00	
ANTO	44.15	297	eP	32	41.10	1.6
	0.7s		10.80nm			4.8mb
MLP	48.70	305	ePd	33	17.00	1.6
KJF	49.15	330	iP	33	19.00	0.6
	0.7s		17.40nm			5.2mb
SUF	49.52	328	iP	33	22.40	1.1
	0.6s		17.20nm			5.3mb
NUR	49.88	325	iP	33	25.40	1.4
	0.7s		14.60nm			5.1mb
SOD	50.37	334	eP	33	26.00	-1.7
UPP	53.33	324	iP	33	50.60	0.6
KSP	54.60	313	eP	34	00.00	0.5
HFS	55.30	324	eP	34	04.40	-0.1
	0.7s		15.70nm			5.2mb
PRU	55.82	312	eP	34	09.00	0.6
NB2	56.47	326	P	34	12.80	-0.2
	0.8s		10.10nm			4.9mb
KHC	56.58	311	P	34	15.00	1.1
MOX	57.56	313	eP	34	24.00	3.2X
BSF	61.27	311	eP	34	46.40	-0.1
	1.0s		8.00nm			4.8mb
LPG	61.94	308	eP	34	51.50	0.0
	0.8s		9.40nm			5.0mb
SMF	63.54	310	eP	35	01.00	-0.5
	1.0s		4.80nm			4.6mb
SSF	63.63	311	eP	35	01.90	-0.2
AVF	63.81	311	eP	35	02.80	-0.5
MZF	64.50	310	eP	35	07.40	-0.4
	1.2s		17.80nm			5.0mb
TCF	64.72	310	eP	35	09.30	0.0
	1.2s		11.90nm			4.9mb
EKA	65.05	321	Pd	35	12.30	1.1
	1.1s		11.70nm			4.9mb
WRA	68.29	131	Pc	35	31.90	-0.4
	0.8s		5.40nm			4.7mb
WB2	68.30	131	eP	35	30.90	-1.4
BNG	68.87	262	iPc	35	34.30	-1.8
	0.9s		18.00nm			5.1mb
			ic	35	38.40	
BCAO	68.88	262	eP	35	34.60	-1.5
	0.6s		4.35nm			4.7mb
MTD	70.95	236	iPc	35	48.00	-0.8
MBC	71.88	6	eP	35	54.00	0.7
KRI	72.40	237	eP	35	56.00	-1.5
BUL	75.28	235	iPc	36	14.00	-0.2
	0.8s		8.21nm			4.8mb
COL	75.63	21	eP	36	15.00	-0.3
YKA	85.40	10	eP	37	08.00	0.8
KIC	87.87	276	eP	37	20.30	0.2
ZOBO	152.68	296	ePKP	44	28.70	7.8X
	Z 24s		0.13um			4.6MszX
			LR	53	12.00	
LPB	152.81	296	ePKP	44	29.00	8.1X
CNCB	152.89	295	PKP	44	30.00	8.3X
TPZ	153.45	284	PKPc	44	32.00	10.1X
	S.D. = 1.3		on 53 of 62 obs.			

* DEC 08, 1985 14h 34m 49.30± 0.94s
35.386 N ± 8.0km 3.859 W ±10.4km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)

ALR	0.87	50	iPg	35	06.00	0.0
			i	35	16.00	
			iSg	35	21.00	
			i	35	25.00	
TAF	1.32	115	iPg	35	14.00	0.3
			iSg	35	30.50	
CRT	1.81	7	eP	35	24.80	4.0X
ALM	1.85	37	ePn	35	20.60	-0.7
			eSn	35	41.70	
			iSg	35	43.50	
IFR	2.14	210	iPn	35	25.50	-0.2
			iSn	36	00.00	
AVE	3.60	236	ePn	35	52.00	5.7X
TOL	4.49	358	ePn	35	59.50	0.6
			eSn	36	58.00	
			eSb	37	48.00	
			eSg	37	26.00	
	S.D. = 0.7		on 5 of 7 obs.			

* DEC 08, 1985 15h 39m 10.75± 0.72s
53.794 N ±15.0km 163.973 W ± 8.3km
DEPTH = 33.0km (normal)
4.8mb (16 obs.)
UNIMAK ISLAND REGION (10)

KDC	7.59	54	eP	41	06.50	-1.2
ADK	7.93	261	eP	41	05.00	-1.6
COL	13.80	30	eP	42	24.00	-2.1
YKA	26.83	51	eP	44	50.10	0.6
MBC	28.03	21	eP	45	30.00	-0.2

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EUR    35.21   94 iP      46 03.00   -0.9
       0.2s      2.79nm              4.8mb
MAT    42.97  271 eP      47 08.00   -0.2
       1.0s     20.00nm              4.8mb
DAG    47.84   10 iPc     47 45.80   -0.7
       0.7s     10.27nm              5.0mb
HHC    55.39  293 eP      48 43.60   -0.3
XAN    61.74  290 P       49 27.20   -0.9
KJF    61.99  354 eP      49 28.00   -1.3
GTA    62.66  300 Pc      49 33.00   -1.3
SUF    63.56  355 iP      49 39.00   -0.6
       0.4s      2.90nm              4.7mb
NB2    65.45    3 P       49 51.80   -0.2
       0.9s      6.60nm              4.7mb
NUR    65.84  355 iP      49 53.60   -0.8
HFS    66.41    1 eP      49 57.10   -0.9
       0.5s      6.60nm              5.0mb
CD2    66.97  291 P       50 02.70    0.6
GYA    68.74  286 P       50 13.00   -0.3
WTS    74.30    6 eP      50 47.00    1.0
                 e         50 57.00
ENN    75.47    7 ePd     50 53.50    0.8
       0.9s     10.00nm              4.8mb
                 e         51 04.00
MEM    75.63    7 P       50 53.50   -0.1
DOU    76.04    8 P       50 56.70    0.7
WLF    76.58    7 P       51 00.40    1.4
KHC    77.43    2 P       51 05.40    1.6
                 e         51 09.10
BSF    78.45    6 eP      51 10.20    0.7
GRC    78.69    9 iPc     51 11.30    0.6
LOR    70.78    0 eP      51 10.90   -0.3
       0.8s      5.90nm              4.6mb
SSF    78.96    9 eP      51 12.70    0.5
       0.8s      5.30nm              4.6mb
LBF    79.08    8 eP      51 13.10    0.2
       0.8s      3.20nm              4.4mb
KKN    79.21  302 eP      51 14.80    0.6
       0.6s     11.00nm              5.0mb
PKI    79.33  302 eP      51 15.40    0.5
       0.6s     12.00nm              5.1mb
SMF    79.40    9 eP      51 15.10    0.5
       1.0s      4.00nm              4.4mb
DMN    79.45  303 eP      51 16.20    0.7
       0.6s     17.00nm              5.2mb
KBA    79.48    2 iPd     51 16.70    1.5
       0.8s      7.10nm              4.7mb
                 i         51 26.90
LSF    79.57   10 eP      51 15.90    0.4
EPF    82.62   12 eP      51 31.80    0.2
IR2    85.94  332 (P)     51 50.00    1.4
GBA    95.04  301 Pc      52 36.30    4.9X
       0.7s      0.60nm              4.1mb
BUL   145.05  339 iPKPd    58 45.50   -0.7
       0.8s     11.94nm
     S.D. = 0.9  on  38 of  39 obs.

?  DEC  08, 1985  16h 04m 00.00± 1.35s
   48.145 N ±29.6km  154.498 E ± 9.4km
   DEPTH =  33.0km  (normal)
   4.7mb (  9 obs.)
 KURIL ISLANDS                      (221)

MAT    16.68  232 eP      07 50.00   -2.7X
COL    34.49   40 eP      10 46.20   -0.3
INK    39.97   33 ePd     11 23.00   -9.4X
MBC    42.96   21 eP      11 57.00    0.1
YKA    49.24   38 eP      12 47.60    0.8
EDM    54.67   47 eP      13 27.00   -0.8
LRM    59.61   54 eP      14 03.30    0.2
EUR    61.67   62 iP      14 16.80   -0.4
       0.2s      5.58nm              5.3mb
BDW    63.16   55 eP      14 27.10    0.1
       1.0s      2.20nm              4.2mb
LTX    76.00   62 eP      15 46.00    0.4
       1.3s      6.04nm              4.4mb
KHC    77.38  335 P       15 52.60   -0.3
FLN    81.07  344 eP      16 12.30   -0.5
GRR    81.50  344 eP      16 14.90   -0.1
       0.9s      9.80nm              4.8mb
LOR    81.59  340 eP      16 14.90   -0.7
       0.9s      4.90nm              4.5mb
GRC    81.74  341 iPc     16 16.20   -0.1
LPF    81.88  344 eP      16 17.00    0.0
SMF    02.10  340 eP      16 19.50    0.9
       1.0s      8.00nm              4.7mb
LPG    82.56  330 eP      16 21.50    0.5
       1.1s     17.00nm              5.0mb
MZF    82.87  341 eP      16 22.60    0.4
       1.0s      6.00nm              4.6mb
LSF    83.07  341 eP      16 23.00   -0.2
       0.9s      4.90nm              4.6mb
     S.D. = 0.5  on  18 of  20 obs.

&  DEC  08, 1985  16h 24m 14.49s
   60.671 N          143.212 W
   DEPTH =  13.2km
 SOUTHERN ALASKA                    (  2)
      <AGS-P>. ML 3.6 (PMR).

WAX    0.28  141 iP      24 18.92   -1.8
                 iS      24 24.08
SNH    0.53  159 iP      24 23.88   -1.2
                 iS      24 32.48
BALM   0.56   49 iP      24 25.29   -0.4
HMT    0.62  238 iP      24 25.17   -1.5
YAH    0.79  112 iP      24 28.59   -1.1
                 iS      24 41.10
GLB    0.83  340 iP      24 29.31   -0.9
                 eS      24 41.40
WRG    0.86  137 iP      24 31.08    0.2
KAIM   0.96  219 iP      24 32.25   -0.2
CTGM   0.97   71 iP      24 31.80   -0.9
SGAM   1.00  261 eP      24 32.29   -0.8
                 iS      24 47.58
GLB    1.55  303 iP      24 40.78   -1.1
VLZ    1.59  288 eP      24 41.49   -0.9
                 iS      25 04.20
FID    1.61  274 iP      24 43.16    0.5
HIN    1.65  262 iP      24 42.71   -0.5
VZW    1.68  285 eP      24 42.40   -1.3
GLI    1.92  278 eP      24 46.40   -0.7
TOA    2.02  317 eP      24 48.50   -0.2
LOU    2.20  267 iP      24 49.93   -1.3
KNIM   2.26  264 iP      24 50.46   -1.6
                 iS      25 23.82
CFI    2.28  285 eP      24 52.31    0.0
SCM    2.31  302 iP      24 53.41    0.6
MTU    2.31  255 eP      24 51.31   -1.5
PWL    2.52  277 eP      24 55.03   -0.7
KNK    2.66  289 eP      24 57.97    0.2
SML    2.73  297 eP      24 59.17    0.4
PTE    2.86  276 iP      24 59.76   -0.7
GHO    2.98  294 eP      25 02.64    0.4
PME    2.98  291 eP      25 02.40    0.2
PLRM   3.02  290 eP      25 03.26    0.6
SEW    3.15  262 eP      25 02.52   -2.1
PMS    3.15  283 eP      25 04.20   -0.5
PWA    3.38  290 eP      25 07.00   -0.9
SLKM   3.46  270 iP      25 07.40   -1.7
DWY    3.82   26 P       25 16.60    2.4
                 S       26 03.60
                 Lg      27 08.60
SKT    4.22  292 eP      25 19.36   -0.5
CRP    4.40  282 eP      25 21.24   -1.3
COL    4.74  336 eP      25 27.00   -0.2
ILM    4.79  268 eP      25 27.74   -0.2
SIT    5.47  128 eP      25 35.60   -1.9
SVW    6.08  280 eP      25 46.30    0.2
YKA   13.69   70 eP      27 40.50   10.1
      41 obs. associated

?  DEC  08, 1985  17h 01m 58.37±11.01s
   24.591 N ±18.7km  123.360 E ±91.9km
   DEPTH =  33.0km  (normal)
 SOUTHWESTERN RYUKYU ISLANDS        (246)

TWC    1.38  271 iPd     02 21.60    0.2
                 eS      02 35.00
TWD    1.69  253 iPc     02 26.00    0.0
TWZ    1.70  288 iPd     02 26.00   -0.1
                 eS      02 43.50
TATO   1.74  283 iP      02 26.40   -0.4
                 eS      02 43.10
ANP    1.78  290 eP      02 27.60    0.3
TWF1   2.25  237 iPd     02 34.00   -0.1
TWG    2.74  230 iPd     02 41.00    0.0
     S.D. = 0.3  on   7 of   7 obs.

   DEC  08, 1985  17h 36m 44.27± 0.69s
   42.226 N ± 5.9km   19.918 E ± 4.1km
   DEPTH =  22.4 ±  7.2 km
   4.1mb (  7 obs.)
 YUGOSLAVIA                         (383)

   ML 4.6 (ATH). Felt (IV) at
   Titograd and in southeastern
   Montenegro.

SKO    1.16  102 iPn     37 02.50   -2.7
                 i       37 03.50
                 i       37 06.50
                 iSn     37 23.30
OHR    1.29  149 ePn     36 56.40  -10.7X
VAY    2.18  114 iPn     37 10.60   -9.2X
                 i       37 20.00
KZN    2.37  143 ePn     37 24.50    1.9
                 eSn     37 56.50
MMB    2.91  101 eP      37 30.00   -0.3
SSR    2.95   26 iP      37 30.00   -0.7
PLD    3.56   90 eP      37 40.00    0.6
PVL    3.98   75 iPd     37 45.00   -0.4
VLS    4.08  173 ePn     37 47.00    0.2
                 eSn     38 36.00
KDZ    4.09   96 iP      37 48.00    1.0
COZ    4.45   45 ePc     38 10.00   17.7X
CMP    4.80   49 ePd     38 14.00   17.0X
JMB    4.95   85 iP      37 58.00   -1.1
BUC    5.01   62 eP      38 48.00   48.0X
ATH    5.15  144 ePn     38 02.00    0.0
CEY    5.29  313 iPn     38 05.90    1.9
                 eSn     39 09.10
BUD    5.30  353 ePn     38 03.50   -0.5
LJU    5.44  316 ePn     38 07.10    1.1
       1.5s   1400.00nm              6.4mb X
                 eSn     39 12.00
                 eSg     39 47.40
MLR    5.44   51 ePd     38 09.00    2.8X
ISR    5.62   57 ePc     38 17.00    8.4X
TRI    5.64  310 iPn     38 09.50    0.6
                 iSn     39 16.00
                 iSg     39 47.80
PRK    5.67  120 ePn     38 10.00    0.7
SRO    5.70  349 iPn     38 09.90    0.2
                 i       38 17.70
                 i       38 33.90
                 e(Sn)   39 21.20
CVO    5.77   49 ePc     30 15.00    4.3X
VOY    5.77  313 iPnc    38 11.60    0.9
                 iSn     39 20.00
DMK    5.85   91 iP      38 29.80   17.9X
SOP    5.95  338 ePc     38 10.80   -2.4
VRI    6.11   51 ePd     38 16.00    0.5
PSN    6.24   74 eP      38 17.00   -0.2
VKA    6.55  338 i(Pn)    38 30.20    8.5X
                 i       39 26.70
KBA    6.74  318 iPnd     38 25.70    1.1
                 iSn     39 39.30
                 i       40 15.30
                 i       40 27.80
BHG    7.42  320 iPd     38 35.70    1.8
       0.7s     60.00nm              5.8mb X
SCE    7.58  312 iPd     38 37.40    1.2
CVF    8.19  276 eP      38 44.90    0.3
       0.7s     26.40nm              5.6mb X
KHC    0.21  329 Pc      38 44.50   -0.4
       1.0s     25.00nm              5.4mb X
                 e       39 07.00
                 e       41 28.60
OSS    8.29  306 eP      38 46.20    0.0
VDL    8.61  303 eP      38 51.50    0.8
PRU    8.61  336 eP      38 54.50    4.0X
     Z 12s      0.80um
TMA    8.83  300 eP      38 52.60   -1.2
KSP    8.97  345 eP      39 10.00   14.6X
SAX    9.04  307 eP      38 56.50   -0.3
LLS    9.07  304 eP      38 58.50    1.4
GRF    9.61  324 eP      39 04.80    0.6
DIX    9.78  297 eP      39 07.40    0.5
SLE    9.80  308 eP      39 05.40   -1.6
LRG   10.04  282 eP      39 10.60    0.5
       0.7s     13.20nm              5.4mb X
LPG   10.06  293 eP      39 10.90    0.2
       0.6s     13.80nm              5.5mb X
EMS   10.09  297 eP      39 10.90   -0.2
MOX   10.18  329 ePn     39 13.00    0.9
CDF   10.83  309 eP      39 19.70   -1.4
       0.6s      3.60nm              4.8mb X
BSF   10.84  306 eP      39 21.10   -0.2
       0.6s      5.40nm              5.0mb X
HAU   11.19  306 eP      39 25.30   -0.6
WLF   12.12  313 Pc      39 40.80    2.4
```

08d 17h

SMF	12.31	296	eP	39 38.30	-2.7	
	0.8s	13.40nm		5.2mb	X	
LBF	12.31	298	eP	39 38.80	-2.3	
	1.0s	20.80nm		5.3mb	X	
LOR	12.47	299	eP	39 41.30	-2.0	
	0.6s	7.20nm		5.0mb	X	
SSF	12.64	298	eP	39 43.40	-2.1	
	1.0s	8.00nm		4.8mb	X	
AVF	12.67	297	eP	39 44.80	-1.0	
	0.8s	5.30nm		4.8mb	X	
MEM	12.73	316	P	39 55.10	8.6X	
ENN	12.86	316	eP	39 49.50	1.2	
	0.7s	3.00nm		4.6mb	X	
		e	40 02.50			
BGF	12.95	295	eP	39 47.60	-2.0	
	0.6s	7.20nm		5.0mb	X	
GRC	12.99	299	iPc	39 50.50	0.4	
DOU	13.20	312	P	39 53.80	0.9	
WTS	13.21	322	eP	39 55.00	2.0	
	0.8s	4.00nm		4.5mb	X	
		e	40 03.00			
FLN	15.70	302	eP	40 29.50	3.9X	
	1.0s	20.00nm		4.3mb		
GRR	15.84	300	eP	40 29.10	1.8	
HFS	18.34	350	eP	40 57.70	-0.8	
	0.5s	2.60nm		3.6mb		
NB2	19.57	347	P	41 13.50	0.1	
	0.7s	1.90nm		3.5mb		
EKA	19.96	319	P	41 17.00	-0.5	
	1.1s	15.20nm		4.2mb		
EDI	20.29	320	e(P)	41 24.00	3.1X	
ELO	20.83	321	ePc	41 25.40	-1.2	
	0.7s	16.00nm		4.5mb		
SUF	20.86	8	iP	41 26.70	0.0	
	0.6s	3.10nm		3.9mb		
EAB	20.97	320	eP	41 27.00	-1.0	
KJF	22.47	9	eP	41 43.00	0.1	
	0.7s	17.40nm		4.6mb		
YKA	69.44	339	eP	47 54.00	1.8	
S.D. = 1.3 on 60 of 75 obs.						

? DEC 08, 1985 17h 43m 02.79± 2.51s
17.808 S ±18.3km 178.933 W ±19.9km
DEPTH = 630.5 ± 32.6 km
4.4mb (5 obs)
FIJI ISLANDS REGION (181)

DZM	14.39	250	iPc	46 03.30	-1.3	
NOU	14.44	250	iPc	46 06.20	1.2	
CTA	32.97	260	iPd	48 49.90	0.2	
	0.8s	8.21nm		4.4mb		
CAN	33.37	232	eP	48 52.80	-0.1	
YOU	33.45	234	eP	48 53.20	-0.4	
WAM	33.80	231	eP	48 57.00	0.5	
TOO	36.85	230	eP	49 21 00	-0.5	
STK	38.25	241	iPd	49 33 60	0.7	
WB2	44.15	259	eP	50 19.10	-0.5	
ASPA	44.34	254	iPd	50 21.30	0.2	
	0.7s	91.00nm		5.4mb		
WBN	50.90	251	iPd	51 10.50	0.3	
	0.5s	22.00nm		4.8mb		
SPA	72.30	180	iPc	53 27.20	-0.5	
	0.9s	4.55nm		4.0mb		
BMN	81.47	43	e(P)	54 16.70	-0.5	
COL	85.82	13	eP	54 37.20	-0.6	
LTX	86.36	58	eP	54 42.40	1.1	
	0.8s	0.88nm		3.5mb		
S.D. = 0.8 on 15 of 15 obs.						

DEC 08, 1985 19h 10m 27.05± 0.43s
42.269 N ± 5.5km 19.928 E ± 4.1km
DEPTH = 10.0km (geophysicist)
3.1mb (1 obs.)
YUGOSLAVIA (383)
DUR 3.4 (TTG).

PVY	0.33	6	iPgc	10 32.70	-1.2	
			eSg	10 38.00		
TTG	0.52	288	iPgc	10 36.90	-0.7	
			eSg	10 46.00		
ULC	0.59	239	iPgd	10 39.20	0.2	
			eSg	10 50.00		
IVA	0.60	358	ePg	10 37.70	-1.6	
			eSg	10 47.00		
BDV	0.82	271	iPg	10 43.00	0.1	
			eSg	10 56.70		
NKY	0.88	309	iPg	10 42.80	-1.2	
			eSg	10 57.00		
HCY	1.07	280	ePg	10 47.30	0.0	
			eSg	11 03.00		
PLE	1.13	340	ePg	10 47.50	-0.8	
			eSg	11 03.70		
SKO	1.16	104	iPn	10 46.60	-2.2	
			i	10 48.00		
			iSn	11 06.00		
OHR	1.33	150	iPn	10 50.40	-1.2	
VAY	2.19	115	iPn	11 04.70	0.7	
KZN	2.40	144	ePn	11 08.20	1.1	
			eSn	11 40.00		
VTS	2.44	81	iP	11 08.00	0.4	
			iSg	11 49.00		
SSR	2.91	26	eP	11 18.00	3.8X	
MMB	2.92	102	eP	11 15.00	0.6	
PLD	3.55	91	eP	11 24.00	0.7	
PVL	3.96	75	eP	11 29.00	-0.2	
KDZ	4.09	97	eP	11 32.00	1.0	
VLS	4.12	173	ePn	11 31.00	-0.4	
CEY	5.27	313	iPn	11 50.30	2.5	
			iSn	12 53.40		
LJU	5.41	316	e(Pn)	11 53.00	3.3X	
			eSn	12 55.00		
TRI	5.62	310	iPn	11 54.40	1.7	
			iPg	12 59.50		
			iSg	13 30.90		
SRO	5.66	349	eP	11 57.00	3.8X	
VOY	5.74	313	iPn	11 56.30	1.8	
			iSn	13 04.10		
FIR	6.53	286	eP	12 57.00	51.5X	
KBA	6.72	318	iPnd	12 10.20	1.9	
			i(Sn)	13 27.10		
BHG	7.39	320	eP	12 20.00	2.4	
KHC	8.17	329	P	12 29.10	0.6	
CVF	8.19	276	eP	12 28.60	-0.2	
	0.6s	9.00nm		5.2mb	X	
LPG	10.05	293	eP	12 55.60	0.9	
	0.6s	7.20nm		5.3mb	X	
SMF	12.30	296	eP	13 22.60	-2.4	
	0.8s	4.50nm		4.8mb	X	
LBF	12.30	298	eP	13 22.90	-2.2	
	0.8s	5.30nm		4.9mb	X	
LOR	12.46	299	eP	13 26.00	-1.2	
	0.8s	4.50nm		4.8mb	X	
AVF	12.66	297	eP	13 28.50	-1.3	
	0.8s	4.00nm		4.7mb	X	
NB2	19.53	347	P	14 57.00	-0.4	
	0.7s	0.80nm		3.1mb		
SUF	20.81	8	eP	15 11.00	0.2	
S.D. = 1.4 on 32 of 36 obs.						

* DEC 08, 1985 19h 30m 43.33± 0.68s
10.997 S ±15.0km 111.524 E ±25.8km
DEPTH = 33.0km (normal)
4.9mb (6 obs.)
SOUTH OF JAVA (282)

NAU	12.10	162	eP	33 34.00	-2.3	
	0.3s	9.00nm		5.4mb		
			eS	35 38.00		
MBL	12.87	143	eP	33 47.00	0.3	
	0.2s	4.00nm		5.1mb		
			eS	35 59.00		
MEK	16.89	158	eP	34 40.00	1.1	
			eS	37 34.00		
MRWA	18.60	168	eP	35 01.00	0.9	
			eS	38 16.00		
IPM	18.67	325	ePc	35 01.50	0.4	
WBN	20.71	139	eP	35 29.00	5.4X	
WB2	23.71	115	eP	36 01.00	7.7X	
NNT	26.19	333	eP	36 21.00	4.0X	
CHTO	32.12	337	e(P)	37 09.10	-0.9	
	0.7s	1.75nm		4.1mb		
GBA	41.72	305	Pc	38 30.70	-0.4	
	0.8s	3.30nm		4.1mb		
HYB	43.11	311	eP	38 41.20	-1.3	
PKI	45.94	327	eP	39 05.80	0.3	
DMN	46.13	327	eP	39 07.50	0.6	
	0.7s	19.00nm		5.1mb		
KKN	46.19	327	eP	39 07.70	0.4	
	0.8s	11.00nm		4.9mb		
POO	47.35	308	iPc	39 16.50	0.1	
BUL	79.70	251	eP	42 51.00	0.9	
TUL	44.97	40	ePKP	50 23.20	3.9X	
	0.8s	10.00nm				
JCT	145.06	52	iPKP	50 24.00	4.4X	
	0.8s	22.39nm				
			i	50 33.00		
RLO	145.30	39	ePKPc	50 23.80	4.0X	
SOB1	146.01	235	ePKP	50 23.70	2.1X	
BHO	146.51	42	ePKPc	50 28.20	6.4X	
S.D. = 1.1 on 13 of 21 obs.						

DEC 08, 1985 19h 30m 55.80± 0.35s
42.207 N ± 5.1km 19.910 E ± 3.5
DEPTH = 10.0km (geophysicist)
3.9mb (7 obs.)
YUGOSLAVIA (383)
ML 4.6 (ATH). Felt.

SKO	1.16	101	iPn	31 15.50	-2.0	
			i	31 16.50		
			i	31 19.90		
			iSn	31 33.30		
OHR	1.28	148	iPn	31 18.80	-0.8	
VAY	2.18	113	iPn	31 33.60	1.0	
KZN	2.36	143	ePn	31 37.00	1.7	
			eSn	32 10.00		
VTS	2.47	80	iP	31 37.00	0.3	
			iSg	32 16.00		
MMB	2.92	101	iPc	31 44.00	0.9	
SSR	2.97	26	iP	31 44.00	0.2	
PLD	3.56	90	eP	31 53.00	0.7	
PVL	3.99	75	iPd	31 59.00	0.7	
VLS	4.06	172	ePn	32 00.00	0.7	
			eSn	32 48.50		
KDZ	4.10	96	eP	32 00.00	0.2	
COZ	4.47	44	ePc	31 55.00	-10.3X	
CMP	4.81	49	ePc	32 36.00	25.9X	
JMB	4.95	85	iP	32 11.00	-1.0	
ATH	5.14	144	ePn	32 15.00	0.4	
CEY	5.30	314	iPn	32 18.90	1.9	
			iSn	33 19.70		
BUD	5.31	353	ePn	32 15.50	-1.6	
LJU	5.45	317	iPnc	32 21.00	2.0	
	2.0s	3150.00nm			6.6mb	X
			e(Sn)	33 29.00		
			iSg	33 59.50		
MLR	5.46	51	ePd	32 20.00	0.7	
TRI	5.65	310	ePn	32 22.60	0.8	
			iSn	33 26.40		
PRK	5.67	119	ePn	32 22.00	0.0	
SRO	5.72	349	iPn	32 22.40	-0.4	
			i	32 32.10		
			i	33 29.20		
VOY	5.78	313	iPnd	32 24.92	1.2	
			i	32 26.20		
			iSn	33 33.00		
CVO	5.78	49	ePc	32 25.00	1.3	
DMK	5.86	91	eP	32 22.30	-2.4	
SOP	5.97	338	e(P)c	32 24.00	-2.3	
PSN	6.25	74	eP	32 30.00	-0.2	
ZST	6.31	343	e(Pn)	32 30.70	-0.4	
			e	32 39.70		
			e	32 48.80		
			e	33 05.00		
			e	33 28.30		
			e	33 40.50		
VKA	6.57	339	iPnd	32 41.80	7.1X	
KBA	6.76	318	iPnc	32 37.80	0.2	
			i	32 42.10		
			iSn	33 51.70		
BHG	7.43	320	eP	32 48.40	1.5	
CVF	8.18	276	eP	32 57.80	0.4	
	0.7s	14.10nm		5.3mb	X	
KHC	8.22	330	P	32 58.20	0.3	
	0.7s	12.00nm		5.3mb	X	
			e	35 02.50		
OSS	8.30	306	eP	32 59.50	0.3	
VDL	8.62	303	eP	33 04.80	1.2	
PRU	8.63	336	eP	33 08.00	4.5X	
Z	11s	0.80um				
TMA	8.84	300	eP	33 05.30	-1.4	
LLS	9.08	305	eP	33 11.40	1.4	
GRF	9.52	324	eP	33 18.20	1.0	
SLE	9.31	308	eP	33 19.10	-0.8	
LPG	10.06	294	eP	33 23.70	0.1	
	0.8s	21.40nm		5.6mb	X	
EMS	10.10	297	eP	33 24.50	0.5	
MOX	10.19	329	ePn	33 27.50	2.4	
BSF	10.85	306	eP	33 33.30	-1.0	
	0.8s	10.70nm		5.3mb	X	
HAU	11.20	306	eP	33 38.50	-0.4	

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WLF     12.13 313 P      33 52.70   1.3
SMF     12.31 297 eP     33 51.70  -2.3
        0.8s     17.90nm          5.4mb X
LBF     12.32 298 eP     33 52.00  -2.1
        0.8s     16.10nm          5.3mb X
LOR     12.48 299 eP     33 54.40  -1.8
        0.8s      8.00nm          5.0mb X
SSF     12.65 298 eP     33 57.60  -0.9
        0.8s      4.00nm          4.7mb X
AVF     12.67 297 eP     33 57.40  -1.4
        0.8s      9.40nm          5.1mb X
MEM     12.74 316 P      34 05.70   6.1X
ENN     12.87 316 eP     34 03.00   1.6
        0.5s      3.00nm          4.8mb X
BGF     12.95 295 eP     34 01.70  -0.9
        0.7s      6.60nm          4.9mb X
GRC     13.00 299 iPc    34 02.20  -0.9
DOU     13.21 312 P      34 07.10   1.2
WTS     13.23 322 eP     34 11.00   4.9X
        0.7s      1.00nm          4.0mb X
                  e      34 16.50
                  e      34 23.50
FLN     15.71 302 eP     34 43.30   4.7X
        0.7s      6.60nm          4.0mb
LPF     15.87 299 eP     34 41.30   0.6
        0.7s      6.60nm          3.9mb
HFS     18.35 350 eP     35 12.80   1.0
        0.7s      4.10nm          3.7mb
NB2     19.58 347 P      35 26.70  -0.1
        0.6s      1.40nm          3.4mb
EKA     19.97 319 P      35 30.00  -0.8
        0.7s      4.40nm          3.9mb
EBH     20.63 321 ePc    35 38.00   0.4
        0.7s      9.00nm          4.2mb
ELO     20.84 321 eP     35 38.20  -1.7
SUF     20.88   8 eP     35 40.00  -0.2
        0.7s      3.20nm          3.8mb
EAB     20.99 320 eP     35 40.60  -0.7
KJF     22.49   9 eP     35 54.00  -2.3
YKA     69.46 339 eP     42 06.60   0.9
     S.D. = 1.2  on  61 of  68 obs.

   DEC  08, 1985  20h 05m 36.44± 0.77s
   63.400 N ± 8.4km  150.509 W ± 7.4km
   DEPTH =  33.0km  (normal)
 CENTRAL ALASKA                    (  1)
     ML 3.2 (PMR).

PWA      1.78 170 eP     06 06.40   1.1
PME      1.91 158 eP     06 07.50   0.3
PMS      2.21 168 eP     06 11.20  -0.3
TOA      2.38 121 eP     06 14.50   0.4
TTA      2.54 262 eP     06 16.40   0.1
IMA      3.00 335 eP     06 24.00   1.1
SVW      3.32 228 eP     06 25.80  -1.5
DWY      4.97  77 P      06 48.90  -1.8
                  Lg     08 02.90
YAH      5.14 122 eP     06 54.00   0.6
     S.D. = 1.2  on   9 of   9 obs.

   DEC  08, 1985  20h 14m 03.21± 0.86s
   35 345 N ± 6.9km    3.869 W ± 7.5km
   DEPTH =  14.2 ±  4.5 km
 STRAIT OF GIBRALTAR               (385)

ALR      0.90  48 iPg     14 20.00  -0.1
TAF      1.31 114 iPg     14 28.00   1.0
                  iSg     14 44.00
MAL      1.45 342 P       14 28.80  -0.1
CRT      1.85   7 ePn     14 34.60  -0.2
                  Pg     14 37.00
AFC      1.92   8 P       14 38.00   2.1
                  S      15 05.00
IFR      2.10 210 iPn     14 38.00  -0.5
                  iSg     15 03.00
ENIJ     2.10  39 P       14 37.00  -1.3
                  S      15 08.50
EHOR     2.71 336 P       14 48.00   1.0
                  S      15 23.00
EVAL     3.22 315 P       14 54.20   0.0
                  S      15 34.50
AVE      3.57 236 ePn     15 05.00   5.7X
                  iSn     15 40.00
TOL      4.53 358 iPnc    15 13.50   0.6
                  ePb     15 23.00
                  ePg     15 34.00
                  eSn     16 12.00
                  eSb     16 31.50
                  e(Sg)   16 53.00
EPLA     5.03 340 P       15 20.00   0.1
GUD      5.29 358 P       15 23.50  -0.3
LGR      7.18   8 ePn     15 37.50 -12.8X
                  eSn     16 53.50
                  eSg     17 36.50
MLS      8.52  25 eP      16 08.60  -0.3
     S.D. = 1.0  on  13 of  15 obs.

*  DEC  08, 1985  21h 39m 00.52± 1.04s
   41.884 N ±13.9km  142.749 E ±23.4km
   DEPTH =  75.6 ±  9.8 km
   4.2mb (  2 obs.)
 HOKKAIDO, JAPAN  REGION           (224)
     Felt (I JMA) at Urakawa.

URA      0.28   5 iPc     39 12.30   0.0
                  S      39 20.60
TSK      6.03 201 eP      40 27.70  -1.3
MAT      6.39 215 (P)     40 35.00   0.9
DDR      6.50 206 eP      40 40.60   5.0X
COL     44.49  35 e(P)    47 07.10   1.5
                  pP     47 28.30  88kmX
KKN     48.38 272 eP      47 37.20   0.3
PKI     48.40 272 eP      47 38.20   1.0
DMN     48.60 272 eP      47 39.10   0.4
SUF     64.14 333 iP      49 27.50  -1.1
HFS     70.10 336 eP      50 05.20  -0.9
        0.4s      1.90nm          4.4mb
NB2     70.12 337 P       50 05.20  -1.1
        0.7s      1.40nm          4.0mb
     S.D. = 1.2  on  10 of  11 obs.

*  DEC  08, 1985  21h 39m 15.98± 1.22s
    8.221 S ±17.3km  163.152 E ±12.3km
    DEPTH =  33.0km  (normal)
 SOLOMON ISLANDS                   (193)

HNR      3.39 249 eP      40 08.00   0.1
                  eS     40 44.00
SVO      3.43 254 iP      40 09.00   0.6
                  e(S)   40 55.00
VSG      3.55 253 iP      40 10.00  -0.2
                  iS     40 47.00
PAA      7.84 284 e(P)    41 10.00  -0.7
BGA      8.17 284 eP      41 16.00   0.6
                  eS     42 50.00
CTA     20.16 232 eP      43 51.00   0.4
                  i      44 00.70
WB2     30.21 244 eP      45 24.60  -1.4
SUF    117.37 339 iPKP    58 06.70   7.3X
        0.5s      2.50nm
BNG    144.63 266 iPKPc   58 52.30   0.3
        0.5s     13.00nm
BCAO   144.64 266 iPKP    58 52.20   0.2
        0.6s      5.61nm
                  pP     00 21.80
SOB1   150.44 125 ePKP    59 09.90   8.6X
                  e      59 18.40
     S.D. = 0.8  on   9 of  11 obs.

&  DEC  08, 1985  21h 48m 51.10s
   40.388 N          124.477 W
   DEPTH =   5.0km  (geophysicist)
 NEAR COAST OF NORTHERN CALIF.   ( 35)
     <BRK>. ML 3.1 (BRK).

FHC      0.56  42 iP      49 02.30   0.0
                  iS     49 09.90
WDC      1.49  82 iPd     49 16.20  -2.4
GAS      1.54 118 eP      49 17.30  -2.1
LBFM     2.18  63 eP      49 26.70  -2.1
MIN      2.19  90 eP      49 26.50  -2.4
     5 obs. associated

   DEC  08, 1985  22h 07m 05.67± 0.81s
   37.950 N ± 9.4km   28.851 E ± 7.8km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                            (366)

YER      0.93 209 iPn     07 23.50   0.0
IZM      1.33 290 iPn     07 31.20   1.0
BCK      1.46 109 iPn     07 31.10  -1.1
ELL      1.47 145 iPn     07 32.60   0.3
EDC      2.51 343 iPn     07 52.30   5.1X
EZN      2.72 314 ePn     07 48.80  -1.3
ANTO     3.62  57 e(P)    08 04.10   1.0
     S.D. = 1.3  on   6 of   7 obs.

   DEC  08, 1985  23h 11m 00.23± 0.37s
   37.100 N ± 6.7km   71.524 E ± 6.0km
   DEPTH =  33.0km  (normal)
   4.8mb ( 12 obs.)
 AFGHANISTAN-USSR BORDER REGION  (717)
     Felt (III) at Khorog and
     Dushanbe.

NDI      9.66 149 eP      13 20.50   0.5
        0.5s     28.17nm          5.8mb
MHI      9.69 269 eP      13 22.00   1.4
                  eS     15 02.00
WMQ     14.01  56 P       14 21.00   2.4
KKN     14.85 125 eP      14 28.50  -1.3
DMN     14.86 126 eP      14 30.40   0.5
PKI     15.08 125 eP      14 32.30  -0.6
IR2     16.67 271 (P)     14 47.00  -6.1X
LSA     17.95 109 e(P)    15 09.20  -0.2
POO     18.61 173 iPd     15 18.70   1.6
HYB     20.56 161 ePd     15 37.80  -1.0
        1.0s     40.00nm          4.7mb
GTA     22.30  75 Pd      15 58.00   1.7
GBA     23.99 166 Pd      16 12.00  -0.7
        0.7s      4.50nm          4.1mb
LZH     25.91  82 eP      16 31.50   0.4
CD2     27.34  93 P       16 45.00   0.8
XAN     30.45  84 Pc      17 11.00  -1.0
GYA     31.54  99 P       17 21.60  -0.2
TIY     32.32  76 P       17 28.50   0.1
MLR     34.86 298 eP      17 53.00   2.6
WHN     35.94  88 eP      18 00.00   0.4
KJF     37.58 330 iP      18 13.80   0.9
        0.6s     13.00nm          5.0mb
NUR     37.59 324 iP      18 13.40   0.4
SUF     37.64 328 iP      18 13.90   0.5
        0.3s      2.80nm          4.6mb
SOD     39.38 334 iP      18 28.30   0.4
SSE     41.18  83 eP      18 43.60   0.4
IPM     42.16 133 ePc     18 59.90  -0.5
HFS     42.86 321 eP      18 56.20  -0.4
        0.5s     11.10nm          4.8mb
NB2     44.16 323 P       19 06.60  -0.6
        0.5s      6.20nm          4.7mb
SMF     49.87 304 eP      19 50.80  -1.4
        0.8s      3.20nm          4.4mb
AVF     50.16 304 eP      19 53.80  -0.6
        0.8s      2.60nm          4.3mb
DAG     54.30 344 iPd     20 23.80  -1.2
        0.5s     10.56nm          5.1mb
MBC     66.72   3 iPc     21 48.60  -1.0
        0.6s     30.00nm          5.6mb
INK     73.25   9 iPc     22 22.70  -6.7X
COL     73.78  16 eP      22 31.00  -1.6
                  pP     22 48.00  62kmX
YKA     80.63   3 eP      23 09.50  -1.1
YKC     80.65   3 iPc     23 09.00  -1.7
        0.7s      9.00nm          4.9mb
WB2     81.96 122 eP      23 14.70  -3.5X
     S.D. = 1.1  on  33 of  36 obs.

*  DEC  08, 1985  23h 53m 19.93± 1.44s
   13.831 S ±13.0km  166.580 E ±19.9km
   DEPTH =  33.0km  (normal)
   4.3mb (  1 obs.)
 VANUATU ISLANDS                   (186)

SVO      8.10 304 eP      55 19.00   0.8
VSG      8.12 303 eP      55 18.00  -0.6
DZM      8.20 181 iPc     55 19.70   0.1
                  iS     56 51.00
NOU      8.43 181 iPc     55 22.90   0.1
                  iS     56 56.00
CTA     20.40 249 iPc     57 57.70   0.7
        0.9s     13.45nm          4.3mb
WB2     31.40 254 eP      59 39.20  -1.1
SOB1   144.40 129 ePKP    12 55.50   0.0
BNG    147.13 257 ePKPd   13 04.00   4.0X
        0.5s      8.00nm
                  id     13 06.40
                  id     13 16.00
BCAO   147.14 257 ePKP    13 03.70   3.7X
        0.7s      3.34nm
                  e      13 15.40
     S.D. = 0.8  on   7 of   9 obs.
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09d 00h

* DEC 09, 1985 00h 05m 41.14± 0.86s
23.575 S ±17.0km 66.854 W ±12.2km
DEPTH = 242.7 ± 10.8 km
4.1mb (1 obs.)
JUJUY PROVINCE, ARGENTINA (128)

SLA	1.69	133	iPc	06	20.90	0.1
			S	06	48.80	
TPZ	2.35	27	iP	06	27.10	0.0
			S	07	01.00	
ANT	3.27	267	iPc	06	36.50	-0.1
			iS	07	16.80	
VAO	18.28	92	eP	09	39.30	-0.2
			e	09	43.20	
BDF	19.49	70	e(P)	09	51.60	-0.4
ITR	30.93	66	eP	11	38.20	0.5
			e	13	01.40	
SPA	66.57	180	iPc	16	13.30	6.2X
	0.6s		2.73nm			4.1mb

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

& DEC 09, 1985 00h 47m 07.70s
37.815 N 119.985 W
DEPTH = 33.0km (normal)
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.8 (BRK). Felt at Columbia.

JAS1	0.36	288	iPd	47	15.90	-0.4
			iS	47	22.40	
FRI	0.85	165	iPd	47	23.10	-0.2
ARN	1.31	256	eP	47	31.20	1.3
MHC	1.40	251	ePc	47	32.70	1.5
			e	47	50.80	
LLA	1.42	213	iPd	47	32.70	1.3
WCN	1.50	7	eP	47	33.30	0.5
SAO	1.57	228	iPd	47	34.50	0.9
MNA	1.57	66	ePd	47	33.30	-0.4
			e	47	46.00	
PRI	1.76	198	eP	47	39.30	2.9
PRS	1.85	217	ePd	47	38.70	1.0
ORV	2.10	326	ePd	47	41.70	0.4
EUR	3.56	61	iP	48	09.00	6.8
	12 obs. associated					

? DEC 09, 1985 00h 51m 54.52± 0.83s
22.015 S ±13.9km 115.155 W ±20.8km
DEPTH = 10.0km (geophysicist)
5.0mb (4 obs.)
EASTER ISLAND CORDILLERA (684)

LPB	44.62	92	P	00	10.40	0.7
			i	03	59.00	
CNCB	44.66	92	P	00	12.30	2.1X
TPZ	45.76	99	P	00	23.00	4.4X
QZO	58.57	15	eP	01	52.10	-1.7
BHO	59.31	19	eP	01	59.30	0.4
TUL	60.46	18	eP	02	06.80	0.1
	0.8s		7.10nm			4.8mb
RLO	60.92	19	eP	02	10.20	0.3
EUR	61.18	359	iP	02	13.00	1.2
	0.2s		8.37nm			5.5mb
VAO	62.45	105	e(P)	02	21.00	0.3
BDF	63.53	97	e(P)	02	26.10	-1.9
BDW	64.67	5	eP	02	33.80	-1.2
	0.9s		2.22nm			4.4mb
SPA	68.12	180	eP	02	56.00	-0.7
	1.0s		16.60nm			5.2mb
SOB1	72.07	93	eP	03	22.10	0.6
YKA	84.22	0	eP	04	30.80	3.9X
COL	90.22	347	eP	04	56.00	0.0
KHC	131.48	43	ePKP	11	10.00	1.1
NAI	144.15	127	iPKPc	11	34.00	0.6
	1.0s		20.00nm			
ANTO	147.49	49	e(PKP)	11	40.80	2.8X
	1.2s		15.28nm			
CMC	147.92	271	ePKP	11	42.50	3.3X

S.D. = 1.1 on 14 of 19 obs.

DEC 09, 1985 01h 28m 47.62± 0.43s
42.249 N ± 5.2km 19.914 E ± 4.1km
DEPTH = 10.0km (geophysicist)
3.6mb (2 obs.)
YUGOSLAVIA (383
DUR 3.5 (TTG).

PVY	0.35	7	iPgc	28	53.00	-1.9
			eSg	28	58.00	
TTG	0.52	291	iPgc	28	57.00	-1.1
			eSg	29	07.00	
ULC	0.57	240	ePg	28	59.80	0.6
			eSg	29	09.80	
IVA	0.62	359	iPgc	28	58.20	-2.0
			eSg	29	07.00	
NKY	0.88	310	ePg	29	03.50	-1.1
			eSg	29	17.00	
HCY	1.07	281	iPgd	29	08.00	0.3
			eSg	29	25.60	
PLE	1.15	341	ePg	29	08.00	-1.1
			eSn	29	25.50	
SKO	1.17	103	iPn	29	07.20	-2.3
			i	29	10.50	
			iSn	29	25.00	
BRY	1.20	303	ePg	29	09.00	-1.1
			eSg	29	28.00	
OHR	1.32	149	iPn	29	10.30	-1.7
VAY	2.19	114	iPn	29	25.00	0.4
KZN	2.39	144	ePn	29	29.00	1.5
VTS	2.46	81	iP	29	28.00	-0.3
			iSg	30	08.00	
MMB	2.92	102	eP	29	36.00	1.0
SSR	2.93	26	eP	29	35.00	-0.1
PLD	3.56	91	eP	29	45.00	0.9
GZR	3.76	32	ePc	29	48.00	1.0
PVL	3.98	75	eP	29	51.00	1.1
KDZ	4.10	97	eP	29	52.00	0.3
VLS	4.10	173	ePn	29	51.00	-0.7
			eSn	30	39.00	
CMP	4.78	49	ePd	30	46.00	44.5X
BUD	5.27	353	ePn	30	07.60	-0.7
CEY	5.28	313	iPn	30	10.30	1.9
	1.6s		533.00nm			5.9mb X
			iSn	31	13.50	
LJU	5.42	316	ePn	30	12.30	1.9
	1.5s		640.00nm			6.0mb X
			eSn	31	19.00	
TRI	5.62	310	ePd	30	15.20	1.9
			i	31	20.20	
SRO	5.68	349	e(Pn)	30	27.00	13.0X
			e	31	33.80	
VOY	5.75	313	ePn	30	16.30	1.2
			iSn	31	23.90	
ZST	6.27	343	eP	30	28.80	6.5X
KBA	6.73	318	iPnd	30	30.70	1.7
			iSn	31	43.50	
BHG	7.40	320	eP	30	40.60	2.3
KHC	8.18	329	P	30	49.60	0.4
			e	32	11.60	
			e	32	55.00	
PRU	8.59	336	eP	31	02.00	7.2X
			e	32	04.50	
GRF	9.59	324	eP	31	10.60	2.0
LPG	10.04	293	eP	31	14.80	-0.4
	0.8s		8.00nm			5.2mb X
MOX	10.16	329	e(P)	31	33.00	16.5X
SMF	12.30	296	eP	31	43.50	-2.1
	0.8s		5.90nm			4.9mb X
LBF	12.30	298	eP	31	44.10	-1.6
	0.8s		4.00nm			4.7mb X
LOR	12.46	299	eP	31	46.60	-1.2
	0.8s		4.00nm			4.7mb X
AVF	12.66	297	eP	31	49.50	-0.9
	0.8s		4.00nm			4.7mb X
NB2	19.54	347	P	33	18.20	0.1
	0.7s		1.60nm			3.4mb
SUF	20.83	8	eP	33	31.00	-0.5
	0.7s		3.20nm			3.8mb
KJF	22.45	9	eP	33	48.00	0.3

S.D. = 1.4 on 37 of 42 obs.

DEC 09, 1985 01h 33m 14.53± 0.70s
37.928 N ± 7.6km 28.869 E ± 7.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

YER	0.92	211	iPg	33	32.40	0.3
			iSg	33	57.40	
IZM	1.35	291	iPn	33	40.20	0.8
ELL	1.44	145	iPn	33	40.90	0.1
BCK	1.44	108	iPn	33	39.90	-0.9
EDC	2.54	342	iPn	33	59.30	2.9X
EZN	2.74	314	ePn	33	57.80	-1.6
HRT	2.96	12	iP	34	09.40	7.0X
ISK	3.14	3	iPn	34	13.80	8.9X
ANTO	3.62	56	e(P)	34	12.70	0.8
DMK	3.98	348	ePn	34	17.40	0.5

S.D. = 1.1 on 7 of 10 obs.

DEC 09, 1985 02h 26m 21.46± 0.71s
42.121 N ±12.6km 19.905 E ± 8.9km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)

SKO	1.15	97	iPn	26	42.20	-0.8
			i	26	44.50	
OHR	1.21	146	iPn	26	44.10	0.0
VAY	2.15	111	ePn	26	58.30	0.5
VTS	2.49	78	eP	27	03.00	0.4
MMB	2.90	99	eP	27	16.00	7.4X
GZR	3.88	31	ePd	27	31.00	8.6X
KDZ	4.09	95	eP	27	19.00	-6.4X
CEY	5.36	314	ePn	27	44.80	1.4
			e(Sn)	28	48.90	
LJU	5.51	317	ePn	27	46.00	0.5
			e(Sn)	28	53.00	
TRI	5.70	311	ePd	27	46.90	-1.3
			e	28	54.00	
VOY	5.83	314	ePn	27	49.60	-0.5
KBA	6.82	319	e(Pn)	28	04.00	-0.1
			i(Sn)	29	27.00	

S.D. = 0.9 on 9 of 12 obs.

* DEC 09, 1985 02h 30m 45.45± 0.82s
50.226 N ± 7.2km 12.410 E ±10.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.66	310	iPg	30	58.50	-0.1
			iSg	31	08.00	
WET	1.12	164	iPgd	31	06.40	-0.1
CLL	1.15	19	iPg	31	07.10	0.2
			iSg	31	22.50	
KHC	1.33	145	ePg	31	10.50	0.4
			eSg	31	27.50	
PRU	1.39	99	ePg	31	10.50	-0.4
			eSg	31	29.00	

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

DEC 09, 1985 02h 33m 18.65± 0.59s
50.016 N ± 5.7km 12.183 E ± 6.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.3 (GRF).

HOF	0.36	327	iPgd	33	26.30	0.3
GRF	0.70	243	iPg	33	32.80	0.3
			eSg	33	42.30	
			eLg	33	44.40	
MOX	0.73	330	iPg	33	32.50	-0.5
			iSg	33	42.00	
WET	0.98	152	iPgd	33	36.70	-0.6
KHC	1.27	134	iPg	33	42.50	0.3
			Sg	33	58.00	
CLL	1.40	22	iPg	33	44.00	-0.1
			iSg	34	02.40	
PRU	1.52	90	Pg	33	46.30	0.4
			Sg	34	05.60	

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

& DEC 09, 1985 02h 56m 35.20s
33.430 N 119.180 W
DEPTH = 6.0km (geophysicist)
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.6 (PAS).

CIS	0.65	92	iPd	56	46.70	-1.5
PAS	1.10	49	iP	56	54.90	-1.4
			eS	57	09.30	
MWC	1.22	49	iPc	56	57.00	-1.5
SYP	1.28	329	iPc	56	57.40	-2.0
			iSc	57	14.40	
ABL	1.42	359	iP	56	59.10	-2.6
BLP	1.52	318	eP	57	00.00	-2.9
PEC	1.73	74	eP	57	03.20	-3.1
BCH	1.90	337	eP	57	06.70	-1.9
SDW	2.11	55	eP	57	09.50	-2.1
JAS1	4.60	348	eP	57	45.00	-1.9
EUR	6.57	22	iP	58	17.80	2.8
	11 obs associated					

* DEC 09, 1985 04h 11m 35.23± 0.65s

28.150 N ±11.5km 140.559 E ±10.5km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
BONIN ISLANDS REGION (212)

CBI	1.78	126	eP	12 04.00	-0.2
			eS	12 24.00	
MAT	8.60	347	eP	13 41.00	0.6
			eS	15 45.00	
SSE	17.10	285	P	15 33.00	-0.3
N 12s 0.30um					
			eS	19 04.10	
BJI	23.34	307	eP	16 43.00	1.7
			eS	21 01.00	
TIY	25.38	299	eP	17 01.40	0.3
HHC	26.91	306	eP	17 15.20	-0.1
XAN	27.65	290	eP	17 22.00	0.0
CD2	32.05	284	eP	18 05.20	4.0X
GTA	35.41	299	eP	18 28.40	-1.9
WRA	48.19	188	Pd	20 15.50	0.9
0.7s 9.10nm 4.9mb					
NDI	55.10	287	eP	21 06.00	-0.6
COL	57.11	29	eP	21 20.00	-0.5
GBA	60.14	270	Pc	21 46.20	3.9X
0.9s 3.10nm 4.4mb					
YKA	71.90	28	eP	22 59.70	3.0X
DAG	74.55	355	eP	23 08.00	-3.9X
LRM	81.08	43	eP	23 52.70	3.9X
S.D. = 1.0 on 11 of 16 obs.					

DEC 09, 1985 04h 58m 33.55± 0.66s
44.625 N ± 4.8km 111.078 W ± 9.0km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 2.7 (NEIS).

IMW	0.73	172	iPc	58 47.50	-0.8
CCMT	1.31	283	eP	58 59.00	0.6
LCCM	1.34	335	ePd	58 58.60	-0.2
TMI	1.45	205	eP	59 00.00	-0.7
SXM	1.53	357	ePn	59 01.60	-0.1
LRM	1.54	321	iPnd	59 02.20	0.2
HPI	1.72	239	eP	59 04.80	0.3
BUT	1.74	323	ePg	59 06.30	1.5X
			eSn	59 28.00	
BDW	2.15	149	eP	59 12.00	1.2
HRY	2.15	346	ePn	59 10.20	-0.5
S.D. = 0.8 on 9 of 10 obs.					

• DEC 09, 1985 05h 12m 29.85± 0.99s
5.949 S ±13.0km 146.190 E ±15.5km
DEPTH = 127.8 ± 12.4 km
3.4mb (1 obs.)
EAST PAPUA NEW GUINEA REGION (207)

MDG	0.81	330	eP	12 51.00	-0.1
WEW	3.49	313	e(P)	13 20.00	-3.6X
PMG	3.57	165	iP	13 25.20	0.6
0.6s 293.33nm					
TZZ	4.99	278	eP	13 46.50	2.6X
ALDA	5.99	136	eP	13 57.00	-0.4
CTA	14.05	180	iPd	15 51.00	6.5X
0.6s 16.00nm 4.5mb X					
WB2	18.05	219	eP	16 33.80	-0.3
WRA	18.06	219	Pd	16 34.10	-0.1
0.6s 1.20nm 3.4mb					
GBA	70.95	287	P	23 36.00	0.3
S.D. = 0.6 on 6 of 9 obs.					

? DEC 09, 1985 05h 21m 06.65± 3.09s
17.437 N ±27.9km 101.482 W ±17.3km
DEPTH = 33.0km (normal)
NEAR COAST OF GUERRERO, MEXICO (58)

PIM	0.92	336	iP	21 23.10	-0.1
			iS	21 36.00	
III	2.13	64	iP	21 41.00	0.1
			iS	22 09.00	
OXM	2.52	42	iP	21 47.00	0.6
			iS	22 18.00	
TPM	2.77	56	iP	21 49.00	-0.8
UNM	2.88	49	eP	22 22.70	31.1X
TAC	2.92	48	eP	22 17.00	24.8X
VHO	4.54	92	eP	22 15.20	0.1
			iS	23 07.00	
S.D. = 0.7 on 5 of 7 obs.					

• DEC 09, 1985 05h 29m 46.43± 0.74s
50.253 N ± 8.2km 12.424 E ± 6.2km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.65	308	iPg	29 59.50	0.1
			e	30 04.50	
			ISg	30 08.50	
GRFO	0.96	235	eP	30 04.60	-0.1
BRG	1.15	57	iPg	30 08.00	0.0
			ISg	30 23.00	
KHC	1.35	146	Pg	30 11.50	0.2
			Sg	30 28.90	
PRU	1.39	100	Pg	30 11.60	-0.2
			eSg	30 29.00	
S.D. = 0.2 on 5 of 5 obs.					

? DEC 09, 1985 07h 56m 02.58± 2.49s
43.500 N ±11.1km 126.549 W ±25.3km
DEPTH = 10.0km (geophysicist)
OFF COAST OF OREGON (30)

COR	2.58	64	eP	56 46.00	0.9
SHW	4.08	47	eP	57 07.30	0.8
LON	4.67	44	eP	57 15.50	0.7
GAS	4.80	142	eP	57 15.00	-1.7
GMW	4.83	32	eP	57 16.20	-0.9
MCW	5.79	25	eP	57 29.60	-1.0
PNT	7.53	37	iP	57 54.00	-1.1
0.5s 8.00nm 5.2mb X					
NEW	8.12	51	eP	58 02.00	-1.3
LRM	10.31	72	eP	58 33.00	-0.8
BDW	12.43	87	eP	59 03.00	0.4
YKA	20.27	16	eP	00 42.00	1.3
RLO	25.18	96	eP	01 32.20	2.6
S.D. = 1.5 on 12 of 12 obs.					

& DEC 09, 1985 07h 56m 52.30s
38.197 N 119.083 W
DEPTH = 6.0km
CALIFORNIA-NEVADA BORDER REGION (40)
<BRK>. ML 3.4 (BRK).

MNA	0.77	72	iPc	57 06.40	-1.3
			iS	57 16.70	
JAS1	1.09	256	iPc	57 11.90	-1.3
			iS	57 26.00	
SVP	1.12	115	eP	57 12.80	-1.1
PPK	1.21	129	eP	57 14.50	-0.8
WCN	1.23	335	iPc	57 15.00	-0.7
FRI	1.30	203	iPd	57 15.85	-0.9
			iS	57 32.60	
LCH	1.49	130	eP	57 18.50	-1.3
ARN	2.12	247	eP	57 28.50	-0.2
LLA	2.16	224	iPc	57 30.40	1.0
MHC	2.20	248	ePc	57 30.50	0.5
SAO	2.36	233	iPc	57 33.10	0.9
PRI	2.41	212	iPc	57 34.55	1.5
PRS	2.61	225	eP	57 36.20	0.5
BMN	2.66	32	eP	57 34.20	-2.4
EUR	2.75	61	iP	57 35.30	-2.7
MIN	2.90	318	eP	57 44.30	4.2
16 obs. associated					

• DEC 09, 1985 08h 47m 29.01± 1.86s
23.857 N ±10.1km 121.847 E ±24.2km
DEPTH = 33.0km (normal)
TAIWAN (244)

TWD	0.32	314	iPd	47 37.00	0.0
			eS	47 43.50	
TWC	0.75	0	iPd	47 43.40	0.3
			eS	47 54.00	
TATO	1.16	344	e(P)	47 49.00	0.0
TWG	1.25	215	eP	47 50.20	-0.1
			eS	48 07.50	
TWZ	1.26	349	iPc	47 50.00	-0.4
TWK	1.38	245	eP	47 52.30	0.1
S.D. = 0.3 on 6 of 6 obs.					

• DEC 09, 1985 09h 10m 44.73± 1.56s
29.427 S ± 7.5km 72.543 W ±16.6km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

ROCH	3.77	160	iP	11 41.60	-0.5
RTCB	3.83	123	ePd	11 43.40	0.5
VCA	3.86	81	ePd	11 45.70	2.3
			S	12 28.60	
RTLL	4.00	119	ePd	11 44.80	-0.5
PEL	4.03	157	iPd	11 45.50	-0.3
			iS	12 27.00	
BACH	4.29	156	iPd	11 49.50	0.1
CFA	4.30	121	e(P)	11 49.40	-0.2
TACH	4.43	162	iP	11 51.00	-0.4
PCH	4.53	158	eP	11 52.50	-0.3
LNV	4.62	168	eP	11 56.50	2.5
CHCH	4.77	161	iPc	11 56.00	-0.2
CYA	6.00	82	ePd	12 11.80	-1.7
ANT	6.01	19	eP	12 13.00	-0.7
RFA	6.35	148	ePc	12 17.30	-1.3
SLA	7.83	55	e(P)	12 40.00	0.6
S.D. = 1.2 on 15 of 15 obs.					

• DEC 09, 1985 10h 05m 29.30± 0.85s
5.447 S ± 9.9km 144.955 E ± 8.9km
DEPTH = 33.0km (normal)
3.6mb (1 obs.)
PAPUA NEW GUINEA (202)

MDG	0.81	76	iPd	05 43.20	-1.0
WEW	2.32	324	eP	06 07.00	1.0
TZZ	3.76	273	eP	06 26.00	-0.5
PMG	4.48	152	eP	06 38.00	1.3
LMG	4.65	138	eP	06 42.00	2.8X
WB2	17.74	215	eP	09 34.90	-0.7
WRA	17.75	215	Pd	09 35.50	-0.2
0.6s 3.10nm 3.6mb					
S.D. = 1.2 on 6 of 7 obs.					

? DEC 09, 1985 10h 39m 23.58± 4.85s
14.137 N ±16.4km 60.670 W ±48.1km
DEPTH = 33.0km (normal)
WINDWARD ISLANDS (95)

SLW	0.28	246	eP	39 31.13	0.0
			S	39 35.50	
MVM	0.47	332	eP	39 33.54	-0.2
			S	39 47.70	
BIM	0.54	314	iPc	39 34.74	-0.1
			S	39 41.80	
CRM	0.66	339	iPc	39 36.44	0.0
			S	39 44.80	
FDF	0.75	322	eP	39 38.12	0.3
			S	39 47.80	
S.D. = 0.3 on 5 of 5 obs.					

DEC 09, 1985 11h 53m 28.05± 0.19s
5.651 S ± 4.9km 105.816 E ± 6.5km
DEPTH = 148.1km (8 depth phases)
5.1mb (25 obs.)
SUNDA STRAIT (276)

KGM	8.01	342	iPd	00 26.70	3.8X
1.0s 241.00nm 5.8mb					
			e	00 46.80	
IPM	11.23	335	ePd	01 07.80	2.4
0.8s 120.90nm 5.6mb					
SNG	13.76	338	eP	01 39.00	0.9
			eS	06 47.50	
NNT	19.10	342	eP	02 41.80	-0.2
			e	10 21.10	
NAU	19.22	152	iPc	02 43.50	0.3
0.5s 63.00nm 5.2mb					
			eS	06 05.00	
PPR	20.01	40	iPd	02 56.00	4.7X
MBL	20.55	140	iPc	02 56.80	0.1
0.7s 52.00nm 5.1mb					
			eS	06 35.00	
KMT	21.53	341	eP	03 07.80	1.3
NST	21.92	345	eP	03 11.10	0.8
LOE	23.26	350	eP	03 22.00	-1.4
MEK	24.13	151	iPd	03 31.70	0.1
0.6s 51.00nm 5.2mb					
			eS	08 00.00	
KNA	24.65	116	eP	03 36.00	-0.6
OIZ	24.84	9	eP	03 40.60	2.3
MAN	25.22	37	iPd	03 45.00	3.1X
CHG	25.24	345	iPd	03 41.60	-0.4
0.8s 20.15nm 4.7mb					
CHTO	25.24	345	eP	03 41.30	-0.7
0.8s 19.03nm 4.7mb					
MRWA	25.34	159	eP	03 42.00	-0.9
			eS	08 32.00	

09d 12h

MUN	27.94	161	eP	04	06.00	-0.4	COZ	88.01	316	IPd	11	03.00	0.2	LFF	146.41	342	ePKP	09	53.10	1.3
	0.9s	32.00nm			5.0mb		VTS	88.37	313	IPd	11	06.00	1.6	LPO	146.51	341	ePKP	09	53.70	1.7
			eS	09	36.00		VAY	88.64	312	IP	11	05.70	0.0	ITR	146.62	130	ePKP	09	46.00	-7.1X
KLB	28.13	158	eP	04	07.00	-1.2	SKO	89.57	312	IP	11	09.00	-1.1		S.D. = 1.0 on 20 of 31 obs.								
			eS	09	30.00		KJF	89.89	335	IP	11	11.00	-0.1										
WBN	28.44	138	eP	04	10.00	-1.0		0.7s	22.70nm			5.3mb			DEC 09, 1985 13h 20m 23.91± 0.92s								
	0.6s	13.00nm			4.8mb		OHR	89.93	311	eP	11	10.20	-1.6		31.809 N ± 6.5km 56.009 E ± 3.9km								
			eS	09	47.00		SUF	90.26	333	IP	11	12.50	-0.3		DEPTH = 44.0 ± 9.4 km								
KLG	29.00	151	iPd	04	15.50	-0.6		0.4s	2.10nm			4.6mb			4.7mb (12 obs.)								
	0.4s	89.00nm			5.8mb		NUR	90.54	331	IP	11	14.00	-0.1		IRAN								(348)
NWAO	29.15	168	eP	04	17.00	-0.3	ZST	93.31	318	eP	11	27.70	0.6										
			eS	10	44.00		UPP	93.93	330	IP	11	28.80	-0.9	SHI	3.69	235	eP	21	22.00	1.9
WRA	31.16	120	Pd	04	34.70	-0.4	VOY	95.36	316	e(P)	11	36.60	-0.2	MHI	5.33	32	ePn	21	43.00	-0.2
	0.6s	12.30nm			4.8mb		KHC	95.70	319	P	11	38.90	0.7				eSn	22	45.00		
GYA	31.93	1	P	04	43.00	1.2	HFS	95.92	330	eP	11	37.90	-0.9	IR2	5.74	313	iPd	21	47.90	-1.0
			pP	05	17.00	161kmX		0.7s	4.60nm			5.0mb					eS	23	19.00		
			sP	05	32.40		GRF	97.25	319	e(P)	11	46.60	1.5	KER	7.89	291	eP	22	42.00	23.0X
KOD	32.35	299	IPd	04	47.00	1.1	YKA	116.00	20	ePKP	16	54.60	0.1	SLY	9.54	296	eP	23	21.00	39.4X
	0.9s	92.44nm			5.6mb		YKC	116.06	20	iPKPd	16	53.70	-0.9				i	25	18.50		
ASPA	32.43	126	iPc	04	45.90	-0.3		0.8s	12.00nm								i	25	41.00		
			e	05	18.00	150km	PNT	122.07	33	ePKP	17	06.00	-0.5				iS	26	45.00		
			eS	09	45.00		FFC	126.18	20	ePKP	17	14.00	-0.3				iS	27	35.00		
GBA	34.06	304	P	04	59.50	-0.7		0.8s	6.00nm					MSL	11.59	297	eP	23	06.50	-3.1X
HYB	35.36	311	eP	05	10.50	-0.9	EUR	129.51	42	iPKP	17	23.00	1.5				eS	26	35.00		
	0.8s	34.60nm			5.1mb			0.2s	7.82nm					RTB	13.32	279	eP	23	30.00	-2.7
			ed	05	11.50	3kmX	RSON	132.08	17	ePKP	17	24.20	-1.5				e	27	38.00		
ISQ	35.99	118	iPd	05	16.50	-0.1		0.5s	4.20nm					HRI	17.16	280	eP	24	36.70	14.6X
CD2	36.41	357	P	05	20.20	0.2	ITR	141.58	248	e(PKP)	17	39.00	-5.4X	JER	17.70	275	eP	24	30.00	1.2
			S	10	51.50		LTX	143.53	46	ePKP	17	46.00	-1.5	KSH	17.92	59	eP	24	32.00	0.5
LSA	37.86	339	P	05	31.50	-1.3		0.6s	1.32nm					NDI	18.58	94	eP	24	39.50	-0.1
PKI	38.47	330	iP	05	36.20	-1.4	SOB1	143.68	246	iPKPd	17	46.40	-1.6	ANTO	20.43	300	eP	25	00.80	0.7
DMN	38.65	330	IP	05	37.80	-1.3				e	17	47.40			1.2s	38.89nm				4.6mb	
KKN	38.71	330	iP	05	38.20	-1.3				e	17	48.90		ELL	22.09	290	iP	25	20.70	3.7X
XAN	39.58	4	Pd	05	46.70	0.3				e	18	25.40		HYB	24.94	120	eP	25	44.70	0.1
PMG	41.13	98	eP	06	00.00	0.6				e	21	11.00		DMN	25.58	92	iP	25	51.20	0.3
LZH	41.56	358	eP	06	03.50	0.8	SIO	143.79	31	ePKP	17	45.20	-2.4X	KKN	25.68	91	iP	25	51.90	0.1
CTA	41.81	114	iPc	06	05.30	0.4	TUL	143.93	31	ePKP	17	46.30	-1.5	PKI	25.85	92	iP	25	53.40	-0.1
	1.1s	22.78nm			4.7mb			0.9s	16.70nm					GBA	26.72	128	P	26	01.00	-0.1
			i	06	38.10	147km				e	18	30.50		WMO	27.59	55	P	26	09.20	0.3
CTAO	41.81	114	eP	06	05.00	0.1				e	21	12.90		KHC	36.07	311	Pc	27	24.00	0.9
	0.8s	15.05nm			4.7mb		RLO	144.10	29	iPKPc	17	46.10	-2.0		1.0s	10.50nm				4.7mb	
			pP	06	38.60	151km				i	18	06.40		GTA	36.13	65	IPc	27	24.50	0.6
ADE	42.09	138	iPc	06	07.90	0.9	BHO	145.59	31	iPKPd	17	50.80	0.1	HFS	39.72	328	eP	27	54.20	0.8
	0.5s	90.14nm			5.7mb		BDF	146.45	231	PKPc	17	55.20	2.4X		0.5s	4.60nm				4.5mb	
STK	42.41	132	iPc	06	10.20	0.6		S.D. = 1.0 on 94 of 100 obs.						CD2	40.52	78	eP	28	01.00	0.5
			e	06	42.00	142km								CHG	40.66	98	iPd	28	02.20	0.5
TIY	43.58	8	eP	06	19.30	0.3	• DEC 09, 1985 12h 50m 13.81± 0.45s								0.8s	13.99nm				4.8mb	
NDI	43.86	323	ePd	06	19.00	-2.4	13.399 S ± 8.6km 166.851 E ±13.2km							CHTO	40.66	98	eP	28	01.50	-0.2
	0.8s	149.25nm			5.7mb		DEPTH = 33.0km (normal)								1.0s	18.25nm				4.8mb	
SFD	45.90	138	eP	06	38.00	0.6	4.5mb (4 obs.)							NB2	41.21	329	P	28	05.60	-0.1
BJI	46.46	11	eP	06	42.50	0.8	VANUATU ISLANDS						(186)		0.9s	4.80nm				4.2mb	
HHC	46.57	6	P	06	43.50	0.7								DOU	41.39	311	P	28	15.20	3.0X
YOU	48.56	132	iPc	06	58.80	0.5	DZM	8.63	183	iPd	52	19.10	-0.5		1.0s	33.30nm				5.0mb	
			e	07	32.50	148km				IS	53	45.00		KHT	42.32	104	eP	28	15.20	-0.1
CAN	49.48	133	eP	07	07.10	1.7	NOU	8.87	182	iPc	52	23.40	0.7	GRC	42.82	307	iPd	28	18.60	-0.4
			e	07	39.50	141km				iS	53	53.50		XAN	44.06	72	Pc	28	29.10	-0.3
WAM	49.79	134	eP	07	07.60	0.8	BRS	19.15	221	P	54	36.90	-0.4	GYA	44.25	83	P	28	30.40	-0.7
			e	07	42.60	154km	CTA	20.80	249	iPd	54	59.70	4.7X	BNG	44.43	240	iPd	28	31.90	-0.6
WMQ	51.89	343	P	07	22.40	-1.1		0.9s	12.18nm			4.3mb			0.9s	9.00nm				4.6mb	
CN2	52.32	18	Pd	07	26.00	-0.6	CTAO	20.80	249	eP	54	59.90	4.9X				Ic	28	48.00		
			pP	08	01.00	152km		0.5s	16.62nm			4.7mb		BCAO	44.44	240	eP	28	31.80	-0.8
MDJ	54.41	21	iPc	07	41.10	-0.8	STK	29.57	227	iPd	56	11.10	-6.9X		0.8s	10.25nm				4.7mb	
AVY	58.02	251	ePd	08	09.60	1.4	WB2	31.77	254	eP	56	38.00	0.5	HHC	45.00	62	Pc	28	38.10	1.1
IR2	65.86	313	(P)	08	59.00	-1.0	WRA	31.78	254	Pd	56	37.70	0.1	TIY	46.14	66	P	28	45.00	-0.9
MSZ	66.37	137	P	09	03.50	0.5		0.4s	1.90nm			4.3mb		EKA	47.17	318	P	28	58.00	4.3X
PRNI	76.50	303	eP	10	05.50	1.9	ASPA	32.79	247	eP	56	46.00	-0.4		1.3s	11.50nm				4.7mb	
MGI	76.68	395	eP	10	04.50	-0.1	WBN	39.80	245	eP	57	46.00	0.2	BJI	48.60	63	P	29	05.00	-0.1
JER	76.70	304	eP	10	03.80	-1.0	COL	85.21	18	eP	02	48.00	0.1	IPM	50.09	113	ePc	29	15.20	-1.6
SBA	78.58	169	iP	10	15.90	1.7		0.8s	5.97nm			4.8mb		TIA	50.13	67	eP	29	17.10	0.3
	1.0s	18.00nm			4.8mb		FLN	143.21	346	ePKP	09	43.70	-2.6X	DAG	55.81	344	IPc	29	57.50	-1.0
CSS	79.04	307	eP	10	17.80	0.4	LDF	143.29	346	ePKP	09	44.00	-2.4X		0.8s	5.97nm				4.7mb	
ANTO	80.72	312	eP	10	25.70	-0.7	LOR	143.36	341	ePKP	09	44.20	-2.4X	KIC	61.89	259	eP	30	42.30	0.8
	1.1s	43.58nm			5.1mb		LBF	143.57	340	iPKPc	09	44.60	-2.4X	MBC	72.17	359	eP	31	45.00	-0.4
ELL	82.16	308	iPd	10	34.00	0.0	GRC	143.58	341	iPKPc	09	45.00	-1.9X	INK	79.94	4	ePd	32	29.40	0.2
SPA	84.39	180	iPc	10	46.60	1.9	SSF	143.65	341	iPKPc	09	45.50	-1.6	YKA	85.73	356	eP	33	01.00	1.9
	0.5s	19.44nm			5.2mb		GRR	143.65	346	iPKPc	09	45.00	-2.0X	WRA	90.91	113	Pd	33	24.20	-0.3
IZM	84.57	309	iPd	10	47.10	1.1	LPG	143.83	336	ePKP	09	46.50	-1.4		0.7s	2.90nm				4.8mb	
JMB	85.88	313	IPc	10	54.00	1.6	LPF	144.03	346	iPKPc	09	46.10	-1.6	WB2	90.92	113	eP	33	23.70	-0.8
DIM	86.53	313	iPc	10	57.00	1.4	SOB1	144.46	128	ePKP	09	40.80	-8.7X		S.D. = 0.9 on 39 of 46 obs.								
KDZ	86.63	312	eP	10	55.00	-1.1				e	09	43.40											
CYO	86.84	316	iP	10	57.50	0.5	MZF	144.70	341	ePKP	09	45.60	-0.3	? DEC 09, 1985 13h 45m 44.88± 4.00s									
PVL	87.03	314	iPd	10	58.00	0.0	LSF	144.99	342	iPKPc	09	48.90	-0.5	23.243 N ±19.5km 122.216 E ±29.9km									
BNG	87.72	275	iPd	11	02.90	1.0	MFF	145.14	344	ePKP	09	49.40	-0.2	DEPTH = 10.0km (geophysicist)									
	0.8s	14.00nm			5.0mb		CVF	145.25	331	ePKP	09	49.90	-0.1	TAIWAN REGION								(243)	
BCAO	87.73	275	eP	11	02.60	0.6	FRF	145.46	334	ePKP	09	50.60	0.3										
	1.0s	8.00nm			4.7mb		RJF	145.85	341	ePKP	09	51.80	0.9	TWF1	85	278	iP	48	01.60	0.3
MMB	87.82	312	iPd	11	02.00	0.2	CAF	146.01	341	ePKP	09	52.40	1.2	TWD	1.01	326	IPd	46	03.50	-0.5

		eS	46	16.20		
TWC	1.40	348	iP	46	10.70	0.3
TWK	1.59	271	iPc	46	13.50	0.3
TWM1	1.70	256	eP	46	14.30	-0.5
S.D. = 0.6			on	5 of	5 obs.	

DEC 09, 1985 13h 55m 35.11± 0.59s
42.284 N ± 5.9km 19.970 E ± 5.2km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 3.0 (TTG).

PVY	0.31	0	iPgc	55	41.00	-0.6
			eSg	55	46.50	
TTG	0.55	286	iPg	55	45.30	-0.8
			eSg	55	54.30	
IVA	0.59	355	ePg	55	46.00	-1.1
			eSg	55	55.00	
ULC	0.62	239	ePg	55	47.80	0.1
			eSg	55	58.50	
BDV	0.85	270	ePg	55	51.40	-0.1
			eSg	56	06.00	
NKY	0.89	307	ePg	55	51.30	-1.0
			eSg	56	06.00	
HCY	1.10	279	ePg	55	55.80	0.0
			eSg	56	13.20	
PLE	1.13	338	ePg	55	56.00	-0.3
			eSg	56	13.00	
SKO	1.14	105	iPn	55	56.50	0.1
BRY	1.22	301	ePg	55	58.00	0.1
			eSg	56	17.00	
OHR	1.33	152	iPn	55	58.20	-1.4
VAY	2.17	115	iPn	56	13.00	1.3
CEY	5.28	313	e(Pn)	57	00.20	4.2X
			eSn	58	02.00	
VOY	5.76	313	ePn	57	05.00	2.3
KBA	6.73	318	e(Pn)	57	18.00	1.5
			i	58	46.40	
S.D. = 1.1			on	14 of	15 obs.	

DEC 09, 1985 14h 01m 07.96± 0.57s
42.285 N ± 4.9km 19.973 E ± 4.8km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 2.7 (TTG).

PVY	0.31	0	iPgc	01	14.50	0.1
			eSg	01	19.50	
TTG	0.55	286	ePg	01	18.20	-0.8
			eSg	01	28.40	
IVA	0.59	355	ePg	01	19.50	-0.4
			eSg	01	29.10	
ULC	0.63	239	ePg	01	21.00	0.4
			eSg	01	32.00	
BDV	0.85	270	ePg	01	25.00	0.6
			eSg	01	39.50	
NKY	0.89	307	ePg	01	25.20	0.0
			eSg	01	40.00	
PLE	1.13	338	ePg	01	29.20	0.0
			eSg	01	47.00	
SKO	1.13	106	iPn	01	30.00	0.8
			i	01	32.00	
BRY	1.22	301	ePg	01	31.00	0.2
			eSg	01	50.50	
OHR	1.33	152	ePn	01	31.50	-1.0
VAY	2.17	116	ePn	01	46.50	1.9X
CEY	5.28	313	e(Pn)	02	31.90	3.0X
			e(Sn)	03	35.80	
LJU	5.42	316	eP	02	47.90	17.1X
			e(Sn)	03	42.50	
VOY	5.76	313	ePn	02	38.30	2.7X
			eSn	03	46.00	
S.D. = 0.7			on	10 of	14 obs.	

DEC 09, 1985 14h 29m 26.88± 0.86s
18.452 S ± 7.0km 169.090 E ± 9.3km
DEPTH = 222.1 ± 7.3 km
4.6mb (5 obs.)
VANUATU ISLANDS (186)

PVC	1.02	314	iPd	29	59.50	0.2
			iS	30	25.00	
DZM	4.37	214	iPc	30	34.00	-0.7
NOU	4.57	212	iPc	30	36.90	-0.1
			iS	31	26.20	
VSG	12.90	314	eP	32	24.00	0.4
CRZ	16.23	169	P	33	04.00	-0.4
BRS	17.45	236	P	33	19.50	1.5
KRP	20.20	165	P	33	47.00	0.9
GNZ	21.57	161	P	33	59.20	-0.3
			eS	37	46.00	
CTA	21.62	262	iPc	34	01.80	1.7
	0.9s		17.23nm			4.6mb
			iS	37	46.00	
PMG	23.09	290	eP	34	15.50	1.1
WEL	23.27	169	P	34	16.00	0.1
			e	34	34.00	
MSZ	26.16	182	P	34	43.20	0.7
WB2	32.81	262	eP	35	39.90	-1.6
			e	40	38.50	
WRA	32.82	262	Pc	35	39.80	-1.8
	0.7s		7.80nm			4.4mb
ASPA	33.19	255	iPc	35	43.90	-0.9
	0.4s		130.00nm			5.9mb X
WBN	39.93	251	eP	36	41.70	0.5
	0.3s		11.00nm			4.8mb
MBL	46.28	258	eP	37	32.00	-0.3
MEK	47.14	251	eP	37	38.00	-1.0
NAU	50.15	256	eP	38	02.00	0.0
MAT	61.99	332	eP	39	24.00	-1.6
IPM	70.82	282	ePd	40	21.50	-0.2
SPA	71.66	180	iPd	40	25.10	-1.0
	1.0s		20.00nm			4.8mb
MDJ	72.37	332	eP	40	27.50	-2.7
CN2	73.72	329	eP	40	37.80	-0.2
XAN	77.48	312	P	41	00.00	0.5
CHTO	78.20	294	eP	41	04.60	1.0
	0.9s		10.66nm			4.6mb
HHC	79.53	319	eP	41	11.70	1.2
CD2	79.65	307	P	41	12.40	1.1
GTA	86.49	313	P	41	46.80	0.9
COL	89.37	17	eP	41	57.00	-1.9
YKA	100.04	27	ePdiff	42	49.20	1.6
SOB1	139.61	130	ePKP	48	27.50	-3.1X
VAY	143.44	316	ePKP	48	33.30	-3.2X
SKO	143.86	317	iPKP	48	35.50	-1.8
GRF	144.12	335	ePKP	48	36.30	-1.2
	0.9s		21.00nm			
OHR	144.71	317	ePKP	48	37.90	-0.9
MEM	145.20	341	PKP	48	39.00	-0.2
KBA	145.20	331	ePKP	48	38.00	-1.6
	0.9s		10.60nm			
			id	48	39.10	
LJU	145.36	328	ePKP	48	39.90	0.2
ETA	145.63	355	iPKPc	48	40.00	0.1
	0.7s		12.00nm			
VOY	145.69	329	iPKPc	48	40.30	0.0
WLF	145.97	340	PKPc	48	42.00	1.5
DOU	146.07	342	PKPc	48	41.30	0.6
ECP	146.15	355	iPKPc	48	41.60	0.9
	0.7s		62.00nm			
CDF	146.66	338	ePKP	48	43.50	1.7
	0.8s		10.70nm			
SLE	146.74	336	ePKPc	48	43.50	1.6
OSS	146.93	333	ePKPc	48	44.80	2.4X
BSF	147.33	338	ePKP	48	46.30	3.4X
	0.8s		5.30nm			
TMA	147.93	334	ePKPc	48	46.90	2.8X
MMK	148.35	335	ePKPc	48	49.00	4.2X
FLN	148.60	347	ePKP	48	48.10	3.3X
	0.5s		4.30nm			
LOR	148.81	340	ePKP	48	49.20	4.0X
	0.8s		5.90nm			
LBF	149.02	340	ePKP	48	49.80	4.2X
	0.8s		6.70nm			
GRC	149.03	341	iPKPd	48	50.50	5.0X
GRR	149.04	347	ePKP	48	49.60	4.1X
	0.5s		5.80nm			
SSF	149.11	341	ePKP	48	50.10	4.5X
	0.8s		5.90nm			
LPG	149.29	335	ePKP	48	57.50	11.1X
	0.6s		5.40nm			
LPF	149.42	347	ePKP	48	50.50	4.5X
	0.5s		5.80nm			
S.D. = 1.2			on	44 of	58 obs.	

DEC 09, 1985 15h 37m 41.95± 0.50s
50.233 N ± 4.8km 12.434 E ± 4.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.8 (GRF).

HOF	0.37	283	ePg	37	49.50	0.0
MOX	0.67	309	iPg	37	55.00	-0.2
			iSg	38	04.50	
GRF	0.95	236	ePg	38	00.30	0.2
			eSg	38	12.90	
			eLg	38	14.90	
WET	1.13	165	iPgd	38	03.00	-0.1
CLL	1.14	18	(Pg)	38	03.30	0.1
			iSg	38	18.00	
BRG	1.16	56	iPg	38	03.70	0.1
			iSg	38	18.80	
KHC	1.33	146	Pg	38	06.50	0.0
			Sg	38	24.00	
PRU	1.38	99	Pg	38	07.10	-0.1
			Sg	38	24.50	
S.D. = 0.2			on	8 of	8 obs.	

DEC 09, 1985 16h 09m 53.54± 0.71s
31.577 S ± 6.3km 66.805 W ± 9.7km
DEPTH = 142.8 ± 16.6 km
LA RIOJA PROVINCE, ARGENTINA (138)

CFA	1.22	268	ePc	10	19.40	-0.7
			S	10	37.50	
RTLL	1.44	279	iPd	10	21.90	-0.4
RTCV	1.50	259	iPc	10	22.70	-0.3
			S	10	43.90	
ZON	1.60	271	iPd	10	25.30	1.2
			eS	10	46.00	
RTCB	1.71	273	iPc	10	25.30	0.0
			S	10	47.40	
VCA	3.07	336	ePc	10	43.00	0.7
			S	11	18.00	
RFA	3.48	203	iPd	10	47.40	-0.1
BACH	3.58	239	iPd	10	49.50	0.6
			i	11	32.70	
PEL	3.64	244	eP	10	48.50	-1.1
			i	11	26.00	
			i	11	32.00	
PCH	3.74	236	iPc	10	51.50	0.6
			i	11	27.00	
			e	11	35.60	
ROCH	3.82	248	iP	10	51.70	-0.5
			i	11	26.90	
			i	11	35.40	
CHCH	4.00	233	eP	10	55.50	1.1
TACH	4.06	238	iPc	10	54.70	-0.4
			i	11	41.80	
LNV	4.55	237	eP	11	01.20	-0.4
			i(S)	11	51.10	
SLA	6.92	10	ePd	11	33.40	-0.5
VBA	7.58	150	ePc	11	42.70	0.1
S.D. = 0.7			on	16 of	16 obs.	

* DEC 09, 1985 16h 39m 21.63± 2.07s
12.985 S ±12.0km 76.993 W ±24.1km
DEPTH = 78.8 ± 9.1 km
NEAR COAST OF PERU (115)

PT02	0.54	86	iP	39	34.60	-1.3
			iS	39	48.10	
NNA	1.00	8	iPd	39	41.00	0.1
	0.6s		213.33nm			
			eS	39	52.00	
PT06	1.06	143	iP	39	42.40	0.8
HUA	1.88	60	iPc	39	53.90	1.0
			iS	40	15.00	
ARE	6.35	124	eP	41	00.50	5.7X
ZOBO	9.18	112	eP	41	33.40	-0.7
			LR	44	56.00	
LPB	9.30	113	eP	41	36.00	0.5
			LR	45	15.00	
CNCB	9.50	115	P	41	38.40	-0.1
SOB1	35.60	88	eP	46	13.90	0.1
ITR	38.08	88	iPd	46	34.30	-0.4
S.D. = 0.9			on	9 of	10 obs.	

? DEC 09, 1985 21h 17m 14.33± 2.79s
22.365 S ±22.3km 179.638 W ±22.6km
DEPTH = 653.2 ± 33.2 km
4.5mb (5 obs.)
SOUTH OF FIJI ISLANDS (171)

DZM	12.90	269	iPc	20	02.80	1.1
KRP	16.05	194	P	20	32.00	0.6
TCW	19.48	194	eP	21	00.70	-2.2
CTA	31.84	268	iPd	22	50.50	-0.2
	0.6s		8.67nm			4.6mb
CTAO	31.84	268	eP	22	50.90	0.2

09d 21h

	0.6s	23.81nm			5.0mb	
ASPA	42.64	259	eP	24	18.00	-0.2
WB2	42.85	264	eP	24	19.00	-0.9
WRA	42.86	264	Pc	24	19.40	-0.5
	0.5s	4.10nm			4.1mb	
WBN	48.90	254	iPd	25	05.90	0.4
	0.4s	15.00nm			4.8mb	
MBL	55.89	259	eP	25	55.00	-0.2
SPA	67.77	180	eP	27	13.00	2.0
CHG	89.45	291	eP	29	08.50	3.3X
CHTO	89.45	291	eP	29	08.80	3.6X
	0.7s	3.02nm			4.3mb	
COL	90.39	13	eP	29	08.00	-0.5
NB2	140.62	352	PKP	35	27.20	-5.3X
	1.1s	2.90nm				
HFS	141.11	349	ePKP	35	28.40	-4.9X
	0.5s	3.30nm				
ANTO	147.44	310	ePKP	35	50.20	5.6X
	0.7s	5.08nm				
BRG	149.63	343	iPKPd	35	54.90	7.4X
	0.8s	14.00nm				
		e		36	02.00	
PRU	150.26	341	ePKP	35	56.20	7.7X
		e		36	05.00	
KHC	151.31	342	ePKP	35	59.20	9.1X
		i		36	10.50	
	S.D. = 1.2	on	12 of	20	obs.	

DEC 09, 1985 21h 38m 57.04± 0.73s
44.635 N ± 5.3km 111.069 W ± 9.9km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 3.1 (NEIS).

IMW	0.74	173	iPd	39	11.40	-0.5
CCMT	1.32	283	eP	39	23.00	1.0
LCCM	1.33	335	ePd	39	22.40	0.2
TMI	1.46	205	eP	39	24.00	-0.4
SXM	1.52	356	ePn	39	25.40	0.3
LRM	1.54	321	ePnd	39	26.10	0.7
HPI	1.73	238	eP	39	28.50	0.3
BUT	1.74	323	ePg	39	30.50	2.3X
			eSn	39	51.20	
HRY	2.14	346	ePn	39	33.90	-0.2
BDW	2.15	149	eP	39	35.00	0.7
NEW	5.54	313	eP	40	20.00	-2.2
	S.D. = 1.0	on	10 of	11	obs.	

• DEC 09, 1985 22h 12m 30.97± 0.87s
28.685 N ±12.3km 141.082 E ±16.2km
DEPTH = 33.0km (normal)
4.8mb (1 obs.)
BONIN ISLANDS REGION (212)

CBI	1.86	148	eP	13	02.00	0.9
			eS	13	24.00	
SSE	17.42	283	P+	16	33.00	0.0
	N 13s	0.40um				
			eS	19	52.00	
MDJ	18.35	333	eP	16	44.00	-0.4
NJ2	19.47	285	Pc	16	58.00	0.1
CN2	19.61	324	Pd	16	59.00	-0.4
			eS	20	28.00	
WHN	23.30	281	eP	17	38.00	1.3
BJI	23.40	305	eP	17	39.50	1.9
			eS	21	57.00	
TIY	25.53	298	P	17	58.00	-0.2
HHC	26.98	305	eP	18	12.10	0.4
XAN	27.91	289	eP	18	19.80	-0.3
BTO	28.04	303	eP	18	22.00	0.7
			eS	23	07.00	
GTA	35.55	299	eP	19	25.50	-1.7
WB2	48.78	188	eP	21	14.20	-0.6
WRA	48.78	188	Pc	21	14.10	-0.7
	0.6s	6.00nm			4.8mb	
NDI	55.39	287	eP	22	03.50	-0.9
COL	56.42	29	eP	22	19.00	7.7X
	S.D. = 1.0	on	15 of	16	obs.	

DEC 09, 1985 22h 56m 21.78± 0.36s
33.730 N ± 7.3km 137.043 E ± 4.5km
DEPTH = 347.3 ± 3.5 km
4.3mb (13 obs.)
NEAR S. COAST OF HONSHU, JAPAN (236)

DYM	2.48	47	iPd	57	17.10	0.2
SRY	2.63	44	iPc	57	18.20	0.2
DDR	2.87	37	iPd	57	20.40	0.2
KYS	2.95	59	eP	57	20.30	-0.6
MAT	2.96	18	iPd	57	21.40	0.4
			iS	58	06.40	
TOK	2.97	48	P	57	21.30	0.3
			eS	58	06.00	
TSK	3.53	45	iPd	57	25.00	-1.3
SHK	3.71	284	eP	57	28.90	0.8
SSE	13.65	263	Pd	59	25.50	1.2
NJ2	15.37	269	Pd	59	41.50	-1.5
BJI	17.83	297	eP	00	07.50	-0.8
WHN	19.47	267	eP	00	25.00	0.3
XAN	23.32	279	Pd	01	01.70	0.1
GYA	27.20	263	Pc	01	36.80	0.0
			S	05	49.00	
CD2	28.20	274	iPd	01	48.90	3.3X
GTA	30.28	292	iPd	02	03.00	-0.8
KMI	30.97	263	Pc	02	09.50	-0.5
CHG	37.02	256	iPc	03	02.00	1.0
	1.0s	34.50nm			4.6mb	
CHTO	37.02	256	iPd	03	01.70	0.7
	0.9s	28.35nm			4.6mb	
BDT	37.81	254	eP	03	06.80	-0.6
WMO	39.26	300	P	03	20.20	1.0
KHT	39.51	251	eP	03	22.80	1.3
NNT	39.93	247	eP	03	26.10	1.2
PKI	44.47	276	eP	04	01.40	-0.3
	1.0s	16.00nm			4.2mb	
KKN	44.50	277	eP	04	01.80	0.0
	0.9s	34.00nm			4.6mb	
DMN	44.71	277	eP	04	03.60	0.1
	0.9s	16.00nm			4.3mb	
NDI	50.81	281	iPd	04	49.50	-0.4
	0.6s	20.00nm			4.6mb	
WB2	53.43	183	eP	05	08.10	-1.0
WRA	53.43	183	Pd	05	08.20	-0.9
	0.3s	1.80nm			3.9mb	
COL	53.78	31	eP	05	11.00	-0.1
	0.8s	6.72nm			4.0mb	
HYB	54.53	268	eP	05	16.50	-0.7
MBL	57.00	199	eP	05	33.70	-0.6
	0.6s	8.00nm			4.3mb	
GBA	57.38	265	P	05	36.80	-0.3
INK	58.93	26	iPc	05	46.10	-1.0
MBC	60.68	15	eP	05	58.00	-0.8
KJF	67.90	334	eP	06	45.00	0.0
YKC	68.49	28	eP	06	49.00	0.3
SUF	69.29	333	iP	06	53.00	-0.6
	0.5s	2.50nm			4.2mb	
HFS	75.57	334	eP	07	29.40	-0.6
	0.4s	2.20nm			4.2mb	
NB2	75.80	336	P	07	31.00	-0.3
	0.7s	2.40nm			4.0mb	
EUR	80.70	49	iP	07	59.00	0.7
	0.2s	16.75nm			5.5mb	X
CLC	81.80	52	eP	08	04.00	0.1
SBB	82.31	53	eP	08	07.00	0.5
GSC	82.63	52	eP	08	09.00	0.9
TPC	83.84	53	eP	08	14.00	-0.2
GLA	85.28	53	eP	08	23.00	1.6
ALQ	89.45	47	eP	08	42.60	1.2
	0.9s	1.47nm			3.9mb	
	S.D. = 0.8	on	46 of	47	obs.	

? DEC 10, 1985 01h 46m 24.07± 2.61s
17.443 N ±25.0km 101.372 W ±14.2km
DEPTH = 33.0km (normal)
NEAR COAST OF GUERRERO, MEXICO (58)

PIM	0.96	330	iP	46	41.20	0.0
			iS	46	55.00	
III	2.04	63	iP	46	57.00	0.1
			iS	47	30.00	
OXM	2.44	41	iP	47	02.70	-0.1
TPM	2.68	55	iP	47	06.00	0.0
UNM	2.80	48	eP	47	16.00	8.2X
TAC	2.84	46	iP	47	20.00	11.6X
VHO	4.44	92	iP	47	31.00	0.0
	S.D. = 0.1	on	5 of	7	obs.	

• DEC 10, 1985 01h 51m 03.35± 1.27s
30.209 S ±10.8km 179.553 W ±10.2km
DEPTH = 367.6 ± 11.9 km
4.7mb (3 obs)
KERMADEC ISLANDS REGION (177)

CRZ	7.81	235	P	52	08.00	1.8
GNZ	8.65	193	P	52	49.90	-16.2X
			S	54	35.00	
KRP	8.71	207	P	53	05.00	-1.8
			S	54	27.00	
WEL	11.97	201	P	53	40.00	-5.7X
			S	55	51.00	
SGE	12.77	349	ePc	53	53.20	-2.3
NOU	14.81	299	iPc	54	20.00	2.5
			iS	57	12.50	
DZM	14.95	300	iPc	54	19.40	0.3
COO	24.61	262	eP	55	57.00	3.5X
CAN	26.87	251	eP	56	14.90	1.1
WAM	27.00	249	eP	56	16.50	1.6
			e	59	25.10	
YOU	27.36	253	eP	56	20.30	2.2
			e	59	26.10	
CMS	29.68	259	eP	56	39.00	0.5
CTA	32.44	280	iPc	57	02.90	0.4
	0.7s	22.60nm			4.6mb	
STK	33.21	257	eP	57	09.00	0.1
ASPA	41.78	267	eP	58	19.00	-0.9
WB2	42.74	273	eP	58	26.30	-1.3
			i	59	57.00	
KNA	49.32	275	eP	59	18.00	-0.6
KLG	50.30	253	eP	59	25.00	-0.9
KLB	53.13	251	eP	59	45.00	-1.7
MUN	54.30	250	iPd	59	53.60	-1.5
	1.0s	60.00nm			4.9mb	
MRWA	55.29	254	eP	00	01.00	-1.1
NAU	58.01	261	eP	00	20.00	-1.2
MAT	77.33	326	eP	02	18.00	-1.5
	1.0s	15.00nm			4.7mb	
SBB	86.89	47	eP	03	09.00	0.6
ISA	87.12	46	eP	03	10.00	0.5
TPC	87.65	48	eP	03	13.00	0.9
CLC	87.76	46	eP	03	13.00	0.5
GLA	87.78	49	eP	03	14.00	1.3
GSC	87.92	47	eP	03	14.00	0.6
BJI	91.85	316	eP	03	32.00	0.8
COL	97.98	13	eP	03	57.00	-1.6
BUL	123.07	212	iPKPc	09	18.30	-0.3
SOB1	124.20	128	ePKP	09	20.30	-0.5
KRI	125.44	215	ePKP	09	23.70	0.4
IR2	137.68	291	(PKP)	09	46.00	-0.1
KJF	141.89	341	iPKP	09	47.00	-5.3X
	0.8s	22.00nm				
SUF	143.49	340	iPKP	09	52.00	-3.3X
	0.5s	29.20nm				
NUR	145.66	339	iPKP	09	59.00	0.0
UPP	148.17	344	iPKPc	10	05.10	2.1X
NB2	148.35	350	PKP	10	06.10	2.7X
	0.7s	25.10nm				
NRA0	148.59	350	iPKP	10	00.50	-3.2X
HFS	148.78	347	ePKP	10	06.60	2.6X
	0.4s	19.80nm				
BNG	149.19	217	iPKPd	10	10.10	4.0X
	0.4s	19.00nm				
			id	11	16.50	
			id	11	42.90	
BCAO	149.19	217	e(PKP)	10	05.50	-0.6
HRI	149.92	285	ePKP	10	13.50	6.8X
PRNI	150.23	279	ePKP	10	13.50	6.3X
JER	150.24	282	iPKPd	10	11.50	4.3X
ANTO	151.95	299	ePKP	10	16.30	6.8X
	0.8s	20.50nm				
MLR	154.88	314	ePKP	10	10.00	-3.4X
KIC	155.78	167	ePKP	10	25.10	9.7X
KSP	156.22	335	ePKP	10	25.50	10.6X
			ic	10	45.00	
ZST	157.97	329	ePKP	10	17.80	0.7
KHC	158.63	336	PKPd	10	18.50	0.7
			i	10	56.50	
	S.D. = 1.2	on	36 of	53	obs.	

DEC 10, 1985 02h 44m 04.33± 0.60s
42.294 N ± 6.5km 19.896 E ± 5.1km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 3.0 (ULC), 2.8 (TTG).

PVY	0.31	11	iPgc	44	09.70	-1.1
			iSg	44	15.00	
TTG	0.49	286	iPgc	44	12.90	-1.4
			iSg	44	21.00	
IVA	0.58	0	ePg	44	15.20	-0.9
			iSg	44	23.50	
ULC	0.58	236	ePg	44	15.20	0.0

			eSg	44	26.00	
BDV	0.79	270	ePg	44	19.40	-0.3
			eSg	44	34.00	
NKY	0.84	308	ePg	44	19.80	-0.9
			eSg	44	33.00	
HCY	1.05	279	iPgd	44	23.70	-0.4
			eSg	44	41.00	
PLE	1.10	341	ePg	44	24.50	-0.6
			eSg	44	42.50	
BRY	1.17	302	ePg	44	25.50	-0.7
			eSg	44	44.20	
SKO	1.19	105	iPn	44	25.70	-0.9
			i	44	28.50	
			iSn	44	42.80	
			i	44	44.80	
OHR	1.36	150	iPn	44	28.80	-0.6
VAY	2.22	115	iPn	44	42.40	0.6
VTS	2.46	82	ePn	44	46.00	0.9
MMB	2.94	103	iPd	45	01.00	9.0X
			iS	45	42.00	
PVL	3.98	76	ePn	45	18.00	11.3X
KDZ	4.12	97	ePn	45	25.00	16.4X
JMB	4.96	86	ePn	45	29.00	8.5X
CEY	5.24	313	ePn	45	27.20	2.7
			eSn	46	30.70	
LJU	5.38	316	e(Pn)	45	30.00	3.5X
			eSn	46	34.50	
TRI	5.59	310	ePn	45	30.40	0.9
			iSn	46	35.90	
			i	47	06.60	
KBA	6.68	318	iP	45	47.60	2.5
			i	45	52.50	

S.D. = 1.3 on 16 of 21 obs.

? DEC 10, 1985 03h 26m 12.68± 4.85s
17.935 S ±26.3km 177.995 W ±23.4km
DEPTH = 475.0 ± 44.7 km
4.7mb (3 obs.)
FIJI ISLANDS REGION (181)

DZM	15.19	252	iPc	29	26.30	0.1
NOU	15.24	251	iPc	29	26.70	0.1
CRZ	18.42	205	P	29	59.00	1.1
KRP	20.71	195	P	30	19.30	-0.6
GNZ	20.92	189	P	30	21.10	-0.8
CTA	33.83	261	iP	32	16.60	1.0
	0.8s		2.99nm			3.8mb
CAN	34.00	233	eP	32	16.60	-0.4
WAM	34.42	231	eP	32	20.60	0.2
CMS	35.35	241	eP	32	27.00	-1.3
TOO	37.46	231	iPd	32	46.10	0.5
WB2	45.00	260	eP	33	45.70	-0.6
ASPA	45.16	254	eP	33	47.00	-0.6
			e	35	41.00	
			eS	39	35.00	
WBN	51.70	251	iPc	34	37.70	0.9
	0.4s		21.00nm			4.8mb
SPA	72.18	180	ePd	36	50.10	0.4
	0.7s		19.53nm			4.8mb
SOB1	129.78	119	ePKP	44	30.40	0.9
PRU	146.47	345	ePKP	45	03.50	4.9X
KHC	147.50	346	PKP	45	07.50	7.1X
CLO	147.84	332	ePKPc	45	00.00	-1.0
DOU	147.85	357	PKPc	45	06.90	6.1X
FLN	149.19	3	ePKP	45	10.70	7.8X
	0.8s		8.00nm			
CDF	149.30	353	ePKP	45	11.50	8.3X
	0.8s		3.70nm			
KBA	149.47	345	i(PKP)	45	11.30	7.6X
	0.3s		3.30nm			
LPF	149.88	4	ePKP	45	12.60	8.6X
LJU	150.10	342	ePKP	45	12.50	8.1X
VOY	150.29	343	ePKP	45	12.80	8.0X
GRC	150.71	359	iPKPd	45	14.60	9.4X
LOR	150.71	357	ePKP	45	14.60	9.3X
	0.8s		8.00nm			
SSF	150.93	358	ePKP	45	15.10	9.5X
	0.8s		6.70nm			
LBF	150.99	357	ePKP	45	15.60	9.8X
	0.8s		2.60nm			
BGF	151.45	359	ePKP	45	16.10	9.7X
	0.8s		7.20nm			
LSF	151.76	1	ePKP	45	16.40	9.5X
	0.8s		5.30nm			

S.D. = 0.8 on 16 of 31 obs.

? DEC 10, 1985 03h 58m 59.16± 6.05s
38.182 N ±37.1km 20.212 E ±39.7km
DEPTH = 5.0km (geophysicist)
GREECE (364)
ML 3.7 (ATH).

VLS	0.30	91	ePg	59	04.50	-0.7
KZN	2.44	29	ePn	59	41.50	1.1
ATH	2.77	93	ePg	59	45.00	-0.1
			eSn	00	21.00	
OHR	2.96	9	ePn	59	47.10	-0.6
VAY	3.62	29	ePn	59	56.50	-0.6
PRK	4.86	75	ePn	00	15.50	0.9

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

DEC 10, 1985 04h 13m 11.80± 0.81s
44.637 N ± 5.8km 111.089 W ±10.5km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 2.9 (NEIS).

IMW	0.75	172	iPc	13	26.20	-0.6
CCMT	1.30	283	ePn	13	37.40	0.9
LCCM	1.32	335	ePn	13	37.00	0.1
TMI	1.46	205	ePn	13	38.70	-0.4
LRM	1.53	321	iPnd	13	40.70	0.7
HPI	1.72	238	ePn	13	43.00	0.2
BUT	1.73	323	ePg	13	45.30	2.5X
			eSn	14	06.40	
HRY	2.14	346	ePn	13	48.70	0.0
BDW	2.16	149	eP	13	50.00	0.8
NEW	5.52	313	ePn	14	35.00	-1.8

S.D. = 1.0 on 9 of 10 obs.

• DEC 10, 1985 04h 14m 04.79± 2.31s
17.986 N ±26.2km 101.593 W ±13.3km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF GUERRERO, MEXICO (58)

PIM	0.40	316	iP	14	12.90	0.0
			iS	14	20.00	
III	2.06	79	iP	14	39.50	-0.5
			iS	15	10.20	
OXM	2.23	54	iP	14	42.70	0.1
			iS	15	19.00	
TPM	2.60	67	iP	14	48.00	0.2
			iS	15	26.50	
UNM	2.65	59	iP	14	54.00	5.4X
TAC	2.68	58	iP	14	56.50	7.5X
VHO	4.70	98	iP	15	17.80	0.?
			iS	16	20.00	

S.D. = 0.4 on 5 of 7 obs.

? DEC 10, 1985 04h 24m 51.71± 1.02s
30.750 S ±13.3km 178.538 W ±17.9km
DEPTH = 33.0km (normol)
5.5mb (2 obs.)
KERMADEC ISLANDS (178)

CRZ	8.27	241	P	27	01.00	8.7X
GNZ	8.37	199	P	26	52.00	-1.6
			S	28	30.00	
KRP	8.67	213	P	27	00.20	2.4X
WEL	11.82	205	eP	27	42.00	1.1
			S	29	47.00	
NOU	15.83	298	iPd	28	39.40	5.6X
DZM	15.98	299	iPc	28	40.00	4.3X
BRS	25.27	270	P	30	19.10	2.5X
COO	25.41	263	eP	30	22.00	4.1X
CMS	30.44	259	eP	31	04.00	0.6
STK	33.95	258	iPd	31	36.20	2.1
	0.6s		26.00nm			5.3mb
ASPA	42.63	268	eP	32	46.00	-0.8
WB2	43.64	273	eP	32	53.90	-1.1
DRV	43.64	202	eP	32	55.30	0.9
WBN	48.08	261	eP	33	29.00	-1.3
SPA	59.42	180	ePd	34	52.60	-0.7
	1.0s		55.00nm			5.6mb
BUL	123.07	211	iPKPc	43	48.20	1.2
KRI	125.49	214	ePKP	43	54.00	2.2X
KJF	142.69	341	ePKP	44	16.00	-6.4X
SUF	144.29	341	iPKP	44	17.00	-8.2X
	0.4s		3.30nm			
NUR	146.48	339	iPKP	44	24.00	-4.9X
	0.5s		12.60nm			
			i	44	29.70	
UPP	148.93	344	iPKP	44	35.70	2.9X
NB2	149.02	351	PKP	44	30.60	-2.5X
	0.6s		8.80nm			
BNG	149.27	215	iPKPc	44	35.00	0.2
	0.5s		18.00nm			
			id	44	40.00	
BCAO	149.27	215	ePKP	44	34.90	0.1
			e	44	40.20	
HFS	149.49	348	ePKP	44	33.20	-0.5
	0.3s		7.20nm			
ANTO	152.97	298	ePKP	44	42.50	2.9X

S.D. = 1.2 on 13 of 26 obs.

• DEC 10, 1985 04h 40m 49.23± 0.79s
42.208 N ±14.3km 20.037 E ±11.8km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)

SKO	1.07	102	iPn	41	09.00	-0.4
			iSn	41	26.60	
OHR	1.24	152	iPn	41	12.10	-0.1
VAY	2.09	114	iPn	41	25.30	0.6
CEY	5.37	313	ePn	42	11.40	0.0
			eSn	43	15.40	
LJU	5.51	316	eP	42	30.00	16.7X
			e(Sn)	43	29.00	
VOY	5.84	313	ePn	42	18.00	-0.1
			eSn	43	26.50	

S.D. = 0.5 on 5 of 6 obs.

• DEC 10, 1985 05h 11m 45.29± 0.93s
9.506 N ± 9.9km 78.897 W ± 8.7km
DEPTH = 10.0km (geophysicist)
PANAMA (81)
Felt (IV) at Ponomo City.

UPA	0.82	230	iPd	12	00.90	-0.2
	1.0s		4600.00nm			
			iS	12	10.40	
BMG	6.25	112	eP	13	19.50	-0.4
BOG	6.82	135	eP	13	29.00	0.8
SDV	8.18	94	ePn	13	46.70	-0.4
STH	8.76	13	iPd	13	55.23	0.2
			iS	15	31.10	

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

DEC 10, 1985 06h 10m 25.37± 0.53s
37.290 N ± 3.7km 115.012 W ± 6.5km
DEPTH = 5.0km (geophysicist)
SOUTHERN NEVADA (41)
ML 3.7 (NEIS). Felt at Alomo.

PRN	0.12	345	iP	10	29.40	1.4
SPRG	0.87	227	iP	10	43.50	0.8
EUR	2.32	341	iP	11	05.00	0.0
	0.2s		8.37nm			
GSC	2.46	217	eP	11	07.00	0.2
CLC	2.55	236	eP	11	08.00	-0.1
MSU	2.56	61	eP	11	08.10	-0.3
CWC	2.60	252	eP	11	08.00	-1.0
			e	11	50.00	
MNA	2.74	296	iPc	11	10.80	-0.1
SDW	3.16	213	iP	11	17.30	0.5
ISA	3.23	241	eP	11	20.00	2.2X
TPC	3.29	195	eP	11	18.00	-0.6
SBB	3.46	222	eP	11	31.00	10.0X
BMN	3.58	332	eP	11	22.00	-0.8
RVR	3.81	211	eP	11	27.00	1.0
PEC	3.82	208	eP	11	26.50	0.4
MWC	3.94	220	eP	11	39.00	11.0X
PAS	4.05	220	eP	11	43.00	13.6X
PLM	4.21	202	eP	11	31.00	-0.8
GLA	4.23	178	eP	11	32.00	0.0
JAS1	4.34	280	eP	11	33.00	-0.6
BAR	4.80	197	eP	11	55.00	14.9X
SYP	4.88	237	eP	12	00.00	18.6X
ALQ	7.31	106	e(P)	12	27.00	11.4X

S.D. = 0.7 on 16 of 23 obs.

• DEC 10, 1985 06h 21m 00.54± 0.98s
30.008 S ±15.5km 177.421 W ±14.6km
DEPTH = 33.0km (normol)
5.3mb (3 obs.)
KERMADEC ISLANDS (178)

GNZ	9.40	202	eP	23	11.00	-5.7X
			S	24	50.20	
CRZ	9.47	240	P	23	19.00	1.3
KRP	9.82	215	P	23	23.70	1.2

10d 06h

			S	25	08.00	
NOU	16.37	294	iPc	24	52.50	3.0X
DZM	16.50	295	iPc	24	52.90	1.7
BRS	23.24	288	P	26	34.00	-0.5
CAN	28.68	250	eP	26	55.20	-1.3
WAM	28.80	249	eP	26	56.80	-0.8
YOU	29.18	253	eP	27	01.90	0.8
CTA	34.23	278	iPc	27	44.90	-0.6
	0.9s	31.93nm			5.2mb	
CTAO	34.23	278	iP	27	44.90	-0.6
	0.6s	54.01nm			5.7mb	
ASPA	43.63	266	eP	29	02.00	-1.8
			e(S)	36	00.00	
WB2	44.57	271	eP	29	08.20	-3.3X
SPA	60.16	180	iPd	31	07.20	0.0
	0.8s	15.00nm			5.2mb	
COL	97.38	12	e(P)	34	33.80	2.7
SOB1	122.84	126	ePKP	39	55.30	-0.1
			e	40	13.90	
KJF	142.29	342	ePKP	40	25.00	-5.6X
SUF	143.90	342	iPKP	40	30.80	-2.6
	0.5s	4.50nm				
NUR	146.11	341	iPKP	40	37.90	0.7
	0.5s	14.00nm				
NB2	148.44	352	PKP	40	44.50	3.5X
	0.7s	4.50nm				
HFS	148.96	349	ePKP	40	45.80	4.1X
	0.5s	6.00nm				
BNG	150.42	214	iPKPc	40	50.10	4.7X
	0.9s	27.00nm				
			ic	40	55.00	
			ic	44	12.00	
BCAO	150.43	214	iPKP	40	50.00	4.6X
	1.0s	14.25nm				
KHC	159.15	339	ePKP	41	08.00	12.0X
S.D. = 1.5 on 15 of 24 obs.						

* DEC 10, 1985 08h 09m 26.32± 0.56s
36.021 N ± 9.5km 69.002 E ± 8.9km
DEPTH = 33.0km (normal)
4.6mb (6 obs.)
HINDU KUSH REGION (718)

KSH	6.51	56	P	11	04.00	1.6
NDI	10.08	134	iPd	11	51.50	-0.4
	0.7s	34.25nm			5.7mb	X
DMN	16.04	117	eP	13	09.20	-2.0
KKN	16.06	116	eP	13	09.10	-2.4
PKI	16.28	117	eP	13	12.10	-2.3
WMQ	16.30	56	eP	13	16.50	2.2
LSA	19.63	102	Pd	13	56.00	0.5
HYB	20.38	153	eP	14	04.00	1.0
GBA	23.57	159	P	14	37.60	2.8
			S	19	01.60	
GTA	24.55	73	Pd	14	45.80	1.5
KOD	26.80	161	eP	15	08.00	2.3
XAN	32.59	82	eP	15	56.60	-0.3
GYA	33.41	96	P	16	04.60	0.4
LOE	34.39	114	eP	16	06.00	-6.6X
NUR	37.29	325	iP	16	35.00	-1.6
SUF	37.49	329	iP	16	38.40	0.1
	0.4s	2.90nm			4.5mb	
KJF	37.53	332	eP	16	39.00	0.4
NB2	43.80	323	P	17	29.60	-0.8
	0.8s	4.20nm			4.3mb	
SMF	48.78	304	eP	18	10.80	0.9
	0.7s	4.80nm			4.6mb	
AVF	49.08	304	ePKP	18	13.00	0.8
	0.7s	3.30nm			4.5mb	
DAG	54.76	344	iPc	18	53.00	-1.5
	0.6s	5.33nm			4.7mb	
BNG	55.97	248	iPc	19	03.50	-0.5
	0.6s	9.00nm			5.0mb	
MBC	67.88	2	eP	20	22.00	-1.0
INK	74.63	8	eP	21	03.00	-0.5
COL	75.37	15	eP	21	08.00	0.2
WB2	83.13	121	eP	21	49.10	-1.3
S.D. = 1.5 on 25 of 26 obs.						

? DEC 10, 1985 08h 39m 36.54± 1.56s
31.445 S ± 9.7km 68.559 W ±37.6km
DEPTH = 116.3 ± 14.9 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.14	34	iPd	39	52.50	-0.6
ZON	0.14	225	iPd	39	54.00	0.9
RTCB	0.21	259	iPc	39	52.70	-0.6
CFA	0.32	121	iPd	39	53.60	0.0
			S	40	02.50	
RTSV	0.41	177	iPd	39	54.30	0.4
			S	40	06.90	
VCA	2.71	7	ePd	40	19.90	0.1
			S	40	52.00	
RFA	3.32	179	ePd	40	27.60	-0.2
S.D. = 0.8 on 7 of 7 obs.						

* DEC 10, 1985 08h 52m 27.01± 0.70s
28.211 N ±13.3km 140.676 E ±10.7km
DEPTH = 33.0km (normal)
BONIN ISLANDS REGION (212)

CBI	1.74	130	eP	52	55.00	-0.3
			eS	53	18.00	
MAT	8.56	347	(P)	54	31.00	-0.7
	1.5s	55.56nm			5.5mb	X
			(S)	56	16.00	
NJ2	19.25	287	Pc	56	52.50	1.0
			S	00	32.50	
TIA	21.43	298	eP	57	13.10	-1.2
WHN	23.04	282	P	57	30.00	-0.3
BJI	23.38	307	eP	57	34.00	0.5
			eS	01	46.00	
TIY	25.44	299	P	57	54.50	1.0
XAN	27.73	290	eP	58	13.80	-0.7
GTA	35.47	299	eP	59	22.40	-0.2
YKA	71.80	28	eP	03	48.80	0.9
S.D. = 0.9 on 10 of 10 obs.						

DEC 10, 1985 10h 39m 30.60± 0.66s
4.752 S ± 7.8km 152.315 E ± 7.0km
DEPTH = 45.0 ± 8.9 km
4.7mb (2 obs.)
NEW BRITAIN REGION (192)

RAB	0.58	345	iPc	39	42.70	0.1
BIAL	1.37	246	iPd	39	54.00	0.3
KVG	2.64	325	eP	40	12.00	0.3
BGA	3.17	116	iPd	40	18.50	-0.9
			eS	40	56.00	
PAA	3.52	116	eP	40	25.00	0.8
			eS	41	07.00	
LMG	5.84	225	eP	40	56.00	-1.1
PMG	6.90	228	eP	41	15.00	3.2X
CTA	16.35	201	eP	43	34.00	15.4X
DZM	21.99	143	iPc	44	23.00	0.2
WB2	23.11	228	eP	44	35.10	1.5
ASPA	25.86	222	eP	45	05.00	5.0X
PKI	71.99	301	eP	50	51.90	-0.6
KKN	72.16	301	eP	50	53.00	-0.3
	0.6s	5.00nm			4.6mb	
DMN	72.26	301	eP	50	53.80	-0.2
	0.6s	6.00nm			4.7mb	
S.D. = 0.9 on 11 of 14 obs.						

DEC 10, 1985 11h 20m 53.23± 0.15s
44.155 N ± 3.5km 146.881 E ± 2.9km
DEPTH = 117.0km (7 depth phases)
5.3mb (72 obs.)
KURIL ISLANDS (221)
Felt (I JMA) at Nemuro, Kushiro and Urokawa.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 8S, 16C
Centroid Location:
Origin Time 11:20:56.3 1.2
Lat 43.76N 0.11 Lon 146.90E 0.22
Dep 120.0 7.9 Half-duration 1.5
Moment Tensor; Scale 10**23 D-CM
Mrr=-2.31 0.77 Mtt= 5.03 1.16
Mff=-2.72 1.14 Mrt= 5.19 0.72
Mrf= 2.12 0.65 Mtf=-2.36 1.15
Principal Axes:
T Val= 7.84 Plg=26 Azm= 7
N -0.78 33 259
P -7.06 46 127
Best Double Couple:Mo=7.4*10**23
NP1:Strike=145 Dip=36 Slip= -20
NP2: 251 79 -124

NEM	1.25	229	iPc	21	18.60	0.7
			iS	21	36.00	
A81	1.88	267	Pd	21	27.50	2.1
			S	21	52.20	
KUS	2.16	238	Pc	21	29.80	0.8
			S	21	55.60	
OBI	2.93	246	eP	21	[illegible]	
			S	22	[illegible]	
ASA	3.28	265	eP	21	47.00	[illegible]
			S	22	25.90	
URA	3.60	238	eP	21	50.00	1.8
			eS	22	30.00	
HAC	5.38	229	eP	22	12.00	-0.3
			S	23	06.10	
FKS	8.02	219	eP	22	46.00	-2.4
			S	24	09.70	
TSK	9.47	215	iPc	23	04.00	-4.0X
			S	24	44.60	
DDR	10.05	218	eP	23	12.40	-3.4X
			S	24	58.30	
MAT	10.08	224	iPc	23	13.50	-2.6
	0.7s	75.34nm			5.6mb	
			eS	25	04.00	
KYS	10.34	212	eP	23	18.20	-1.3
SRY	10.34	217	eP	23	16.60	-3.0X
OYM	10.51	217	eP	23	19.40	-2.5
MDJ	12.38	278	eP	23	46.00	-0.4
SHK	14.58	234	eP	24	14.20	-0.7
CN2	15.43	276	Pd	24	24.40	-1.2
SNY	17.20	270	eP	24	47.50	0.1
BJI	23.08	270	eP	25	49.00	0.0
			eS	29	52.00	
			e	30	35.00	
HHC	26.12	275	eP	26	17.60	-0.3
TIY	26.67	268	eP	26	23.90	1.0
			S	31	03.00	
BTO	27.31	275	eP	26	28.00	-0.7
XAN	30.90	264	eP	26	59.80	-0.8
LZH	33.57	271	eP	27	13.50	-10.5X
GTA	35.04	279	iPc	27	36.60	0.1
			ScP	33	38.70	
			S	33	58.80	
			ScS	37	42.10	
CD2	36.26	263	eP	27	47.20	0.5
			S	33	16.40	
MAN	36.70	225	eP	27	51.00	0.6
GYA	36.84	255	P	27	57.00	5.3X
TTA	37.24	39	iPc	27	54.90	0.3
BRW	38.22	26	eP	28	00.70	-1.9
IMA	38.46	34	ePc	28	04.70	-0.1
KDC	39.17	48	eP	28	10.10	-0.6
PMR	40.48	41	eP	28	21.10	-0.3
PME	40.53	41	eP	28	21.70	0.0
COL	40.88	36	iPc	28	25.20	0.5
	1.1s	256.33nm			5.9mb	
FBA	40.88	36	iPc	28	25.20	0.5
	1.2s	343.80nm			6.0mb	
WMQ	41.77	291	Pc	28	33.10	0.8
YAH	44.22	42	eP	28	52.70	0.5
INK	46.15	30	iPc	29	06.20	-0.8
LOE	46.29	249	eP	29	08.00	-0.7
CHG	47.21	253	eP	29	16.20	0.2
	1.0s	20.00nm			4.8mb	
CHTO	47.21	253	eP	29	16.20	0.2
	1.0s	19.25nm			4.8mb	
			pP	29	43.00	115km
MBC	48.49	19	eP	29	23.00	-2.2
PCI	50.94	216	eP	29	43.00	-1.5
NNT	51.08	247	eP	29	47.80	2.2
KKN	51.30	273	eP	29	48.40	0.9
	0.4s	11.00nm			5.1mb	
PKI	51.33	273	eP	29	47.70	-0.2
	0.5s	7.00nm			4.8mb	
DMN	51.53	273	eP	29	49.60	0.3
	0.5s	12.00nm			5.1mb	
ALE	52.72	5	eP	29	54.50	-2.7X
	0.8s	23.00nm			[illegible] 2mb	
YKA	55.57	34	eP	30	17.60	-0.6
YKC	55.64	34	ePc	30	17.50	-1.1
	0.4s	12.00nm			5.2mb	
NDI	56.55	279	eP	30	25.00	-0.6
KEV	58.27	339	iP	30	35.00	-2.1
	0.5s	21.10nm			5.4mb	
DAG	59.01	356	iPc	30	39.00	-3.2X
	0.6s	26.00nm			5.5mb	
SOD	60.02	337	iP	30	46.20	-3.0X
PNT	60.26	49	ePc	30	50.00	-1.1
	0.8s	14.00nm			5.1mb	
TRO	60.31	341	eP	30	48.90	-2.3
EDM	61.24	43	ePc	30	56.70	-1.1
KJF	61.92	334	iP	31	00.50	-1.6

	0.6s	20.90nm		5.3mb		WIT	77.53	337	eP	32	38.00	1.0			0.9s	35.00nm		5.3mb
NEW	62.21	49	eP	31	04.00	-0.3		EKA	77.68	343	Pd	32	38.00	0.1		MNT	83.77	27	iPc	33	09.30	-0.8
HYB	62.59	268	eP	31	06.50	-0.7			1.4s	98.50nm		5.4mb				BHO	83.78	47	eP	33	10.60	0.2
			e	31	34.50	114km		ESK	77.71	343	eP	32	38.00	0.0		VAH	83.86	118	iP	33	11.60	0.7
SUF	63.47	334	iP	31	09.80	-2.5		MOX	77.89	333	eP	32	39.00	-0.1			0.9s	25.00nm		5.1mb		
	0.4s	25.50nm		5.5mb					1.2s	69.00nm		5.3mb				SMF	83.86	335	iPc	33	10.80	0.2
WDC	63.62	58	eP	31	13.80	0.1		ZST	78.01	328	i(P)	32	40.40	0.6			0.9s	55.60nm		5.5mb		
CTA	63.93	181	iPc	31	14.70	-1.0		YOU	78.07	179	eP	32	41.40	1.3		AVF	83.88	336	iPc	33	11.00	0.3
	1.2s	25.78nm		5.0mb				HOF	78.09	332	iPd	32	40.40	0.2			0.9s	39.30nm		5.3mb		
CTAO	63.93	181	eP	31	14.30	-1.4			0.8s	58.00nm		5.4mb				LPF	83.96	339	eP	33	11.80	0.7
	1.2s	24.32nm		5.0mb				WTS	78.21	336	eP	32	40.00	-0.8			0.7s	8.80nm		4.8mb		
GAS	64.07	59	P	31	17.70	1.0			1.0s	145.00nm		5.7mb				LPG	83.98	333	iPc	33	12.30	0.7
SES	64.09	44	ePc	31	15.30	-1.3					e	32	49.00	29kmX			1.0s	44.00nm		5.3mb		
MIN	64.34	58	ePd	31	17.80	-0.7					e	32	55.00			RUV	83.98	118	iP	33	12.70	1.2
WB2	64.81	193	iPd	31	19.90	-1.5		CLO	78.23	323	eP	32	49.00	7.9X			0.9s	30.00nm		5.2mb		
ORV	64.88	59	ePd	31	21.00	-0.8		KHC	78.51	331	iPc	32	43.40	0.8		JCT	84.01	53	eP	33	12.00	0.3
BRK	65.43	60	eP	31	25.00	-0.3			1.0s	92.50nm		5.5mb					1.0s	15.50nm		4.9mb		
FFC	65.49	36	iPc	31	24.60	-0.9					e	33	14.80	124km					e	33	43.00	120km
	0.9s	31.00nm		5.2mb				JMB	78.56	319	eP	32	44.00	1.1		BGF	84.24	336	iPc	33	12.80	0.3
NUR	65.59	333	iP	31	24.00	-1.9		SOP	78.64	328	iPc	32	44.10	0.9			1.0s	16.80nm		4.9mb		
	0.4s	70.10nm		5.9mb				GRF	78.84	332	eP	32	44.80	0.5		MZF	84.63	336	iPc	33	15.20	0.7
GBA	65.92	266	P	31	27.60	-1.1			0.9s	143.00nm		5.8mb					1.0s	64.00nm		5.5mb		
			e	31	56.00	115km		Z	18s	0.10um		4.2Msz				TCF	84.67	336	eP	33	15.30	0.6
WCN	66.09	58	P	31	29.00	-0.8		BNS	79.01	335	iPd	32	45.60	0.4			0.9s	14.70nm		4.9mb		
LRM	66.23	49	eP	31	30.40	-0.3			1.0s	105.00nm		5.6mb				LSF	84.90	337	eP	33	16.40	0.6
JAS1	66.54	59	ePd	31	32.50	0.0		CAN	79.12	178	eP	32	47.10	1.2			0.9s	52.40nm		5.4mb		
BMN	66.92	56	iP	31	35.50	0.5		TNS	79.27	334	eP	32	48.50	1.8		MFF	85.04	338	eP	33	17.30	0.8
PRS	66.94	61	eP	31	34.70	-0.3		KCT	79.42	317	iP	32	47.10	-0.5			0.7s	24.20nm		5.2mb		
LLA	67.03	61	eP	31	35.50	-0.1		ENN	79.56	336	eP	32	48.00	-0.1		FRF	85.73	332	eP	33	19.80	-0.2
PRI	67.50	61	ePd	31	39.70	1.0			1.0s	115.00nm		5.6mb				RJF	85.77	336	eP	33	20.70	0.5
FRI	67.57	60	eP	31	38.30	-0.6					e	32	51.00	10kmX			0.9s	22.90nm		5.1mb		
MNA	67.62	58	P	31	39.70	0.3		MEM	79.68	336	Pc	32	49.00	0.3		CVF	85.84	330	eP	33	20.20	-0.4
TMI	68.14	50	P	31	43.50	0.8		KDZ	79.78	320	iPc	32	52.00	2.5			0.6s	3.60nm		4.5mb		
EUR	68.27	56	iP	31	43.70	0.2		UCC	79.98	337	Pc	32	52.00	1.6		LRG	85.92	332	eP	33	21.30	0.4
	0.2s	13.40nm		5.5mb				WAM	79.99	178	eP	32	52.00	1.6			0.8s	21.40nm		5.2mb		
DZM	68.30	160	iPd	31	44.10	0.6		VTS	80.01	321	iPc	32	51.00	0.3		CDR	85.92	333	ePd	33	21.60	0.7
UPP	68.32	335	iP	31	42.10	-1.0		FUR	80.13	332	eP	32	51.90	0.6		CAF	85.95	336	iPc	33	22.10	1.0
NOU	68.53	161	iPc	31	46.30	1.5			1.0s	79.00nm		5.5mb					0.9s	40.90nm		5.4mb		
ASPA	68.53	193	iPd	31	44.20	-0.7		SNF	80.26	337	P	32	51.50	-0.4		LMR	85.98	332	eP	33	21.20	0.0
NB2	69.16	339	P	31	46.50	-1.9		KBA	80.34	330	ePc	32	51.50	-1.1			0.9s	27.50nm		5.2mb		
ISA	69.18	60	eP	31	48.00	-1.0			1.0s	83.10nm		5.5mb				LFF	86.33	337	eP	33	24.00	1.1
HFS	69.24	337	eP	31	47.40	-1.4					id	32	52.70	4kmX			0.9s	29.40nm		5.3mb		
	0.4s	91.30nm		6.0mb							i	32	54.80			LPO	86.43	336	eP	33	24.40	1.0
NRA0	69.33	338	iP	31	48.00	-1.3		WLF	80.47	335	Pc	32	53.40	0.4			0.9s	24.20nm		5.2mb		
CLC	69.63	60	eP	31	52.00	0.3		DOU	80.54	336	Pc	32	53.70	0.3		MLS	88.03	336	iP	33	31.70	0.5
DUG	69.66	53	P	31	52.30	0.4					e	33	06.70	44kmX		EPF	88.19	336	eP	33	33.30	1.3
BDW	69.79	50	eP	31	52.40	-0.4		MMB	80.58	320	iPd	32	55.00	1.2			0.9s	9.80nm		4.8mb		
	1.1s	8.71nm		4.5mb				VOY	81.02	329	e(P)	32	49.50	-6.6X		ITR	144.44	9	iPKPd	40	15.10	-2.3X
IR2	70.01	300	(P)	31	54.00	-0.1		CDF	81.23	334	iPc	32	57.00	-0.2					e	40	18.60	
SBB	70.21	61	eP	31	55.00	-0.3			0.9s	18.00nm		4.9mb				SOB1	144.54	13	ePKP	40	15.90	-1.7
GSC	70.45	60	eP	31	56.00	-0.8		OGA	81.34	331	iPc	32	57.90	0.0					e	40	24.50	
MSU	71.14	54	P	32	01.30	0.3		TRI	81.34	329	eP	32	56.20	-1.4					e	40	47.40	
TPC	71.70	60	eP	32	04.00	-0.2		SLE	81.41	333	ePd	32	57.70	-0.3		BDF	148.95	28	ePKPd	40	28.80	4.0X
RSON	71.77	36	eP	32	03.40	-0.8		OCO	81.52	48	e(P)	33	08.20	9.4X			S.D. = 1.0		on 194 of 208 obs.			
	0.4s	5.94nm		4.7mb				SAX	81.58	332	ePd	32	59.40	0.2								
BAR	72.25	62	eP	32	07.00	-0.4		ZUL	81.69	333	ePd	32	59.60	0.1		?	DEC 10, 1985 15h 46m 41.47± 1.68s					
WBN	72.38	199	eP	32	08.00	-0.1		OSS	81.80	332	ePd	33	00.60	0.4			28.019 N ±14.6km			53.662 E ±21.4km		
GLA	73.16	60	eP	32	13.00	0.2		HAU	81.88	334	iPc	33	00.40	-0.1			DEPTH = 33.0km (normal)					
COP	73.34	335	iPc	32	12.70	-0.6			0.9s	17.60nm		4.9mb					3.9mb (3 obs.)					
	0.8s	146.27nm		5.8mb				BSF	81.90	334	iPc	33	00.50	-0.2		SOUTHERN IRAN						(353)
GOL	74.20	50	eP	32	19.40	0.5			0.9s	13.10nm		4.7mb					Felt at Bandar-e Abbas.					
	1.0s	2.00nm		3.9mb X				LLS	82.03	332	ePd	33	01.80	0.3								
GLD	74.24	50	eP	32	20.50	1.4		TUL	82.12	47	eP	33	03.80	1.9		SHI	1.90	329	eP	47	14.00	1.7
KRA	75.41	328	eP	32	24.80	-0.5			0.8s	7.10nm		4.5mb				IR2	7.97	344	eP	48	37.00	-1.1
	0.6s	116.00nm		5.9mb							e	33	31.70	107km		KER	8.45	320	e(P)	48	32.00	-12.6X
			i	32	26.30	5kmX		VDL	82.20	332	ePd	33	02.80	0.4		BHD	9.55	306	ePc	49	53.00	53.3X
LHC	75.49	35	eP	32	24.50	-1.3		RLO	82.32	46	e(P)	33	04.80	1.8					e	52	24.00	
VRI	75.88	321	eP	32	29.00	0.9		LTX	82.59	56	iP	33	05.80	1.3		SLY	10.26	319	eP	49	21.00	11.6X
SPC	75.99	327	eP	32	30.00	1.1			1.0s	18.40nm		4.9mb							i	50	56.50	
KSP	76.12	330	ePc	32	29.50	0.2		VVO	82.59	47	e(P)	33	04.70	0.4		MSL	12.19	316	eP	49	50.00	14.3X
	1.2s	150.00nm		5.7mb				TMA	82.74	332	ePd	33	05.10	0.0		JER	16.44	288	eP	50	32.00	0.6
CVO	76.16	322	eP	32	30.00	0.3		MMK	83.09	333	ePd	33	07.70	0.7		PRNI	16.47	283	eP	50	31.50	-0.1
MLR	76.52	322	ePd	32	32.00	0.2		LDF	83.21	339	eP	33	07.40	0.2		MLR	28.03	316	eP	52	34.00	2.3X
CLL	76.87	332	iPc	32	32.90	-0.5		DIX	83.25	333	ePd	33	08.70	0.8		TRI	36.03	310	iP	53	26.50	-15.0X
	1.3s	140.00nm		5.6mb				LOR	83.30	336	eP	33	07.80	0.0		KHC	37.19	316	eP	53	48.50	-2.7
EBH	76.90	344	ePc	32	33.20	-0.4			0.9s	29.40nm		5.2mb				NUR	37.94	337	iP	53	57.40	0.1
	1.1s	74.00nm		5.4mb				EMS	83.41	333	ePd	33	09.10	0.5		SUF	39.10	340	eP	54	08.00	1.0
BRG	76.91	332	iPc	32	33.30	-0.4		GRC	83.50	336	iPc	33	08.90	0.1		BNG	40.80	241	ePc	54	22.60	0.9
	1.3s	47.00nm		5.1mb				PMO	83.51	118	iP	33	10.30	1.1			0.8s	4.00nm		4.2mb		
ALQ	76.92	54	eP	32	34.50	0.2			0.9s	35.00nm		5.3mb				BCAO	40.81	241	eP	54	21.00	-0.7
	1.0s	2.50nm		4.0mb X				LBF	83.52	335	eP	33	08.80	-0.1			0.8s	1.10nm		3.6mb		
			epP	33	06.00	125km			0.9s	26.20nm		5.1mb				NB2	43.47	331	P	54	42.10	-0.9
EAB	77.12	344	eP	32	34.50	-0.3		GRR	83.59	339	eP	33	09.80	0.6			0.6s	1.20nm		3.8mb		
	1.1s	69.00nm		5.4mb					0.7s	30.80nm		5.3mb				MBC	75.90	358	eP	58	27.00	1.1
EBL	77.25	343	ePc	32	35.20	-0.3		SSF	83.59	336	eP	33	09.40	0.2			S.D. = 1.4		on 11 of 17 obs.			
	1.1s	53.00nm		5.2mb					0.9s	30.10nm		5.2mb										
EAU	77.27	343	eP	32	35.40	-0.2		TPT	83.68	118	iP	33	11.40	1.4		•	DEC 10, 1985 18h 35m 23.49± 0.79s					

10d 18h

0.669 S ±16.3km 79.849 W ±13.2km
DEPTH = 33.0km (normal)
ECUADOR (107)

PSO	3.13	54	iP	36	12.00	0.0
BOG	7.81	48	eP	37	24.00	5.9X
BDF	34.87	117	e(P)	42	14.50	0.2
SOB1	39.69	104	eP	42	54.90	0.2
ITR	42.02	102	eP	43	13.40	-0.5
YKA	68.21	343	eP	46	23.90	1.3
INK	77.91	342	eP	47	18.00	-1.4
KKN	149.50	27	ePKP	55	07.50	0.2
	0.7s		7.00nm			
DMN	149.57	27	ePKP	55	07.80	0.3
PKI	149.74	27	ePKP	55	07.50	-0.3

S.D. = 0.8 on 9 of 10 obs.

? DEC 10, 1985 18h 40m 38.85± 8.45s
33.411 S ±11.5km 67.187 W ±115.km
DEPTH = 33.0km (normal)
MENDOZA PROVINCE, ARGENTINA (139)

RFA	1.72	218	iPd	41	07.00	0.0
			S	41	28.60	
CFA	2.01	333	ePd	41	11.50	0.4
			S	41	36.00	
ZON	2.25	325	eP	41	14.00	-0.5
			eS	41	38.00	
RTLL	2.34	332	ePd	41	15.50	-0.4
			S	41	44.30	
RTCB	2.35	324	ePd	41	16.60	0.5
VCA	4.74	349	ePc	42	03.50	13.6X
			S	43	06.50	

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

• DEC 10, 1985 19h 16m 17.38± 2.02s
42.304 N ±10.4km 19.972 E ±13.4km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.7 (TTG).

PVY	0.29	0	iPgd	16	23.50	0.0
			eSg	16	29.50	
TTG	0.54	284	iPg	16	28.00	-0.3
			iSg	16	36.50	
IVA	0.57	355	ePg	16	29.00	0.0
			eSg	16	38.50	
ULC	0.64	238	ePg	16	30.00	-0.2
			eSg	16	40.00	
BDV	0.85	269	ePg	16	34.20	0.4
			eSg	16	49.00	
NKY	0.88	306	ePg	16	34.50	0.1
			eSg	16	49.20	
BRY	1.21	300	ePg	16	40.00	0.0
			eSg	16	59.00	
GZR	3.70	32	eP	17	28.00	12.2X
VOY	5.74	313	e(Pn)	17	47.50	2.7X
			eSn	18	56.00	

S.D. = 0.3 on 7 of 9 obs.

? DEC 10, 1985 20h 58m 09.23± 4.76s
31.624 S ±13.9km 71.830 W ±41.6km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

RTCB	2.59	88	iPc	58	52.20	0.2
			S	59	20.40	
ZON	2.69	89	eP	58	54.00	0.6
RTLL	2.89	85	ePc	58	52.20	-3.9X
CFA	3.06	91	ePd	58	57.80	-0.8
			S	59	36.10	
RFA	4.22	139	ePc	59	15.10	0.0
VCA	4.26	48	ePd	59	15.70	0.0

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

& DEC 10, 1985 23h 25m 08.70s
37.418 N 121.838 W
DEPTH = 1.0km (geophysicist)
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.3 (BRK). Felt in the Berryessa District of San Jose.

MHC	0.17	114	iPd	25	11.80	-0.3
			iS	25	15.00	
ARN	0.25	104	eP	25	13.20	-0.5
GCC	0.40	199	iPd	25	16.80	0.1
PCC	0.44	282	iPd	25	17.40	-0.1
BRK	0.57	324	ePd	25	19.80	-0.3
ZSP	0.63	328	ePc	25	21.30	0.0
SAO	0.72	154	iPd	25	22.80	-0.2
LLA	1.07	138	ePc	25	28.20	-1.5
PRS	1.14	161	e(P)	25	30.20	-0.7
JAS1	1.24	65	eP	25	31.30	-1.3
			iS	25	48.60	
FRI	1.75	103	e(P)c	25	39.20	-1.2

11 obs. associated

DEC 10, 1985 23h 28m 51.76± 0.57s
46.975 N ± 6.2km 18.059 E ± 4.9km
DEPTH = 10.0km (geophysicist)
HUNGARY (549)
ML 3.5 (VKA), 3.2 (KBA). Felt in Veszprem County.

BUD	0.83	52	iPgd	29	06.70	-1.1
	0.5s		187.60nm			
SRO	0.86	12	iPg	29	08.10	-0.1
			i	29	16.60	
			i(Sg)	29	18.60	
SOP	1.24	305	e(P)d	29	14.00	-0.8
ZST	1.38	332	iPn	29	17.10	0.1
			i(Pg)	29	20.20	
			i(Sn)	29	37.70	
VKA	1.75	318	iPnd	29	22.60	0.3
			iPg	29	25.80	
			iSn	29	45.30	
			iSg	29	51.40	
LJU	2.61	250	e(Pn)	29	33.30	-1.4
	1.0s		100.00nm			
			e	29	39.50	
SPC	2.66	33	eP	29	41.80	6.3X
CEY	2.80	245	e(Pg)	29	45.70	8.2X
			eSg	30	28.40	
VOY	3.03	253	ePn	29	40.90	0.2
			iPg	29	50.10	
			iSg	30	34.90	
KBA	3.23	274	ePn	29	44.00	0.4
			i	29	47.30	
GZR	3.64	114	eP	29	50.00	0.6
KHC	3.70	307	iPn	29	50.70	0.5
			e	30	04.10	
			e	30	30.90	
			Sg	30	44.50	
CLO	3.81	118	eP	29	52.00	0.2
PRU	3.82	323	ePn	29	51.00	-0.8
			Pg	30	03.20	
			Sg	30	47.20	
KSP	4.04	344	eP	29	55.00	0.0
			e	30	43.50	
BRG	4.75	327	e(P)	30	07.00	1.9
			e	31	21.00	

S.D. = 0.9 on 14 of 16 obs.

& DEC 11, 1985 00h 26m 14.20s
31.810 N 115.820 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.4 (PAS).

ENX	0.72	276	iPd	26	28.50	-0.1
			S	26	39.10	
PBX	0.76	265	iPd	26	29.65	0.2
			S	26	40.94	
IKP	0.87	344	iPd	26	30.30	-1.1
			IS	26	41.50	
BAR	1.13	320	iPc	26	34.70	-1.0
			iS	26	48.80	
GLA	1.50	34	iPd	26	39.60	-2.1
SDW	2.98	340	eP	27	08.00	5.0

6 obs. associated

DEC 11, 1985 01h 46m 50.51± 1.30s
42.307 N ± 8.6km 19.997 E ± 8.5km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 2.7 (TTG).

PVY	0.29	357	iPgd	46	56.00	-0.6
			iSg	47	01.50	
TTG	0.56	283	ePg	47	01.00	-0.8
			eSg	47	10.50	
ULC	0.65	239	ePg	47	03.50	-0.1
			eSg	47	13.00	
BDV	0.87	269	ePg	47	07.20	0.0
			eSg	47	21.50	
NKY	0.89	305	ePg	47	07.50	-0.2
			eSg	47	23.30	
PLE	1.11	337	ePg	47	[illegible]	[illegible]
			eSg	47	28.50	
HCY	1.12	278	ePg	47	11.50	0.0
			eSg	47	29.00	
BRY	1.23	299	ePg	47	13.50	0.1
			eSg	47	32.50	
CLO	3.43	35	eP	47	45.00	-0.1
VOY	5.76	312	ePn	48	19.40	1.3
			eSn	49	26.50	

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

• DEC 11, 1985 02h 39m 31.57± 0.75s
28.181 N ±11.2km 140.432 E ±12.0km
DEPTH = 33.0km (normal)
BONIN ISLANDS REGION (212)

CBI	1.89	125	eP	40	02.00	-0.1
			eS	40	21.00	
MAT	8.55	348	(P)	41	36.00	0.0
	0.7s		8.22nm			5.0mb X
			eS	43	20.00	
SSE	16.98	285	eP	43	28.00	-0.2
			eS	46	48.00	
BJI	23.23	307	eP	44	41.00	4.4X
			eS	48	54.00	
			eSS	49	41.00	
WB2	48.20	188	eP	48	11.10	0.1
COL	57.13	29	eP	49	16.00	-1.0
YKA	71.93	28	eP	50	54.40	1.2

S.D. = 0.9 on 6 of 7 obs.

? DEC 11, 1985 03h 09m 40.99± 1.19s
18.671 S ±24.2km 175.076 W ±20.3km
DEPTH = 200.0km (geophysicist)
4.5mb (2 obs.)
TONGA ISLANDS (173)

DZM	17.65	256	iPd	13	38.00	2.2
NOU	17.68	255	iPc	13	43.80	7.8X
KRP	20.86	201	P	14	09.00	0.6
CTA	36.45	261	iPd	16	28.20	-0.3
	0.7s		8.22nm			4.5mb
CTAO	36.45	261	iP	16	28.00	-0.5
WB2	47.60	260	eP	17	57.50	-1.3
ASPA	47.64	255	eP	17	58.00	-1.1
COL	85.89	11	eP	22	00.00	1.1
	0.8s		8.21nm			4.6mb
			epP	22	50.30	205kmX
YKA	93.72	24	eP	23	00.60	25.1X
SOB1	126.99	118	ePKP	28	22.90	-0.7

S.D. = 1.4 on 8 of 10 obs.

DEC 11, 1985 03h 18m 24.33± 1.17s
42.333 N ± 8.4km 19.883 E ± 7.6km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 2.8 (TTG).

PVY	0.27	14	iPgd	18	29.10	-1.0
			eSg	18	34.60	
TTG	0.47	282	ePg	18	33.80	-0.1
			eSg	18	43.00	
ULC	0.60	232	ePg	18	36.00	-0.4
			eSg	18	47.00	
BDV	0.78	267	ePg	18	40.00	0.4
			eSg	18	54.50	
NKY	0.81	307	ePg	18	40.00	-0.1
			eSg	18	55.00	
HCY	1.03	277	ePg	18	44.10	0.3
			eSg	19	00.50	
PLE	1.06	340	ePg	18	45.00	0.6
			eSg	19	03.00	
BRY	1.14	300	ePg	18	45.50	-0.3
			eSg	19	05.00	
CLO	3.46	37	eP	19	20.00	0.7
GZR	3.71	33	eP	19	34.00	11.1X

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

? DEC 11, 1985 03h 28m 13.84± 2.45s
22.433 S ±11.1km 70.978 W ±33.0km
DEPTH = 108.2 ± 22.1 km
NEAR COAST OF NORTHERN CHILE (122)

ANT	1.37	158	iPc	28	39.30	0.0

0.3s 132.47nm
TPZ 4.98 80 eP 29 28.00 0.0
SLA 5.52 115 ePc 29 38.00 2.7X
CNCB 6.27 27 P 29 46.00 0.1
S 31 04.00
LPB 6.47 25 eP 29 47.00 -1.5
ZOBO 6.70 24 iP 29 53.10 1.3
VAO 22.15 96 eP 33 01.80 0.0
e 33 16.80
S.D. = 1.4 on 6 of 7 obs.

• DEC 11, 1985 06h 33m 29.04± 0.87s
52.367 N ±18.8km 165.359 W ±10.1km
DEPTH = 33.0km (normal)
4.4mb (6 obs.)
ALEUTIAN ISLANDS REGION (16)

ADK 6.99 271 eP 35 11.20 -0.5
IMA 14.94 19 eP 37 05.30 5.9X
INK 22.03 32 eP 38 20.00 -1.8
YKA 28.39 49 eP 39 31.60 9.7X
MBC 29.67 20 eP 39 34.00 0.8
NEW 30.62 78 eP 39 40.50 -1.5
0.8s 1.50nm 3.8mb
HPI 35.30 83 eP 40 24.00 0.9
EUR 35.99 91 eP 40 29.00 0.2
0.7s 5.51nm 4.6mb
DUG 37.49 88 eP 40 42.10 0.8
BDW 37.97 82 eP 40 45.00 -0.4
0.7s 3.48nm 4.3mb
DAU 38.31 86 eP 40 49.00 0.6
MSU 38.91 89 eP 40 54.40 1.0
RSON 42.83 62 eP 41 24.60 -0.6
0.7s 4.67nm 4.3mb
DAG 49.40 10 iPd 42 18.90 2.1
0.3s 2.60nm 4.7mb
LTX 50.29 92 eP 42 24.00 -0.3
0.8s 3.21nm 4.4mb
CVL 59.32 67 eP 43 28.40 -1.4
S.D. = 1.2 on 14 of 16 obs.

% DEC 11, 1985 06h 35m 35.63± 1.04s
42.296 N ± 8.7km 18.736 E ± 8.0km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 2.6 (TTG).

BDV 0.07 100 iPgd 35 38.60 0.6
eSg 35 40.00
HCY 0.23 311 iPg 35 40.80 0.2
eSg 35 45.40
TTG 0.41 71 iPg 35 44.00 0.0
eSg 35 52.00
ULC 0.51 131 iPg 35 45.50 -0.4
eSg 35 54.70
NKY 0.55 20 ePg 35 46.80 -0.1
eSg 35 55.70
BRY 0.62 347 ePg 35 48.00 -0.2
eSg 35 58.80
S.D. = 0.5 on 6 of 6 obs.

% DEC 11, 1985 07h 11m 24.04± 1.99s
42.322 N ±10.1km 19.940 E ±13.1km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 2.8 (TTG).

PVY 0.27 5 iPgd 11 29.80 -0.1
eSg 11 35.00
TTG 0.51 282 iPgc 11 33.90 -0.6
eSg 11 43.70
ULC 0.63 235 ePg 11 36.50 -0.1
eSg 11 46.00
BDV 0.83 268 ePg 11 40.20 0.2
eSg 11 54.20
NKY 0.85 306 ePg 11 40.50 0.0
eSg 11 54.60
HCY 1.08 277 iPgd 11 44.70 0.4
eSg 12 01.50
BRY 1.18 300 ePg 11 46.40 0.2
eSg 12 05.50
S.D. = 0.4 on 7 of 7 obs.

• DEC 11, 1985 07h 21m 19.49± 1.16s
32.625 S ± 6.9km 71.114 W ±12.8km
DEPTH = 73.9 ± 16.5 km
NEAR COAST OF CENTRAL CHILE (135)

ROCH 0.36 166 iPd 21 31.60 -0.3
BACH 0.89 144 iPd 21 36.70 -0.5
SAN 0.91 155 iPd 21 37.30 -0.1
iS 21 50.40
FCH 0.99 136 iPd 21 38.30 -0.3
i 21 44.50
lS 21 52.00
TACH 1.04 172 iP 21 39.30 0.4
PCH 1.11 153 iPc 21 39.60 -0.4
lS 21 55.00
LNV 1.35 191 eP 21 43.60 0.7
i 21 44.60
lS 22 03.30
CHCH 1.36 164 iPc 21 43.40 0.2
RTCB 2.27 61 iPd 21 56.00 0.4
(S) 22 23.00
ZON 2.33 63 eP 21 58.00 1.6
eS 22 25.00
RTLL 2.59 61 iPc 21 59.50 -0.5
CFA 2.64 68 ePc 22 00.80 0.1
S 22 33.50
RFA 3.07 135 eP 22 06.60 -0.2
VCA 4.61 34 ePd 22 28.50 0.1
S 23 27.00
SLA 9.28 33 e(P) 23 32.00 -1.0
WB2 122.33 209 ePKP 40 05.00 -3.0X
WRA 122.34 209 PKPd 40 05.80 -2.2X
0.5s 1.70nm
S.D. = 0.7 on 15 of 17 obs.

DEC 11, 1985 09h 11m 30.53± 0.40s
35.770 N ± 7.8km 45.472 E ± 6.4km
DEPTH = 33.0km (normal)
4.7mb (11 obs.)
IRAN-IRAQ BORDER REGION (346)
Felt at Boneh, Iran.

SLY 0.17 172 iPd 11 36.00 -0.8
iS 11 39.00
KER 1.95 136 ePd 12 03.50 1.4
KER 1.95 136 eP 12 42.00 39.9X
MSL 1.98 289 ePn 12 06.00 3.6X
i 12 07.50
iSn 12 38.00
iS• 12 42.00
eLg 12 43.50
iSg 12 46.00
TAB 2.39 16 eP 12 09.00 0.6
BHD 2.65 200 eP 12 28.50 16.7X
iS 12 54.00
i 13 15.00
IR2 4.42 90 eP 12 36.00 -1.1
RTB 5.07 239 eP 12 38.00 -8.3X
iS 13 48.00
MLR 17.68 309 eP 15 40.00 4.1X
KBA 26.43 305 iPd 17 06.00 -0.1
0.7s 20.30nm 4.8mb
i 17 09.40
KHC 26.83 310 eP 17 08.80 -0.9
FRF 30.66 297 eP 17 44.50 0.4
0.7s 9.70nm 4.7mb
LPG 30.69 300 eP 17 45.30 0.7
0.6s 5.70nm 4.5mb
CDF 30.71 306 eP 17 46.30 1.8
LRG 30.87 296 eP 17 45.70 -0.1
0.7s 9.70nm 4.7mb
BSF 30.93 305 eP 17 48.10 1.6
LBF 32.73 303 eP 18 02.30 0.1
SMF 32.80 302 eP 18 02.40 -0.3
0.5s 3.90nm 4.6mb
LOR 32.84 303 eP 18 03.30 0.2
0.7s 5.50nm 4.6mb
SSF 33.06 303 eP 18 05.10 0.1
0.7s 4.40nm 4.5mb
AVF 33.15 303 eP 18 06.30 0.6
0.7s 4.80nm 4.5mb
GRC 33.37 303 iPd 18 09.00 1.3
BGF 33.48 302 eP 18 08.80 0.2
MZF 33.64 301 eP 18 09.80 -0.3
TCF 33.90 302 eP 18 11.80 -0.6
CAF 33.98 299 eP 18 12.50 -0.5
RJF 34.37 300 eP 18 16.20 -0.1
0.5s 5.80nm 4.8mb
LFF 34.92 299 eP 18 20.60 -0.5
0.4s 8.40nm 5.0mb
MFF 35.54 302 eP 18 25.40 -0.9
LDF 35.61 305 eP 18 26.50 -0.4

FLN 35.86 306 eP 18 28.40 -0.6
GRR 36.09 305 eP 18 30.20 -0.7
0.7s 15.40nm 5.0mb
LPF 36.19 304 eP 18 30.70 -1.1
KIC 54.46 250 eP 20 57.40 0.2
S.D. = 0.8 on 29 of 34 obs.

? DEC 11, 1985 09h 40m 43.35± 0.76s
52.230 N ±32.5km 175.165 W ±11.0km
DEPTH = 33.0km (normal)
4.5mb (6 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)
ML 3.9 (PMR).

ADK 0.99 250 eP 41 01.00 0.1
EDM 36.43 63 eP 47 47.00 0.5
NEW 36.49 72 eP 47 54.00 7.0X
EUR 42.02 83 eP 48 34.00 0.8
0.9s 1.66nm 3.8mb
BDW 43.90 75 eP 48 47.00 -1.6
0.8s 3.21nm 4.2mb
RSON 48.12 57 eP 49 21.90 0.3
0.7s 5.83nm 4.7mb
LTX 56.32 84 eP 50 29.50 6.2X
0.7s 1.29nm 4.1mb
KKN 74.01 295 eP 52 17.40 -0.2
0.7s 14.00nm 5.1mb
PKI 74.11 294 eP 52 18.10 -0.3
0.8s 15.00nm 5.0mb
DMN 74.25 295 eP 52 19.40 0.3
S.D. = 0.9 on 8 of 10 obs.

• DEC 11, 1985 10h 29m 11.43± 0.99s
27.389 N ±11.0km 140.101 E ±19.1km
DEPTH = 502.4 ± 16.3 km
4.5mb (8 obs.)
BONIN ISLANDS REGION (212)

KYS 7.78 0 eP 31 07.40 0.7
OYM 8.04 355 eP 31 09.90 0.5
TSK 8.80 0 eP 31 16.20 -1.1
MAT 9.27 350 iPd 31 22.20 -0.1
0.9s 55.46nm 4.9mb
(S) 33 11.00
WB2 47.38 187 eP 37 01.10 0.1
WRA 47.38 187 Pc 37 01.00 0.0
0.4s 2.30nm 4.0mb
PKI 48.17 284 iP 37 07.50 0.0
0.6s 14.00nm 4.6mb
KKN 48.24 284 iP 37 08.00 0.1
0.8s 43.00nm 4.9mb
DMN 48.43 284 iP 37 09.50 0.1
0.7s 32.00nm 4.9mb
GBA 59.74 270 Pc 38 29.00 -0.3
0.4s 3.20nm 4.1mb
SUF 76.13 334 iP 40 08.20 0.3
0.5s 8.80nm 4.5mb
NB2 82.64 338 P 40 42.10 -0.1
0.7s 4.80nm 4.1mb
S.D. = 0.5 on 12 of 12 obs.

• DEC 11, 1985 10h 36m 56.31± 0.73s
32.828 N ±10.6km 137.946 E ± 8.9km
DEPTH = 310.8 ± 6.2 km
4.2mb (12 obs.)
SOUTH OF HONSHU, JAPAN (211)

OYM 2.80 22 eP 37 51.80 0.5
KYS 2.99 37 eP 37 52.40 -0.7
MAT 3.71 3 iPc 38 00.90 0.4
eS 38 50.00
TSK 3.82 27 eP 37 59.00 -2.6X
PKI 45.33 278 iPc 44 46.50 0.3
0.5s 21.00nm 4.7mb
KKN 45.36 278 iPc 44 46.80 0.4
0.5s 28.00nm 4.8mb
DMN 45.57 278 iPc 44 48.40 0.4
0.4s 13.00nm 4.6mb
WB2 52.59 184 eP 45 40.20 -0.6
WRA 52.59 184 Pd 45 40.70 -0.1
0.4s 0.70nm 3.4mb
PMR 53.70 35 P 45 47.00 -1.5
0.6s 3.69nm 4.0mb
COL 54.17 30 eP 45 51.00 -0.9
0.6s 6.00nm 4.2mb
FBA 54.17 30 P 45 52.00 0.1
0.8s 10.34nm 4.3mb

11d 10h

GBA	58.06	266	P	46	19.00	-0.8
			e	49	30.00	
			S	49	56.00	
MBC	61.34	15	eP	46	40.00	-1.3
LON	73.22	45	P	48	09.70	14.4X
NEW	75.14	42	P	48	06.20	0.0
	0.7s		2.25nm			4.0mb
BMN	79.40	49	P	48	30.40	0.7
DUG	82.28	47	P	48	45.40	0.7
	0.6s		4.11nm			4.4mb
BDW	82.65	43	P	48	46.70	0.0
	0.8s		2.55nm			4.1mb
DAU	83.10	46	P	48	49.90	0.8
MSU	83.69	48	P	48	52.80	0.8
RSON	85.05	30	P	48	57.50	-0.7
	0.4s		0.74nm			3.9mb
GLA	85.21	54	P	49	00.20	0.8
LTX	94.97	50	P	49	45.80	0.7
	0.6s		1.10nm			4.2mb
	S.D. = 0.8		on 22 of 24 obs.			

* DEC 11, 1985 11h 03m 41.87± 0.72s
51.280 N ±16.7km 175.209 W ± 7.0km
DEPTH = 33.0km (normal)
4.4mb (7 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)
ML 4.1 (PMR). Felt (II) on Adak.

ADK	1.10	304	iPc	04	02.10	1.1
			eS	04	18.00	
KDC	14.65	55	eP	07	13.00	4.7X
IMA	18.41	28	eP	07	57.60	1.6
COL	19.67	36	eP	08	06.00	-4.7X
FBA	19.67	36	eP	08	11.20	0.5
MBC	32.87	21	eP	10	13.00	-1.2
MAT	36.01	264	iPc	10	41.60	0.0
	0.7s		10.96nm			4.9mb
NEW	36.80	71	eP	10	47.00	-1.1
	0.8s		1.00nm			3.7mb
EDM	36.88	62	eP	10	48.00	-0.8
CN2	39.77	283	Pd	11	12.00	-1.0
SNY	42.01	282	eP	11	32.20	0.9
EUR	42.15	82	eP	11	35.00	2.2
	1.0s		3.65nm			4.1mb
BDW	44.17	74	eP	11	50.00	0.8
	0.9s		7.35nm			4.5mb
DAU	44.51	78	eP	12	04.60	12.4X
BPI	47.59	284	eP	12	16.00	-0.1
RSON	48.65	57	eP	12	23.00	-1.2
	0.8s		7.75nm			4.8mb
PHC	49.87	288	eP	12	34.00	0.1
TIY	51.32	285	iPd	12	45.40	0.5
XAN	55.88	283	eP	13	17.60	-0.9
LTX	56.43	84	eP	13	29.50	6.9X
	1.0s		2.00nm			4.1mb
WMQ	61.27	305	P	13	55.00	-1.0
GYA	62.57	279	eP	14	06.00	1.0
CVL	65.26	60	eP	14	22.40	0.2
NB2	67.91	357	P	14	36.90	-1.9
	1.0s		3.90nm			4.5mb
	S.D. = 1.2		on 20 of 24 obs.			

? DEC 11, 1985 11h 29m 31.74± 0.79s
52.186 N ±54.4km 175.135 W ±10.6km
DEPTH = 33.0km (normal)
4.3mb (2 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)
ML 3.8 (PMR).

ADK	1.00	253	eP	29	49.60	0.1
EDM	36.42	63	eP	36	35.50	0.7
NEW	36.47	72	eP	36	42.00	6.8X
EUR	41.99	83	eP	37	22.00	0.6
	0.8s		1.62nm			3.8mb
BDW	43.89	75	eP	37	35.50	-1.3
DAU	44.29	79	eP	37	54.80	14.6X
RSON	48.11	57	eP	38	10.00	0.1
KKN	74.06	295	eP	41	06.20	-0.1
PKI	74.16	294	eP	41	06.50	-0.5
	0.7s		6.00nm			4.7mb
DMN	74.30	295	eP	41	08.20	0.5
	S.D. = 0.8		on 8 of 10 obs.			

* DEC 11, 1985 11h 37m 32.70± 1.79s
17.533 N ±20.3km 100.632 W ±10.0km
DEPTH = 33.0km (normal)
GUERRERO, MEXICO (59)

III	1.39	53	iP	37	55.00	-1.2
			iS	38	14.50	
PIM	1.40	302	iP	37	56.00	-0.1
			iS	38	16.00	
OXM	1.97	27	iP	38	05.50	0.8
			iS	38	25.50	
TPM	2.08	46	eP	38	06.20	0.1
			iS	38	37.00	
VHO	3.73	94	eP	38	30.00	0.4
	S.D. = 1.0		on 5 of 5 obs.			

? DEC 11, 1985 12h 11m 19.41± 1.64s
51.324 N ±47.7km 175.075 W ±13.5km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)
ML 3.7 (PMR).

ADK	1.15	300	eP	11	39.20	0.0
EDM	36.79	62	eP	18	25.50	0.0
KKN	74.46	295	eP	22	56.40	0.1
PKI	74.55	295	eP	22	56.80	-0.2
	0.7s		4.00nm			4.5mb
DMN	74.69	295	eP	22	57.80	0.1
	S.D. = 0.2		on 5 of 5 obs.			

DEC 11, 1985 12h 15m 26.43± 0.59s
7.022 S ± 3.5km 150.015 E ± 3.8km
DEPTH = 13.1 ± 3.6 km
5.4mb (19 obs.)
NEW BRITAIN REGION (192)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 17C
Centroid Location:
Origin Time 12:15:26.2 2.3
Lat 7.80S 0.16 Lon 150.40E 0.18
Dep 10.0 FIX Half-duration 1.4
Moment Tensor; Scale 10**23 D-CM
Mrr=-3.32 0.46 Mtt= 4.05 0.53
Mff=-0.72 0.60 Mrt=-0.63 1.95
Mrf=-1.54 1.52 Mtf= 0.61 0.52
Principal Axes:

T	Val= 4.22	Plg= 7	Azm=171
N	-0.17	24	78
P	-4.05	65	275

Best Double Couple:Mo=4.1*10**23
NP1:Strike=286 Dip=44 Slip= -53
NP2: 60 56 -120

BIAL	1.99	31	eP	15	59.00	-1.1
ALOA	3.28	174	iPc	16	18.00	-0.4
PMG	3.69	230	iPc+	16	28.10	3.7X
KVG	4.49	10	eP	16	37.00	1.4
MDG	4.56	292	eP	16	16.20	-20.5X
MDG	4.56	292	eP	16	37.00	0.3
BGA	5.20	81	iPd	16	44.60	-1.3
			eS	17	45.00	
MOM	5.59	332	eP	16	55.00	3.7X
WEW	7.23	298	eP	17	39.00	24.6X
TZZ	8.92	281	eP	17	40.00	2.1
VSG	9.85	104	eP	17	52.00	1.2
SVO	9.93	103	eP	17	52.00	0.1
CTA	13.49	195	iPd+	18	42.10	2.0
	1.0s		58.00nm			5.5mb
			iS	21	17.00	
			iScP	27	40.70	
ISQ	16.97	216	eP	19	26.00	0.8
SLKI	18.58	266	eP	19	54.90	9.7X
RMO	19.40	183	iPc	19	54.80	-0.4
	1.0s		507.00nm			5.7mb
WB2	19.90	228	iPd	20	00.50	-0.2
			e	20	11.20	
			i	20	21.10	
			i	21	10.20	
			eS	23	39.20	
WRA	19.91	228	Pc	19	59.90	-0.9
	0.9s		239.70nm			5.5mb
BRS	20.43	173	iPc	20	05.10	-1.1
			eS	23	57.00	
PVC	20.78	123	iPc	20	19.50	9.6X
GUA	21.04	346	e(P)	20	25.70	13.1X
DZM	21.80	135	iPc	20	19.40	-0.9
			iS	24	46.90	
NOU	21.96	136	iPc	20	20.50	-1.3
AAI	21.97	278	eP	20	03.50	-18.5X
KNA	22.54	246	eP	20	26.80	1.2
	0.7s		61.00nm			5.2mb
ASPA	22.66	221	eP	20	29.00	0.2
			eS	24	35.00	
COO	23.50	176	eP	20	37.30	-0.9
	0.6s		54.00nm			5.3mb
CMS	24.65	189	eP	20	46.00	-2.1
STK	25.95	197	iPc	20	59.70	-0.6
YOU	27.17	183	eP	21	10.80	-0.7
CAN	28.18	182	eP	21	19.80	-0.9
WAM	29.05	182	eP	21	27.80	-0.7
WBN	29.33	227	eP	21	32.50	1.4
ADE	29.69	199	iPd	21	34.00	-0.4
	0.7s		46.58nm			5.4mb
MBL	32.39	241	eP	21	58.00	-0.2
	0.7s		14.00nm			5.0mb
KLG	35.69	225	eP	22	27.00	0.4
MEK	35.70	233	eP	22	27.00	0.2
	0.5s		29.00nm			5.4mb
NAU	36.64	241	iPc	22	35.20	0.6
	0.5s		18.00nm			5.1mb
BAG	37.29	309	eP	22	38.00	-2.4
KRP	38.49	147	P	22	50.30	0.3
KLB	38.77	227	eP	22	52.50	0.0
MRWA	38.91	231	eP	22	53.00	-0.7
	0.5s		8.00nm			4.7mb
GNZ	40.38	145	P	23	05.00	-0.7
MSZ	40.62	160	P	23	09.00	1.4
RKG	40.65	224	eP	23	12.00	4.0X
MAT	44.73	346	iPd	23	38.20	-3.0X
	0.9s		43.70nm			5.4mb
			eS	30	16.00	
QIZ	47.30	304	eP	24	01.20	-0.6
KGM	47.46	279	ePc	24	04.20	1.0
IPM	50.23	282	ePd	24	24.00	-0.7
	0.9s		67.40nm			5.6mb
			e	25	43.90	
SNG	51.25	285	eP	24	33.00	0.7
GYA	53.61	310	eP	24	50.00	0.0
NNT	53.63	291	eP	24	49.10	-1.0
CHG	56.50	298	iPc	25	10.00	-1.0
	1.0s		18.00nm			5.1mb
CD2	58.14	313	eP	25	21.00	-1.4
GTA	65.45	319	P	26	09.80	-1.7
PKI	71.22	302	iPc	26	47.10	-0.9
KKN	71.40	302	iPc	26	48.20	-0.7
DMN	71.49	302	iPc	26	49.00	-0.5
KOD	74.24	283	eP	27	06.00	0.1
SDN	74.41	27	eP	27	04.90	-0.8
HY8	74.62	290	ePd	27	06.90	-0.8
	1.2s		92.90nm			5.7mb
			e	27	30.00	
GBA	74.80	286	Pd	27	09.10	-0.2
	0.5s		43.30nm			5.5mb
NDI	78.47	301	eP	27	27.50	-1.6
POO	79.23	290	iPd	27	33.00	-0.5
PME	82.91	25	eP	27	50.80	-1.1
	0.8s		13.70nm			5.2mb
SPA	83.02	180	iPd	27	53.20	0.5
	0.6s		17.48nm			5.4mb
IMA	83.47	20	eP	27	55.00	0.0
COL	84.97	22	eP	28	01.00	-1.3
FBA	84.97	22	eP	28	00.60	-1.7
	0.6s		12.20nm			5.3mb
INK	91.51	21	eP	28	34.00	0.5
			pP	28	48.00	47kmX
ORV	93.25	51	ePc	28	42.60	0.4
PRI	93.54	54	e(P)	28	45.50	1.8
JAS1	93.92	52	iPc	28	45.90	0.6
FRI	94.39	53	ePc	28	48.30	0.9
			e	29	01.50	
PNT	95.51	41	eP	28	53.00	0.6
MNA	95.74	52	ePc	28	54.80	0.9
			e	29	08.00	
EUR	97.51	51	iP	29	03.20	1.3
	0.2s		13.40nm			6.2mb
EDM	99.56	37	eP	29	10.50	-0.1
JCT	110.91	60	ePKP	34	01.00	-0.7
	0.9s		3.30nm			
NB2	118.01	339	PKP	34	13.80	-0.5
	0.7s		1.10nm			
BRG	123.15	328	iPKP	34	23.90	-0.5
	1.0s		20.00nm			
PRU	123.33	327	ePKP	34	24.50	-0.2
CLL	123.39	329	ePKP	34	24.00	-0.8
KHC	124.33	327	ePKP	34	26.00	-0.8
MOX	125.49	329	e(PKP)	34	28.00	1.0
KBA	125.60	325	iPKPd	34	28.10	-1.4

	1.1s	13.20nm				
MEM	127.25	332	PKPc	34	32.00	-0.3
BSF	128.71	329	ePKP	34	35.00	-0.4
	0.9s	19.60nm				
HAU	128.83	329	ePKP	34	35.20	-0.3
	0.7s	7.40nm				
LPG	130.23	327	ePKP	34	39.50	0.9
	0.8s	8.00nm				
LOR	130.57	330	ePKP	34	39.00	0.2
LBF	130.70	330	ePKP	34	40.00	0.9
SSF	130.89	330	ePKP	34	39.80	0.4
	1.0s	10.80nm				
GRC	130.94	331	iPKPd	34	41.60	2.2
BGF	131.56	330	ePKP	34	41.10	0.4
BNG	131.66	270	iPKPc	34	41.10	-0.8
	0.6s	10.00nm				
			ic	34	51.20	
TCF	132.07	330	ePKP	34	43.10	1.4
	1.0s	10.00nm				
LPF	132.30	334	ePKP	34	42.30	0.3
LPO	133.71	329	ePKP	34	46.80	2.0
	0.9s	11.10nm				
CNCB	135.59	123	ePKP	34	37.00	-12.9X
LPB	135.62	122	ePKP	34	38.00	-11.8X
VAO	145.85	151	ePKP	35	07.80	0.3
			e	35	11.20	
BAO	151.28	142	iPKPc	35	16.70	0.6
			i	35	22.20	
			i	35	33.40	
KIC	154.92	270	ePKP	35	24.80	3.7X
			e	35	45.90	
SOB1	160.55	146	ePKP	35	15.40	-12.5X
			i	35	29.10	
			e	35	34.10	
			e	36	09.70	
SOB1	160.55	146	e(PKP)	35	29.00	1.1
			e	35	34.10	
			e	36	09.70	
ITR	162.21	152	ePKP	35	11.30	-18.3X
			e	35	29.30	
			e	36	16.00	
ITR	162.21	152	ePKP	35	29.70	0.1
	S.D. = 1.0		on	93	of 108	obs.

• DEC 11, 1985 13h 39m 33.06± 0.62s
18.377 S ± 8.0km 168.160 E ± 9.5km
DEPTH = 33.0km (normal)
4.3mb (3 obs.)
VANUATU ISLANDS (186)

PVC	0.65	13	iPd	39	45.50	-0.3
			iS	39	55.50	
DZM	4.01	203	iPc	40	32.60	-1.3
NOU	4.23	202	iPc	40	35.50	-1.3
			iS	41	24.00	
NDF	8.86	87	eP	41	42.20	0.4
VSG	12.22	317	eP	42	28.00	0.1
SVO	12.24	317	eP	42	28.00	0.0
BRS	16.76	235	P	43	28.80	1.7
COO	19.12	228	eP	43	59.00	2.8X
RMQ	19.65	242	eP	44	04.00	1.8
KRP	20.52	163	P	44	10.00	-1.1
CTA	20.75	262	iPc	44	14.40	0.7
	1.0s	16.00nm			4.4mb	
			eS	48	12.00	
GNZ	21.95	159	P	44	27.00	1.5
YOU	23.70	224	eP	44	44.90	2.0
			e	45	08.50	
CAN	23.95	221	eP	44	46.90	1.6
			e	45	11.20	
WAM	24.58	220	eP	44	52.00	0.6
			e	45	11.80	
WB2	31.94	262	eP	45	56.10	-2.1
WRA	31.95	262	Pc	45	56.40	-1.9
	0.2s	0.30nm			3.8mb	
ASPA	32.36	255	eP	46	00.00	-1.9
			eS	51	24.00	
SPA	71.74	180	iPd	50	51.80	-2.1
	0.6s	2.85nm			4.5mb	
CHG	77.36	295	eP	51	30.00	3.2X
SOB1	140.33	131	ePKP	58	53.60	-7.8X
CDF	146.25	337	ePKP	59	09.20	-1.8
	0.4s	2.20nm				
BNG	147.23	249	iPKPc	59	13.30	0.1
	1.0s	10.00nm				
			ic	59	25.20	
			ic	59	33.80	
FLN	148.32	346	ePKP	59	17.00	3.1X
LOR	148.44	339	ePKP	59	15.50	1.3
SSF	148.74	340	ePKP	59	16.40	1.8
	0.5s	2.90nm				
GRR	148.76	346	ePKP	59	18.50	3.9X
LPF	149.14	346	ePKP	59	20.20	5.0X
LSF	150.08	341	ePKP	59	22.40	5.7X
MFF	150.24	344	ePKP	59	22.80	5.9X
	S.D. = 1.5		on	22	of 30	obs.

• DEC 11, 1985 13h 54m 16.52± 1.33s
18.423 S ± 7.4km 168.343 E ±19.9km
DEPTH = 42.3 ± 15.1 km
4.1mb (2 obs.)
VANUATU ISLANDS (186)

PVC	0.68	358	iPd	54	30.30	0.5
			iS	54	40.00	
DZM	4.04	206	iPc	55	17.00	-0.6
			iS	56	04.70	
NOU	4.26	204	iPc	55	21.00	0.4
			iS	56	10.00	
VSG	12.38	316	eP	57	12.00	-1.0
SVO	12.39	317	eP	57	13.00	-0.1
CTA	20.92	262	eP	58	59.00	1.0
	1.3s	25.96nm			4.4mb	
SPA	71.69	180	iPd	05	35.60	-0.4
	1.0s	1.00nm			3.7mb	
LOR	148.54	340	ePKP	13	59.80	3.2X
	0.6s	3.90nm				
SSF	148.84	340	ePKP	14	00.90	3.8X
	0.6s	2.70nm				
	S.D. = 1.0		on	7	of 9	obs.

DEC 11, 1985 15h 02m 51.23± 0.31s
1.195 N ± 5.1km 122.436 E ± 7.6km
DEPTH = 33.0km (normal)
4.8mb (11 obs.)
MINAHASSA PENINSULA (265)

DAV	6.64	28	eP	04	27.10	-1.9
MKS	7.03	205	i(P)c	04	38.40	3.9X
AAI	7.53	130	iPc	04	43.20	1.7
			iS	04	51.70	
KKM	7.86	308	ePd	04	45.60	-0.6
	0.6s	45.20nm			5.7mb	
PPR	9.29	337	iPd	05	05.00	-0.9
MAN	13.45	354	eP	06	18.00	15.8X
BAG	15.23	353	eP	06	26.80	1.0
KNA	17.96	160	eP	07	04.30	4.1X
IPM	21.64	279	ePd	07	42.10	1.1
MBL	22.36	186	iPd	07	47.10	-1.0
	0.5s	7.00nm			4.4mb	
WRA	24.03	152	Pc	08	03.90	-0.5
	0.6s	25.90nm			4.9mb	
WB2	24.04	152	iPc	08	04.00	-0.4
NAU	24.55	196	eP	08	09.00	-0.3
LOE	25.96	310	eP	08	22.00	-0.8
ASPA	27.11	156	eP	08	33.00	-0.3
MEK	27.90	187	eP	08	39.00	-1.4
	0.5s	17.00nm			5.0mb	
WHN	30.18	346	eP	09	00.00	-0.8
MRWA	30.86	191	eP	09	04.50	-2.3
	0.5s	13.00nm			5.0mb	
CTA	31.50	133	iPd	09	12.70	0.1
	1.0s	11.00nm			4.7mb	
CD2	34.45	331	eP	09	38.40	0.3
TIY	37.49	347	P	10	04.30	0.5
STK	37.57	153	eP	10	04.00	-0.5
ADE	39.07	159	iPc	10	17.00	0.0
BJI	39.08	352	eP	10	16.50	-0.5
MDJ	43.70	7	eP	10	54.80	0.0
CAN	44.00	148	iPd	10	58.70	1.3
PKI	44.10	310	eP	10	59.40	0.6
	0.6s	5.00nm			4.5mb	
KKN	44.31	310	eP	11	01.20	0.9
	0.8s	9.00nm			4.7mb	
DMN	44.35	310	eP	11	01.70	1.0
	0.7s	13.00nm			4.9mb	
WAM	44.61	149	eP	11	04.10	1.8
HYB	46.04	293	eP	11	15.00	1.0
GBA	46.19	288	Pd	11	15.60	0.4
	0.7s	3.00nm			4.3mb	
MSZ	60.94	144	P	13	03.80	0.4
NAI	85.66	269	iP	15	43.00	14.0X
	1.0s	80.00nm				
SPA	91.19	180	iPc	15	54.30	0.2
	0.6s	3.91nm			4.9mb	
	S.D. = 1.0		on	31	of 35	obs.

DEC 11, 1985 15h 28m 48.22± 0.81s
32.916 S ± 6.0km 71.729 W ±10.0km
DEPTH = 81.6 ± 7.1 km
4.6mb (4 obs.)
NEAR COAST OF CENTRAL CHILE (135)
Felt (VI) at Valparaiso, (V) at La Liguo and Quillota, (IV) at Los Andes and San Felipe, and (III) at Santiago.

ROCH	0.61	95	iPd	29	02.00	-1.5
			i(S)	29	16.10	
PEL	0.91	105	iPd	29	06.10	-0.5
			iS	29	19.30	
TACH	0.99	138	iPc	29	07.60	0.1
SAN	1.04	121	iPd	29	08.00	-0.2
			iS	29	23.00	
LNV	1.07	166	iPd	29	07.90	-0.5
BACH	1.13	113	iPd	29	09.20	0.0
PCH	1.24	125	iPd	29	11.00	0.3
			i(S)	29	23.90	
FCH	1.27	109	iPd	29	11.30	-0.1
RTCB	2.86	61	ePc	29	33.40	0.7
			S	30	08.00	
RTCV	2.90	70	ePc	29	34.10	1.0
			S	30	10.40	
ZON	2.92	63	iPc	29	35.50	2.0
RTLL	3.19	61	ePd	29	37.30	8.2
			S	30	15.00	
CFA	3.23	67	ePc	29	38.30	0.6
			S	30	16.80	
RFA	3.29	125	ePd	29	39.60	1.1
VCA	5.15	37	ePc	30	03.60	-1.0
			S	31	03.00	
FSA	8.43	38	iPd	30	45.20	-4.5X
ANT	9.25	8	eP	30	52.80	-8.1X
SLA	9.82	35	ePc	31	03.80	-5.0X
ARE	16.38	1	eP	32	55.00	20.2X
CNCB	16.39	13	P	32	35.00	-0.2
LPB	16.64	12	(P)	32	38.00	-0.2
Z	22s	0.37um				
			LR	38	12.00	
ZOBO	16.89	12	iP	32	41.00	-0.5
	0.8s	58.31nm			4.9mb	
			iS	36	06.00	
			LR	37	28.00	
VAO	23.95	72	eP	33	56.10	0.2
BAO	27.54	57	iPd	34	28.20	-1.2
			e	34	41.70	
			e	34	49.20	
ATB	34.68	36	Pc	35	30.50	-1.5
SOB1	36.96	57	iPc	35	50.50	-0.9
ITR	39.04	60	iPc	36	07.10	-1.7
			e	36	20.90	
SPA	57.26	180	ePc	38	29.00	-0.4
	1.0s	13.50nm			5.0mb	
JCT	68.42	334	eP	39	44.10	0.8
	1.2s	14.06nm			4.8mb	
BHO	70.38	340	eP	39	56.00	0.8
	1.5s	9.80nm			4.5mb	
KIC	74.50	72	iPc	40	20.50	0.6
ALQ	74.96	331	eP	40	24.00	1.7
GBA	145.96	117	PKP	48	21.80	2.1X
HYB	149.13	113	ePKP	48	30.10	5.4X
	0.8s	30.80nm				
IPM	151.01	165	ePKPd	48	35.00	7.3X
	S.D. = 1.0		on	28	of 35	obs.

? DEC 11, 1985 15h 31m 19.35± 4.61s
39.571 N ±38.6km 29.469 E ±13.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

GPA	0.97	42	ePn	31	37.40	-0.3
KCT	1.09	309	iPn	31	38.90	-1.0
HRT	1.26	7	iPn	31	42.40	-0.4
EDC	1.46	303	iPn	31	46.10	0.4
ISK	1.53	348	iPn	31	47.90	1.3
	S.D. = 1.2		on	5	of 5	obs.

? DEC 11, 1985 16h 03m 57.77± 2.54s
16.036 S ±18.6km 174.199 W ±15.7km
DEPTH = 147.5 ± 26.8 km
4.3mb (4 obs.)

11d 16h

TONGA ISLANDS (173)

NUE	5.07	127	P	05 12.70	-0.3
			S	06 05.00	
DZM	19.25	249	iPc	08 13.20	-0.1
NOU	19.31	248	iPc	08 16.50	2.7X
GNZ	23.54	195	eP	08 56.00	0.4
KRP	23.61	201	P	08 58.00	1.7
TCW	27.00	199	eP	09 09.00	-18.6X
WB2	48.94	257	eP	12 31.00	-0.1
WRA	48.95	257	Pd	12 30.60	-0.6
	0.6s	1.80nm		4.0mb	
ASPA	49.19	252	eP	12 32.00	-1.0
WBN	55.77	249	iPd	13 22.80	1.0
MBL	62.35	254	eP	14 06.70	-0.4
	0.5s	6.00nm		4.8mb	
NAU	66.15	252	eP	14 32.00	0.3
SPA	74.07	180	ePc	15 17.30	-1.8
	1.0s	1.50nm		3.7mb	
COL	83.16	11	iP	16 09.00	1.0
	0.8s	9.33nm		4.7mb	
	S.D. = 1.1	on	12 of	14 obs.	

DEC 11, 1985 16h 50m 12.29± 1.05s
24.442 N ± 6.3km 120.860 E ±11.0km
DEPTH = 10.0km (geophysicist)

TAIWAN (244)

TWQ	0.17	188	iPd	50 16.20	0.1
TWD	0.76	118	iPd	50 27.00	-0.2
TATO	0.78	47	iP	50 27.50	0.0
TWC	0.92	79	ePc	50 29.50	-0.3
TWZ	0.92	45	iPc	50 29.50	-0.4
ANP	0.95	39	eP	50 31.00	0.6
TWF1	1.13	160	iPd	50 34.50	0.6
			eS	50 51.20	
TWK	1.22	196	iPc	50 34.60	-0.4
	S.D. = 0.5	on	8 of	8 obs.	

* DEC 11, 1985 19h 11m 43.54± 0.42s
35.858 N ±13.0km 73.605 E ±11.8km
DEPTH = 33.0km (normol)
4.6mb (11 obs.)

NORTHWESTERN KASHMIR (720)

NDI	7.78	156	eP	13 43.00	5.7X
			eS	15 06.50	
KKN	12.77	126	eP	14 44.00	-1.7
OMN	12.78	127	eP	14 45.20	-0.6
PKI	13.00	126	eP	14 47.40	-1.5
	0.6s	27.00nm		5.5mb	
HYB	18.89	165	eP	16 06.00	2.2
SUF	39.58	328	iP	19 13.90	0.9
BRG	44.67	309	iP	19 55.10	0.4
	1.0s	10.00nm		4.6mb	
NB2	46.16	323	P	20 05.70	-0.8
	0.7s	3.20nm		4.4mb	
BSF	49.73	306	eP	20 34.20	-0.3
	0.8s	5.30nm		4.6mb	
HAU	49.98	306	eP	20 36.20	-0.2
SMF	51.96	305	eP	20 50.90	-0.5
	0.6s	4.50nm		4.6mb	
SSF	52.07	305	eP	20 52.00	-0.2
AVF	52.24	305	eP	20 52.80	-0.7
	0.6s	3.60nm		4.5mb	
GRC	52.30	306	iPc	20 54.20	0.3
MZF	52.91	305	eP	20 58.60	0.1
	0.8s	8.00nm		4.7mb	
TCF	53.14	305	eP	21 00.10	-0.1
LSF	53.60	305	eP	21 03.10	-0.5
FLN	54.22	308	eP	21 07.30	-0.8
	0.6s	3.60nm		4.6mb	
GRR	54.57	308	eP	21 09.80	-0.8
	0.7s	6.60nm		4.8mb	
BNG	59.42	252	iPd	21 45.60	0.1
	0.8s	19.00nm		5.3mb	
MBC	67.87	3	eP	22 41.00	0.9
KIC	76.86	268	eP	23 33.80	-0.5
WRA	79.87	124	P	23 55.00	4.4X
	0.3s	0.30nm		3.8mb	
WB2	79.88	124	eP	23 53.00	2.4
YKA	81.77	4	eP	24 02.00	2.1
	S.D. = 1.1	on	23 of	25 obs.	

* DEC 11, 1985 19h 54m 13.02± 0.51s
52.005 N ±10.2km 160.442 E ± 8.6km
DEPTH = 33.0km (normol)

4.9mb (24 obs.)

OFF EAST COAST OF KAMCHATKA (219)

MDJ	21.69	262	eP	59 00.50	-2.1
MAT	22.06	234	eP	59 08.00	1.5
	1.1s	44.30nm		4.8mb	
			eS	03 20.00	
CN2	24.66	265	eP	59 29.50	-2.2
SHK	26.47	240	eP	00 07.50	18.7X
COL	29.06	44	eP	00 09.80	-2.1
			e	00 15.00	
MBC	37.97	23	eP	01 40.00	11.3X
GTA	42.95	278	eP	02 08.00	-2.4
YKA	43.83	42	eP	02 17.10	0.1
WMQ	47.54	290	P	02 47.50	0.6
DAG	51.50	360	iPd	03 14.90	-1.8
	0.4s	6.78nm		5.0mb	
KEV	53.92	342	eP	03 45.00	10.2X
JAS1	55.02	71	eP	03 43.00	-0.4
BMN	55.20	67	eP	03 44.00	-0.9
SOD	56.00	340	eP	04 00.00	10.0X
EUR	56.55	67	P	03 53.50	-1.2
BDW	57.86	60	eP	04 00.00	-3.9X
CHG	57.90	259	iPc	04 05.40	1.3
	1.0s	20.00nm		5.1mb	
KJF	58.45	338	iP	04 06.20	-1.2
	0.8s	39.60nm		5.6mb	
			i	04 18.20	
KKN	59.68	277	eP	04 16.40	-0.3
	0.5s	28.00nm		5.6mb	
PKI	59.76	277	eP	04 17.00	-0.4
	0.6s	11.00nm		5.2mb	
DMN	59.92	277	eP	04 18.40	0.0
	0.5s	24.00nm		5.6mb	
SUF	60.09	338	iP	04 18.20	-0.5
	0.7s	35.40nm		5.6mb	
NUR	62.37	337	iP	04 33.40	-0.7
	0.6s	16.90nm		5.3mb	
UPP	64.53	340	iP	04 47.60	-0.7
NB2	64.65	344	P	04 47.70	-1.5
	0.8s	7.10nm		4.8mb	
HYB	71.51	275	eP	05 31.80	-0.7
EKA	72.17	350	P	05 36.00	0.2
	1.1s	8.90nm		4.7mb	
IR2	73.27	307	eP	05 43.00	0.2
CLL	73.45	339	iPc	05 42.80	-0.6
	1.2s	16.00nm		4.9mb	
BRG	73.65	339	eP	05 44.10	-0.4
WTS	74.02	343	iPd	05 47.20	0.6
	0.8s	8.00nm		4.8mb	
CVO	74.92	329	eP	05 53.00	1.0
GBA	75.11	273	Pd	05 53.70	0.2
	0.7s	2.80nm		4.4mb	
WB2	75.18	205	eP	05 53.80	0.1
WRA	75.18	205	Pd	05 54.40	0.7
	0.7s	1.20nm		4.0mb	
ENN	75.35	344	eP	05 55.00	0.6
	1.0s	28.00nm		5.2mb	
KHC	75.36	338	iPd	05 55.20	0.7
	1.0s	10.50nm		4.8mb	
ZST	75.38	336	eP	05 53.40	-1.2
			e	21 21.00	
MEM	75.49	344	Pc	05 55.10	0.0
DOU	76.23	344	Pc	05 59.70	0.3
KBA	77.34	338	iPd	06 07.30	1.5
	0.8s	26.20nm		5.3mb	
			i	06 09.40	
			i	06 19.10	
			i	06 23.70	
CDF	77.37	342	eP	06 06.00	0.1
	0.8s	5.30nm		4.6mb	
HAU	77.94	343	eP	06 09.20	0.3
BSF	78.02	342	eP	06 09.50	0.0
LOR	79.09	344	eP	06 15.50	0.3
GRC	79.20	345	iPd	06 15.50	-0.2
LRF	79.34	344	eP	06 16.60	0.0
	0.8s	4.00nm		4.5mb	
SSF	79.35	344	eP	06 17.20	0.6
AVF	79.64	344	eP	06 18.60	0.5
	0.8s	5.30nm		4.6mb	
SMF	79.70	344	eP	06 18.90	0.4
BGF	79.95	345	eP	06 20.70	0.9
LPC	80.27	342	eP	06 23.70	1.8
	0.7s	5.90nm		4.7mb	
TCF	80.32	345	eP	06 22.60	0.8
MZF	80.33	345	eP	06 22.80	0.9
	0.8s	8.50nm		4.8mb	
LSF	80.46	345	eP	06 24.10	1.5
LFF	81.86	346	eP	06 32.30	2.4
	1.0s	13.60nm		4.9mb	
LPO	82.04	345	eP	06 32.40	1.6
	S.D. = 1.1	on	52 of	57 obs.	

? DEC 11, 1985 20h 20m 14.78± 5.31s
51.569 N ±33.6km 16.161 E ±30.9km
DEPTH = 10.0km (geophysicist)

POLAND (54P)

ML 3.9 (GRF), ML 3.6 (KBA), ML 3.5 (VKA).

KSP	0.73	173	iPd	20 29.30	0.1
			eS	20 35.00	
BRG	1.56	244	iPg	20 43.80	1.3
			iSg	21 03.20	
PRU	1.89	214	Pn	20 47.50	0.2
			Pg	20 49.30	
			Sn	21 06.20	
			eSg	21 13.50	
			e	21 19.20	
CLL	1.99	264	iPn	20 48.50	-0.4
			i	20 55.70	
			iSg	21 18.00	
KRA	2.84	121	iPd	21 09.80	8.9X
			i	21 49.80	
KHC	2.95	215	iPn	21 02.00	-0.5
			Pg	21 08.00	
			Sn	21 33.80	
			Sg	21 49.00	
HOF	2.99	247	iPnc	21 02.70	-0.3
MOX	3.01	254	ePg	21 11.00	7.6X
			iSg	21 50.00	
WET	3.21	222	iPnc	21 06.10	-0.1
VKA	3.31	178	iPgd	21 17.20	9.5X
			i(Sg)	22 02.10	
GRF	3.66	241	ePg	21 12.70	0.0
			e	21 25.60	
			eSg	22 10.80	
FUR	4.65	225	eP	21 26.40	-0.2
KBA	4.86	203	iPnc	21 38.10	8.3X
			iSg	22 53.50	
	S.D. = 0.6	on	9 of	13 obs.	

? DEC 11, 1985 20h 32m 36.25± 1.03s
26.683 S ±25.8km 177.251 W ±16.0km
DEPTH = 170.0km (geophysicist)
4.3mb (2 obs.)

SOUTH OF FIJI ISLANDS (171)

DZM	15.55	284	iPc	36 09.20	1.4
CTA	34.85	273	eP	39 07.00	0.8
CTAO	34.85	273	eP	39 06.00	-0.2
			epP	39 41.80	168kmX
WB2	44.74	268	eP	40 33.70	-0.8
WRA	44.75	268	Pc	40 33.50	-1.0
	0.7s	5.40nm		4.2mb	
WBN	49.95	257	eP	41 14.70	-0.2
NAU	60.65	258	eP	42 30.80	-0.8
SPA	63.47	180	iPc	42 51.00	1.0
	1.0s	5.00nm		4.4mb	
NB2	145.17	353	PKP	51 54.20	-0.2
	0.8s	6.90nm			
UPP	145.28	347	iPKP	51 54.60	0.1
BNG	153.21	217	iPKPd	52 16.50	8.4X
	0.4s	5.00nm			
	S.D. = 0.9	on	10 of	11 obs.	

* DEC 11, 1985 21h 12m 39.91± 0.70s
13.720 S ± 9.4km 166.086 E ±12.7km
DEPTH = 33.0km (normol)
5.3mb (5 obs.)

VANUATU ISLANDS (186)

SVO	7.64	306	eP	14 32.00	0.2
VSG	7.66	305	eP	14 31.00	-1.1
DZM	8.31	178	iPc	14 40.10	-1.1
			iS	16 13.00	
NOU	8.55	178	iPc	14 45.50	1.1
			iS	16 17.50	
CTA	19.99	249	iPc	17 13.00	0.3
	1.0s	10.50nm		4.1mb	
WB2	30.96	254	eP	18 56.00	-0.5
			e	19 02.90	
WRA	30.97	254	P	18 56.00	-0.6
	0.2s	0.20nm		3.6mb X	

COL 85.75 18 eP 25 16.00 -0.6
0.8s 12.69nm 5.2mb
PKI 88.21 299 eP 25 30.60 0.8
0.5s 8.00nm 5.3mb
KKN 88.38 299 eP 25 31.40 0.9
0.6s 10.00nm 5.3mb
DMN 88.48 299 eP 25 32.20 1.2
0.6s 18.00nm 5.6mb
SOB1 144.84 129 ePKP 32 14.30 -1.9
e 32 25.90
BNG 146.69 257 iPKPc 32 20.50 1.2
0.5s 8.00nm
id 32 37.00
ITR 146.97 131 ePKP 32 20.00 0.3
S.D. = 1.1 on 14 of 14 obs.

% DEC 11, 1985 23h 54m 32.88± 1.65s
46.800 N ±13.1km 0.513 W ±17.5km
DEPTH = 6.0km (geophysicist)
FRANCE (538)
ML 2.7 (LDG).

MFF 0.32 128 Pg 54 41.30 1.9
Sg 54 46.20
LPF 1.28 344 Pg 54 57.30 0.3
0.2s 20.00nm
Sg 55 12.70
LSF 1.51 111 Pg 54 58.70 -1.8
0.2s 12.00nm
Sg 55 15.30
GRR 1.61 352 Pg 55 01.80 0.0
0.2s 15.00nm
Sg 55 21.70
TCF 1.95 104 Pg 55 05.60 -1.2
Sg 55 27.40
RJF 2.06 136 Pg 55 10.10 1.7
0.2s 7.00nm
Sg 55 35.60
MZF 2.22 104 Pg 55 10.70 0.0
0.3s 4.00nm
Sg 55 34.30
BGF 2.33 95 Pg 55 11.90 -0.4
0.3s 9.00nm
Sg 55 37.30
CAF 2.60 135 Pn 55 14.30 -1.9
0.2s 6.00nm
Pg 55 19.10
Sn 55 42.00
Sg 55 53.70
SSF 2.77 83 Pg 55 19.50 0.9
LOR 3.03 80 Pg 55 22.90 0.7
0.2s 3.00nm
Sg 55 56.10
S.D. = 1.4 on 11 of 11 obs.

• DEC 12, 1985 00h 45m 45.28± 0.86s
62.469 N ± 8.5km 124.058 W ± 8.9km
DEPTH = 10.0km (geophysicist)
NORTHWEST TERRITORIES, CANADA (679)

YKA 4.39 85 eP 46 53.50 0.1
RSNT 4.39 86 ePn 46 53.80 0.3
eS 48 01.00
YKC 4.45 86 eP 46 54.00 -0.3
INK 7.06 330 eP 47 31.00 -0.1
EDM 10.87 144 eP 48 23.50 -0.3
PGC 13.86 178 eP 49 04.00 0.2
S.D. = 0.3 on 6 of 6 obs.

• DEC 12, 1985 01h 40m 15.42± 1.40s
23.151 N ± 8.2km 121.355 E ±13.6km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWF1 0.21 345 iPd 40 19.50 -0.5
TWG 0.42 219 iPc 40 24.00 0.0
eS 40 30.50
TWK 0.81 278 iPd 40 31.00 -0.1
eS 40 43.50
TWD 0.95 13 eP 40 33.50 0.0
TWQ 1.22 337 iP 40 38.60 0.5
eS 40 56.00
TATO 1.82 4 e(P) 40 47.00 0.0
S.D. = 0.4 on 6 of 6 obs.

• DEC 12, 1985 02h 21m 28.58± 0.98s
66.310 N ±10.3km 149.799 W ± 7.6km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.5 (PMR).

IMA 1.59 263 eP 21 57.30 0.3
COL 1.64 149 eP 21 57.00 -0.6
i 22 00.60
FBA 1.64 149 eP 21 57.60 0.0
TTA 4.32 221 eP 22 35.00 -0.8
PWA 4.68 180 eP 22 42.00 1.1
DWY 4.92 113 P 23 03.10 18.8X
Lg 24 00.10
SVW 5.83 209 eP 22 57.00 -0.1
INK 6.60 65 eP 23 08.00 0.0
S.D. = 0.8 on 7 of 8 obs.

DEC 12, 1985 02h 58m 36.67± 0.43s
47.649 N ± 3.5km 14.353 E ± 4.1km
DEPTH = 11.9 ± 2.3 km
AUSTRIA (546)
DUR 4.2 (KBA), ML 4.0 (VKA), 3.8 (GRF). Felt (V) ot Liezen.

MOA 0.21 344 iPgc 58 40.90 -0.5
KBA 0.89 231 iPnd 58 52.60 -1.1
i(Sg) 59 03.50
BHG 1.00 275 iPgd 58 56.00 0.6
VKA 1.46 64 iPnd 59 02.70 -0.1
iPg 59 03.30
iSg 59 23.10
SOP 1.49 88 iPd 59 02.80 -0.4
KHC 1.57 341 iPn 59 05.30 0.9
iSg 59 26.50
LJU 1.61 176 ePn 59 06.90 1.9
1.1s 520.00nm
i 59 08.80
eSn 59 26.40
VOY 1.65 191 iPnd 59 05.40 -0.2
iSn 59 26.30
iSg 59 27.00
WET 1.79 327 iPnc 59 08.00 0.4
SCE 1.90 252 ePn 59 10.60 1.3
TRI 1.98 192 ePn 59 09.60 -0.8
iSn 59 32.30
i(Sg) 59 39.60
FUR 2.13 285 iPgc 59 16.60 4.0X
iSg 59 45.00
GAP 2.23 267 ePn 59 17.90 3.8X
PRU 2.34 3 Pn 59 15.20 -0.4
ePg 59 18.20
e 59 23.20
Sg 59 40.70
i 59 50.70
OGA 2.40 252 iPnc 59 19.80 3.3X
SRO 2.68 85 iPn 59 26.80 6.5X
i(Sn) 00 06.00
GRF 2.91 316 iPn 59 24.60 0.9
ePg 59 31.20
eSg 00 10.00
OSS 3.03 253 ePd 59 26.40 1.0
HOF 3.13 329 ePn 59 26.40 -0.3
iPgc 59 34.40
BRG 3.24 355 ePg 59 37.30 9.0X
e 59 56.60
eSg 00 20.40
SAX 3.42 265 eP 59 31.40 0.3
KSP 3.44 21 eP 59 40.20 9.1X
eS 00 26.00
MOX 3.50 330 ePn 59 32.00 0.1
ePg 59 42.00
iSg 00 28.00
VDL 3.53 253 eP 59 34.10 1.5
LLS 3.73 260 ePd 59 35.40 -0.1
CLL 3.77 347 iPn 59 36.40 0.6
iPg 59 47.90
iSg 00 36.00
SLE 3.96 274 ePd 59 37.70 -0.8
ZUL 4.04 270 ePd 59 39.00 -0.7
TMA 4.06 250 eP 59 41.10 1.0
KRA 4.41 55 eP 00 00.50 15.7X
e 00 06.60
e 00 54.60
MMK 4.66 252 ePd 59 49.20 0.4
TNS 4.67 306 ePn 59 48.60 0.0
eSn 00 40.10
eSg 01 08.20
GWF 4.68 289 ePn 59 48.00 -0.9
ePg 00 04.00
CDF 4.81 282 Pg 00 06.70 16.0X
0.6s 123.00nm
Sg 01 08.40
DIX 5.01 254 eP 59 53.70 0.0
BSF 5.10 275 Pn 59 53.40 -1.4
0.6s 83.00nm 5.5mb X
Pg 00 13.70
Sn 00 48.20
Sg 01 15.40
BGG 5.28 302 iPnd 59 57.70 0.4
eSg 00 54.80
EMS 5.33 255 eP 59 57.00 -1.1
HAU 5.40 277 Pn 00 00.50 1.5
0.3s 39.00nm 5.5mb X
Sn 00 55.10
Sg 01 23.70
LPG 5.67 250 Pn 00 03.00 0.1
WLF 5.80 293 iPgc 00 04.20 -0.2
Sg 01 06.90
MEM 6.23 301 Pg 00 11.00 0.5
Sg 01 19.60
DOU 6.89 294 Pg 00 19.40 -0.4
Sg 01 31.80
SMF 7.24 266 Pn 00 24.80 0.0
Pg 00 53.40
Sn 01 36.70
GRC 7.65 272 ePnd 00 33.30 2.7X
BGF 7.93 266 Pn 00 32.40 -2.0
0.4s 15.00nm 5.6mb X
S.D. = 0.9 on 37 of 46 obs.

• DEC 12, 1985 03h 58m 26.11± 1.32s
28.193 N ±10.2km 140.690 E ± 9.4km
DEPTH = 23.9 ± 11.3 km
4.7mb (8 obs.)
BONIN ISLANDS REGION (212)

CBI 1.72 129 eP 58 55.00 0.1
eS 59 17.00
MAT 8.58 346 (P) 00 33.00 1.1
1.3s 38.46nm 5.5mb
eS 02 35.00
SSE 17.20 284 P+ 02 26.00 -0.4
S 05 48.00
MDJ 18.64 335 Pc 02 42.00 -2.1
DL2 19.11 309 P 02 48.00 -1.8
NJ2 19.27 287 Pc 02 53.50 1.6
TIA 21.45 298 eP 03 14.60 -0.1
BAG 21.95 242 eP 03 22.00 1.9
eS 07 23.00
WHN 23.06 282 eP 03 34.00 3.3X
BJI 23.41 307 eP 03 33.50 -0.5
eS 07 47.00
TIY 25.46 299 Pc 03 55.50 1.6
HHC 26.98 306 eP 04 06.80 -1.2
XAN 27.75 290 eP 04 15.40 0.5
BTO 28.03 304 eP 04 16.00 -1.5
CD2 32.15 284 eP 04 53.40 -0.8
GTA 35.49 299 eP 05 22.80 -0.2
CHG 39.24 266 eP 05 56.00 1.4
WB2 48.24 188 eP 07 04.20 -2.9
WRA 48.25 188 Pc 07 06.20 -0.9
0.8s 9.30nm 4.9mb
KKN 48.55 283 eP 07 16.40 6.6X
1.1s 27.00nm 5.2mb
NDI 55.20 287 eP 08 02.00 2.6
COL 57.01 29 eP 08 12.00 0.0
0.9s 7.98nm 4.7mb
YKA 71.81 28 eP 09 49.10 0.8
DAG 74.52 355 iPc 09 51.20 -12.7X
0.3s 7.79nm
PNT 75.04 42 eP 10 11.00 3.5X
0.9s 10.00nm 4.8mb
LRM 80.97 43 eP 10 41.50 1.1
FFC 81.51 31 eP 10 43.00 0.3
0.8s 4.00nm 4.5mb
NB2 82.10 338 P 10 44.90 -0.9
1.2s 6.20nm 4.5mb
BDW 84.35 44 eP 10 58.20 0.3
1.0s 1.60nm 4.2mb
ZOBO 150.89 72 ePKP 18 16.50 2.8X
LPB 151.04 73 ePKP 18 07.00 -6.7X
CNCB 151.27 73 ePKP 18 09.00 -5.2X
TPZ 155.15 80 ePKP 18 27.00 7.7X
S.D. = 1.4 on 25 of 33 obs.

12d 04h

DEC 12, 1985 04h 35m 26.57± 0.71s
46.607 N ± 6.0km 1.456 E ± 5.6km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.9 (LDG).

LSF	0.36	172	Pg	35 33.10	-0.9
			Sg	35 37.00	
TCF	0.61	121	Pg	35 38.10	-0.8
			Sg	35 46.10	
MZF	0.87	116	Pg	35 42.50	-0.9
			Sg	35 53.90	
BGF	0.96	92	Pg	35 44.70	-0.1
			Sg	35 57.50	
MFF	1.10	270	Pg	35 46.20	-1.1
	0.2s	43.00nm			
			Sg	35 59.10	
RJF	1.30	178	Pg	35 50.70	0.0
	0.2s	44.00nm			
			Sg	36 06.70	
GRC	1.30	58	iPgd	35 50.50	-0.2
			iSg	36 08.20	
AVF	1.32	81	Pg	35 50.70	-0.2
	0.3s	14.00nm			
			Sg	36 07.00	
SSF	1.48	71	Pg	35 53.70	0.5
	0.4s	33.00nm			
			Sg	36 12.70	
SMF	1.64	88	Pn	35 54.50	-1.1
	0.2s	16.00nm			
			Pg	35 56.50	
			Sn	36 14.30	
			Sg	36 17.60	
CAF	1.73	166	Pg	35 57.90	0.9
	0.2s	15.00nm			
			Sg	36 19.40	
LFF	1.75	197	Pg	35 57.40	0.3
	0.2s	10.00nm			
			Sg	36 19.90	
LBF	1.77	77	Pg	35 58.50	1.0
	0.4s	16.00nm			
			Sg	36 21.00	
LOR	1.77	67	Pg	35 58.60	1.1
	0.2s	12.00nm			
			Sg	36 21.00	
LPO	1.93	186	Pg	36 01.40	1.6
	0.3s	31.00nm			
			Sg	36 26.20	
LPF	2.22	311	Pg	36 06.50	2.6X
			Sg	36 35.50	
GRR	2.37	319	Pg	36 09.40	3.3X
	0.2s	6.00nm			
			Sg	36 38.60	

S.D. = 0.9 on 15 of 17 obs.

DEC 12, 1985 05h 25m 50.55± 0.56s
43.515 N ± 7.2km 16.906 E ± 6.0km
DEPTH = 23.5 ± 8.2 km
YUGOSLAVIA (383)
DUR 4.2 (TRI). ML 4.0 (KBA), 3.8 (TTG). Felt at Mokorsko and Livno.

BRY	1.35	117	ePg	26 12.00	-2.1
			eSg	26 32.00	
HCY	1.58	132	ePn	26 16.50	-0.9
			eSn	26 38.70	
NKY	1.68	114	ePn	26 19.00	0.0
			eSn	26 44.00	
PLE	1.82	95	ePn	26 22.00	1.0
			eSn	26 47.50	
BDV	1.87	130	ePn	26 22.20	0.6
			eSn	26 48.00	
TTG	2.04	121	ePn	26 25.30	1.3
			eSn	26 54.20	
IVA	2.28	105	ePn	26 30.00	2.5
ULC	2.32	131	ePn	26 30.00	2.0
			eSn	27 02.00	
ZAG	2.39	344	e(Pn)	26 28.40	-0.6
			ePg	26 33.40	
			e	26 59.00	
			iSn	27 02.20	
			iSg	27 07.00	
PVY	2.43	111	ePn	26 32.40	2.7X
			eSn	27 05.00	
CEY	2.84	322	ePn	26 38.00	2.6X
	1.0s	399.00nm			
			iSn	27 15.40	
BEO	2.87	62	ePn	26 41.50	5.8X
			iPg	26 46.50	
			iSg	27 19.50	
LJU	3.04	327	ePn	26 40.90	2.7X
	0.9s	600.00nm			
			i	26 45.30	
			eSn	27 18.90	
			eSg	27 33.90	
TRI	3.14	315	ePn	26 40.00	0.4
			iPg	26 46.90	
			iSn	27 31.00	
VOY	3.31	321	iPnd	26 44.00	1.9
			iSn	27 25.30	
FIR	4.11	276	eP	27 02.00	8.6X
SOP	4.18	357	eP	26 54.60	0.3
KBA	4.36	326	iPnd	26 59.30	2.2
			iPg	27 19.20	
			iSn	27 54.50	
			iSg	28 24.50	
			i	28 28.30	
SRO	4.41	12	iPn	26 55.70	-1.9
			i(Sn)	28 13.80	
ZST	4.68	2	eP	27 01.00	-0.5
			e	28 21.00	
VKA	4.77	355	i(Pn)	27 02.00	-0.7
	0.5s	16.90nm			
			iPgPg	27 20.30	
			i	28 19.10	
BHG	5.07	328	eP	27 08.70	1.7
OGA	5.34	311	ePn	27 11.80	0.8
OSS	5.74	306	ePd	27 17.90	1.2
CVF	5.97	264	eP	27 21.60	1.9
VDL	6.05	302	ePd	27 22.50	1.4
KHC	6.07	339	iPn	27 21.80	0.7
			Pg	27 33.00	
			Sg	28 29.00	
TMA	6.27	297	eP	27 23.50	-0.7
SAX	6.50	308	ePd	27 28.20	0.7
LLS	6.52	304	ePd	27 29.40	1.8
PRU	6.68	347	ePn	27 37.00	7.4X
			eSn	28 58.00	
MLR	6.76	70	eP	27 57.00	26.1X
MMK	6.85	295	eP	27 32.60	0.3
DIX	7.23	294	eP	27 37.30	-0.3
SLE	7.27	309	eP	27 37.60	-0.4
GRF	7.31	330	eP	27 40.50	2.0
			e(S)	29 11.00	
FRF	7.46	274	eP	27 41.60	1.0
	0.4s	8.40nm		5.2mb	X
LPG	7.53	289	eP	27 40.00	-1.9
	0.4s	6.80nm		5.1mb	X
EMS	7.54	293	eP	27 42.40	0.4
LMR	7.57	272	eP	27 43.70	1.5
LRG	7.67	273	eP	27 43.90	0.3
	0.4s	10.30nm		5.3mb	X
MOX	7.99	335	eP	27 49.00	0.9
BSF	8.29	305	eP	27 50.40	-2.0
CDF	8.30	309	eP	27 50.70	-1.8
HAU	8.64	305	eP	27 52.20	-4.9X
LBF	9.76	295	eP	28 10.00	-2.5
	0.4s	4.50nm		5.1mb	X
SMF	9.76	293	eP	28 10.10	-2.4
	0.4s	4.00nm		5.1mb	X
LOR	9.91	297	eP	28 12.30	-2.4
	0.4s	2.80nm		4.9mb	X
AVF	10.12	294	eP	28 15.80	-1.7
BGF	10.41	292	eP	28 20.60	-0.8
DOU	10.69	312	P	28 27.80	2.5X

S.D. = 1.5 on 42 of 51 obs.

• DEC 12, 1985 06h 39m 53.09± 0.86s
21.151 S ± 7.9km 69.092 W ±13.0km
DEPTH = 150.0km (geophysicist)
NORTHERN CHILE (123)

ANT	2.82	205	iPd	40 39.50	0.8
			iS	41 07.80	
TPZ	3.16	98	iP	40 43.00	-0.5
CNCB	4.44	14	eP	41 01.00	0.5
LPB	4.69	12	eP	41 05.00	1.4
SLA	4.86	138	ePc	41 05.20	-0.5
ZOBO	4.94	11	eP	41 07.10	0.0
ARE	5.19	334	eP	41 08.50	-1.7
			eS	42 08.00	

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

% DEC 12, 1985 07h 07m 2[illegible] 66± 0.96
29.072 N ± 8.8km 104.720 E ±12.3km
DEPTH = 33.0km (normal)
SICHUAN PROVINCE, CHINA (367)

CD2	2.01	336	ePg	07 56.80	-0..
			Sg	08 23.30	
GYA	3.12	146	Pn	08 13.60	0.8
			Pg	08 22.80	
			Sn	08 57.00	
			Sg	09 09.00	
KMI	4.31	205	eP	08 29.50	-0.3
			S	09 34.00	
XAN	6.11	35	ePn	08 56.20	1.1
			ePg	09 16.70	
			eSn	09 58.60	
			eSg	10 28.50	
WHN	8.49	78	eP	09 27 00	-1.3

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

% DEC 12, 1985 07h 21m 33.52± 0.62s
39.258 N ± 5.4km 27.660 E ± 7.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.91	200	iPg	21 50.80	-0.2
			iSg	22 05.20	
EDC	1.10	8	iPn	21 53.80	-0.3
KCT	1.13	28	iPn	21 54.00	-0.6
EZN	1.18	299	iPn	21 56.20	0.7
ISK	2.10	30	ePn	22 09.00	-0.1
YER	2.18	167	ePn	22 10.10	-0.2
HRT	2.19	44	ePn	22 12.00	1.4
GPA	2.29	62	ePn	22 12.20	0.3
DMK	2.56	2	ePn	22 14.90	-0.9

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

• DEC 12, 1985 07h 26m 27.76± 0.71s
31.167 N ±12.5km 130.554 E ±10.8km
DEPTH = 179.7 ± 6.3 km
4.6mb (12 obs.)
KYUSHU, JAPAN (235)

KAG	0.40	360	iPc	26 51.80	-0.8
			iS	27 09.30	
TAJ	0.58	138	eP	26 53.00	-0.1
			S	27 10.80	
MYZ	1.06	45	iPc	26 57.20	1.1
			S	27 16.90	
SHK	3.80	27	eP	27 26.10	-0.8
MAT	8.32	48	(P)	28 30.00	3.8X
	0.7s	8.22nm		4.3mb	
			eS	30 01.00	
TIA	12.26	298	eP	29 23.00	5.5X
CN2	13.24	344	eP	29 34.60	4.7X
WHN	13.94	272	eP	29 38.50	-0.2
BJI	14.65	311	eP	29 50.00	2.4
TIY	16.30	299	eP	30 08.50	0.5
XAN	18.45	285	eP	30 30.60	-1.7
LZH	22.74	290	P	31 14.50	-0.8
	0.8s	60.00nm		5.2mb	
CD2	22.95	276	P	31 17.00	-0.2
GTA	26.31	297	P	31 46.80	-1.8
CHG	31.07	254	eP	32 30.50	-0.5
IPM	38.34	232	ePc	33 33.50	0.6
	1.0s	38.80nm		5.0mb	
PKI	39.30	277	eP	33 41.40	0.3
	0.5s	5.00nm		4.4mb	
KKN	39.35	277	eP	33 42.50	1.2
	0.9s	6.00nm		4.2mb	
GBA	51.64	263	Pd	35 18.40	0.2
	0.8s	3.10nm		4.0mb	
KJF	67.69	333	iP	37 06.00	-1.0
	0.6s	17.00nm		5.0mb	
SUF	68.97	331	iP	37 14.40	-0.5
	0.8s	8.30nm		4.6mb	
NB2	75.79	334	P	37 53.60	-1.5
	0.6s	3.90nm		4.3mb	
CLL	81.25	326	iP	38 25.90	1.2
	0.9s	19.00nm		4.8mb	
KHC	82.36	324	P	38 31.40	0.8
GRF	83.17	325	eP	38 35.90	1.2
	0.9s	22.00nm		4.9mb	
KBA	83.80	322	iPd	38 38.50	0.4
	0.7s	8.90nm		4.6mb	
VOY	84.18	321	ePKP	38 39.60	-0.3

S.D. = 1.1 on 24 of 27 obs.

* DEC 12, 1985 07h 37m 44.96± 4.09s
24.757 N ± 9.5km 121.957 E ±37.3km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWC	0.18	214	IPc	37 48.50	-0.4
			eS	37 53.00	
TATO	0.48	297	eP	37 55.00	0.3
TWZ	0.48	315	IPc	37 54.30	-0.5
ANP	0.58	317	eP	37 57.00	0.2
TWD	0.75	206	IPc	38 00.00	0.4

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

& DEC 12, 1985 07h 43m 34.10s
35.540 N 116.850 W
DEPTH = 5.0km
CENTRAL CALIFORNIA (39)
<PAS-P>. ML 3.1 (PAS).

GSC	0.24	171	IPd	43 39.10	0.1
			eS	43 42.30	
SDW	0.95	191	iP	43 51.40	-1.3
SBB	1.17	224	iPd	43 55.20	-1.2
			eS	44 11.10	
ISA	1.33	276	IPc	43 57.70	-1.5
			iS	44 15.90	
ABL	2.06	251	eP	44 10.80	0.8
EUR	4.00	10	iP	44 39.20	1.6

6 obs. associated

? DEC 12, 1985 08h 02m 15.51± 8.45s
19.852 S ±26.5km 178.824 W ±74.9km
DEPTH = 519.0 ± 54.2 km
4.5mb (6 obs.)
FIJI ISLANDS REGION (181)

DZM	13.94	258	iPd	05 14.90	0.0
NOU	13.96	257	IPc	05 15.00	0.0
CAN	32.24	235	eP	07 55.80	-6.4X
WAM	32.63	233	eP	08 05.00	-0.4
CTA	32.79	264	IPc	08 07.20	0.3
	0.7s		10.96nm		4.5mb
ADE	40.28	239	IPc	09 09.40	0.8
WB2	43.91	262	eP	09 37.10	-0.5
ASPA	43.92	256	IPc	09 38.20	0.6
	0.6s		38.00nm		5.1mb
WRA	43.92	262	Pd	09 37.20	-0.4
	0.3s		1.50nm		4.0mb
MBL	57.15	257	IPc	11 14.30	-0.3
	0.4s		20.00nm		4.8mb
KLB	57.63	245	IPc	11 17.80	0.0
NWAO	57.97	243	eP	11 20.00	-0.1
	0.5s		5.00nm		4.1mb
RKG	58.08	242	eP	11 21.00	0.1
MRWA	59.38	247	eP	11 29.00	-0.7
NAU	60.85	255	eP	11 40.00	0.6
CHTO	89.30	290	iP	14 17.50	0.1
	0.5s		3.70nm		4.5mb
BNG	157.17	230	IPKPd	21 47.70	34.4X
	0.4s		9.00nm		

S.D. = 0.5 on 15 of 17 obs.

* DEC 12, 1985 08h 23m 26.57± 0.66s
14.389 N ±13.3km 93.032 W ±11.0km
DEPTH = 33.0km (normal)
4.4mb (13 obs.) 4.0Msz (1 obs.)
NEAR COAST OF CHIAPAS, MEXICO (69)

VHO	4.55	309	iP	24 36.00	0.9
UNM	7.67	311	eP	25 35.00	15.9X
TAC	7.72	311	eP	25 28.00	8.1X
OXM	8.03	308	eP	25 24.50	0.3
			i	26 42.00	
PIM	9.33	296	iP	25 41.30	-0.6
JCT	17.18	340	eP	27 30.00	4.2X
	1.2s		27.34nm		4.3mb
			e	30 36.00	
LTX	17.83	328	eP	27 35.00	1.0
	1.5s		64.57nm		4.5mb
BHO	19.97	356	eP	28 03.00	4.0X
	0.8s		5.40nm		3.9mb
BOG	21.05	116	eP	28 13.00	2.3
			eS	32 19.00	
QZO	21.20	346	eP	28 10.50	-1.2
TUL	21.57	354	eP	28 16.20	0.8
	0.9s		27.10nm		4.7mb
	Z 22s		0.69um		4.0Msz
			e	32 24.50	
RSCP	22.16	16	e(P)	28 28.30	7.0X
ACO	22.88	347	eP	28 34.70	6.3X
	0.8s		8.30nm		4.3mb
ALO	23.78	332	eP	28 38.20	0.9
	0.9s		3.99nm		3.9mb
GOL	27.45	339	eP	29 11.80	0.0
	0.7s		1.70nm		3.8mb
BDW	31.67	336	eP	29 49.10	-0.3
	0.9s		1.54nm		3.9mb
EUR	32.11	325	IP	29 54.00	0.7
	0.7s		2.62nm		4.2mb
LRM	35.35	336	eP	30 21.90	0.6
RSON	36.38	359	eP	30 29.10	-0.4
EDM	41.95	342	ePc	31 15.50	-0.4
YKC	50.38	347	ePc	32 22.00	-0.4
	0.7s		18.00nm		5.2mb
RSNT	50.41	347	eP	32 22.00	-0.6
	0.7s		10.50nm		4.9mb
YKA	50.42	347	eP	32 22.70	0.0
BAO	53.59	122	e(P)	32 46.10	-1.1
SOB1	56.77	111	eP	33 09.40	-0.9
			e	33 17.90	
			e	33 21.50	
			e	33 25.40	
			e	33 35.60	
INK	59.79	344	eP	33 30.00	-0.5
COL	62.49	337	eP	33 47.00	-1.9
	0.9s		6.30nm		4.7mb
MBC	63.41	353	eP	33 55.00	0.2
	0.5s		6.00nm		5.0mb
KIC	86.80	84	eP	36 10.10	0.6
BDT	146.40	339	ePKP	43 05.00	-0.3
GBA	150.63	19	PKPd	43 17.80	5.9X
	0.6s		4.10nm		

S.D. = 0.9 on 24 of 31 obs.

& DEC 12, 1985 08h 54m 55.74s
60.034 N 153.001 W
DEPTH = 105.9km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.17	32	iP	55 10.63	1.4
			iS	55 22.13	
RDT	0.62	28	iP	55 13.04	-0.3
			iS	55 25.92	
NNL	0.86	89	iP	55 15.71	0.3
BRLK	1.10	103	iP	55 17.52	-0.5
			iS	55 33.91	
NKA	1.13	50	iP	55 19.38	1.1
SPU	1.24	22	iP	55 19.07	-0.6
			iS	55 37.62	
SLKM	1.46	70	iP	55 20.95	-1.3
SEW	1.78	86	iP	55 24.49	-1.7
SUA	1.81	37	iP	55 26.19	-0.6
MPA	1.87	74	iP	55 26.02	-1.3
			eS	55 48.67	
SKT	2.08	20	iP	55 29.11	-1.0
PMS	2.09	53	iP	55 28.82	-1.4
PTE	2.14	65	iP	55 28.87	-2.0
			iS	55 54.99	
PWA	2.23	42	iP	55 30.87	-1.1
KDC	2.31	173	iP	55 31.10	-1.9
			iS	55 58.38	
PWL	2.46	68	iP	55 32.47	-2.6
PLRM	2.46	49	eP	55 32.64	-2.4
			iS	56 01.60	
PME	2.52	49	eP	55 33.64	-2.2
GHO	2.65	47	iP	55 35.45	-2.2
SML	2.89	50	iP	55 38.46	-2.5
TTA	3.25	335	iP	55 44.22	-1.6
HIN	3.26	81	iP	55 43.40	-2.6
SCM	3.31	54	iP	55 43.83	-2.8
KLU	3.77	64	iP	55 49.88	-3.0
SGAM	3.91	80	iP	55 52.75	-2.0
TOA	3.91	55	iP	55 52.62	-2.3
GLB	4.73	69	iP	56 02.67	-3.3
COL	5.45	24	iP	56 13.20	-2.7
CTGM	5.84	76	iP	56 19.34	-2.1

29 obs. associated

* DEC 12, 1985 09h 15m 24.97± 0.83s
37.730 N ±16.8km 72.236 E ±22.6km
DEPTH = 33.0km (normal)
4.4mb (4 obs.)
TAJIK SSR (715)

NDI	9.94	154	eP	17 48.50	0.0
			eS	19 35.00	
KKN	14.77	128	eP	18 53.80	0.3
	0.4s		7.00nm		4.4mb
DMN	14.79	129	eP	18 53.40	-0.4
	0.4s		15.00nm		4.7mb
PKI	15.01	129	eP	18 56.80	0.1
	0.4s		7.00nm		4.3mb
HFS	42.72	321	eP	23 20.30	0.1
	0.5s		2.80nm		4.2mb
MBC	66.06	3	eP	26 10.00	-0.1
YKA	79.97	3	eP	27 31.80	0.0

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

DEC 12, 1985 10h 26m 40.53± 1.02s
44.546 N ± 4.4km 113.053 W ±15.4km
DEPTH = 5.0km (geophysicist)
EASTERN IDAHO (457)
ML 3.0 (NEIS).

CCMT	0.39	19	IPc	26 48.40	0.0
HPI	0.84	182	eP	26 57.50	0.1
LRM	1.34	18	iPd	27 05.70	-0.3
TMI	1.49	146	eP	27 08.00	-0.2
BUT	1.51	13	ePn	27 08.80	0.4
			eSn	27 28.30	
LCCM	1.54	32	ePn	27 08.20	-0.6
IMW	1.65	112	eP	27 10.50	-0.1
SXM	2.06	38	ePn	27 17.60	1.1
HRY	2.33	21	ePn	27 19.70	-0.5

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

* DEC 12, 1985 10h 47m 33.03± 1.03s
41.279 N ±17.4km 20.086 E ±24.7km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 3.5 (TTG).

ULC	0.93	318	ePg	47 50.00	-0.8
			eSg	48 07.50	
TTG	1.30	332	ePg	47 55.00	-2.1
			eSg	48 13.00	
BDV	1.38	317	ePn	48 00.00	1.8
			eSn	48 22.10	
KZN	1.61	127	ePn	48 01.50	-0.1
			eSn	48 26.10	
HCY	1.66	315	ePn	48 05.00	2.7X
			eSn	48 29.60	
NKY	1.73	332	ePn	48 05.50	2.0
			eSn	48 31.30	
BRY	1.99	325	ePn	48 09.50	2.4X
			eSn	48 37.50	
PLE	2.11	346	ePn	48 12.00	3.0X
			eSn	48 40.50	
VLS	3.12	173	ePn	48 23.00	-0.2
VOY	6.54	319	ePn	49 11.00	-0.7
			eSn	50 27.00	

S.D. = 1.8 on 7 of 10 obs.

% DEC 12, 1985 11h 14m 10.48± 2.22s
42.304 N ±10.7km 19.963 E ±14.5km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.7 (TTG).

PVY	0.29	2	iPg	14 16.50	-0.1
			eSg	14 21.70	
TTG	0.54	284	ePg	14 20.60	-0.7
			iSg	14 30.00	
ULC	0.63	238	ePg	14 23.00	-0.2
			eSg	14 33.50	
BDV	0.84	269	ePg	14 27.00	0.3
			eSg	14 42.50	
NKY	0.88	306	ePg	14 27.70	0.3
			eSg	14 42.50	
HCY	1.09	278	ePg	14 31.50	0.5
			eSg	14 48.50	
BRY	1.21	300	ePg	14 33.00	0.0
			eSg	14 52.20	

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

DEC 12, 1985 11h 22m 32.19± 1.03s
22.354 S ± 7.0km 177.751 W ± 7.8km
DEPTH = 327.9 ± 10.5 km
4.5mb (9 obs.)
SOUTH OF FIJI ISLANDS (171)

12d 11h

NDF	6.42	315	ePc	24	07.60	-0.3
CRZ	14.68	213	P	25	49.00	2.0
KRP	16.56	199	P	26	07.00	0.0
GNZ	16.64	192	P	26	06.00	-1.8
			S	29	02.00	
CTA	33.58	267	IPc	28	45.00	0.7
	0.7s	13.70nm			4.5mb	
WB2	44.59	264	eP	30	13.80	-0.8
WRA	44.60	264	Pc	30	14.10	-0.6
	0.6s	3.50nm			3.8mb	
WBN	50.56	254	IPc	31	01.20	0.6
NAU	61.18	256	eP	32	15.00	-0.3
PRS	79.00	43	e(P)	34	01.90	0.3
GCC	79.04	42	e(P)	34	01.90	0.1
PRI	79.33	44	eP	34	03.90	0.4
NWRM	79.39	41	P	34	03.70	0.1
BKS	79.42	42	ePc	34	04.20	0.4
	0.7s	22.00nm			5.1mb	
MHC	79.45	42	e(P)	34	04.30	0.1
ABL	79.49	46	P	34	04.80	0.2
ARN	79.53	42	P	34	04.90	0.5
PLM	80.21	48	eP	34	08.00	-0.3
GAS	80.26	40	P	34	09.30	1.0
SBB	80.32	46	eP	34	08.00	-0.7
ISA	80.47	45	eP	34	09.00	-0.4
JAS1	80.58	42	eP	34	09.60	-0.3
ORV	80.92	41	eP	34	11.50	-0.1
WDC	80.95	39	eP	34	12.00	0.3
CWC	81.18	45	eP	34	13.00	-0.3
TPC	81.19	48	eP	34	13.00	-0.2
MIN	81.35	40	eP	34	13.50	-0.6
GSC	81.36	46	eP	34	14.00	-0.1
GLA	81.45	49	eP	34	15.00	0.4
LBFM	81.82	39	P	34	17.00	0.5
WCN	81.83	42	P	34	17.30	0.7
MNA	82.33	43	eP	34	01.80	-17.2X
BMN	84.07	42	P	34	28.10	0.3
	0.6s	3.24nm			4.3mb	
EUR	84.30	43	iP	34	29.00	-0.1
	0.2s	7.82nm			5.2mb	
LTX	87.86	57	eP	34	46.90	0.5
	0.7s	2.71nm			4.3mb	
PNT	88.06	34	IPd	34	46.50	-0.3
	0.8s	16.00nm			5.0mb	
ALQ	88.38	51	eP	34	48.80	-0.1
	0.8s	2.80nm			4.2mb	
BDW	90.15	43	eP	34	56.00	-0.9
	1.0s	6.00nm			4.5mb	
YKA	98.09	25	eP	35	32.00	-0.4
SOB1	127.36	122	ePKP	41	00.50	0.0
HFS	141.40	351	ePKP	41	16.90	-8.4X
	0.4s	1.80nm				
EDU	145.65	5	ePKP	41	32.20	-0.4
	0.6s	16.00nm				
ELO	145.64	6	ePKPc	41	32.40	-0.3
EAB	145.86	7	ePKP	41	31.60	-1.4
EAU	146.29	6	ePKPc	41	34.80	1.0
ESY	146.29	5	ePKP	41	32.50	-1.2
EBL	146.39	5	ePKP	41	34.20	0.3
	0.6s	11.00nm				
EKA	146.82	6	PKP	41	36.00	1.4
	0.9s	9.00nm				
CLL	149.91	346	iPKPd	41	44.50	5.0X
	0.9s	19.00nm				
BRG	150.18	345	iPKP	41	44.80	4.9X
	0.8s	14.00nm				
PRU	150.77	344	PKP	41	46.60	5.7X
MOX	150.82	348	ePKP	41	47.00	6.0X
MEM	151.65	355	PKP	41	48.40	6.3X
KHC	151.81	344	PKP	41	49.00	6.5X
DOU	152.23	357	PKP	41	49.80	6.8X
FLN	153.56	4	ePKP	41	52.30	7.4X
	0.3s	4.20nm				
CDF	153.69	352	ePKP	41	53.00	7.8X
LDF	153.75	4	ePKP	41	52.60	7.4X
GRR	153.90	5	ePKP	41	53.30	7.9X
LPF	154.24	5	ePKP	41	54.00	8.2X
	0.5s	5.80nm				
LOR	155.11	357	ePKP	41	56.10	9.0X
MFF	155.73	4	ePKP	41	57.20	9.3X
	S.D. = 0.7	on	46 of	62	obs.	

? DEC 12, 1985 11h 57m 31.17± 1.03s
27.848 N ±17.4km 140.530 E ±16.0km
DEPTH = 33.0km (normal)
4.9mb (2 obs.)
BONIN ISLANDS REGION (212)

CBI	1.65	117	eP	57	57.00	-1.2
			eS	58	23.00	
MAT	8.89	348	eP	59	41.00	0.7
	0.9s	13.45nm			5.1mb	
			eS	01	40.00	
SSE	17.15	286	e(P)	01	28.00	-1.9
			eS	04	52.00	
DL2	19.22	310	eP	02	00.00	4.8X
BJI	23.50	307	eP	02	40.00	1.2
			eS	06	49.00	
			eSS	07	39.00	
TIY	25.51	300	eP	02	57.60	-0.7
GTA	35.53	300	eP	04	22.00	-5.3X
WB2	47.88	188	eP	06	10.00	1.9
WRA	47.89	188	P	06	14.00	5.9X
	0.9s	8.60nm			4.8mb	
	S.D. = 1.9	on	6 of	9	obs.	

* DEC 12, 1985 12h 27m 53.18± 1.00s
38.879 N ±10.2km 25.725 E ±10.0km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

PRK	0.56	49	IPgc	28	05.80	1.2
			iSg	28	18.90	
EZN	1.05	26	IPn	28	12.70	-0.3
IZM	1.30	111	iPn	28	16.70	-0.5
ATH	1.82	241	ePn	28	25.00	0.3
EDC	2.21	48	ePn	28	31.00	0.6
DMK	3.32	27	ePn	28	45.00	-1.3
	S.D. = 1.1	on	6 of	6	obs.	

DEC 12, 1985 12h 38m 59.51± 1.29s
6.722 S ± 5.8km 108.175 E ± 7.2km
DEPTH = 251.1 ± 14.9 km
5.0mb (22 obs.)
JAVA (277)

PCI	12.99	64	eP	41	57.60	1.2
	0.7s	4.50nm			3.8mb	X
IPM	13.30	327	iPd	42	01.00	0.6
	0.7s	154.80nm			5.4mb	
			e	42	34.10	
SNG	15.73	331	eP	42	30.00	0.1
NAU	17.24	157	eP	42	46.00	-0.4
	0.5s	38.00nm			5.1mb	
			eS	45	56.00	
MBL	18.26	143	eP	42	56.00	-1.0
	0.8s	62.00nm			5.2mb	
			eS	46	14.00	
AAI	20.16	82	eP	43	14.20	-2.1
NNT	20.94	336	eP	43	25.00	1.1
KNA	22.08	116	IPd	43	34.70	-0.3
	0.6s	77.00nm			5.4mb	
MEK	22.11	155	IPc	43	35.90	0.7
	0.5s	91.00nm			5.6mb	
			eS	47	53.00	
KHT	23.38	336	eP	43	48.30	0.8
MRWA	23.56	163	eP	43	49.00	-0.1
	0.6s	10.00nm			4.5mb	
			eS	48	23.00	
BAL	25.07	162	eP	44	02.70	-0.3
WBN	26.09	140	iPd	44	12.80	0.5
MUN	26.22	164	eP	44	13.00	-0.4
	0.8s	42.00nm			5.1mb	
KLB	26.32	161	IPd	44	14.70	0.4
	0.5s	27.00nm			5.1mb	
CHG	26.96	340	IPc	44	20.00	-0.2
	0.6s	14.67nm			4.8mb	
KLG	26.98	154	iPd	44	19.50	-0.8
	0.4s	89.00nm			5.7mb	
NWAO	27.40	163	iPd	44	23.60	-0.4
	0.7s	21.00nm			4.9mb	
	Z 20s	0.15um			3.6Msz	
RKG	28.41	164	eP	44	37.00	3.9X
	0.4s	11.00nm			4.8mb	
WRA	28.59	120	Pc	44	33.00	-1.8
	0.6s	11.80nm			4.7mb	
WB2	28.60	120	IPd	44	33.90	-1.0
			e	45	18.00	
ASP	29.91	127	IPd	44	46.30	-0.1
	0.6s	143.00nm			5.8mb	
			e	47	54.00	
			eS	54	40.00	
ISO	33.42	118	eP	45	16.00	-0.9
KOD	34.91	299	eP	45	30.00	0.3
HYB	37.84	310	eP	45	52.80	-1.2

CTA	39.24	114	IPd	46	05.80	0.3
	0.9s	25.21nm			4.7mb	
ADE	39.74	139	IPd	46	10.50	1.0
	0.7s	43.84nm			5.0mb	
STK	39.97	133	IPd	46	12.20	0.8
	0.4s	130.00nm			5.7mb	
XAN	40.54	1	eP	46	16.60	0.6
PKI	40.58	328	IPc	46	16.10	-0.7
	0.6s	12.00nm			4.5mb	
DMN	40.77	328	IPc	46	17.80	-0.5
	0.6s	44.00nm			5.1mb	
KKN	40.83	328	IPc	46	18.00	-0.7
	0.8s	43.00nm			4.9mb	
POO	42.14	307	eP	46	29.00	-0.3
BFD	43.55	139	eP	46	41.00	0.6
YOU	46.11	132	IPd	47	01.40	0.7
NDI	46.14	321	IPd	46	59.00	-2.0
	0.8s	22.39nm			4.5mb	
GTA	46.55	351	P	47	04.80	0.6
BRS	47.00	121	iPd	47	08.30	0.5
CAN	47.04	133	eP	47	08.60	0.6
TAU	49.85	143	IPd	47	30.60	1.3
MSZ	63.99	137	P	49	09.50	1.2
BUL	77.94	251	IPc	50	33.10	1.1
	0.9s	5.04nm			4.2mb	
BNG	90.14	274	IPd	51	21.40	-11.7X
	0.4s	6.00nm				
JCT	144.68	44	iPKP	58	09.00	0.6
	0.9s	37.82nm				
SOB1	145.35	243	ePKP	58	12.00	2.0X
			e	58	19.00	
			i	59	10.80	
BAO	147.58	227	iPKPc	58	18.70	5.1X
TPZ	151.35	192	PKP	58	29.70	10.1X
	S.D. = 0.9	on	42 of	47	obs.	

* DEC 12, 1985 12h 43m 19.77± 1.22s
6.831 S ±12.1km 145.774 E ±10.4km
DEPTH = 26.1 ± 14.9 km
4.2mb (1 obs.)
PAPUA NEW GUINEA (202)

MDG	1.57	0	iPc	43	46.50	0.3
PMG	2.90	152	eP	44	03.00	-2.3
LMG	3.13	131	eP	44	09.00	0.3
WEW	3.89	327	eP	44	27.00	7.7X
TZZ	4.79	289	eP	44	31.00	-1.1
ALOA	5.71	127	eP	44	46.00	0.9
TLE	13.00	275	IPd	45	34.80	-50.8X
HNR	14.27	101	eP	46	38.00	-4.2X
WB2	17.11	219	eP	47	19.80	0.9
WRA	17.12	219	Pc	47	19.80	0.8
	0.7s	14.70nm			4.2mb	
COL	86.42	23	eP	56	01.00	0.1
	S.D. = 1.5	on	8 of	11	obs.	

? DEC 12, 1985 13h 56m 55.69± 6.36s
41.564 N ±38.7km 23.714 E ±24.7km
DEPTH = 10.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)

SRS	0.46	192	ePg	57	05.00	0.0
			eSg	57	12.70	
KNT	0.73	237	ePg	57	09.70	-0.4
			eSg	57	21.30	
SOH	0.79	200	ePg	57	11.10	0.0
			eSg	57	23.20	
GRG	1.16	239	iPg	57	17.80	0.4
			eSg	57	35.40	
OUR	1.25	171	ePg	57	18.80	0.0
			eSg	57	35.90	
	S.D. = 0.4	on	5 of	5	obs.	

? DEC 12, 1985 15h 15m 44.00± 6.85s
32.403 S ±39.4km 179.734 W ±33.3km
DEPTH = 103.7 ± 52.3 km
4.5mb (3 obs.)
SOUTH OF KERMADEC ISLANDS (179)

GNZ	6.49	206	eP	17	19.00	0.5
			S	18	29.00	
KRP	6.73	214	P	17	29.00	7.2X
WEL	9.90	205	P	18	04.00	-0.8
			S	19	46.00	
CTA	32.74	284	IPd	22	10.10	1.2
	0.9s	6.72nm			4.4mb	
WB^	42.73	275	eP	23	32.20	-0.4

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WRA     42.74 275 Pd     23 32.20  -0.8
        0.5s      4.80nm          4.6mb
SPA     57.77 180 iPd    25 27.00   0.7
        1.0s      5.00nm          4.5mb
SOB1   122.96 129 e(PKP)34 30.00  -0.1
SUF    145.49 339 ePKP   35 10.00  -0.5
NB2    150.47 349 PKP    35 23.40   4.9X
        0.9s      3.40nm
      S.D. = 0.9  on   8 of  10 obs.

&  DEC  12, 1985  15h 27m 56.49s
   59.878 N          153.412 W
   DEPTH = 131.2km
 SOUTHERN ALASKA                  (  2)
      <AGS-P>.

ILM     0.43  44 iP     28 14.82  -0.8
                iS     28 30.25
RDT     0.86  35 iP     28 18.04  -0.6
NNL     1.08  80 iP     28 20.85   0.3
BRLK    1.28  94 iP     28 21.85  -0.8
                iS     28 41.96
NKA     1.39  50 eP     28 24.73   1.0
                iS     28 45.08
SPU     1.47  27 iP     28 24.09  -0.7
                iS     28 46.77
CRP     1.53  23 iP     28 25.12  -0.4
                iS     28 48.60
SVW     1.65 319 iP     28 24.83  -2.0
SLKM    1.71  67 eP     28 26.67  -0.9
SEW     2.00  82 iP     28 30.06  -0.9
                iS     28 56.09
SUA     2.06  38 eP     28 31.18  -0.7
                eS     28 58.40
MPA     2.12  71 iP     28 31.72  -0.6
SKT     2.30  23 iP     28 33.84  -0.9
                iS     29 02.74
PTE     2.39  64 eP     28 34.24  -1.6
PWA     2.48  43 eP     28 35.40  -1.6
PWL     2.71  66 eP     28 37.85  -2.1
GHO     2.91  47 iP     28 34.07  -8.5
SML     3.15  50 eP     28 43.22  -2.6
SCM     3.56  54 eP     28 50.77  -0.5
KLU     4.02  63 eP     28 55.07  -2.4
GLB     4.98  68 eP     29 08.73  -1.5
       21 obs. associated

*  DEC  12, 1985  16h 18m 27.01± 0.67s
   14.474 N ±11.3km   93.051 W ± 9.0km
   DEPTH =  33.0km  (normal)
   4.7mb ( 20 obs.)  4.0Msz (  1 obs.)
 NEAR COAST OF CHIAPAS, MEXICO    ( 69)

VHO     4.48 308 iP     19 33.00  -1.6
TPM     7.30 309 iP     20 14.80   0.6
                iS     21 37.00
TAC     7.65 311 eP     20 16.50  -2.8
OXM     7.96 308 iP     20 23.00  -0.7
JCT    17.10 340 eP     22 26.50   1.3
        1.1s     34.81nm          4.4mb
LTX    17.75 328 P      22 35.30   1.9
        0.9s     19.66nm          4.2mb
CHN    19.59 117 eP     22 59.50   3.8X
BHO    19.89 356 eP     23 02.20   3.7X
        1.0s     22.60nm          4.4mb
OLY    20.99   4 P      23 13.30   3.4X
BOG    21.11 116 eP     23 14.00   2.3
OZO    21.11 346 eP     23 08.90  -2.3
OCO    21.33 350 eP     23 16.30   2.8X
TUL    21.49 354 eP     23 16.10   1.1
        1.2s     61.40nm          4.9mb
     Z  20s      0.63um           4.0Msz
POW    21.65   4 P      23 15.70  -0.9
PRM    21.79  24 P      23 25.70   7.7X
RSCP   22.08  16 P      23 31.00  10.0X
        0.9s     12.71nm
JSC    22.42  26 P      23 24.30   0.1
LHS    22.78  27 P      23 27.80   0.0
FVM    23.53   5 P      23 34.00  -1.1
ALQ    23.69 332 eP     23 38.40   1.5
        0.8s      6.16nm          4.2mb
GFM    23.79  23 P      23 38.60   0.8
GOL    27.36 339 P      24 11.90   0.5
        0.9s      9.47nm          4.4mb
DAU    30.35 332 P      24 38.80   0.5
BDW    31.59 336 P      24 49.00  -0.1
        0.9s      2.99nm          4.1mb

EUR    32.03 325 iP     24 54.20   1.1
        0.2s     11.16nm          5.4mb
MNA    32.58 322 P      24 59.40   1.6
TMI    32.98 334 P      25 02.20   1.0
IMW    33.07 336 P      25 02.70   0.6
BMN    33.38 325 P      25 05.80   1.1
HPI    33.81 333 P      25 10.00   1.5
GAS    34.13 320 P      25 30.30   2.1
RSON   34.29 359 P      25 27.80  -1.4
        0.8s     10.56nm          4.8mb
LBFM   34.65 323 P      25 33.00   0.4
SES    34.69 342 ePc    25 49.80   0.3
NEW    35.13 334 P      25 53.80   0.7
        0.7s      1.50nm          3.9mb
LON    40.16 329 P      26 02.80   1.1
FFC    40.76 352 eP     26 06.00  -0.5
        0.6s      3.00nm          4.2mb
PNT    40.99 334 eP     26 09.00   0.5
        0.7s      9.00nm          4.6mb
EDM    41.86 342 iP     26 15.50  -0.1
YKC    50.30 347 ePc    27 21.50  -0.7
        0.8s     32.00nm          5.4mb
RSNT   50.32 347 P      27 22.10  -0.2
        0.8s     29.93nm          5.4mb
YKA    50.34 347 eP     27 22.50   0.0
FRB    52.09  14 eP     27 35.00  -0.7
BAO    53.65 122 e(P)   27 33.90 -14.2X
                e      27 46.10
SOB1   56.82 111 eP     28 09.30  -1.8
                e      28 10.90
                e      28 17.80
INK    59.70 344 iPc    28 29.60  -0.8
COL    62.41 337 eP     28 47.00  -1.8
        0.9s      9.24nm          4.9mb
FBA    62.41 337 P      28 47.90  -0.9
        0.8s      8.62nm          4.9mb
MBC    63.32 353 eP     28 54.00  -0.6
        0.8s     21.00nm          5.3mb
TTA    65.02 333 P      29 04.60  -1.4
        0.9s      6.25nm          4.7mb
ALE    69.17   4 eP     29 30.50  -1.3
        0.8s     11.00nm          5.0mb
NB2    84.22  28 P      30 56.10  -0.2
        0.8s      3.30nm          4.6mb
KIC    86.81  84 eP     31 09.70  -0.3
KHC    89.70  39 P      31 24.80   1.5
WB2   134.51 256 ePKP   37 45.20   0.7
KKN   137.96   2 ePKP   37 50.80  -0.3
        0.8s     11 00nm
PKI   138.18   2 ePKP   37 48.20  -3.5X
        0.8s      5.00nm
LOE   145.13 335 ePKP   38 01.00  -2.6
BDT   146.31 339 iPKPd  38 04.80  -0.8
HYB   147.25  15 ePKP   38 08.50   1.3
        1.0s     35.00nm
NNT   150.28 334 ePKP   38 16.50   4.6X
GBA   150.56  19 PKPc   38 16.90   4.6X
        0.8s     11.70nm
      S.D. = 1.3  on  52 of  62 obs.

   DEC  12, 1985  17h 32m 36.62± 0.47s
    1.754 S ± 3.3km    77.817 W ± 4.5km
   DEPTH = 162.0 ±  4.5 km
   4.7mb ( 33 obs.)
 ECUADOR                          (107)

OUR     1.73 336 P      33 10.50   0.2
PSO     2.97  10 eP     33 25.50   0.5
CHN     7.03  18 eP     34 29.00  10.7X
BOG     7.36  31 eP     34 24.00   1.1
FUQ     8.25  30 eP     34 39.00   4.3X
BMG     9.96  28 eP     34 55.50  -1.6
NNA    10.21 175 eP     34 59.20  -1.1
        0.6s      8.67nm          4.5mb
                eS     38 27.00
PT02   11.20 173 iP     35 12.50  -0.7
PT06   12.09 173 iP     35 26.50   1.8
SDV    12.77  34 eP     35 34.10   0.4
        0.4s     18.50nm          4.9mb
CAR    16.30  41 eP     36 18.20   0.2
ZOBO   17.30 147 P      36 29.50  -1.0
        0.5s      9.09nm          4.4mb
LPB    17.53 147 eP     36 33.00  -0.1
                (S)    39 40.00
CNCB   17.82 148 P      36 38.00   1.5
CCH    19.31 144 eP     36 52.70   0.7
TPZ    22.87 150 P      37 25.00  -2.3

                i      37 31.00
ATB    25.61  94 Pd     37 58.80  -2.6
SLA    25.76 153 ePd    37 56.20   2.0
BAO    32.48 117 Pc     38 54.30   0.2
                e      39 00.30
SOB1   37.46 103 ePc    39 36.30   0.0
                e      39 54.20
                e      41 04.50
GFM    37.85 355 P      39 39.10  -0.4
JCT    38.30 329 eP     39 43.50   0.4
        1.1s     11.39nm          4.5mb
CVL    39.54 359 P      39 53.60   0.4
LTX    39.59 323 P      39 54.40   0.5
        0.7s      1.94nm          3.9mb
ITR    39.81 102 iPc    39 55.00  -0.8
                i      40 01.20
                e      42 36.80
CAI    40.83  98 eP     40 03.00  -1.2
OZO    41.66 333 eP     40 08.70  -2.0
TBR    42.82   4 P      40 20.40   0.5
ALQ    45.30 326 eP     40 40.80   0.6
        0.8s     12.50nm          4.5mb
                epP    41 19.00 173kmX
SKLY   45.62   4 P      40 42.60   0.4
RSNY   46.19   3 P      40 46.90   0.1
        0.7s     11.67nm          4.6mb
BNH    46.51   6 P      40 50.00   0.6
MIM    47.44   8 P      40 57.20   0.6
GOL    48.37 331 P      41 04.10  -0.1
        0.6s      2.06nm          4.0mb
MSU    51.06 325 P      41 24.80   0.1
SDW    51.60 318 P      41 28.80   0.1
DAU    51.89 328 P      41 31.10   0.1
DUG    52.58 326 P      41 35.90   0.0
        0.6s      3.29nm          4.3mb
BDW    52.75 331 P      41 36.40  -0.8
        0.6s      1.65nm          4.0mb
ABL    53.18 317 P      41 40.00  -0.4
BLP    53.83 316 P      41 44.40  -0.5
BCH    53.95 317 P      41 46.20   0.2
RSON   54.14 348 P      41 44.10  -2.9
        0.5s      2.86nm          4.3mb
IMW    54.26 331 P      41 47.40  -0.9
MNA    54.58 321 P      41 50.60   0.0
HPI    55.20 329 P      41 55.40   0.3
BMN    55.26 324 P      41 55.10  -0.3
WCN    56.11 321 P      42 20.80  19.2X
SCH    57.11   8 ePd    42 11.50   3.4X
ORV    57.35 321 P      42 10.30   0.2
GAS    58.18 320 P      42 16.50   0.5
LBFM   58.62 322 P      42 18.60  -0.6
NEW    60.38 331 P      42 30.00  -0.9
        0.8s      1.76nm          4.0mb
PNT    62.31 330 eP     42 44.00   0.3
        0.9s     12.00nm          4.8mb
BFW    62.42 326 P      42 44.60   0.0
KIC    73.39  83 eP     43 52.10  -1.1
                e      44 37.90
INK    79.56 342 eP     44 27.00   0.5
LPF    82.48  41 eP     44 42.20   0.0
EPF    82.55  46 eP     44 43.30   0.6
GRR    82.66  41 iPc    44 43.30   0.2
        0.7s      9.70nm          4.7mb
MFF    82.81  43 eP     44 44.10   0.1
        0.8s     13.40nm          4.8mb
FLN    82.98  41 iPc    44 45.10   0.3
        0.7s     18.50nm          5.0mb
LFF    83.14  45 eP     44 46.00   0.4
        0.7s     15.40nm          4.9mb
LDF    83.18  41 eP     44 46.00   0.2
        0.7s      9.70nm          4.7mb
LPO    83.41  45 iPc    44 47.40   0.3
        0.9s     24.20nm          5.0mb
RJF    83.74  44 eP     44 48.90   0.2
        0.9s     17.60nm          4.9mb
LSF    83.90  43 eP     44 49.60   0.1
        0.7s     14.30nm          4.9mb
CAF    84.07  45 eP     44 50.50   0.1
        0.9s     18.60nm          4.9mb
TCF    84.37  43 eP     44 51.90   0.0
        0.7s     14.30nm          4.9mb
MZF    84.61  43 iPc    44 53.20   0.1
        0.7s     13.60nm          4.9mb
BGF    84.84  43 eP     44 54.60   0.4
        1.0s     32.00nm          5.1mb
GRC    85.10  42 iPd    44 55.50   0.1
AVF    85.22  43 eP     44 55.80  -0.2
```

12d 17h

	0.8s	8.50nm		4.6mb	
SSF	85.36	43 eP	44 56.60	-0.2	
SMF	85.53	43 eP	44 57.50	-0.1	
	1.1s	19.50nm		4.8mb	
LOR	85.63	43 eP	44 57.90	-0.2	
	0.7s	5.90nm		4.5mb	
DOU	86.46	40 P	45 02.40	0.3	
	0.8s	30.00nm		5.2mb	
CDR	86.55	46 ePc	45 03.20	0.5	
FRF	87.18	46 eP	45 05.90	0.2	
	0.6s	6.10nm		4.7mb	
ENN	87.38	39 iPd	45 07.20	0.8	
HAU	87.38	42 eP	45 05.90	-0.7	
WLF	87.41	40 P	45 07.00	0.4	
MEM	87.42	39 P	45 07.30	0.7	
LPG	87.42	44 eP	45 06.90	-0.3	
BSF	87.66	42 eP	45 07.70	-0.3	
CDF	88.04	42 eP	45 09.80	0.0	
	0.6s	9.00nm		4.9mb	
WTS	88.05	38 ePd	45 11.00	1.4	
	0.8s	31.00nm		5.3mb	
SPA	88.26	180 iPc	45 11.80	1.2	
	1.0s	17.50nm		5.0mb	
WB2	141.78	234 ePKP	51 45.00	-6.5X	
WRA	141.79	234 PKP	51 46.00	-5.5X	
	0.9s	2.60nm			
KKN	149.47	30 ePKP	52 09.10	4.8X	
	0.6s	22.00nm			
DMN	149.53	31 ePKP	52 09.40	5.0X	
	0.6s	10.00nm			
PKI	149.72	31 ePKP	52 09.50	4.7X	
	0.7s	15.00nm			
MBL	151.42	216 ePKP	52 12.00	5.0X	
HYB	152.05	55 ePKP	52 24.40	16.3X	
	1.0s	25.00nm			
NAU	152.58	208 ePKP	52 15.50	6.9X	
GBA	152.84	63 PKPc	52 26.80	17.6X	
	0.7s	4.60nm			
	S.D. = 0.8	on 84 of 97 obs.			

* DEC 12, 1985 17h 48m 42.92± 1.27s
30.741 S ±15.7km 69.574 W ±20.3km
DEPTH = 150.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)

RTCB	1.00	138 ePd	49 09.30	1.3	
		S	49 29.00		
CFA	1.43	127 ePc	49 10.50	-1.6	
		S	49 37.60		
VCA	2.32	31 ePc	49 22.70	0.2	
		S	49 52.00		
ROCH	2.54	208 eP	49 24.30	-0.9	
		e(S)	49 54.00		
BACH	2.72	196 iPc	49 28.70	1.4	
PCH	2.98	195 eP	49 31.70	1.0	
TACH	3.13	201 eP	49 31.50	-0.9	
CHCH	3.31	196 iP	49 35.80	0.9	
LNV	3.56	205 iP	49 36.80	-1.3	
	S.D. = 1.4	on 9 of 9 obs.			

DEC 12, 1985 19h 01m 19.89± 0.23s
20.615 N ± 2.2km 155.762 W ± 3.5km
DEPTH = 33.0km (normal)
4.3mb (3 obs.)
HAWAII (613)
ML 4.5 (HVO). Felt (V) at Makowao and (IV) at Kahului, Maui. Felt (IV) at Hawi, Honounau, Kamuela, Papaaloo, Papaikou and Volcano, Hawaii. Also felt on Molokai and Oahu.

HLK	0.48	288 iP	01 31.65	1.2	
		eS	01 38.65		
KOH	0.48	182 iPd	01 31.57	1.2	
		iS	01 37.00		
WKH	0.76	173 iPd	01 34.97	0.7	
		iS	01 44.24		
[illegible]	0.82	151 iPd	01 35.90	0.7	
		eS	01 45.33		
HPU	0.88	161 iPd	01 36.43	0.2	
HUH	0.93	184 iPd	01 37.40	0.6	
HMH	1.04	165 iPd	01 38.67	0.2	
		iS	01 50.23		
WOB	1.08	171 iPd	01 39.63	0	
HIL	1.09	144 iPd	01 39.05	0.1	
		eS	01 51.85		
KIH	1.10	180 iPd	01 39.83	0.6	
		eS	01 52.13		
PLL	1.11	165 iPd	01 39.73	0.2	
CPH	1.13	187 iPd	01 39.40	-0.1	
MWH	1.13	172 iPd	01 39.87	0.3	
WIH	1.15	172 iPd	01 40.07	-0.2	
SWH	1.16	173 iPd	01 39.97	-0.4	
MLH	1.17	162 iPd	01 40.33	0.1	
		eS	01 53.33		
TRH	1.21	170 iPd	01 40.87	-0.1	
MLX	1.21	161 iPd	01 40.97	0.2	
KFH	1.23	165 iPd	01 41.31	0.3	
DAH	1.25	176 iPd	01 41.30	-0.3	
UWE	1.27	160 iPc	01 41.30	-0.2	
		iS	01 55.50		
AIN	1.27	167 iPd	01 41.73	0.2	
NPH	1.28	159 iPd	01 41.40	-0.2	
		eS	01 55.33		
CPK	1.28	161 iPd	01 41.65	0.0	
MVH	1.29	149 iPd	01 41.83	0.1	
RIM	1.29	159 iPd	01 41.70	-0.2	
ESR	1.29	158 iPd	01 41.67	-0.2	
DES	1.32	164 iPd	01 42.11	-0.1	
AHA	1.32	159 iPd	01 42.05	-0.2	
PUH	1.33	157 iPd	01 42.07	-0.4	
KUH	1.35	184 iPd	01 42.53	0.0	
KNH	1.35	161 iPd	01 42.30	-0.4	
HBH	1.35	143 iPd	01 42.57	0.0	
MKA	1.36	156 iPd	01 42.53	-0.3	
KHU	1.37	174 iPd	01 42.70	-0.4	
HLP	1.38	162 iPd	01 42.83	-0.2	
WOH	1.38	170 iPd	01 42.93	-0.2	
PKL	1.40	145 iPd	01 42.97	-0.3	
HUL	1.40	148 iPd	01 43.07	-0.3	
KPO	1.41	142 iPd	01 43.17	-0.2	
HTC	1.41	166 iPd	01 43.37	-0.1	
PWH	1.42	159 iPd	01 43.13	-0.4	
WHA	1.44	152 iPd	01 43.67	-0.2	
KAE	1.45	156 iPd	01 43.77	-0.2	
PPL	1.48	169 iPd	01 44.17	-0.2	
SPT	1.63	177 iPd	01 46.03	-0.6	
HON	2.21	289 iPc	01 54.20	-0.8	
		iS	02 18.80		
OPA	2.36	297 eP	01 56.60	-0.5	
EUR	38.86	52 eP	08 45.00	0.9	
	0.7s	1.71nm		3.9mb	
COL	44.58	5 eP	09 30.00	-0.3	
FBA	44.58	5 P	09 30.00	-0.3	
	0.7s	4.36nm		4.4mb	
LTX	47.69	69 P	09 57.10	1.5	
	0.6s	2.09nm		4.3mb	
INK	49.66	11 ePc	10 09.80	-0.3	
MBC	58.65	10 eP	11 15.00	-0.9	
	S.D. = 0.5	on 54 of 54 obs.			

? DEC 12, 1985 19h 37m 17.91± 1.02s
40.260 N ±15.6km 63.424 E ±11.7km
DEPTH = 33.0km (normal)
4.2mb (2 obs.)
UZBEK SSR (339)

MHI	5.02	219 ePn	38 33.00	0.0	
		eSn	39 30.00		
DMN	21.91	119 eP	42 10.40	0.1	
KKN	21.91	118 eP	42 10.00	-0.2	
	0.6s	5.00nm		4.1mb	
PKI	22.13	118 eP	42 12.70	0.1	
	0.6s	7.00nm		4.3mb	
YKA	77.58	359 eP	49 11.70	0.0	
	S.D. = 0.2	on 5 of 5 obs.			

* DEC 12, 1985 21h 01m 30.49± 0.62s
14.596 N ± 8.0km 123.799 E ± 9.9km
DEPTH = 33.0km (normal)
4.5mb (3 obs.)
LUZON, PHILIPPINE ISLANDS (249)

MAN	2.63	272 iPd	02 12.90	1.3	
		eS	02 48.00		
PQP	2.97	249 iPc	02 16.00	-0.4	
		iS	02 53.00		
CVP	3.63	329 eP	02 24.50	-1.2	
		eS	03 04.50		
PIP	4.80	321 ePc	02 41.00	-1.3	
CHC	24 16	283 eP	06 54.80	9.9X	
WRA	35.86	163 Pd	08 29.30	-0.1	
	0.5s	0.90nm		4.0mb	
WB2	35.86	163 eP	08 29.10	-0.3	
PKI	37.92	296 eP	08 47.10	0.6	
KKN	38.07	297 eP	08 48.40	0.7	
DMN	38.19	296 eP	08 50.60	1.3	
MEK	41.28	187 eP	09 14.00	-0.5	
	0.5s	13.00nm		4.9mb	
HYB	43.51	280 eP	09 41.80	8.9X	
GBA	44.92	275 Pd	09 53.70	9.4X	
	0.8s	7.00nm		4.6mb	
NWAO	47.67	187 eP	10 05.00	-0.7	
INK	81.17	22 eP	13 45.00	1.1	
MBC	82.04	12 eP	13 49.00	0.7	
	S.D. = 1.0	on 13 of 16 obs.			

& DEC 12, 1985 21h 18m 39.33s
19.516 N 155.908 W
DEPTH = 11.8km
HAWAII (613)
<HVO-P>. ML 4.0 (HVO). Felt widely on the Island of Hawaii, strongly in the western part.

CPH	0.03	199 iPc	18 41.43	-0.2	
		iS	18 43.20		
KIH	0.14	93 iPd	18 42.87	-0.1	
		eS	18 46.10		
HUH	0.18	21 iPc	18 43.73	0.0	
		iS	18 47.42		
KUH	0.25	172 iPc	18 44.67	-0.1	
MWH	0.29	95 iPd	18 45.53	-0.1	
SWH	0.29	102 iPd	18 45.50	-0.3	
WOB	0.31	86 iPc	18 45.80	-0.2	
WIH	0.31	99 iPc	18 45.77	-0.3	
		eS	18 50.47		
TRH	0.35	106 iPc	18 46.50	-0.3	
KHU	0.38	134 iPc	18 46.90	-0.4	
HMH	0.41	77 iPc	18 47.47	-0.4	
		iS	18 53.67		
WKH	0.41	34 iPc	18 47.90	0.0	
		iS	18 53.90		
PLL	0.42	88 iPc	18 47.17	-1.0	
AIN	0.45	108 iPc	18 47.70	-0.8	
		eS	18 54.17		
WOH	0.46	124 iPc	18 47.90	-1.0	
KFH	0.47	101 iPc	18 48.03	-1.0	
MLH	0.49	92 iPc	18 48.43	-1.0	
		eS	18 55.03		
HPU	0.50	58 iPc	18 48.63	-1.0	
DES	0.52	110 iPc	18 48.63	-1.3	
MLX	0.53	96 iPc	18 49.07	-1.1	
PPL	0.55	130 iPc	18 49.00	-1.4	
HTC	0.55	120 iPc	18 49.17	-1.3	
CPK	0.56	102 iPc	18 49.23	-1.4	
SPT	0.58	157 iPc	18 49.43	-1.5	
		eS	18 56.43		
UWE	0.59	99 iPd	18 49.60	-1.6	
		iS	18 57.50		
NPH	0.60	100 iPc	18 49.47	-1.9	
		eS	18 57.20		
HLP	0.60	111 iPc	18 49.83	-1.6	
OUT	0.60	102 iPc	18 49.67	-1.8	
RIM	0.61	101 iPc	18 49.73	-1.8	
KNH	0.61	107 iPc	18 49.87	-1.7	
KOH	0.62	11 ePc	18 50.13	-1.6	
		eS	18 57.90		
AHA	0.62	103 iPc	18 49.97	-1.8	
ESR	0.64	99 ePc	18 49.87	-2.2	
KKU	0.65	55 iPc	18 50.70	-1.6	
PUH	0.67	102 ePc	18 50.20	-2.3	
		eS	18 58.67		
PWH	0.69	110 iPc	18 50.97	-1.8	
MKA	0.72	102 ePc	18 50.93	-2.4	
KAE	0.77	107 iPc	18 52.00	-2.1	
MVH	0.80	91 iPc	18 52.50	-2.2	
HIL	0.80	75 iPc	18 48.60	-6.1	
WHA	0.83	103 ePc	18 52.70	-2.5	
NGH	0.85	77 ePc	18 53.27	-2.3	
HUL	0.88	96 ePc	18 53.30	-2.8	
PKL	0.93	93 ePc	18 53.80	-3.2	
KPO	1.01	91 ePd	18 55.07	-3.1	
	45 obs. associated				

? DEC 12, 1985 21h 48m 07.28± 1.55s
14.092 N ±29.0km 93.121 W ±18.3km
DEPTH = 33.0km (normal)
4.9mb (2 obs.)
NEAR COAST OF CHIAPAS, MEXICO (69)

VHO	4.68	312	iP	49	15.00	-2.6
			iS	50	24.00	
TPM	7.49	311	iP	49	57.70	0.5
OXM	8.15	310	iP	50	15.00	8.5X
PIM	9.39	297	iP	50	24.20	0.8
LTX	18.04	329	eP	52	19.30	2.1
ALQ	24.00	332	eP	53	20.50	0.3
ZOBO	38.99	140	e(P)	55	45.30	12.1X
YKC	50.65	347	ePc	57	04.50	-0.6
	0.7s		13.00nm			5.0mb
RSNT	50.68	347	eP	57	05.00	-0.3
	0.8s		8.45nm			4.8mb
YKA	50.69	347	eP	57	05.40	0.0
SOB1	56.75	111	eP	57	51.00	0.2
INK	60.04	344	eP	58	13.00	0.0
MBC	63.69	353	eP	58	37.00	-0.3
HYB	147.63	15	ePKP	07	52.00	4.0X
GBA	150.94	19	PKP	08	00.00	6.9X
S.D. = 1.3 on 11 of 15 obs.						

DEC 12, 1985 22h 27m 16.52± 0.48s
6.176 S ± 7.4km 151.943 E ± 7.3km
DEPTH = 33.0km (normal)
4.6mb (4 obs.)
NEW BRITAIN REGION (192)

RAB	1.98	7	iPd	27	49.00	0.6
			iS	28	16.00	
BGA	3.22	90	iPd	28	06.60	0.6
			eS	28	46.00	
PAA	3.53	92	eP	28	10.00	-0.5
			eS	28	52.00	
ALOA	4.38	201	eP	28	21.50	-1.0
LMG	4.64	234	iPc	28	25.80	-0.4
PMG	5.73	236	eP	28	45.00	3.5X
CTA	14.89	201	iPc	30	53.10	6.6X
	0.9s		7.14nm			4.0mb
RMQ	20.43	188	iPc	31	54.20	0.4
	0.8s		94.00nm			5.2mb
BRS	21.11	178	iPc	32	01.00	0.1
WB2	21.89	230	eP	32	08.90	0.2
WRA	21.90	230	Pc	32	10.70	1.9
	1.0s		12.10nm			4.3mb
ASPA	24.57	223	eP	32	35.00	0.1
HYB	76.14	290	eP	39	02.40	-1.2
COL	83.47	22	eP	39	41.00	-0.9
	0.9s		10.08nm			4.9mb
INK	90.04	21	eP	40	14.00	0.2
S.D. = 0.9 on 13 of 15 obs.						

? DEC 12, 1985 23h 46m 55.19± 4.91s
33.085 S ±18.7km 71.943 W ±31.4km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

ROCH	0.79	82	iPd	47	10.60	-0.1
			iS	47	21.20	
LNV	0.98	153	iPd	47	13.80	0.1
			iS	47	26.00	
TACH	1.01	124	iPc	47	14.20	-0.2
			iS	47	27.60	
PEL	1.06	94	iPd	47	15.40	0.3
			iS	47	30.10	
SAN	1.13	109	iPc	47	16.70	0.2
BACH	1.25	103	iPd	47	18.30	-0.1
			iS	47	35.00	
PCH	1.31	114	iPc	47	19.30	-0.2
			iS	47	37.00	
CHCH	1.37	128	iPd	47	20.30	-0.1
			iS	47	39.00	
FCH	1.41	100	iP	47	21.10	0.0
			iS	47	40.60	
S.D. = 0.2 on 9 of 9 obs.						

DEC 13, 1985 00h 16m 13.71± 0.74s
10.307 N ± 7.8km 73.431 W ± 7.4km
DEPTH = 111.1 ± 10.6 km
4.2mb (2 obs.)
NORTHERN COLOMBIA (99)

LGN	2.13	94	ePn	16	47.50	-1.4
SDV	3.10	117	iPnd	17	02.10	0.1
	0.3s		25.00nm			
BMG	3.23	174	eP	17	03.90	0.2
TOV	3.62	98	iPnd	17	09.60	0.7
	0.4s		87.40nm			
FUQ	4.82	184	eP	17	26.00	0.5
BOG	5.68	186	eP	17	40.00	2.5
CHN	5.73	202	eP	17	38.00	0.0
UPA	6.16	258	ePc	17	41.00	-2.7
	0.5s		63.38nm			5.1mb X
			i	18	47.80	
CAR	6.40	88	ePn	17	46.80	-0.3
STH	8.39	337	iPd	18	15.29	1.1
			iS	19	46.39	
SJG	10.49	41	iPc	18	36.50	-5.9X
ATB	25.07	122	Pd	21	29.50	0.0
ZOBO	26.92	169	e(P)	21	45.80	-1.3
			e	22	14.50	
BAO	36.04	135	e(P)	23	27.70	21.3X
SOB1	37.74	120	e(P)	23	43.00	22.4X
VAO	42.04	142	e(P)	23	44.00	-12.1X
RSON	43.73	341	eP	24	10.00	0.6
	0.5s		3.82nm			4.4mb
BDW	45.13	322	eP	24	21.80	0.8
	0.8s		1.75nm			3.9mb
YKA	59.91	339	eP	26	10.00	0.1
KIC	67.97	87	eP	27	02.50	-0.9
			e	27	26.50	
INK	69.67	340	eP	27	13.00	0.2
BNG	91.16	85	ePd	29	25.90	17.9X
	0.9s		6.00nm			
			id	29	34.30	
WB2	151.56	247	iPKPc	35	57.30	6.7X
			e	36	23.00	
WRA	151.57	247	PKPc	35	57.40	6.8X
	0.6s		9.40nm			
S.D. = 1.3 on 17 of 24 obs.						

DEC 13, 1985 00h 33m 40.61± 0.36s
42.287 N ± 4.0km 19.932 E ± 3.6km
DEPTH = 4.2 ± 3.2 km
YUGOSLAVIA (383)
DUR 3.5 (TTG).

PVY	0.31	6	iPgc	33	46.30	-0.6
			eSg	33	51.50	
TTG	0.52	286	iPg	33	50.70	-0.3
			eSg	34	00.00	
IVA	0.59	358	ePg	33	51.20	-1.1
			eSg	34	01.00	
ULC	0.60	238	ePg	33	53.20	0.6
			eSg	34	03.20	
BDV	0.82	270	ePg	33	57.40	0.4
			eSg	34	11.20	
NKY	0.87	308	ePg	33	56.70	-1.2
			iSg	34	12.60	
HCY	1.07	279	iPgc	34	01.50	0.1
			eSg	34	18.50	
PLE	1.12	339	ePg	34	01.20	-0.9
			eSg	34	19.50	
BRY	1.19	301	iPgd	34	03.20	-0.3
			eSg	34	23.00	
GRG	2.28	125	iPn	34	19.40	-0.2
			iSn	34	48.90	
KZN	2.42	144	ePn	34	22.50	0.9
			eSn	34	55.20	
KNT	2.49	116	ePn	34	23.00	0.5
THE	2.82	125	ePn	34	27.10	-0.1
			eSn	35	01.40	
LIT	2.91	138	ePn	34	28.80	0.2
			eSn	35	03.90	
SOH	2.96	119	ePn	34	29.00	-0.2
SRS	2.98	112	ePn	34	30.10	0.6
PAIG	3.68	129	ePn	34	38.80	-0.7
			eSn	35	21.20	
VLS	4.14	173	ePn	34	44.50	-1.4
ZAG	4.53	322	e(P)	34	58.20	6.7X
			e	35	03.00	
			eSn	35	58.80	
			iSg	36	17.00	
CMP	4.75	49	ePc	35	01.00	6.3X
BUD	5.24	353	e(P)	35	02.00	0.5
CEY	5.26	313	ePn	35	04.40	2.5X
	2.0s		983.00nm			6.1mb X
			eSn	36	04.20	
MLR	5.40	52	ePc	35	04.00	0.0
LJU	5.40	316	ePn	35	05.70	1.8
	2.0s		1970.00nm			6.4mb X
			e	35	24.90	
			e	36	35.00	
			eSg	36	43.80	
TRI	5.61	310	i(Pn)	35	06.90	0.1
			i(Sn)	36	11.90	
			i	36	43.10	
SRO	5.64	349	e(P)	35	07.80	0.5
VOY	5.73	313	iPnd	35	09.80	1.1
			iSn	36	18.30	
ZST	6.24	342	e(P)	35	21.70	6.1X
			e	37	14.00	
VKA	6.50	338	eP	35	26.00	6.7X
KBA	6.71	318	iPnd	35	23.30	0.9
			i(Sn)	36	46.70	
			i	37	36.00	
BHG	7.38	320	iPc	35	33.70	2.0
SCE	7.54	312	eP	35	34.90	0.7
KHC	8.16	329	P	35	42.30	-0.3
	1.0s		10.50nm			5.0mb X
			e	36	41.00	
			e	38	20.20	
PRU	8.56	336	eP	35	51.00	2.8X
			e	37	22.00	
GRC1	8.92	322	ePn	35	54.00	0.8
LPG	10.04	293	eP	36	09.00	0.1
	0.6s		6.60nm			5.3mb X
MOX	10.13	328	eP	36	19.00	9.1X
			e	39	30.00	
SMF	12.29	296	eP	36	36.80	-2.5
	0.9s		9.80nm			5.1mb X
LBF	12.29	298	eP	36	36.00	-3.3X
LOR	12.45	299	eP	36	39.40	-2.1
S.D. = 1.0 on 32 of 40 obs.						

* DEC 13, 1985 01h 27m 59.80± 0.75s
28.266 N ±11.6km 140.648 E ±12.8km
DEPTH = 33.0km (normal)
4.7mb (1 obs.)
BONIN ISLANDS REGION (212)

CBI	1.79	130	eP	28	29.00	0.1
			eS	28	51.00	
MAT	8.50	347	(P)	30	05.00	1.3
			eS	32	08.00	
SSE	17.15	284	P	31	58.00	-0.4
			eS	35	12.00	
NJ2	19.21	287	Pc	32	25.00	1.2
CN2	19.73	326	Pd	32	27.00	-2.6
TIA	21.38	298	eP	32	47.00	0.4
WHN	23.01	282	eP	33	06.00	3.2X
BJI	23.33	307	eP	33	06.00	0.2
			eS	37	24.00	
TIY	25.39	299	eP	33	26.80	1.0
XAN	27.69	290	eP	33	46.40	-0.5
GTA	35.42	299	P	34	54.20	-0.7
WB2	48.31	188	eP	36	40.00	-0.1
WRA	48.31	188	Pc	36	40.20	0.1
	0.7s		6.10nm			4.7mb
S.D. = 1.1 on 12 of 13 obs.						

DEC 13, 1985 01h 54m 08.66± 0.51s
30.472 N ±11.6km 57.561 E ± 7.0km
DEPTH = 33.0km (normal)
4.7mb (4 obs.)
IRAN (348)

SHI	4.44	261	eP	55	25.00	9.3X
MHI	6.03	15	ePn	55	38.00	-0.1
			eSn	56	47.00	
IR2	7.62	315	eP	55	59.70	-0.6
KER	9.65	296	e(P)	56	29.00	0.6
SLY	11.34	300	ePd	56	52.00	0.7
			iS	00	13.00	
NDI	17.19	91	iPd	58	06.50	-1.4
	0.1s		444.44nm			6.5mb X
HRI	18.74	284	eP	58	27.00	-0.1
POO	18.97	125	eP	58	28.50	-1.4
JER	19.19	280	eP	58	34.00	1.5
			e(S)	02	14.00	
PRNI	19.46	275	eP	58	33.50	-2.1
HYB	23.12	119	eP	59	12.10	-0.7
KKN	24.34	89	eP	59	25.40	0.5
	0.5s		11.00nm			4.7mb
PKI	24.50	90	eP	59	26.80	0.2
	0.8s		21.00nm			4.8mb
GBA	24.85	128	P	59	32.00	2.4
KHC	37.95	312	P	01	25.90	1.1
CHG	39.16	97	eP	01	28.50	-6.8X
BNG	44.96	243	ePc	02	21.00	-1.7
	1.0s		15.00nm			4.8mb
			id	02	21.90	
			id	02	26.80	

13d 02h

MBC 73.53 359 eP 05 38.00 -1.4
INK 81.15 4 eP 06 21.00 -0.9
YKA 87.15 356 eP 06 52.90 0.7
WRA 89.16 114 Pc 07 04.80 2.3
0.9s 3.40nm 4.7mb
WB2 89.17 114 eP 07 02.90 0.4
S.D. = 1.4 on 20 of 22 obs.

• DEC 13, 1985 02h 11m 41.64± 1.08s
21.254 S ± 8.6km 69.016 W ±16.3km
DEPTH = 161.8 ± 14.9 km
NORTHERN CHILE (123)

ANT 2.76 208 iP 12 26.70 -0.3
TPZ 3.08 94 iPc 12 31.70 0.3
S 13 12.00
CNCB 4.53 13 eP 12 53.00 2.6
i 13 11.50
CCH 4.71 36 eP 12 51.00 -1.5
SLA 4.74 137 ePd 12 53.20 0.4
LPB 4.78 11 eP 12 53.00 -0.5
(S) 13 29.00
ZOBO 5.03 10 eP 12 56.00 -1.0
Z 22s 0.13um
i 13 44.00
LR 58 24.00
VAO 20.50 99 eP 16 07.80 -0.9
e 16 09.10
BAO 20.70 78 iPc 16 11.20 0.3
SOB1 29.60 70 eP 17 34.30 0.6
S.D. = 1.4 on 10 of 10 obs.

? DEC 13, 1985 03h 31m 31.64± 1.21s
24.858 N ±13.6km 122.192 E ±31.0km
DEPTH = 102.8 ± 18.4 km
TAIWAN REGION (243)

TWZ 0.61 293 iPd 31 48.50 -0.2
eS 32 02.70
TATO 0.65 281 eP 31 49.00 -0.1
eS 32 02.00
ANP 0.69 298 eP 31 50.00 0.4
TWD 0.95 215 iPd 31 51.80 -0.1
TWQ 1.36 245 iPc 31 56.50 -0.3
TWK 2.22 225 iP 32 08.00 0.2
TWG 2.27 207 iPd 32 08.60 0.2
WRA 46.07 164 P 39 48.00 1.0
WB2 46.08 164 eP 39 46.00 -1.0
S.D. = 0.7 on 9 of 9 obs.

DEC 13, 1985 05h 44m 07.54± 0.36s
44.288 N ± 3.0km 6.434 E ± 4.7km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 3.1 (LDG).

FOUF 0.35 46 P 44 15.05 0.4
FRF 0.74 168 Pg 44 22.50 0.4
Sg 44 33.10
CDR 0.78 218 ePg 44 22.40 -0.3
e 44 23.90
eSg 44 33.90
e 44 34.10
LRG 0.84 184 Pg 44 24.10 0.4
0.3s 113.00nm
Sg 44 36.30
LMR 0.96 177 Pg 44 25.90 0.2
Sg 44 39.40
LPG 1.23 10 Pn 44 31.30 0.7
Sn 44 47.70
CVF 2.47 133 Pn 44 47.60 -0.9
Sn 45 15.80
SMF 2.98 323 Pn 44 55.90 0.2
0.4s 19.00nm
Pg 45 04.20
CAF 3.18 283 Pn 44 58.30 -0.4
0.4s 13.00nm
LBF 3.20 328 Pn 44 58.50 -0.4
0.4s 16.00nm
Pg 45 08.00
AVF 3.31 320 Pn 45 00.10 -0.3
MZF 3.33 307 Pn 45 01.70 0.9
0.6s 22.00nm
BGF 3.40 313 Pn 45 01.70 0.1
0.6s 49.00nm
SSF 3.45 325 Pn 45 02.40 0.0
0.4s 11.00nm
Pg 45 12.90
LOR 3.48 330 Pn 45 02.70 -0.1
0.4s 15.00nm
BSF 3.55 4 Pg 45 15.30 11.4X
TCF 3.59 305 Pn 45 04.60 0.2
0.6s 18.00nm
HAU 3.72 359 Pn 45 04.60 -1.7
Pg 45 17.50
GRC 3.82 323 iPnc 45 07.20 -0.4
iPg 45 19.70
iSg 46 12.00
WLF 5.38 358 P 45 48.70 19.0X
DOU 5.94 348 P 45 38.60 1.0
S.D. = 0.7 on 19 of 21 obs.

DEC 13, 1985 07h 10m 07.03± 0.87s
14.108 N ± 6.2km 91.597 W ± 6.7km
DEPTH = 105.2 ± 9.1 km
4.8mb (19 obs.)
GUATEMALA (70)

AR6 7.48 118 iPc 11 55.40 0.1
PUE 8.01 309 iP 12 55.60 53.0X
SRA 8.05 119 eP 12 03.20 0.1
SJS 8.46 118 eP 12 10.00 1.3
LCR2 8.60 119 iPc 12 11.20 0.5
ICR 8.63 118 iPc 12 10.40 -0.9
TPM 8.64 305 iP 12 05.00 -6.2X
BUS 8.91 120 iPc 12 14.20 -0.8
UNM 8.93 307 eP 12 08.20 -7.0X
TAC 8.98 307 eP 12 20.50 4.6X
JCR 9.31 116 iPc 11 53.40 -26.7X
ACR 9.88 122 iPd 12 29.00 1.3
GIE 14.80 175 eP 13 16.00 -16.2X
JCT 17.96 336 eP 14 10.50 -1.0
1.0s 19.00nm 4.3mb
eS 17 18.00
LTX 18.83 326 P 14 20.00 -1.4
1.0s 50.00nm 4.8mb
BHO 20.40 352 eP 14 36.60 -1.0
SDV 21.18 102 eP 14 44.30 -1.6
QZO 21.84 343 iPd 14 48.80 -3.3X
OCO 21.97 347 eP 14 53.30 -0.1
TUL 22.03 351 eP 14 53.90 -0.1
1.3s 76.20nm 4.9mb
Z 21s 0.76um 4.1Msz
e 19 22.80
RSCP 22.07 13 P 14 56.10 1.7
RRO 22.11 345 eP 14 54.20 -0.6
ACO 23.49 345 eP 15 07.70 -0.4
0.8s 41.60nm 4.9mb
e 15 10.60
FVM 23.80 2 P 15 10.50 -0.6
1.0s 9.00nm 4.1mb
ALQ 24.70 330 eP 15 21.00 1.0
0.8s 29.85nm 4.8mb
GLD 28.21 337 P 15 53.00 1.0
GOL 28.22 337 P 15 53.00 0.8
0.9s 3.79nm 4.0mb
GLA 28.33 316 eP 15 52.00 -1.0
TPC 29.77 316 eP 16 05.00 -0.9
PLM 29.90 314 eP 16 07.00 -0.2
GSC 30.98 317 eP 16 17.00 0.5
SBB 31.31 316 eP 16 19.00 -0.4
ISA 32.29 316 eP 16 28.00 0.0
BDW 32.50 335 P 16 30.00 0.1
1.0s 4.00nm 4.2mb
EUR 33.14 324 iP 16 36.50 1.0
0.2s 36.28nm 5.8mb X
RSNY 33.64 22 P 16 40.30 0.8
MNA 33.75 321 ePc 16 41.80 1.1
ePcP 19 21.70
FRI 33.87 317 ePc 16 40.50 -1.0
ePcP 19 22.00
OTT 33.96 20 eP 16 43.00 0.8
0.8s 24.00nm 5.1mb
PRI 34.04 315 ePc 16 43.50 0.3
BMN 34.49 324 P 16 48.00 1.0
MNT 34.79 22 iPd 16 49.60 0.3
pP 17 11.50 95kmX
JAS 34.87 318 ePc 16 50.00 -0.1
e 17 00.10
ePcP 19 25.10
MHC 35.35 316 ePc 16 54.60 0.3
ORV 36.50 320 ePc 17 04.80 1.0
ePcP 19 28.00
RSON 36.69 358 P 17 04.30 -1.0
0.9s 6.72nm 4.6mb
MIN 37.03 321 ePc 17 08.70 0.3
HNME 37.62 27 P 17 14.00 0.9
WDC 37.74 320 eP 17 12.20 -2.0
ePcP 19 32.00
ZOBO 38.06 142 P 17 16.50 -1.3
Z 23s 0.38um 4.1MszX
LR 29 00.00
LPB 38.28 142 eP 17 19.00 -0.5
LR 31 26.00
CNCB 38.57 142 P 17 22.00 0.0
FHC 38.77 320 ePc 17 23.60 0.7
NEW 40.07 333 eP 17 33.00 -0.5
e 19 38.00
PNT 41.96 333 ePc 17 50.00 1.1
0.8s 51.00nm 5.4mb
EDM 42.66 341 iP 17 54.50 -0.2
PGC 43.30 329 eP 18 01.00 1.3
TPZ 43.53 144 P 18 03.40 1.0
SCH 44.99 20 eP 18 12.50 -0.9
YKC 50.97 347 ePc 18 59.00 -0.6
0.5s 11.00nm 5.1mb
RSNT 51.00 346 P 18 59.30 -0.5
0.8s 12.68nm 5.0mb
YKA 51.01 346 eP 18 59.80 -0.1
FRB 52.12 13 eP 19 06.00 -2.2
BAO 52.26 123 e(P) 19 04.90 -5.2X
e 19 09.10
SOB1 55.38 112 eP 19 32.70 -0.1
i 19 33.80
VAO 57.17 130 eP 19 44.30 -1.2
INK 60.45 343 iPd 20 07.90 0.5
pP 20 52.00 190kmX
PMR 62.50 333 P 20 21.80 0.5
1.0s 10.00nm 4.7mb
COL 63.30 337 iP 20 26.30 -0.3
0.8s 24.63nm 5.2mb
e 21 03.00
MBC 63.85 353 eP 20 30.00 0.0
0.7s 17.00nm 5.1mb
ALE 69.43 4 ePc 21 04.00 -1.1
0.9s 15.00nm 4.8mb
EKA 77.65 36 Pd 21 53.40 0.2
1.3s 30.10nm 5.0mb
NB2 83.86 29 P 22 27.60 1.6
0.8s 4.40nm 4.4mb
WB2 135.79 256 ePKP 29 24.10 6.3X
PKI 138.47 4 ePKP 29 22.80 -0.3
0.7s 7.00nm
CHG 145.68 342 iPKPc 29 36.50 1.0
1.1s 33.54nm
LOE 146.04 337 ePKP 29 37.00 0.9
HYB 147.20 18 ePKP 29 41.50 3.5X
1.8s 50.00nm
GBA 150.40 22 PKP 29 50.40 7.5X
NNT 151.20 337 ePKP 29 52.20 8.1X
S.D. = 0.9 on 68 of 80 obs.

DEC 13, 1985 09h 28m 18.51± 1.27s
42.340 N ± 9.4km 19.822 E ± 8.1km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 3.3 (TTG).

PVY 0.28 24 iPgc 28 22.80 -1.6
eSg 28 28.00
TTG 0.43 282 iPg 28 26.50 -0.7
eSg 28 36.10
IVA 0.53 6 ePg 28 28.00 -1.3
eSg 28 37.20
ULC 0.57 229 ePg 28 29.20 -0.8
eSg 28 40.00
BDV 0.74 266 ePg 28 32.50 -0.5
eSg 28 46.20
NKY 0.77 308 ePg 28 32.80 -0.8
eSg 28 47.50
HCY 0.99 277 ePg 28 37.00 -0.2
eSg 28 53.50
PLE 1.04 343 ePg 28 37.50 -0.7
eSg 28 55.00
BRY 1.10 301 ePg 28 39.20 0.0
eSg 28 58.20
BEO 2.52 10 ePn 29 05.80 5.6X
ePg 29 08.50
eSg 29 43.00
CEY 5.16 313 ePn 29 39.70 2.0
eSn 30 43.60

LJU	5.31	316	e(Pn)	29	32.00	-7.7X
			e	30	50.00	
MLR	5.43	52	ePd	29	43.00	1.4
VOY	5.64	313	ePn	29	45.30	0.8
			ISn	30	53.90	
KBA	6.61	318	e(Pn)	30	00.00	1.7
			I$n	31	19.30	
KHC	8.07	329	eP	30	19.40	0.9

S.D. = 1.3 on 14 of 16 obs.

% DEC 13, 1985 11h 33m 42.08± 1.38s
40.694 N ±18.5km 29.904 E ±17.7km
DEPTH = 10.0km (geophysicist)
TURKEY (368)

HRT	0.22	305	iPg	33	46.60	-0.9
			ISg	33	49.60	
GPA	0.51	143	iPg	33	52.90	-0.1
			ISg	33	59.90	
ISK	0.74	300	iPg	33	57.10	-0.1
EDC	1.59	258	ePn	34	11.00	0.0
DMK	1.97	306	ePn	34	17.50	1.0

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

DEC 13, 1985 11h 47m 36.90± 0.85s
44.615 N ± 6.3km 111.053 W ±11.3km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 2.8 (NEIS).

IMW	0.72	173	iPd	47	51.00	-0.4
CCMT	1.33	284	iPd	48	03.00	0.9
LCCM	1.35	335	iPd	48	02.00	-0.5
TMI	1.45	206	eP	48	03.60	-0.4
SXM	1.54	356	ePn	48	05.20	0.0
LRM	1.56	321	ePn	48	05.70	0.1
HPI	1.73	239	eP	48	08.20	0.2
BUT	1.76	323	ePg	48	10.20	1.8
			eSn	48	32.10	
BDW	2.13	149	eP	48	14.50	0.7
NEW	5.56	313	e(P)	49	00.00	-2.3

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

• DEC 13, 1985 12h 56m 43.06± 0.90s
21.274 S ± 8.5km 69.023 W ±14.7km
DEPTH = 159.3 ± 13.6 km
NORTHERN CHILE (123)

ANT	2.74	208	iPd	57	28.00	0.0
TPZ	3.09	94	P	57	32.90	0.1
			S	58	14.00	
CNCB	4.55	13	P	57	50.50	-1.5
LPB	4.80	11	eP	57	56.00	0.8
			S	58	33.00	
ZOBO	5.05	10	eP	57	59.30	0.6
			i	58	31.80	
			eS	58	46.00	
VAO	20.50	99	eP	01	10.40	0.0
BAO	20.72	78	iPc	01	12.60	0.0
SOBI	29.61	70	eP	02	35.40	-0.1

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

? DEC 13, 1985 13h 12m 56.30± 1.32s
35.624 S ±31.5km 179.551 E ±25.2km
DEPTH = 33.0km (normal)
4.5mb (3 obs.)
OFF E. COAST OF N. ISLAND, N.Z. (160)

BRS	24.21	282	P	18	12.10	1.2
CTA	33.07	289	iP	19	32.00	0.9
	0.9s		7.98nm			4.6mb
CTAO	33.07	289	eP	19	32.00	0.9
WB2	42.55	279	eP	20	49.00	-1.7
WRA	42.56	279	Pc	20	49.20	-1.5
	0.6s		6.80nm			4.6mb
SPA	54.56	180	iPc	22	23.80	0.4
	0.7s		2.73nm			4.4mb
KJF	146.69	338	ePKP	32	33.00	-0.6
SUF	148.25	337	iPKP	32	36.50	0.4
	0.5s		4.50nm			
KIC	150.61	171	ePKP	32	46.00	4.8X
NB2	153.49	347	PKP	32	49.20	5.2X
	0.9s		4.20nm			

S.D. = 1.3 on 8 of 10 obs.

• DEC 13, 1985 14h 51m 52.71± 1.34s
7.404 S ±12.1km 147.988 E ±15.1km
DEPTH = 33.0km (normal)
EAST PAPUA NEW GUINEA REGION (207)

LMG	1.50	174	eP	52	17.00	-0.8
PMG	2.16	202	eP	52	28.00	1.0
MDG	3.07	314	eP	52	40.00	0.0
ALOA	3.72	141	eP	52	49.50	0.3
WB2	18.17	225	eP	56	03.80	-0.5

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

DEC 13, 1985 15h 30m 14.81± 0.27s
36.033 N ± 3.8km 22.210 E ± 3.1km
DEPTH = 37.8km (2 depth phases)
4.7mb (39 obs.)
SOUTHERN GREECE (368)

ATH	2.28	31	eP	30	52.50	1.7
VLS	2.50	329	eP	30	56.00	2.0
PAIG	4.06	16	ePn	31	18.20	2.1
			eSn	32	11.30	
LIT	4.07	3	ePn	31	17.70	1.4
SRN	4.22	336	iPn	31	19.40	1.1
			iSn	32	03.90	
KZN	4.28	355	eP	31	21.00	1.7
OUR	4.52	17	ePn	31	24.20	1.7
PRK	4.55	44	ePn	31	28.50	5.5X
THE	4.63	7	ePn	31	24.70	0.5
IZM	4.67	58	iP	31	26.70	1.8
SOH	4.86	10	ePn	31	29.20	1.7
GRG	4.92	2	ePn	31	29.00	0.7
			eSn	32	33.20	
EZN	4.99	39	eP	31	27.40	-1.9
YER	5.01	76	iP	31	32.40	2.8X
KNT	5.15	6	ePn	31	32.60	1.1
			eSn	32	37.40	
SRS	5.19	12	iPn	31	32.60	0.5
TIR	5.61	342	ePn	31	38.20	0.2
			iSn	32	43.00	
EDC	6.19	44	iP	31	49.00	2.8X
ELL	6.25	81	iP	31	48.90	1.7
SDA	6.34	341	iPn	31	48.20	0.0
			iSn	32	59.90	
ULC	6.35	340	ePn	31	46.40	-2.1
			eSn	32	54.00	
PVY	6.78	346	ePn	31	53.60	-0.9
			eSn	33	06.00	
TTG	6.78	341	ePn	31	52.40	-2.0
			eSn	33	04.00	
BCK	6.88	76	eP	31	57.00	1.1
HCY	7.02	337	ePn	31	54.30	-3.5X
			eSn	33	08.50	
DMK	7.22	35	iP	32	01.00	0.5
ISK	7.35	45	eP	32	07.00	4.6X
BRY	7.42	339	ePn	32	00.50	-3.0X
			eSn	33	19.00	
PLE	7.60	344	ePn	32	04.50	-1.5
			eSn	33	25.00	
GPA	7.66	54	eP	32	07.80	0.9
BEO	8.88	352	ePn	32	19.90	-3.7X
			e	35	17.00	
BUC	8.88	18	eP	31	48.00	-35.6X
CSS	9.13	93	eP	32	28.00	0.8
CMP	9.47	12	ePd	31	42.00	-49.8X
HLW	9.83	126	eP	32	35.00	-1.8
			eS	34	20.00	
MLR	9.86	16	ePd	32	37.00	-0.3
CVO	10.23	16	ePc	32	42.00	-0.2
CEY	11.34	331	eP	32	54.20	-3.1X
	1.1s		250.00nm			6.3mb X
			eS	34	52.80	
HRI	11.48	100	eP	32	55.00	-4.4X
			eS	34	57.00	
LJU	11.55	332	iP	32	58.50	-1.7
	1.0s		340.00nm			6.5mb X
			eS	34	58.00	
TRI	11.58	329	i(Pn)	32	59.40	-1.1
			i(Sn)	34	58.10	
JER	11.60	108	eP	32	58.50	-2.4
			eS	34	59.00	
BUD	11.68	349	ePn	32	58.30	-3.6X
VOY	11.79	330	eP	33	00.70	-2.8
			eS	35	20.70	
PRNI	12.12	114	eP	33	03.50	-4.4X
			eS	35	08.50	
SRO	12.12	347	iP	33	05.50	-2.3
			i	35	30.30	
ZST	12.73	344	e(P)	33	13.20	-2.7
KBA	12.87	332	eP	33	15.00	-2.9
	1.0s		50.00nm			5.5mb
			i	33	21.20	
			i	35	28.00	
			i	35	32.30	
			i(S)	35	34.20	
			i	36	20.40	
SPC	13.23	354	eP	33	34.80	12.1X
KRA	14.11	354	ePc	33	32.90	-1.2
KRA	14.11	354	eP	33	41.30	7.2X
	1.0s		48.00nm			5.1mb
Z	14s		2.20um			4.8Msz
N	14s		1.80um			
E	12s		1.90um			
			e	33	51.60	
			e	37	54.00	
KHC	14.54	337	P	33	39.20	-0.5
	0.9s		15.00nm			4.5mb
FUR	14.57	330	eP	33	41.10	1.0
PRU	15.02	341	P	33	45.30	-0.6
Z	14s		1.50um			
N	16s		1.30um			
E	16s		1.20um			
			Pg	34	04.80	
			Sg	34	26.30	
LPG	15.03	314	eP	33	47.30	0.9
KSP	15.41	346	eP	33	49.50	-1.5
	0.7s		33.00nm			4.7mb
			i	33	56.50	
GRF	15.82	333	eP	33	55.80	-0.6
Z	19s		1.50um			
			id	34	01.20	
BRG	15.98	341	iPd	34	02.30	3.9X
	0.8s		20.00nm			4.3mb
			i	34	14.00	
BSF	16.41	321	eP	34	04.00	0.1
	1.2s		47.60nm			4.5mb
MOX	16.49	336	eP	34	06.50	1.8
Z	18s		1.80um			
N	18s		1.10um			
E	18s		0.80um			
			e	37	39.00	
CDF	16.56	323	eP	34	05.20	-0.5
	0.7s		11.00nm			4.1mb
CLL	16.64	339	eP	34	07.00	0.4
	1.4s		31.00nm			4.2mb
HAU	16.75	320	eP	34	08.10	0.0
	0.7s		22.90nm			4.4mb
MSL	16.91	83	eP	34	11.50	1.4
SMF	17.36	313	eP	34	16.30	0.6
LBF	17.45	314	eP	34	17.80	0.9
	0.7s		7.70nm			3.9mb
LOR	17.67	315	eP	34	20.40	0.8
CAF	17.68	306	eP	34	22.50	2.8X
	0.8s		8.00nm			3.9mb
AVF	17.72	313	eP	34	20.80	0.7
	0.9s		10.40nm			4.0mb
SSF	17.77	314	eP	34	21.90	1.1
MZF	17.90	311	eP	34	23.70	1.2
	1.0s		20.00nm			4.2mb
BGF	17.90	312	eP	34	23.60	1.1
	1.0s		20.80nm			4.2mb
WLF	17.95	324	Pc	34	25.20	2.2
GRC	18.14	314	iPd	34	29.10	3.7X
LPO	18.16	305	eP	34	28.40	2.7X
TCF	18.17	310	eP	34	26.90	1.2
	1.0s		16.00nm			4.1mb
RJF	18.18	307	eP	34	27.90	2.0
EPF	18.23	299	eP	34	30.60	4.0X
LFF	18.56	305	eP	34	32.40	1.9
MEM	18.68	326	Pc	34	32.50	0.6
ENN	18.83	327	eP	34	33.00	-0.7
	0.7s		16.00nm			4.3mb
			e	34	52.00	
SLY	18.89	84	iPd	34	34.00	-0.6
DOU	18.99	323	Pc	34	35.20	-0.5
	0.9s		62.50nm			4.8mb
			e	34	47.30	
WTS	19.36	330	eP	34	40.00	0.1
SNF	19.41	324	P	34	40.10	-0.5
MFF	19.77	309	eP	34	44.40	0.0
	0.5s		13.10nm			4.5mb
KER	20.40	87	eP	34	51.00	-0.4
LDF	20.65	314	eP	34	52.60	-1.0
	0.7s		19.80nm			4.6mb
LPF	20.93	312	eP	34	57.10	0.6
	0.5s		12.20nm			4.5mb

13d 15h

FLN	20.94	314	eP	34	55.50	-1.1
	0.6s		18.70nm			4.6mb
GRR	20.99	313	eP	34	57.00	0.0
	0.7s		15.40nm			4.5mb
TOL	21.03	288	eP	34	57.00	-0.6
MUD	22.26	341	iPd	35	00.50	-9.2X
	0.7s		86.00nm			5.3mb
			i	35	24.00	
IFR	22.57	272	iP	35	13.50	0.3
IR2	23.23	82	eP	35	20.00	0.5
UPP	24.03	354	iP	35	26.80	-0.1
HFS	24.74	350	eP	35	32.90	-0.9
	0.6s		56.80nm			5.3mb
Z	14s		0.56um			4.2MszX
			LR	45	42.00	
NRA0	25.65	348	P	35	42.00	-0.4
EKA	25.96	326	P	35	45.00	-0.3
	1.0s		32.40nm			4.9mb
NB2	25.99	348	P	35	44.10	-1.5
	0.7s		33.70nm			5.0mb
ESY	26.08	327	ePc	35	46.40	0.0
	0.6s		12.00nm			4.7mb
EBL	26.18	327	ePc	35	46.60	-0.7
	0.7s		50.00nm			5.2mb
SHI	26.19	95	eP	35	49.00	1.1
EDI	26.33	327	ePc	35	48.40	-0.3
EAU	26.40	327	eP	35	48.70	-0.7
EBH	26.68	327	eP	35	51.60	-0.3
	0.6s		46.00nm			5.3mb
SUF	26.82	4	iP	35	52.50	-0.7
	0.8s		17.50nm			4.7mb
ELO	26.90	328	iPc	35	53.40	-0.6
	0.7s		15.00nm			4.7mb
KJF	28.40	5	iP	36	06.20	-1.2
	0.8s		26.40nm			5.0mb
			i	36	19.80	
SOD	31.49	3	iP	36	34.30	-0.5
BCAO	31.63	187	ePd	36	36.80	0.2
KEV	33.88	3	iP	36	54.80	-0.8
	0.6s		23.50nm			5.3mb
KIC	38.50	226	iP	37	35.10	-0.2
LWI	38.57	169	iPc	37	37.60	1.5
NDI	46.52	83	iPc	38	41.00	0.5
	0.5s		31.69nm			5.5mb
WMO	49.64	60	P	39	04.50	-0.2
HYB	52.91	95	eP	39	28.50	-1.1
DMN	53.30	80	iPc	39	32.40	-0.2
KKN	53.36	80	iPc	39	32.50	-0.5
PKI	53.55	80	iPc	39	34.00	-0.6
GBA	54.10	100	P	39	37.00	-1.3
LSA	57.17	75	eP	39	59.80	-1.1
GTA	59.66	61	iPc	40	16.80	-0.9
LZH	63.96	63	Pc	40	47.00	0.3
	1.0s		60.00nm			5.6mb
MBC	65.38	351	eP	40	55.00	0.0
BTO	66.22	56	eP	41	01.20	0.1
CD2	66.31	68	eP	41	01.80	0.0
KMI	68.40	74	Pc	41	14.00	-1.2
XAN	68.60	63	iPc	41	16.00	-0.1
CHG	68.66	82	iPc	41	16.00	-0.7
	0.6s		6.67nm			4.9mb
CHTO	68.86	82	iPc	41	15.80	-0.8
	1.1s		11.78nm			4.8mb
			epP	41	27.50	39km
TIY	69.25	58	Pc	41	19.80	-0.3
BJI	70.59	54	eP	41	27.50	-0.6
GYA	70.75	71	P	41	29.00	-0.4
ITR	72.28	245	eP	41	37.40	-1.2
TIA	73.24	57	Pc	41	43.30	-0.7
WHN	74.33	64	eP	41	51.00	0.6
SNY	74.35	50	eP	41	49.60	-0.7
CN2	74.36	47	iPc	41	49.80	-0.5
INK	74.40	351	eP	41	50.00	-0.1
SQB1	74.40	246	eP	41	52.10	1.1
YKA	75.86	341	eP	41	59.20	0.6
NJ2	76.72	60	Pd	42	04.00	0.0
RSON	76.79	324	P	42	04.50	0.5
FFC	77.71	331	iPc	42	09.60	0.8
	0.7s		6.00nm			4.7mb
WMA	78.18	358	P	42	12.70	1.2
COL	79.09	356	eP	42	17.00	1.4
			epP	42	29.00	37km
EDM	83.11	335	ePc	42	38.50	0.7
NEW	88.57	334	P	43	05.20	0.3
	0.8s		3.52nm			4.7mb
BDW	90.08	327	P	43	11.50	-0.9
WRA	119.07	94	PKP	49	03.60	1.4
	0.3s		0.50nm			
WB2	119.08	94	ePKP	49	01.70	0.1
SPA	125.85	180	ePKP	49	20.00	6.6X
	1.0s		5.00nm			
DZM	145.98	76	iPKPc	49	54.00	2.2
NOU	146.11	76	iPKPc	49	52.60	0.8
	S.D. = 1.1		on 133 of 155 obs.			

& DEC 13, 1985 18h 37m 44.10s
36.988 N 121.725 W
DEPTH = 10.0km (geophysicist)
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.0 (BRK).

GCC	0.22	281	iPc	37	48.40	-0.5
SAO	0.32	135	iPc	37	50.20	-0.5
MHC	0.36	11	iPd	37	51.10	-0.4
			i	37	56.20	
			e(S)	37	57.00	
ARN	0.39	23	iPd	37	51.50	-0.6
PRS	0.71	156	ePc	37	57.40	-0.8
			i	37	58.30	
LLA	0.73	120	iPc	37	57.80	-0.6
PCC	0.73	314	iPc	37	57.20	-1.3
BKS	0.98	336	iPd	38	02.00	-0.6
			iS	38	16.60	
BRK	0.98	334	iP	38	02.10	-0.6
			e	38	14.60	
			i	38	15.40	
ZSP	1.04	336	eP	38	02.00	-1.8
PRI	1.20	134	e(P)c	38	05.40	-1.2
PHAM	1.57	137	eP	38	11.00	-1.1
FRI	1.61	89	e(P)	38	12.40	-0.3
NWRM	1.73	328	eP	38	15.50	1.1
BCH	2.24	143	eP	38	19.50	-2.4
	15 obs. associated					

& DEC 13, 1985 18h 39m 22.60s
37.010 N 121.722 W
DEPTH = 11.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.5 (BRK).
Mo=3.6*10**21 (BRK). Felt (III) at Aptos and Morgan Hill. Also felt at Gilroy, San Jose, Santo Cruz, Lo Selvo Beach and Redwood Estates.

GCC	0.22	275	iPc	39	27.10	-0.3
SAO	0.33	138	iPd	39	28.80	-0.7
MHC	0.34	11	iPd	39	29.90	0.2
			eS	39	34.60	
ARN	0.37	24	iPd	39	30.30	0.0
PCC	0.72	313	iPc	39	35.90	-0.7
PRS	0.73	157	iPd	39	35.90	-1.0
LLA	0.74	122	iPc	39	36.30	-0.7
BKS	0.96	335	eP	39	39.40	-1.3
			iS	39	55.20	
BRK	0.96	334	ePc	39	39.10	-1.7
			e(S)	39	53.40	
ZSP	1.03	336	iPc	39	40.70	-1.2
			iS	39	55.50	
PRI	1.21	135	ePd	39	44.60	-0.6
PHAM	1.58	137	eP	39	49.00	-1.7
FRI	1.61	90	eP	39	49.20	-1.8
NWRM	1.71	328	eP	39	54.50	2.0
BCH	2.25	143	eP	39	58.00	-2.5
ORV	2.55	4	eP	40	03.40	-1.1
WCN	2.77	33	eP	40	07.00	-0.9
ABL	2.96	136	eP	40	07.50	-3.1
	18 obs. associated					

& DEC 13, 1985 19h 19m 47.10s
40.405 N 127.230 W
DEPTH = 4.0km (geophysicist)
OFF COAST OF NORTHERN CALIFORNIA(34)
<BRK>. ML 4.0 (BRK).

FHC	2.50	80	ePc	20	25.75	-3.5
			i	20	34.10	
			e	20	39.10	
			iS	20	54.80	
GAS	3.85	101	iP	20	41.80	-2.4
WDC	3.58	86	iPd	20	42.10	-2.5
			iS	21	23.00	
LBFM	4.16	75	eP	20	51.00	-1.9
MIN	4 30	89	ePd	20	52.00	-2.9
			eS	21	40.70	
ORV	4.48	99	eP	20	55.10	-2.3
BRK	4.62	122	iPc	20	57.80	-2.2
BKS	4.63	121	iPd	20	58.00	-2.5
			i	20	57.5.	
			i	21	01.40	
			eS	21	48.60	
PCC	4.76	126	eP	20	57.30	-4.1
			eS	21	49.80	
GCC	5.30	128	eP	21	04.70	-4.7
			eSg	22	04.40	
MHC	5.33	123	ePd	21	05.60	-5
			iSg	22	05.90	
ARN	5.39	123	eP	21	06.50	-3.8
SAO	5.81	127	eP	21	11.70	-4.4
			eS	21	14.00	
			iSg	22	17.30	
JAS1	5.84	113	eP	21	15.70	-0.9
			iSg	22	22.60	
PRS	6.14	130	eP	21	16.70	-4.1
			eSg	22	25.10	
LLA	6.21	126	e(P)	21	17.30	-1.6
			eSg	22	26.00	
PRI	6.69	127	eP	21	25.00	-3.1
FRI	6.80	118	eP	21	26.80	-3.3
EUR	8.70	92	eP	21	53.70	-3.2
YKA	23.39	15	eP	25	04.00	6.6
	20 obs. associated					

DEC 13, 1985 22h 28m 08.00± 0.41s
42.293 N ± 5.4km 19.928 E ± 4.3km
DEPTH = 10.4 ± 3.6 km
YUGOSLAVIA (385)
DUR 3.5 (TTG).

PVY	0.30	6	iPgc	28	13.20	-1.2
			eSg	28	18.50	
TTG	0.51	286	iPg	28	17.80	0
			eSg	28	27.00	
IVA	0.58	358	ePg	28	18.50	-1.9
			eSg	28	27.50	
ULC	0.60	237	iPgc	28	20.00	-0.2
			eSg	28	30.30	
BDV	0.82	270	ePg	28	24.10	0
			eSg	28	38.00	
NKY	0.86	307	ePg	28	24.20	-0.1
			eSg	28	39.00	
HCY	1.07	279	iPg	28	28.70	0.6
			eSg	28	47.20	
PLE	1.11	339	ePg	28	28.20	-0.6
			eSg	28	46.50	
KZN	2.42	144	ePn	28	48.90	0.6
			eSg	29	19.80	
VTS	2 44	82	iP	28	45.00	-3.1X
			iSg	29	27.00	
KNT	2.49	116	ePn	28	49.20	0.0
THE	2.82	125	ePn	28	53.90	0.0
			eSn	29	40.00	
LIT	2.92	138	ePn	28	55.30	0.0
MMB	2.92	103	iPc	28	56.00	0.7
			iS	29	40.00	
SOH	2.96	119	ePn	28	55.50	-0.4
			eSn	29	45.80	
SRS	2.98	112	ePn	28	56.10	-0.1
PLD	3.55	91	eP	29	05.00	0.8
OUR	3.63	121	ePn	29	04.70	-0.6
PVL	3.96	76	iPd	29	21.00	11.6X
KDZ	4.09	97	eP	29	12.00	0.1
			iS	29	59.00	
VLS	4.14	173	ePn	29	11.50	-1.1
			eSb	30	02.60	
DIM	4.21	91	eP	29	20.00	6.4X
CMP	4.75	49	ePc	28	25.00	-56.3X
JMB	4.93	86	eP	29	15.00	-8.8X
BUD	5.23	353	e(Pn)	29	23.00	-5.0X
CEY	5.25	313	ePn	29	31.40	3.0X
	2.0s		1060.00nm			6.1mb X
			eSn	30	34.00	
LJU	5.39	316	ePn	29	32.50	2.1
	1.3s		990.00nm			6.3mb X
			eSn	30	39.00	
MLR	5.40	52	eP	29	33.00	2.5X
TRI	5.61	310	ePn	29	35.00	1.7
			iSn	30	41.00	
			i	31	14.80	
SRO	5.64	349	ePn	29	34.30	0.5
			i	30	49.40	

```
CVO      5.72  50 eP    29 39.50    4.5X
VOY      5.73 313 iPn   29 36.90    1.7
                eSn     30 44.00
ZST      6.23 342 eP    29 44.50    2.4X
                e       30 39.10
                e       31 29.00
VKA      6.49 338 iP    29 57.50   11.7X
                i       31 02.20
FIR      6.53 286 e(Pn) 30 18.00   31.7X
                eSn     31 28.00
KBA      6.70 318 iPd   29 51.70    2.8X
       0.7s     17.90nm          5.2mb X
                i       29 54.70
                iS      31 54.80
                i       32 04.30
BHG      7.37 320 eP    30 01.40    3.2X
SCE      7.54 312 iPd   30 02.60    1.9
KHC      8.15 329 eP    30 11.50    2.4X
                e       31 39.00
                e       32 23.50
PRU      8.55 336 eP    30 27.50   12.8X
                e       31 25.00
                e       32 28.70
LPG     10.04 293 eP    30 37.50    2.0
       0.5s      3.60nm          5.1mb X
MOX     10.13 328 e(P)  30 30.00   -6.3X
                e       33 48.00
SMF     12.29 296 eP    31 03.90   -1.9
LBF     12.29 298 eP    31 04.50   -1.3
       0.7s      5.50nm          4.9mb X
LOR     12.45 299 eP    31 06.40   -1.6
BGF     12.93 295 eP    31 11.80   -2.6
GRC     12.97 298 iPc   31 07.60   -7.2X
     S.D. = 1.3  on  29 of  47 obs.

% DEC 13, 1985  22h 34m 55.76± 1.42s
   37.892 N ±16.1km   27.632 E ±20.9km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                              (366)

IZM      0.58 330 iPg   35 06.20   -1.4
                iSg     35 14.20
YER      0.92 145 iPg   35 13.00   -0.3
                eSg     35 25.00
ELL      2.14 121 ePn   35 35.50    3.3X
EZN      2.18 333 ePn   35 34.50    1.9
BCK      2.39 100 ePn   35 35.90    0.3
EDC      2.46   4 ePn   35 36.00   -0.5
GPA      3.17  40 ePn   35 54.00    7.3X
     S.D. = 1.7  on   5 of   7 obs.

   DEC  13, 1985  23h 10m 10.74± 0.54s
   28.326 N ± 8.7km   140.616 E ± 8.5km
   DEPTH =  33.0km  (normal)
   4.6mb (  2 obs.)
 BONIN ISLANDS REGION                (212)

CBI      1.85 131 eP    10 41.00    0.3
                eS      11 01.00
MAT      8.44 347 eP    12 13.00   -0.7
                (S)     14 09.00
SSE     17.10 284 P+    14 10.00    1.2
     E  10s      0.20um
                eS      20 44.00
DL2     18.97 309 eP    14 31.00   -0.9
NJ2     19.17 287 Pc    14 35.00    0.8
SNY     19.34 319 eP    14 34.00   -2.2
CN2     19.67 326 eP    14 36.00   -3.8X
                eS      18 10.00
TIA     21.33 298 eP    14 56.80   -0.2
BJI     23.27 306 eP    15 17.00    0.8
                eS      19 36.00
                eSS     20 28.00
TIY     25.34 299 eP    15 35.00   -1.2
XAN     27.64 290 eP    15 58.20    0.8
BTO     27.90 304 P     16 01.00    1.2
PSI     47.18 245 ePc   18 42.60    0.3
                e       20 36.00
WB2     48.37 188 eP    18 50.20   -1.2
WRA     48.37 188 Pd    18 50.80   -0.6
       0.8s     11.10nm          4.9mb
COL     56.93  29 eP    19 55.00    0.2
GBA     60.19 270 P     20 22.00    3.9X
       0.9s      2.50nm          4.3mb
INK     62.50  25 eP    20 33.00    0.1
YKA     71.72  28 eP    21 32.50    1.4
     S.D. = 1.1  on  17 of  19 obs.

*  DEC  13, 1985  23h 16m 31.36± 0.63s
     0.783 N ±18.7km    20.115 W ±17.6km
     DEPTH =  10.0km  (geophysicist)
     5.0mb (  9 obs.)  5.2Msz (  1 obs.)
  CENTRAL MID-ATLANTIC RIDGE         (406)

CAI     11.57 231 eP    19 17.60   -2.0
ITR     13.90 227 eP    19 50.00   -1.9
                i       19 52.70
                e       19 55.50
                e       20 20.10
                e       20 36.80
SOB1    16.14 232 eP    20 19.40   -0.7
                e       20 22.40
KIC     23.97  76 iPc   21 48.00    1.0
                S       26 14.00
ATB     24.44 260 Pc    21 52.70    1.2
BAO     25.53 229 ePc   22 02.70    0.6
RDJ     27.76 211 eP    22 32.40   10.1X
IFR     39.06  31 iP    24 01.00    0.5
ZOBO    42.96 245 P     24 35.00    1.7
       1.2s     19.26nm          4.7mb
                S       31 06.00
                LR      36 40.00
CNCB    43.01 244 iP    24 35.50    1.8
LPB     43.03 245 eP    24 36.00    2.3
       1.0s     40.00nm          5.1mb
                eS      31 12.00
                LR      37 15.00
TOL     44.67  27 eP    24 47.00    0.8
                eS      31 25.00
                eSS     35 09.00
EPF     49.17  28 eP    25 22.30    0.8
       0.9s      9.80nm          4.8mb
LFF     50.83  26 eP    25 34.20    0.1
LSF     52.21  26 eP    25 44.20   -0.4
MZF     52.64  26 eP    25 48.10    0.2
DOU     56.48  25 P     26 20.50    4.7X
                e       34 25.00
LWI     56.98  93 ePc   26 33.40   13.1X
MEM     57.46  25 P     26 21.70   -1.0
KHC     59.96  30 P     26 39.00   -1.2
                e       27 10.50
MOX     60.00  28 eP    26 41.00    0.6
       2.0s     49.00nm          5.3mb
PRU     60.99  30 P     26 46.50   -0.6
ZST     61.23  33 e(P)  26 48.70   -0.1
BRG     61.26  29 eP    26 51.20    2.2
       1.2s     19.00nm          5.1mb
SRO     61.67  34 e(P)  26 49.40   -2.4
                e       29 44.70
SRO     61.67  34 eP    27 07.50   15.7X
SPC     63.50  33 eP    27 07.50    3.3X
KRA     63.82  32 ePd   27 06.10    0.1
                e       27 09.30
BHO     70.49 306 e(P)  27 42.00   -6.4X
TUL     71.56 308 eP    27 53.70   -1.3
       1.0s     10.80nm          4.9mb
     Z  21s      1.26um          5.2Msz
SUF     73.67  23 iP    28 07.10    0.3
       0.9s      9.30nm          4.8mb
JCT     73.85 301 eP    28 13.00    4.4X
KJF     75.05  22 iP    28 14.90    0.1
       0.8s     19.10nm          5.2mb
SOD     76.36  19 eP    28 20.00   -2.2
EDM     86.51 323 eP    29 15.50   -0.3
EUR     87.85 309 iP    29 28.20    5.4X
       0.3s      1.35nm          4.7mb
INK     94.94 339 eP    29 59.00    4.1X
SBA    102.59 163 ePdiff30 20.90   -8.2X
     S.D. = 1.3  on  28 of  38 obs.

&  DEC  13, 1985  23h 20m 57.37s
   19.328 N          155.129 W
   DEPTH =  9.3km
 HAWAII                              (613)
      <HVO-P>. ML 4.0 (HVO).

KAE      0.04 185 iPc   20 59.33    0.0
                iS      21 01.22
MKA      0.05 320 iPd   20 59.36   -0.2
                iS      21 00.78
WHA      0.08  87 iPc   20 59.69    0.0
PUH      0.10 300 iPd   20 59.98   -0.1
                eS      21 02.03
PWH      0.10 244 iPd   21 00.31    0.3
ESR      0.13 309 iPd   21 00.62    0.0
AHA      0.14 289 iPd   21 00.71    0.1
                eS      21 03.27
KNH      0.15 273 iPd   21 01.00    0.1
RIM      0.16 297 iPd   21 00.96    0.0
OUT      0.16 293 iPd   21 01.00    0.0
HUL      0.17  57 iPd   21 01.16    0.0
                eS      21 04.07
NPH      0.17 301 iPd   21 01.02   -0.2
                eS      21 03.87
HLP      0.17 261 iPd   21 01.51    0.2
MVH      0.19  20 iPd   21 01.49    0.0
CPK      0.20 290 iPd   21 01.53   -0.2
MLX      0.24 303 iPd   21 02.33   -0.3
DES      0.25 272 iPd   21 02.33   -0.3
KFH      0.29 289 iPd   21 03.40   -0.1
HBH      0.30  47 ePd   21 03.49    0.0
MLH      0.30 304 iPd   21 03.38   -0.2
                eS      21 07.58
AIN      0.32 279 iPd   21 03.82   -0.2
KPO      0.32  58 ePc   21 03.76   -0.2
PPL      0.36 242 ePc   21 04.69    0.0
WOH      0.36 258 ePd   21 04.62   -0.2
PLL      0.37 303 iPd   21 04.53   -0.6
NGH      0.38  14 iPc   21 05.47    0.3
HIL      0.39   6 iPd   21 01.70   -3.7
                eS      21 08.20
TRH      0.41 282 iPd   21 05.38   -0.4
HMH      0.43 309 iPd   21 05.73   -0.6
                eS      21 12.29
WIH      0.45 288 ePd   21 05.98   -0.7
SWH      0.47 286 ePc   21 06.11   -0.8
KHU      0.47 260 iPc   21 06.18   -0.8
MWH      0.47 290 ePd   21 06.29   -0.7
WOB      0.48 296 iPd   21 06.36   -0.8
DAH      0.51 273 ePc   21 06.69   -1.1
HPU      0.55 325 iPc   21 07.78   -0.7
KKU      0.59 340 iPc   21 08.80   -0.6
SPT      0.61 236 ePd   21 07.96   -1.7
KIH      0.63 287 ePc   21 08.42   -1.6
KUH      0.70 265 ePc   21 09.18   -2.2
WKH      0.73 317 iPc   21 10.00   -1.9
HUH      0.76 298 ePc   21 10.76   -1.7
CPH      0.76 282 ePc   21 10.02   -2.3
KOH      1.00 323 ePd   21 13.24   -3.3
     44 obs. associated

?  DEC  13, 1985  23h 38m 52.05± 9.93s
   10.463 S ±75.7km   167.183 E ±93.0km
   DEPTH = 113.1 ± 15.6 km
   4.2mb (  2 obs.)
 SANTA CRUZ ISLANDS                  (184)

HNR      7.20 278 eP    40 36.00   -0.3
SVO      7.38 280 eP    40 39.00    0.3
                eS      41 56.00
DZM     11.56 183 iPc   41 34.80   -0.1
NOU     11.80 183 iPc   41 38.00    0.1
BRS     21.63 217 P     43 34.70    0.3
CTA     22.32 242 iPc   43 41.00   -0.2
       0.8s      7.46nm          4.1mb
WB2     33.00 249 eP    45 18.70    0.2
WRA     33.01 249 Pc    45 18.30   -0.3
       0.7s      4.50nm          4.4mb
     S.D. = 0.3  on   8 of   8 obs.

*  DEC  14, 1985  02h 25m 49.99± 2.35s
   36.683 N ±14.8km   71.014 E ±16.6km
   DEPTH = 174.6 ± 27.6 km
   4.2mb (  4 obs.)
 AFGHANISTAN-USSR BORDER REGION      (717)

NDI      9.53 145 eP    28 04.50    0.1
                eS      29 43.50
KKN     14.96 122 eP    29 14.20    0.0
       0.6s     21.00nm          4.7mb
PKI     15.19 123 eP    29 17.00   -0.1
GBA     23.69 164 P     30 47.00    0.0
SUF     37.77 328 iP    32 50.90    0.6
       0.6s      2.20nm          4.0mb
HFS     42.93 322 eP    33 32.40   -0.2
       0.5s      4.60nm          4.3mb
NB2     44.24 323 P     33 42.70   -0.5
       0.6s      2.60nm          4.0mb
MBC     67.15   3 eP    36 26.00   -0.3
INK     73.72   9 eP    37 06.00    0.2
YKA     81.06   3 eP    37 46.30    0.1
     S.D. = 0.4  on  10 of  10 obs.
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14d 02h

DEC 14, 1985 02h 51m 45.77± 0.87s
25.007 S ± 3.8km 64.756 W ± 4.3km
DEPTH = 12.5 ± 5.3 km
5.6mb (30 obs.) 4.9Msz (2 obs.)
SALTA PROVINCE, ARGENTINA (129)
Felt in Tucuman, Salta, Jujuy, Catamarca and Cordoba Provinces.

SLA	0.73	292	iPc	52	00.80		0.9
FSA	1.56	226	ePc	52	13.00		0.5
CYA	3.55	195	ePc	52	40.50		-1.2
TPZ	3.63	346	iP	52	47.50		4.2X
			S	54	08.00		
VCA	4.83	219	ePd	53	00.20		0.1
			S	54	15.00		
ANT	5.32	283	iPd	53	08.50		1.6
RTLL	7.10	297	eP	53	30.00		-1.2
CFA	7.26	294	ePd	53	34.00		-0.1
			S	55	04.00		
RTCB	7.37	298	ePd	53	36.00		0.2
ZON	7.37	297	eP	53	39.00		3.2X
RTCV	7.60	295	ePd	53	37.40		-1.5
			S	55	35.50		
CCH	7.70	350	P	53	46.00		6.3X
CNCB	8.69	339	P	53	56.00		1.2
			i	54	00.40		
LPB	8.99	339	P	54	00.50		1.6
			i	54	04.30		
			iS	58	42.00		
			i	57	15.00		
ZOBO	9.25	339	iP	54	03.10		0.7
			i	54	06.50		
ITB1	9.42	90	Pd	54	03.60		-0.7
ITB	9.58	91	Pd	54	05.70		-0.7
ITB7	9.59	93	Pd	54	05.80		-0.9
PEL	9.62	211	ePc	54	05.70		-1.3
			i	56	14.00		
BACH	9.71	210	eP	54	06.50		-1.7
SAN	9.87	210	eP	54	08.00		-2.4
RFA	10.25	197	ePd	54	11.30		-4.4X
			(S)	56	36.00		
ARE	10.58	322	eP	54	22.00		1.5
LNV	10.63	211	eP	54	20.00		-0.8
BAA	10.99	152	eP	54	28.00		2.3
			S	56	52.00		
VAO	16.38	87	eP	55	36.60		-0.5
			e	55	42.50		
			e	55	45.60		
BAO	18.26	62	iPc	56	02.30		1.5
			i	56	13.20		
			i	56	34.10		
ITA	18.55	86	eP	56	05.70		1.2
RDJ	19.79	88	eP	56	27.60		8.8X
ATB	24.74	31	Pg	57	08.40		0.1
SOB1	27.62	59	eP	57	34.40		-0.7
			e	57	38.90		
			i	57	40.10		
			e	57	45.60		
QUR	28.05	330	eP	57	37.00		-2.5
PSO	28.75	333	eP	57	47.00		1.2
ITR	29.84	62	eP	57	54.20		-1.0
			e	57	57.80		
			e	58	42.80		
			e	59	03.30		
			e	59	43.90		
			e	00	25.10		
			e	00	52.30		
BOG	30.81	342	eP	58	10.00		5.9X
			iS	03	15.00		
FUQ	31.53	343	eP	58	10.00		-0.4
CHN	31.61	339	eP	58	10.00		-0.9
CAI	32.19	60	eP	58	15.40		-0.5
BMG	32.90	345	eP	58	19.60		-2.5
SDV	34.17	350	eP	58	31.00		-1.6
CAR	35.36	356	eP	58	43.00		-0.3
			e	58	48.00		
			ePP	00	08.00		
SJG	42.88	358	e(P)	59	42.00		-3.7X
	0.8s		89.55nm			5.5mb	
Z	20s		1.42um			4.9Msz	
WMO	52.28	328	iP	00	59.00		-0.6
RSCP	63.42	341	eP	02	15.00		-1.6
	0.8s		28.37nm			5.5mb	
RKT	63.46	256	iP	02	18.90		1.0
	0.8s		28.00nm			5.3mb	
BLA	63.62	346	P	02	18.00		-0.7
JCT	64.59	327	iP	02	23.20		-2.0
	0.9s		29.41nm			5.5mb	

SPA	65.14	180	eP	02	27.60		-1.0
	1.0s		75.00nm			5.8mb	
BHO	65.61	333	eP	02	30.40		-1.3
LTX	65.69	323	eP	02	30.50		-1.9
	0.7s		4.13nm			4.7mb	
KIC	66.14	70	eP	02	34.70		-0.8
FVM	67.13	338	eP	02	40.00		-1.3
	1.1s		52.44nm			5.6mb	
TUL	67.32	333	eP	02	41.50		-1.0
	1.0s		21.60nm			5.3mb	
Z	18s		0.74um			4.9Msz	
SIO	67.39	333	eP	02	41.80		-1.2
OCO	67.70	332	e(P)	02	44.50		-0.4
OZD	67.99	330	eP	02	42.70		-4.1X
RSNY	69.79	353	eP	02	58.00		0.3
MNT	70.63	353	iP	03	01.50		-1.2
OTT	70.77	352	eP	03	05.00		1.4
HNME	70.89	358	P	03	05.20		0.9
ALQ	71.53	325	eP	03	07.90		-0.8
	1.0s		24.50nm			5.3mb	
SYO	71.84	158	eP	03	09.30		-0.6
GLD	74.67	329	P	03	28.10		1.1
GDL	74.70	329	eP	03	27.00		-0.3
	1.0s		15.00nm			5.0mb	
GLA	74.88	318	eP	03	29.00		0.8
BAR	75.75	317	eP	03	33.00		-0.2
LHC	76.32	343	eP	03	34.00		-2.0
PLM	76.33	317	eP	03	37.00		0.4
TPC	76.34	318	eP	03	36.00		-0.5
RVR	77.07	317	eP	03	41.00		0.5
RUV	77.18	259	iP	03	43.20		1.7
	1.2s		130.00nm			5.9mb	
VAH	77.38	259	iP	03	44.60		2.0
	1.2s		140.00nm			5.9mb	
TPT	77.47	259	iP	03	45.20		2.1
	1.2s		140.00nm			5.9mb	
GSC	77.61	319	eP	03	44.00		0.4
MWC	77.65	317	eP	03	44.00		0.1
PMO	77.71	259	iP	03	46.40		2.0
	1.2s		135.00nm			5.9mb	
SBB	77.81	318	eP	03	45.00		0.3
TVO	77.85	256	iP	03	48.50		3.3X
	1.2s		115.00nm			5.8mb	
PRN	78.04	321	P	03	46.20		0.3
PPN	78.10	256	eP	03	49.00		2.5
	1.2s		80.00nm			5.7mb	
PAE	78.18	256	iP	03	50.10		3.2X
	1.2s		125.00nm			5.9mb	
PPT	78.21	256	eP	03	50.00		2.8
	1.2s		165.00nm			6.0mb	
YMT3	78.39	320	P	03	48.00		0.2
AFR	78.40	256	iP	03	51.20		3.0X
	1.2s		80.00nm			5.7mb	
ISA	78.86	318	eP	03	51.00		0.6
BDW	79.08	328	eP	03	50.60		-1.1
	1.0s		14.40nm			5.0mb	
GMN	79.24	320	P	03	52.00		-0.6
RSON	79.74	342	eP	03	53.00		-1.8
	1.0s		37.00nm			5.3mb	
MAW	79.86	162	eP	03	55.00		-0.2
EUR	80.00	322	iP	03	56.50		-0.2
	0.2s		25.12nm			5.8mb	
PHAM	80.15	317	P	03	58.00		0.7
SEK	80.49	117	eP	04	01.00		1.4
	1.1s		25.32nm			5.1mb	
PRI	80.51	317	eP	04	00.20		0.8
MNA	80.52	320	eP	04	00.30		0.9
IFR	81.24	47	iP	04	03.00		-0.3
BMN	81.35	322	eP	04	04.10		0.4
	0.7s		2.33nm			4.3mb	X
JAS1	81.52	319	eP	04	03.60		-0.9
MHC	81.89	318	eP	04	07.50		1.0
SLR	82.06	115	iPc	04	07.00		-0.8
	0.6s		26.67nm			5.5mb	
BKS	82.59	318	e(P)	04	11.10		1.1
	1.8s		38.00nm			5.3mb	
LRM	82.73	329	eP	04	10.80		-0.1
ORV	83.22	319	eP	04	12.70		-0.5
MAL	83.66	45	iPc	04	18.00		2.5
BUL	84.02	110	iPc	04	21.60		0.7
	1.0s		40.50nm			5.6mb	
SES	85.51	332	eP	04	23.00		-1.5
FFC	85.90	339	eP	04	24.00		-0.8
	1.3s		45.00nm			5.5mb	
TOL	85.81	42	eP	04	27.00		0.8
NEW	86.71	328	eP	04	29.00		-1.5
KBI	86.86	107	iPc	04	33.20		1.1

EDM	88.57	333	ePc	04	37.50		-1.8
MTD	88.59	108	iPc	04	42.80		2.5
PNT	88.63	328	eP	04	37.00		-0.7
	0.8s		33.00nm			5.7mb	
TET	90.58	108	iP	04	52.00		2.4
			i	05	32.00		
LWI	92.29	94	ePd	05	00.50		2.3
YKC	95.73	339	eP	05	11.50		-0.7
	1.0s		20.00nm			5.5mb	
RSNT	95.76	339	eP	05	12.30		0.0
	1.0s		18.00nm			5.5mb	
YKA	95.78	339	eP	05	12.00		-0.4
MBC	106.40	348	ePdiff	06	05.00		5.2X
CTA	125.97	217	ePKP	10	51.00		1.0
WB2	131.61	204	ePdiff	08	06.00		12.6X
WB2	131.61	204	ePKP	10	55.90		-4.6X
WRA	131.61	204	Pdiffd	08	06.50		13.1X
	0.6s		2.50nm				
WRA	131.61	204	PKPc	10	59.40		-1.3
	0.7s		2.60nm				
GBA	142.68	101	PKP	11	18.00		-3.2X
NDI	145.97	75	ePKP	11	26.00		-0.5
	0.5s		21.13nm				
SHL	158.87	83	ePKP	11	39.50		-5.7X
S.D. = 1.3 on 109 of 126 obs.							

* DEC 14, 1985 03h 13m 03.80± 0.76s
38.682 N ± 7.7km 27.762 E ± 9.4km
DEPTH = 33.0km (normal)
TURKEY (360)

IZM	0.48	234	iPg	13	13.80		-0.4
			iSg	13	26.30		
EZN	1.60	316	ePn	13	30.50		0.5
YER	1.60	165	ePn	13	30.30		0.1
EDC	1.66	3	iPn	13	30.60		-0.4
GPA	2.54	50	ePn	13	48.10		4.4X
BCK	2.54	118	ePn	13	43.70		0.0
ISK	2.58	22	ePn	13	50.20		6.1X
DMK	3.14	360	ePg	14	27.00		35.0X
S.D. = 0.5 on 5 of 8 obs.							

DEC 14, 1985 04h 01m 58.65± 0.40s
33.200 S ± 7.0km 179.089 W ± 8.0km
DEPTH = 33.0km (normal)
4.8mb (5 obs.) 5.3Msz (1 obs.)
SOUTH OF KERMADEC ISLANDS (179)

HBZ	4.88	205	P	03	13.00		1.4
			S	04	06.00		
WIZ	5.28	214	P	03	18.00		0.7
WTZ	5.74	213	P	03	24.00		0.2
			S	04	30.00		
GNZ	5.92	203	P	03	24.90		-1.3
			S	04	34.00		
TUA	6.37	207	P	03	32.00		-0.7
			eS	03	44.00		
KRP	6.43	221	P	03	24.90		-8.6X
CRZ	6.96	258	P	03	42.50		1.6
			S	05	01.00		
NEZ	8.18	220	eP	04	01.00		2.9
WEL	9.44	209	P	04	22.00		6.7X
			S	05	50.00		
MSZ	15.25	218	P	05	31.20		-1.9
			S	08	10.00		
DZM	16.93	307	iPc	05	56.20		1.5
YOU	27.01	259	eP	07	40.70		1.1
CTA	33.46	284	iPc	08	37.00		0.2
	0.7s		9.93nm			4.8mb	
ASPA	42.12	271	eP	09	49.00		-0.6
			eS	16	16.00		
MDG	42.91	303	eP	09	56.00		0.0
WB2	43.35	276	iPc	09	58.00		-1.6
			i	10	09.10		
WRA	43.36	276	Pd	09	58.30		-1.4
	0.8s		19.20nm			4.9mb	
TZZ	46.19	298	eP	10	21.50		-0.9
SPA	50.98	180	iPd	11	43.40		0.2
	1.0s		16.00nm			5.0mb	
Z	20s		2.25um			5.3Msz	
PCI	65.54	286	eP	12	40.00		-1.4
	1.0s		3.00nm			4.3mb	
MWC	88.20	46	eP	14	44.00		-3.8X
MHC	88.26	42	eP	14	48.30		0.4
PLM	88.35	48	eP	14	50.00		1.5
SBB	88.66	46	eP	14	50.00		0.2
ISA	88.93	45	eP	14	52.00		0.9

FRI 89.12 44 eP 14 52.20 0.4
TPC 89.36 48 eP 14 54.00 0.9
JAS1 89.36 42 ePc 14 53.00 0.0
GSC 89.69 46 eP 14 56.00 1.3
CWC 89.69 45 eP 14 55.00 0.2
WDC 90.06 39 eP 14 56.10 -0.1
EUR 92.97 44 iP 15 09.50 -0.4
2.0s 7.18nm 4.8mb
BUL 120.73 211 iPKPc 20 47.20 -2.2
0.9s 5.04nm
KRI 123.20 213 ePKP 20 52.90 -1.3
SOD 142.64 344 ePKP 21 45.00 15.9X
KJF 144.84 340 iPKP 21 29.50 -3.4X
0.8s 19.10nm
AKU 145.52 14 iPKP 21 33.20 -0.8
1.0s 40.00nm
SUF 146.42 339 iPKP 21 34.60 -1.0
0.5s 12.40nm
NB2 151.35 350 PKP 21 47.40 4.0X
0.8s 17.50nm
NRA0 151.59 349 ePKP 21 49.70 6.0X
HFS 151.77 346 ePKP 21 47.60 3.6X
0.6s 9.60nm
KIC 152.78 168 ePKP 21 54.00 7.2X
S.D. = 1.2 on 33 of 42 obs.

DEC 14, 1985 05h 32m 24.34± 0.46s
42.313 N ± 5.2km 19.931 E ± 4.4km
DEPTH = 8.8 ± 3.6 km
YUGOSLAVIA (383)
DUR 3.3 (TTG).

PVY 0.28 6 iPgc 32 29.80 -0.5
eSg 32 35.20
TTG 0.51 283 iPgc 32 34.00 -0.6
eSg 32 44.10
IVA 0.56 358 ePg 32 35.00 -0.6
eSg 32 44.00
ULC 0.62 236 ePg 32 36.60 -0.1
eSg 32 47.00
BDV 0.82 268 iPg 32 40.60 0.3
eSg 32 53.50
NKY 0.85 306 iPg 32 40.50 -0.4
eSg 32 54.50
HCY 1.07 278 iPgd 32 45.00 0.4
eSg 33 02.00
PLE 1.09 339 ePg 32 45.00 0.0
eSg 33 03.50
BRY 1.18 300 ePg 32 46.70 0.1
eSg 33 05.00
GRG 2.29 125 ePn 33 03.00 0.0
KNT 2.50 116 ePn 33 06.20 0.3
eSn 33 36.50
BEO 2.54 8 ePg 33 12.50 6.2X
eSg 33 47.00
LIT 2.93 138 ePn 33 12.60 0.5
eSn 33 47.90
SOH 2.97 119 ePn 33 12.60 0.0
OUR 3.64 122 ePn 33 21.40 -0.6
CEY 5.24 313 ePn 33 47.90 3.1X
2.0s 492.00nm 5.8mb X
eSn 34 48.40
LJU 5.38 316 ePn 33 49.50 2.7
1.6s 490.00nm 5.9mb X
eSn 34 54.60
TRI 5.59 309 ePn 33 50.80 1.1
iSn 34 57.10
i(Sg) 35 28.90
VOY 5.71 313 iPn 33 54.80 3.3X
eSn 36 02.30
ZST 6.21 342 eP 34 05.30 6.9X
KBA 6.69 318 ePn 34 07.50 2.2
i 34 08.30
iSn 35 25.10
BHG 7.36 320 iPd 34 17.70 3.1X
KHC 8.14 329 eP 34 25.10 -0.3
CVF 8.19 275 eP 34 26.30 0.1
0.6s 9.00nm 5.2mb X
LPG 10.03 293 eP 34 53.00 1.1
0.7s 6.60nm 5.2mb X
SMF 12.28 296 eP 35 20.70 -1.5
0.8s 5.30nm 4.9mb X
LBF 12.28 298 eP 35 20.60 -1.7
0.8s 5.30nm 4.9mb X
LOR 12.44 299 eP 35 23.20 -1.2
AVF 12.64 296 eP 35 26.00 -1.0
S.D. = 1.1 on 24 of 29 obs.

DEC 14, 1985 05h 38m 06.85± 0.49s
50.181 N ± 7.5km 12.413 E ± 4.1km
DEPTH = 22.9 ± 8.5 km
GERMANY (543)
ML 4.2 (VKA), 4.0 (KBA), 4.0 (FUR), 3.8 (GRF), 3.6 (BNS). Felt (V) at Selb and (IV) at Hof, Muenchberg and Marktredwitz. Also felt in the Cheb-Sokolov area, Czechoslovakia.

HOF 0.37 291 iPgd 38 13.90 -0.9
MOX 0.69 313 iPg 38 19.50 -0.6
iSg 38 28.00
GRF 0.91 238 iPg 38 24.70 0.8
eSg 38 37.20
eLg 38 39.50
WET 1.08 164 iPgd 38 37.30 10.7X
CLL 1.19 18 iPg 38 27.20 -0.9
iSg 38 42.80
BRG 1.20 54 iPg 38 27.00 -1.3
iSg 38 42.90
KHC 1.30 144 iPn 38 30.50 0.9
iSg 38 47.40
PRU 1.38 97 iPg 38 30.80 -0.1
i 38 31.80
Sg 38 48.60
FUR 2.15 201 ePn 38 46.80 4.8X
iPgc 38 50.00
KMR 2.41 151 ePg 38 51.00 5.4X
i 39 22.40
iSg 39 24.00
BHG 2.48 173 ePn 38 47.90 1.2
STU 2.53 237 ePnd 38 46.00 -1.3
0.4s 15.25nm
ePg 38 53.90
eSg 39 28.00
TNS 2.55 272 ePn 38 50.10 2.4
ePb 38 54.50
iSg 39 26.50
KSP 2.56 74 ePn 38 47.60 -0.3
0.3s 63.00nm
iPg 38 53.50
iS 39 26.00
GAP 2.85 199 iPgc 39 01.70 9.8X
KBA 3.17 168 iPnd 38 57.20 0.6
ic 38 57.80
i 39 36.80
iSg 39 48.80
SCE 3.18 189 iPnd 38 56.90 0.1
VKA 3.20 125 iPnd 38 56.80 0.0
iSg 39 48.30
BGG 3.26 272 iPn 38 57.90 0.2
ePg 39 09.50
eSg 39 48.90
BNS 3.43 285 ePn 39 02.00 1.9
iPg 39 13.80
eSg 39 53.70
iSg 39 54.90
ZST 3.66 121 e(Pn) 39 02.50 -0.9
i(Pg) 39 14.30
e(Sn) 39 41.30
i(Sb) 39 50.90
i(Sg) 39 59.00
i(Sg) 42 37.10
i 05 33.40
CDF 3.80 244 Pn 39 05.40 0.0
0.6s 126.00nm
Pg 39 17.70
Sg 40 06.20
WTS 3.97 299 ePg 39 24.00 16.3X
0.5s 4.00nm
e 40 13.50
WLF 4.08 265 Pn 39 10.30 1.0
Sg 40 16.00
MEM 4.12 278 Pn 39 12.00 2.1
e 39 29.00
Sn 40 02.00
ENN 4.19 281 ePn 39 10.50 -0.3
0.6s 8.00nm
ePg 39 24.50
eSg 40 19.00
VOY 4.27 166 e(Pn) 39 12.00 -0.1
iPg 39 27.70
eSn 40 05.00
iSg 40 30.50

LJU 4.38 160 eP 39 14.50 1.0
e 39 30.00
eSg 40 27.00
BSF 4.38 240 Pn 39 12.70 -1.0
0.6s 133.00nm
Pg 39 28.10
Sn 40 01.40
Sg 40 24.50
HAU 4.54 244 Pn 39 15.20 -0.7
0.4s 85.00nm
Pg 39 32.10
Sn 40 05.50
Sg 40 30.10
TRI 4.57 168 eP 39 16.30 0.0
e 40 05.00
CEY 4.65 162 eP 39 35.20 17.8X
eSg 40 32.20
KRA 4.84 89 eP 39 37.80 17.7X
eS 40 33.20
DOU 5.03 272 Pn 39 23.90 1.1
e 39 41.00
Sn 40 25.00
LPG 6.04 221 Pn 39 35.00 -2.3
1.0s 52.00nm 5.2mb X
Pg 40 01.20
Sn 40 41.80
LOR 6.37,246 Pn 39 39.40 -2.2
0.6s 58.00nm 5.6mb X
Pg 40 05.80
Sg 41 27.80
LBF 6.45 243 Pn 39 41.00 -1.8
0.5s 36.00nm 5.5mb X
Pg 40 07.30
Sg 41 29.30
SSF 6.68 246 Pn 39 44.20 -1.8
0.5s 32.00nm 5.5mb X
Pg 40 12.60
Sg 41 37.80
SMF 6.71 241 Pg 40 11.50 25.0X
0.5s 34.00nm
Sg 41 35.60
GRC 6.82 249 ePn 39 47.80 -0.1
iPg 40 15.10
iSg 41 42.90
AVF 6.91 244 Pg 40 16.10 26.9X
1.0s 44.00nm
Sg 41 44.20
BGF 7.33 244 Pn 39 55.30 0.2
0.4s 38.00nm 5.9mb X
Pg 40 23.40
Sn 41 12.10
Sg 41 56.20
MZF 7.67 243 Pg 40 30.30 30.4X
0.6s 22.00nm
Sg 42 10.10
S.D. = 1.2 on 33 of 43 obs.

DEC 14, 1985 05h 40m 42.32± 0.51s
50.196 N ± 5.9km 12.455 E ± 5.2km
DEPTH = 7.6 ± 5.1 km
GERMANY (543)
ML 4.1 (VKA), 3.8 (KBA), 3.8 (FUR), 3.0 (GRF). Felt (V) at Selb.

HOF 0.39 288 iPgd 40 50.00 -0.2
MOX 0.70 310 iPg 40 55.00 -1.4
iSg 41 04.00
GRF 0.94 238 iPg 41 01.00 0.5
eSg 41 13.40
eLg 41 15.70
WET 1.09 165 iPgd 41 03.70 0.7
BRG 1.17 54 iPg 41 04.50 0.1
iSg 41 19.00
CLL 1.17 17 iPg 41 03.50 -0.9
iSg 41 18.80
KHC 1.29 145 Pg 41 06.60 0.1
Sg 41 24.00
PRU 1.36 98 iPg 41 08.00 0.4
1.0s 378.60nm
Sg 41 25.00
FUR 2.17 201 ePn 41 23.10 3.7X
iPgc 41 26.20
KMR 2.41 152 ePg 41 26.00 3.3X
i 41 58.20
iSg 42 01.40
KSP 2.53 74 ePn 41 25.00 0.5

14d 05h

	0.3s	58.00nm				
			iPg	41	29.70	
			iS	42	01.50	
STU	2.56	237	e(Pg)c	41	30.00	5.2X
	0.4s	84.75nm				
			e(Sg)	42	04.20	
TNS	2.57	272	eP	41	30.50	5.4X
			eSg	42	03.00	
GAP	2.87	199	ePg	41	37.80	8.5X
KBA	3.18	169	iPnc	41	33.80	0.1
	0.6s	6.50nm				
			id	41	34.40	
			i	42	13.10	
			iSg	42	25.90	
			iSg	01	04.40	
			i	01	07.20	
VKA	3.19	126	iPn	41	33.00	-0.7
			i(Sg)	42	26.20	
BGG	3.29	272	ePn	41	34.70	-0.4
			ePg	41	46.20	
			eSg	52	14.40	
CDF	3.83	244	Pn	41	42.00	-1.0
	0.4s	57.00nm				
			Pg	41	53.70	
			Sg	42	44.10	
WLF	4.11	265	Pn	41	48.00	1.3
			Sb	42	50.70	
MEM	4.15	278	Pn	41	49.00	1.7
			Sb	42	52.00	
VOY	4.28	166	eP	41	53.00	3.7X
			i(Pg)	42	06.90	
			e(Sn)	42	41.60	
			iSg	43	06.70	
BSF	4.41	240	Pn	41	49.50	-1.7
	0.6s	79.00nm				
			Pg	42	04.90	
			Sn	42	38.10	
			Sg	43	00.90	
HAU	4.57	244	Pn	41	50.30	-3.1X
	0.4s	54.00nm				
			Pg	42	08.20	
			Sn	42	43.20	
			Sg	43	06.30	
DOU	5.06	272	Pn	42	02.70	2.5
			Sb	43	19.10	
LPG	6.07	221	Pn	42	13.00	-1.8
			Pg	42	37.20	
	S.D. = 1.3	on	18 of	25	obs.	

DEC 14, 1985 05h 51m 58.49± 0.69s
50.234 N ± 6.6km 12.424 E ± 6.2km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.3 (GRF).

MOX	0.66	309	iPg	52	11.50	-0.2
			iSg	52	20.00	
GRF	0.95	236	iPg	52	16.80	0.2
			eSg	52	29.20	
			eLg	52	31.40	
CLL	1.14	19	iPg	52	19.80	0.0
			iSg	52	35.30	
BRG	1.16	56	iPg	52	20.00	-0.2
			iSg	52	35.00	
KHC	1.33	145	iPg	52	22.50	-0.6
			iSg	52	40.40	
PRU	1.39	99	ePg	52	24.50	0.7
			Sg	52	41.30	
	S.D. = 0.6	on	6 of	6	obs.	

DEC 14, 1985 05h 54m 42.95± 0.58s
50.227 N ± 6.1km 12.430 E ± 4.7km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 1.9 (GRF).

HOF	0.36	284	ePg	54	50.50	0.0
MOX	0.67	309	ePg	54	56.00	-0.3
			iSg	55	05.00	
GRF	0.95	236	iPg	55	01.30	0.3
			eSg	55	13.90	
			eLg	55	15.90	
CLL	1.14	18	iPg	55	04.20	-0.1
			iSg	55	19.20	
BRG	1.16	56	iPg	55	04.90	0.4
			iSg	55	20.00	
KHC	1.33	145	iPg	55	07.00	-0.5
			Sg	55	24.60	
PRU	1.38	99	Pg	55	08.50	0.3
			Sg	55	25.80	
FUR	2.20	201	iPgc	55	26.40	6.4X
	S.D. = 0.4	on	7 of	8	obs.	

? DEC 14, 1985 05h 55m 16.38± 1.04s
50.370 N ±18.7km 12.199 E ±16.8km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.2 (GRF).

GRF	0.93	223	ePg	55	34.00	-0.1
			eSg	55	46.60	
			eLg	55	48.70	
GRFO	0.93	223	eP	55	34.00	-0.1
CLL	1.07	28	iPg	55	36.90	0.4
			iSg	55	53.00	
BRG	1.22	65	iPg	55	37.30	-1.8
			iSg	55	52.30	
KSP	2.65	78	eP	56	01.50	1.6
			eS	56	36.50	
	S.D. = 1.7	on	5 of	5	obs.	

DEC 14, 1985 05h 59m 20.87± 0.66s
50.226 N ± 6.4km 12.430 E ± 6.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.7 (FUR), 2.7 (GRF).

MOX	0.67	309	ePg	59	34.00	-0.2
			iSg	59	43.00	
GRF	0.95	236	iPg	59	39.20	0.3
			eSg	59	51.80	
			eLg	59	54.00	
CLL	1.14	18	iPg	59	42.10	-0.2
			iSg	59	57.30	
BRG	1.16	56	iPg	59	42.90	0.3
			iSg	59	57.50	
KHC	1.33	145	iPg	59	45.00	-0.4
			iSg	00	02.50	
PRU	1.38	99	Pg	59	46.30	0.2
			eSg	00	03.50	
FUR	2.20	201	ePg	00	04.30	6.3X
	S.D. = 0.4	on	6 of	7	obs.	

* DEC 14, 1985 06h 02m 12.21± 0.75s
25.045 S ± 8.0km 65.116 W ± 9.3km
DEPTH = 33.0km (normal)
SALTA PROVINCE, ARGENTINA (129)

SLA	0.47	312	iPc	02	21.40	-1.1
			S	02	32.00	
FSA	1.31	218	ePc	02	34.50	0.2
CYA	3.44	190	e(P)	03	03.50	-1.3
			S	03	56.00	
TPZ	3.61	351	iP	03	08.50	1.0
			(S)	03	54.00	
VCA	4.60	216	ePd	03	22.80	1.4
			S	04	39.00	
ITB1	9.75	90	e(P)	04	38.10	4.8X
ITB	9.90	91	e(P)	04	40.00	4.6X
ITB7	9.92	93	e(P)	04	36.10	0.5
BAO	18.57	63	e(P)	06	28.10	-0.6
	S.D. = 1.3	on	7 of	9	obs.	

DEC 14, 1985 06h 03m 31.58± 0.59s
50.223 N ± 6.2km 12.435 E ± 4.8km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

HOF	0.37	285	iPgd	03	38.90	-0.3
MOX	0.67	309	ePg	03	45.00	0.0
			iSg	03	54.00	
GRF	0.95	236	iPg	03	50.00	0.4
CLL	1.15	18	iPg	03	53.00	0.0
			iSg	04	08.90	
BRG	1.16	55	iPg	03	53.20	-0.1
			iSg	04	09.00	
			i	04	14.20	
KHC	1.32	145	iPn	03	55.50	-0.5
			Sg	04	13.10	
PRU	1.38	99	Pg	03	57.30	0.5
			eSg	04	14.50	
FUR	2.19	201	ePg	04	14.90	6.3X
	S.D. = 0.4	on	7 of	8	obs.	

* DEC 14, 1985 06h 03m 37.34± 0.81s
50.243 N ± 8.2km 12.397 E ± 7.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.9 (FUR), 2.7 (KBA).

MOX	0.64	309	ePg	03	50.00	-0.2
			iSg	03	59.00	
GRF	0.94	234	ePg	03	55.70	0.5
GRFO	0.94	235	Pc	03	55.00	-0.3
			Sg	04	09.00	
CLL	1.14	20	iPg	03	58.80	0.2
			iSg	04	14.30	
PRU	1.40	100	ePg	04	02.80	-0.1
			eSg	04	21.00	
FUR	2.21	200	iPgc	04	20.90	6.3X
KBA	3.23	168	iPnc	04	38.70	9.5X
			i(Sn)	05	09.00	
			iSg	05	16.10	
	S.D. = 0.5	on	5 of	7	obs.	

DEC 14, 1985 06h 46m 11.78± 0.14s
3.683 N ± 3.5km 126.600 E ± 4.5km
DEPTH = 22.0km (geophysicist)
5.8mb (62 obs.) 6.1Msz (20 obs.)
TALAUD ISLANDS (263)
Ms 5.6 (PAS). Depth from broadband displacement seismograms.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=340 Dip=60 Slip= 90
NP2: 160 30 90
Principal Axes:
T Plg=75 Azm=250
P 15 70
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 26 No. of sta: 10
Moment Tensor; Scale 10**25 d-cm
Mrr= 2.70 Mtt=-0.19
Mff=-2.51 Mrt= 0.47
Mrf= 1.26 Mtf= 0.91
Principal axes:
T Val= 3.13 Plg=72 Azm=310
N -0.10 15 167
P -3.02 11 74
Best Double Couple:Mo=3.1*10**25
NP1:Strike=146 Dip=37 Slip= 65
NP2: 357 57 108
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 31C
Centroid Location:
Origin Time 06:46:19.3 0.2
Lat 3.84N 0.02 Lon 126.86E 0.02
Dep 28.6 1.4 Half-duration 4.0
Moment Tensor; Scale 10**25 D-CM
Mrr= 2.10 0.04 Mtt=-0.02 0.04
Mff=-2.08 0.06 Mrt=-0.02 0.07
Mrf= 0.18 0.07 Mtf=-0.52 0.04
Principal Axes:
T Val= 2.11 Plg=87 Azm=240
N 0.11 2 13
P -2.21 2 103
Best Double Couple:Mo=2.2*10**25
NP1:Strike=195 Dip=43 Slip= 92
NP2: 12 47 88

MNI	2.84	218	iP	47	03.40	6.7X
DAV	3.53	343	iP+	47	10.00	3.4X
PPR	9.88	308	eP	48	42.00	6.3X
	1.0s	145.00nm				6.3mb X
KKM	10.61	283	ePc	48	50.70	4.9X
	0.7s	367.50nm				6.8mb X
			e	49	21.20	
MKS	11.35	219	iPc	49	01.50	5.7X
			e	54	44.50	
QCP	12.17	334	eP	49	19.00	12.1X
MAN	12.19	334	eP	49	11.00	3.9X
BAG	13.96	335	eP+	49	30.00	-0.9
			eS	52	10.00	
CVP	14.70	342	ePc	49	45.00	4.7X
SZP	15.04	337	iPc	49	51.00	6.2X

PIP	15.69	339	iPc	49	54.00	0.8				S	58	08.00		RIV	43.93	150	eP	54	19.00	0.2
			iS	50	11.00		MRWA	34.26	197	eP	52	58.00	-0.4				eS	00	43.00	
WEW	18.47	113	e(P)	50	34.00	5.8X		0.6s	83.00nm				5.8mb	CAN	44.13	153	iPd	54	20.50	0.0
KNA	19.43	174	eP	50	37.00	-2.8	XAN	34.40	333	Pc	52	58.00	-1.7				i	54	22.70	
	0.6s	460.00nm				5.9mb				iS	58	24.00					i	56	12.90	
GUMO	20.55	60	eP	50	49.50	-2.2	MAT	34.40	17	iPd+	52	57.00	-2.6	TOO	44.64	159	eP	54	24.00	-0.6
PJG	20.55	60	eP	50	49.00	-2.7X		0.8s	74.63nm				5.7mb	WAM	44.81	154	iPd	54	25.80	-0.1
MDG	21.11	115	eP	51	12.00	14.5X	Z	20s	22.52um				5.9Msz	PKI	45.89	305	eP	54	34.00	-1.1
MDG	21.11	115	eP	51	01.00	3.5X				eS	58	16.00		KKN	46.08	306	eP	54	35.60	-0.9
ANP	21.93	348	iP+	51	05.00	-0.7	CD2	34.60	324	eP	53	00.70	-0.8	DMN	46.15	305	eP	54	36.50	-0.6
			iS	55	10.00					PP	54	15.00		PVC	46.32	119	iPc	54	36.00	-2.1
HKC	22.09	328	iPc	51	08.20	1.0				S	58	25.00		DZM	46.61	125	iPc	54	38.80	-1.8
			ipP	51	18.00	36kmX	KLG	34.62	188	eP	53	00.50	-1.0	NOU	46.73	125	iPd	54	40.20	-1.2
			i	52	09.80			0.4s	28.00nm				5.5mb	HYB	49.01	290	ePc	54	59.00	-0.3
			iS	55	09.00		DL2	35.35	353	iPc	53	07.00	-0.6		1.0s	185.00nm				6.1mb
MCO	22.27	326	eP	51	09.50	0.4				PP	54	24.00					eS	02	00.00	
QIZ	22.38	314	iPc	51	09.00	-1.2				S	58	32.00		KOD	49.16	280	eP	54	59.00	-1.8
			S	55	10.00		BAL	35.38	195	eP	53	07.00	-1.0				eS	02	00.00	
MVI	22.46	11	eP	51	10.00	-0.9		0.4s	34.00nm				5.6mb	GBA	49.50	285	P	55	01.50	-1.6
QZH	22.50	341	iPc	51	09.00	-2.3	HNR	35.69	112	e(P)	53	11.00	0.1	WMO	52.69	325	Pc	55	26.20	-0.8
			iS	55	11.00		KLB	36.07	193	eP	53	13.00	-0.9				pP	55	34.00	26kmX
GZH	23.17	328	iPc	51	18.00	0.2		0.7s	130.00nm				5.9mb				PcP	56	38.50	
KGM	23.31	267	ePd	51	22.10	2.8	TIY	38.27	341	P	53	14.60	-1.0				PP	57	34.00	
	0.9s	136.10nm				5.5mb				PP	54	39.00					ScP	00	32.00	
PMG	24.26	123	eP	51	25.50	-3.1X				S	58	50.50					PcS	00	35.00	
WRA	24.68	162	Pc	51	29.70	-2.9	MUN	36.81	195	eP	53	19.50	-0.6				iS	02	51.00	
	0.8s	269.30nm				5.9mb		0.8s	111.00nm				5.7mb				ScS	05	13.00	
WB2	24.68	162	iPc	51	30.20	-2.4		Z 20s	6.00um				5.4Msz	NDI	53.04	303	iPc	55	22.00	-7.7X
			iS	55	48.80		RMO	36.86	146	eP	53	19.00	-1.6		0.9s	71.43nm				5.6mb
KLM	24.92	269	eP	51	37.00	2.1	BJI	37.40	347	iP+	53	25.00	0.1				eS	02	44.00	
IPM	25.52	273	ePc	51	42.00	1.3		Z 21s	13.10um				5.7Msz	POO	53.61	290	iPc	55	32.50	-1.6
	0.7s	116.00nm				5.6mb		N 18s	10.70um								iS	03	04.00	
			e	51	52.00			E 18s	4.20um					NDF	54.47	115	eP	55	40.90	0.6
			e	58	50.30					esP	53	33.00		BOM	54.64	290	iPc	55	39.00	-2.5
MBL	25.56	195	eP	51	41.00	0.1				ePP	54	52.00					iS	03	17.00	
SNG	26.09	279	iPc	51	47.00	1.0				ePPP	55	12.00		CRZ	57.57	135	P	56	02.00	-0.4
	1.0s	180.00nm				5.7mb				S	59	08.00		KSH	57.95	315	Pc	56	06.00	0.8
			iS	56	18.00					esS	59	18.00					iS	04	05.00	
RAB	26.72	107	eP	51	56.00	4.3X				PcS	59	35.00		KRP	61.36	137	Pd	56	27.90	-0.5
			iS	56	28.00					eSS	01	32.00					pP	56	37.00	30kmX
SSE	27.74	350	iP+	52	01.00	0.2				eScS	03	39.00					i	56	41.10	
	4.0s	5.10nm				3.6mb X	NWAO	37.48	193	iPc	53	25.88	0.2				i	56	56.30	
N	24s	17.90um						0.6s	80.00nm				5.7mb	TCW	62.28	141	P	56	33.00	-1.6
E	24s	23.50um								epP	53	32.66	23kmX	SMY	62.57	30	P	56	37.60	1.3
			S	56	34.00		SNY	38.07	356	iPc	53	30.80	0.3	WEL	62.63	141	P	56	36.00	-0.9
			sS	56	40.00					PP	55	00.00			Z 19s	15.28um				6.2Msz
			ScP	59	20.00					iS	59	18.00					ScP	01	22.00	
			PcS	59	30.00		STK	38.13	159	iPd	53	29.50	-1.7				S	05	00.00	
			SS	02	51.00			0.9s	404.00nm				6.2mb	GNZ	63.41	137	P	56	49.20	-1.9
NNT	28.00	290	eP	52	04.60	1.2				e	55	07.00		ADK	67.07	34	P	57	06.40	0.9
ASPA	28.10	166	iPd	52	02.20	-2.0	LZH	38.48	330	iPc	53	34.50	0.3		0.9s	70.83nm				5.8mb
	0.6s	283.00nm				6.2mb		5.0s	1732.00nm				6.1mb X	DRV	70.84	174	eP	57	28.40	-0.1
			eS	57	02.00			N 19s	28.90um					HON	75.06	69	P	58	05.40	11.2X
NAU	28.23	202	eP	52	05.50	0.1				pP	53	51.50	69kmX	OPA	75.07	69	P	57	59.20	4.9X
	0.5s	81.00nm				5.7mb				sP	53	58.50		IR2	76.25	306	eP	57	59.00	-1.9
NST	28.63	296	eP	52	12.40	3.3X				PP	55	06.00		KER	79.26	304	eP	58	17.00	-0.6
WHN	29.12	338	iPc	52	13.50	0.3				eS	59	45.00		SLY	80.63	305	ePd	58	23.00	-1.6
			iPP	53	00.20		RKG	38.62	193	eP	53	40.00	4.7X				eS	08	48.00	
NJ2	29.14	346	Pc	52	12.00	-1.5		0.5s	63.00nm				5.6mb	AVY	80.69	250	iPd	58	26.20	0.7
			S	57	04.00		HHC	39.40	342	Pd	53	42.00	0.1	TTA	81.00	27	eP	58	27.00	0.8
GYA	29.62	322	Pc	52	17.50	-0.6				PP	54	12.00		BHD	81.48	303	eP	58	28.00	-1.2
			PP	53	08.00		BTO	39.68	340	iPc	53	43.00	-1.1				iS	08	34.00	
			S	57	10.00					sP	53	52.50		KDC	82.04	32	P	58	26.70	-4.8X
WBN	29.65	180	eP	52	18.00	-0.1				PP	55	16.00			1.0s	90.00nm				5.8mb
KHT	29.72	294	eP	52	21.10	2.2				S	59	40.00		KDC	82.04	32	eP	58	32.40	0.9
BDT	30.24	298	eP	52	21.80	-1.6	SHL	39.80	307	iP	53	44.60	-0.8	BRW	82.26	18	eP	58	37.00	4.5X
	0.7s	115.10nm				5.8mb				iS	59	46.80		IMA	82.48	24	eP	58	34.40	0.5
CTA	30.51	141	iPd	52	23.70	-2.1	CN2	39.96	359	iPc	53	45.00	-1.3	MSL	82.56	306	ePd	58	34.00	-0.7
	1.4s	183.72nm				5.7mb				PP	55	19.00					eS	06	54.00	
			iS	57	18.00					PcP	55	55.00		MAW	83.67	200	eP	58	40.00	0.3
CHG	30.94	301	iPc	52	29.20	-0.4				S	59	41.00		PMR	84.05	29	P	58	39.50	-2.3
	0.9s	96.64nm				5.6mb	ADE	40.09	164	iPd	53	47.00	-0.6	PME	84.10	29	eP	58	42.00	0.0
			eS	57	04.00			0.7s	150.68nm				5.8mb		1.0s	175.00nm				6.2mb
CHTO	30.94	301	iPc	52	28.78	-0.8	MDJ	40.85	3	Pc	53	53.00	-0.6	SBA	84.31	172	iP	58	44.50	1.7
			epP	52	35.90	25kmX				S	00	00.00			1.2s	56.25nm				5.7mb
MEK	31.11	194	eP	52	30.00	-1.0	COO	41.76	146	eP	54	00.00	-1.3				(S)	09	08.00	
	0.5s	160.00nm				6.1mb	LSA	42.37	312	iPc	54	07.50	0.6				LR	36	50.00	
SHK	31.21	10	iPc	52	30.50	-1.3				PcP	56	00.00		COL	84.82	25	iPc	58	43.67	-2.0
KMI	31.32	315	Pc+	52	32.00	-1.2				iS	00	26.00			1.2s	73.44nm				5.8mb
	6.0s	1.10nm				2.9mb X				ScS	04	09.00			Z 22s	5.19um				5.9Msz
N	16s	11.00um					YOU	42.98	153	iPd	54	10.80	-0.4				epP	58	50.13	20kmX
			pP	52	42.00	36kmX	GTA	43.07	329	iPc	54	11.00	-1.0				eS	09	10.00	
			PP	53	33.00					PcP	56	04.80		FBA	84.82	25	P	58	41.00	-4.6X
			S	57	27.00					iS	00	26.00		FBA	84.82	25	eP	58	44.40	-1.2
			sS	57	41.00		BFD	43.28	161	iPc	54	13.10	-0.4		1.0s	195.30nm				6.3mb
			SS	59	02.00			0.6s	81.00nm				5.7mb	RTB	84.90	303	iPd	58	47.00	0.2
TIA	33.53	346	Pc	52	51.10	-1.0				e	56	03.00								

14d 06h

			iS	09 12.00		
AFR	85.03	108	iP	58 49.60	2.1	
	1.0s		55.00nm			5.7mb
PPT	85.22	108	iP	58 50.60	2.1	
	1.0s		115.00nm			6.1mb
PAE	85.23	108	iP	58 50.20	1.7	
	1.0s		50.00nm			5.7mb
PPN	85.36	108	iP	58 52.10	3.0X	
	1.0s		65.00nm			5.8mb
TVO	85.55	108	iP	58 52.20	2.0	
	1.0s		100.00nm			6.0mb
PMO	86.61	105	iP	58 58.50	3.1X	
	1.1s		100.00nm			6.0mb
TPT	86.87	105	iP	58 58.70	2.1	
	1.1s		60.00nm			5.7mb
VAH	86.88	105	iP	58 58.50	1.8	
	1.1s		70.00nm			5.8mb
RUV	87.11	105	iP	58 59.90	2.1	
	1.1s		70.00nm			5.8mb
AAE	87.30	279	eP	59 02.50	3.3X	
YAH	87.65	30	eP	58 59.40	-0.5	
BHL	88.76	304	Pd	59 06.00	0.4	
			S	09 35.00		
MGI	89.03	302	iP	59 08.00	1.2	
JER	89.28	302	iPc	59 09.00	0.9	
			eS	09 59.00		
PRNI	89.55	300	iP	59 10.00	0.6	
NAI	89.88	269	iPc	59 13.00	1.5	
	1.1s		126.58nm			6.1mb
KEV	89.89	340	iP	59 10.80	0.7	
	0.8s		38.10nm			5.7mb
			i	59 25.00		
			ePP	02 50.00		
			eS	09 56.00		
SOD	90.46	338	iP	59 12.80	0.0	
KJF	90.56	334	iP	59 12.80	-0.6	
	0.8s		70.40nm			6.0mb
Z	20s		21.80um			6.6Msz
			eSKS	09 40.00		
			eS	10 00.00		
			LR	43 00.00		
CSS	90.59	305	eP	59 14.30	0.2	
KBS	91.03	350	iP+	59 16.00	0.7	
SUF	91.53	333	iP	59 16.90	-0.9	
	0.6s		43.20nm			6.0mb
MBC	92.03	13	iPc	59 20.10	0.2	
	0.6s		20.00nm			5.7mb
SYO	92.37	201	iP	59 22.90	1.4	
GPA	92.44	310	eP	59 23.10	0.6	
TRO	92.65	340	eP	59 22.90	0.1	
NUR	92.68	331	iP	59 23.20	0.1	
	0.7s		42.70nm			6.0mb
			i	59 28.20		
			eSKS	09 56.00		
			eS	10 20.00		
			ePS	11 36.00		
HLW	92.74	300	iP+	59 22.00	-2.0	
			iS	09 59.00		
ELL	93.18	307	eP	59 24.50	-1.6	
SPA	93.66	180	iPc	59 27.80	0.1	
	1.0s		32.50nm			5.7mb
Z	20s		5.95um			6.0Msz
ALE	93.80	1	eP	59 26.00	-1.9	
TET	93.91	254	iP	59 30.00	0.4	
YER	94.42	308	eP	59 31.10	-0.6	
CVO	94.63	316	ePd	59 32.00	-0.5	
MLR	94.85	316	ePd	59 33.50	-0.1	
JMB	94.91	313	eP	59 35.00	1.3	
IZM	95.04	309	eP	59 33.80	-0.7	
EZN	95.53	310	eP	59 34.50	-2.1	
DIM	95.71	313	eP	59 37.00	-0.4	
PVL	95.81	314	iPc	59 39.00	1.1	
MTD	95.85	254	iPc	59 38.60	0.0	
KDZ	95.95	312	iPc	59 37.00	-1.6	
BMR	96.08	319	ePd	59 42.00	3.0X	
UPP	96.24	331	iP	59 45.10	5.7X	
			iS	10 48.60		
PLD	96.34	313	eP	59 41.00	0.7	
MMB	97.16	313	iPd	59 43.00	-1.1	
VTS	97.34	314	iP	59 46.00	1.2	
KRI	97.74	254	iPd	59 47.00	-0.2	
KRA	97.80	321	eP	59 47.90	1.2	
	0.8s		32.00nm			5.9mb
Z	22s		9.60um			6.2Msz
N	22s		3.10um			
E	22s		6.00um			
			i	59 52.40		

			i	59 54.20		
			eS	11 09.00		
LWI	97.92	268	ePd	59 47.50	-0.8	
HFS	98.00	332	eP	59 46.20	-1.2	
	0.8s		29.70nm			5.9mb
BUL	98.75	250	iPd	59 51.70	0.0	
	0.9s		25.21nm			5.8mb
			iSKS	10 34.00		
			iS	10 59.50		
NRA0	98.75	333	eP	59 51.40	0.6	
NB2	98.77	334	P	59 50.20	-0.7	
	0.8s		25.30nm			5.8mb
BEO	98.78	316	eP	59 51.00	-0.2	
SLR	99.08	245	iPd	59 53.50	0.4	
	0.6s		16.00nm			5.7mb
SRO	99.44	320	eP	59 45.60	-8.6X	
SRO	99.44	320	iP	59 53.20	-1.0	
N	18s		4.90um			
E	20s		3.80um			
YKA	99.59	24	eP	59 55.20	0.6	
RSNT	99.61	24	eP	59 55.00	0.4	
	0.9s		10.08nm			5.4mb
YKC	99.66	24	eP	59 55.00	0.1	
	0.8s		13.00nm			5.5mb
KSP	99.80	323	eP	59 56.30	0.5	
	1.0s		49.00nm			6.0mb
KONO	100.09	333	ePdiff	59 58.00	1.2	
ZST	100.10	320	ePdiff	59 56.70	-0.5	
			e	04 28.30		
PRU	101.14	322	Pdiff	00 03.50	1.7	
Z	17s		4.40um			6.0MszX
N	17s		1.40um			
E	19s		4.60um			
			e	00 11.00		
BRG	101.20	323	iPdiff	00 02.50	0.5	
	1.5s		36.00nm			5.7mb
Z	20s		8.00um			6.2Msz
N	20s		3.00um			
E	20s		7.00um			
			i	00 13.00		
			e	03 45.00		
			e	04 30.00		
CLL	101.60	324	ePdiff	00 03.00	-0.8	
Z	18s		6.00um			6.2Msz
			eS	11 39.00		
KHC	102.02	322	iPdiff	00 06.50	0.7	
	1.0s		14.00nm			5.5mb
Z	17s		2.30um			5.8MszX
N	18s		2.00um			
E	18s		2.00um			
			e	00 16.50		
			e	01 17.90		
			e	03 53.00		
			e	04 28.30		
LJU	102.44	319	e(Pdif	00 03.50	-4.2X	
			e	04 26.50		
			eS	10 44.00		
			e(S)	11 48.00		
HOF	102.63	323	ePdiff	00 08.50	0.1	
Z	19s		7.20um			6.2Msz
MOX	102.66	324	ePdiff	00 09.00	0.5	
	1.7s		41.00nm			5.8mb
Z	19s		6.40um			6.2Msz
N	24s		5.00um			
E	24s		3.50um			
			e	00 17.00		
			e	03 14.00		
			ePP	04 25.00		
			ePP	06 28.00		
			eSKS	10 48.00		
			eS	11 50.00		
			ePS	13 20.00		
			ePPS	14 20.00		
			eSS	18 45.00		
			eLR	31 00.00		
			LQ	43 00.00		
VOY	102.86	319	ePdiff	00 08.00	-1.7	
KBA	102.87	320	ePdiff	00 08.00	-1.8	
	0.8s		14.80nm			5.8mb
			i	00 20.30		
			i	04 40.70		
BHG	102.95	321	ePdiff	00 10.90	1.0	
TRI	103.05	318	ePdiff	00 11.50	1.1	
			ePP	04 17.90		
			e	04 37.10		
			iSKS	10 48.00		
			iS	11 52.00		

			eSPP	14 20.00		
			iSS	19 40.00		
			iSSS	23 42.00		
GRF	103.25	323	ePdiff	00 10.20	-1.0	
Z	20s		6.00um			6.1Msz
			e	00 20.90		
NEW	104.35	38	ePdiff	00 17.00	0.8	
Z	22s		3.00um			5.8Msz
EDM	104.45	33	ePdiff	00 18.50	2.0	
WTS	104.86	326	ePdiff	00 20.50	2.3	
	0.8s		5.00nm			5.5mb
			e	00 29.00		
			e	03 55.00		
FIR	105.39	317	ePKP	04 28.00	-6.7X	
DBN	105.71	327	ePdiff	00 30.00	8.0X	
Z	20s		6.00um			6.1Msz
			e	04 40.00		
ENN	105.91	325	ePdiff	00 23.00	0.1	
	1.0s		10.00nm			5.8mb
			e	03 55.00		
MEM	105.93	325	Pdiff	00 30.40	7.4X	
WLF	106.27	324	Pdiffc	00 28.40	3.9X	
WLF	106.27	324	PKP	04 43.20	7.0X	
UCC	106.77	326	Pdiff	00 33.00	6.2X	
			e	15 11.00		
DOU	106.97	325	Pdiff	00 26.00	-1.7	
SES	107.03	34	ePdiff	00 31.00	3.0X	
SES	107.03	34	ePKPc	04 52.80	15.1X	
BMN	107.15	46	e(Pdif	00 40.70	11.7X	
GDH	107.22	0	iPKP-	04 50.00	12.6X	
Z	19s		3.65um			6.0Msz
			e	11 50.00		
EUR	108.38	46	iPdiff	00 35.00	0.4	
	1.0s		1.92nm			5.2mb
MWC	108.56	52	ePKP	04 48.00	6.7X	
LOR	108.72	323	ePKP	04 41.70	0.7	
LBF	108.77	322	ePKP	04 42.30	1.2	
SSF	109.02	323	ePKP	04 43.10	1.6	
	0.7s		4.40nm			
FFC	109.33	27	ePdiff	00 46.00	7.9X	
	1.1s		7.00nm			
BGF	109.66	322	ePKP	04 44.50	1.7	
MZF	109.98	322	ePKP	04 44.80	1.4	
TCF	110.18	322	ePKP	04 45.40	1.6	
	0.8s		5.90nm			
LSF	110.61	323	ePKP	04 45.80	1.2	
	0.7s		3.30nm			
MFF	111.44	324	ePKP	04 46.80	0.7	
LPO	111.58	321	ePKP	04 48.60	2.2	
RSON	115.66	27	ePKP	04 53.80	-0.3	
	0.6s		5.72nm			
GOL	115.70	42	ePKP	04 45.00	-9.9X	
	0.7s		7.28nm			
ALQ	117.15	48	ePKP	04 58.00	0.3	
Z	18s		3.26um			6.0Msz
LHC	119.42	27	ePKP	05 02.50	1.2	
PTO	119.54	322	ePKP	05 03.00	1.3	
SCH	120.66	9	ePKP	05 04.00	0.5	
IFR	121.32	313	iPKP	05 07.00	1.4	
LTX	121.73	52	ePKP	05 07.50	1.1	
	0.8s		4.38nm			
OZO	122.30	44	ePKP	05 05.40	-1.9	
OCO	123.23	43	ePKP	05 10.50	1.5	
TUL	124.13	41	ePKPd	05 11.30	0.5	
	1.4s		70.20nm			
Z	22s		6.89um			6.3Msz
JCT	124.19	49	iPKP	05 11.50	0.4	
	0.9s		75.63nm			
Z	20s		3.19um			6.0Msz
BHO	125.64	42	ePKPd	05 13.00	-0.7	
FVM	126.19	36	ePKP	05 14.30	-0.4	
	0.1s		2413.79nm			
POW	126.93	38	PKP	05 13.60	-2.5	
OTT	127.25	20	ePKP	05 19.00	2.6	
ELC	127.36	36	PKP	05 13.80	-3.1X	
MNT	127.82	18	ePKP	05 11.00	-6.5X	
KIC	130.40	281	ePKP	05 18.40	-5.0X	
KIC	130.40	281	ePKP	05 24.40	1.0	
			e	08 44.90		
RSCP	130.64	35	ePKP	05 23.80	0.5	
	0.6s		9.69nm			
NAV	131.91	30	PKP	05 25.00	-0.6	
BLA	132.17	29	PKP	05 16.60	-9.6X	
	0.8s		44.13nm			
CVL	132.47	27	PKP	05 11.00	-15.6X	
GIE	143.02	86	(PKP)	05 41.00	-5.7X	
GCM	144.24	49	ePKP	05 47.00	-1.6	

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LNV   145.52 153 iPKPc 05 50.50   0.1
TACH  145.99 153 ePKP  05 52.00   0.7
RFA   146.05 157 ePKPc 05 52.60   1.2
PCH   146.20 154 ePKP  05 52.50   0.8
SAN   146.28 153 ePKP  05 53.00   1.2
BACH  146.44 154 ePKP  05 53.50   1.4
ROCH  146.53 153 ePKP  05 53.00   0.6
PEL   146.53 153 ePKP  05 53.00   0.8
FCH   146.55 154 ePKP  05 55.00   2.4
STH   148.37  46 iPKPd 06 01.37   5.9X
ZON   148.78 154 ePKP  06 01.00   5.1X
UPA   151.07  64 ePKPd 06 05.70   6.0X
       0.9s   151.26nm
      Z  20s     2.13um          5.9Msz
VCA   151.38 152 ePKPc 06 07.10   7.1X
ANT   154.19 142 iPKP  06 13.70   9.8X
QUR   154.65  83 ePKP  06 15.50  10.2X
PSO   155.60  79 ePKP  06 07.50   0.9
SLA   156.05 152 ePKP  06 08.00   1.4
CHN   156.20  69 ePKP  06 08.00   0.9
BMG   157.64  61 ePKP  06 09.60   0.8
BOG   157.77  68 iPKP  06 09.50   0.2
                 ePP   10 04.00
ARE   158.16 127 ePKP  06 26.00  16.4X
RDJ   158.51 206 ePKP  06 10.40   1.0
TPZ   158.65 147 PKPc  06 12.50   2.4
ITB7  158.67 178 e(PKP)06 21.80  12.2X
SDV   158.76  54 ePKP  06 11.10   0.9
ITB1  159.14 177 e(PKP)06 11.40   1.4
ITA   159.59 204 ePKP  06 14.60   3.6X
                 e     06 49.20
VAO   159.81 197 ePKP  06 05.90  -5.1X
                 e     06 11.50
                 e     06 41.70
                 e     06 53.20
CAR   160.50  44 ePKP  06 13.00   1.1
CNCB  160.63 133 PKP   06 14.00   1.4
LPB   160.72 133 PKPc  06 14.80   2.3
      Z  23s     2.65um
                 PP    10 38.00
                 LR    03 10.00
ZOBO  160.87 132 PKP+  06 13.50   0.7
       1.4s    69.06nm
                 LR    01 40.00
CCH   161.52 138 ePKP  06 17.00   3.9X
CUM   162.32  37 ePKP  06 27.00  13.4X
CAI   163.56 259 ePKP  06 15.70   0.8
ITR   164.28 251 iPKPd 06 15.90   0.3
SOB1  166.42 246 iPKPd 06 18.40   1.0
                 e     06 25.40
                 e     06 36.50
                 e     06 49.50
                 e     06 56.00
                 i     07 20.70
BAO   166.99 204 ePKPc 06 18.40   0.5
                 i     07 22.90
ATB   178.76 288 PKPd  06 21.90  -0.4
     S.D. = 1.2  on 235 of 296 obs.

   DEC  14, 1985  07h 14m 26.48± 0.25s
    3.617 N ± 4.5km   126.650 E ± 7.6km
    DEPTH =  33.0km  (normal)
    5.1mb ( 17 obs.)
 TALAUD ISLANDS                    (263)

DAV     3.61 343 eP    15 24.00   2.5
PCI     8.16 237 eP    16 29.30   3.7X
                 IS    17 55.00
PPR     9.96 308 eP    16 59.00   8.5X
KKM    10.67 283 ePd   17 04.80   4.5X
       0.7s    66.40nm          6.0mb X
PGP    11.32 331 iPc   17 20.00  11.0X
MKS    11.33 219 e(P)  17 24.00  14.8X
                 e     18 41.00
MAN    12.27 334 eP    17 27.00   5.1X
TZZ    17.02 121 eP    18 23.50  -0.3
KNA    19.36 174 eP    18 50.00  -2.4
GZH    23.25 328 eP    19 31.50  -0.4
KGM    23.36 267 ePc   19 36.00   2.9
PMG    24.19 122 eP    19 27.00 -14.1X
WRA    24.60 162 Pc    19 43.50  -1.6
       0.6s    64.50nm          5.4mb
WB2    24.61 162 eP    19 43.90  -1.3
                 eS    24 06.50
MBL    25.51 195 eP    19 54.00   0.2
IPM    25.58 273 ePc   19 55.70   1.2
                 e     20 49.00

SSE    27.81 350 P     20 15.00   0.2
LOE    28.02 301 eP    20 11.80  -5.0X
ASPA   28.02 166 eP    20 16.00  -0.8
                 e     25 15.00
NAU    28.19 202 eP    20 18.00  -0.2
       0.5s    16.00nm          5.0mb
NST    28.71 296 eP    20 24.20   1.2
WHN    29.20 338 iPd   20 28.00   0.8
NJ2    29.22 346 Pd    20 29.80   2.4
WBN    29.58 180 eP    20 31.50   0.7
GYA    29.71 322 P     20 30.80  -1.3
CTA    30.43 141 eP    20 37.00  -1.3
CHG    31.01 301 iPc   20 43.00  -0.6
       0.8s    14.93nm          4.8mb
MEK    31.06 194 eP    20 43.00  -0.8
       0.6s    29.00nm          5.3mb
KMI    31.40 315 Pc    20 48.00   0.8
TIA    33.61 346 eP    21 05.40  -0.6
MRWA   34.21 197 eP    21 11.00  -0.3
MAT    34.45  17 iPc   21 11.80  -1.5
       1.1s    29.11nm          5.1mb
XAN    34.48 333 P     21 11.60  -2.0
CD2    34.69 324 eP    21 13.90  -1.5
BAL    35.33 195 eP    21 20.70  -0.1
DL2    35.42 353 eP    21 21.40  -0.1
KLB    36.02 193 eP    21 26.70   0.0
       0.5s    11.00nm          5.0mb
TIY    36.35 341 P     21 28.00  -1.4
MUN    36.76 195 eP    21 33.00   0.1
NWAO   37.42 193 eP    21 39.00   0.6
       0.4s     6.00nm          4.8mb
BJI    37.48 347 Pc+   21 38.50  -0.3
STK    38.05 159 eP    21 42.00  -1.7
SNY    38.14 356 iPc   21 44.50   0.2
LZH    38.56 330 eP    21 48.00  -0.2
       2.0s   115.00nm          5.3mb
RKG    38.57 193 eP    21 52.00   3.9X
HHC    39.48 342 eP    21 56.00   0.3
BRS    39.82 142 P     21 58.20  -0.4
SHL    39.88 307 iP    21 58.20  -1.1
ADE    40.02 165 iPc   22 01.50   1.4
       0.6s    26.67nm          5.2mb
CN2    40.03 359 Pc    21 59.00  -1.1
MDJ    40.91   3 iPc   22 07.00  -0.3
LSA    42.45 312 eP    22 21.80   1.1
YOU    42.90 153 eP    22 23.80   0.1
GTA    43.15 329 P     22 24.40  -1.5
BFD    43.20 161 eP    22 26.00  -0.1
CAN    44.05 153 eP    22 33.90   0.8
WAM    44.73 154 eP    22 39.00   0.5
DZM    46.54 125 iPc   22 52.90  -0.3
HYB    49.08 290 eP    23 13.00   0.0
KOD    49.22 280 eP    23 19.00   4.5X
GBA    49.57 285 P     23 15.70  -1.1
WMQ    52.77 325 P     23 40.30  -0.5
NDI    53.12 303 eP    23 40.50  -3.0X
       0.5s    14.08nm          5.2mb
POO    53.68 290 iPd   23 46.50  -1.2
IR2    76.33 306 eP    26 13.00  -1.4
AVY    80.71 250 eP    26 37.60  -1.1
IMA    82.52  24 eP    26 48.10   0.9
PME    84.13  29 eP    26 55.10  -0.2
       1.0s    40.00nm          5.5mb
COL    84.86  25 eP    27 00.00   1.1
FBA    84.86  25 eP    26 59.00   0.1
       1.0s     6.00nm          4.7mb
NAI    89.93 269 eP    27 19.00  -5.8X
       0.8s    18.66nm          5.4mb
SOD    90.54 338 eP    27 24.00  -2.2
KJF    90.66 334 eP    27 25.00  -1.8
SUF    91.62 333 iP    27 30.20  -1.0
       0.4s     2.50nm          5.0mb
SPA    93.59 180 ePd   27 42.00   1.6
       1.0s     5.00nm          4.9mb
MTD    95.88 254 ePKP  27 59.00   7.2X
KRI    97.76 254 ePKP  28 00.20  -0.2
HFS    98.08 332 eP    27 59.20  -1.6
       0.6s     2.90nm          5.0mb
BUL    98.77 250 iPd   28 05.30   0.4
       1.0s     6.00nm          5.1mb
YKA    99.63  24 eP    28 10.20   2.3
BRG   101.28 323 e(Pdif28 15.00  -0.4
JCT   124.19  49 ePKP  33 23.50  -0.6
       1.0s    17.50nm
KIC   130.47 281 ePKP  33 37.10   0.6
SAN   146.20 153 ePKP  34 07.00   2.3
BACH  146.36 154 ePKP  34 07.50   2.5

ROCH  146.44 153 ePKPd 34 07.20   1.9
PEL   146.45 153 iPKPd 34 07.70   2.6
TPZ   158.57 147 ePKP  34 23.00   0.8
CNCB  160.55 133 PKP   34 27.00   1.5
LPB   160.64 133 ePKP  34 25.00  -0.4
ZOBO  160.79 132 iPKP  34 28.00   2.3
SOB1  166.44 245 ePKP  34 31.30   0.9
                 e     35 33.10
                 e     35 42.00
     S.D. = 1.3  on  79 of  92 obs.

*  DEC  14, 1985  08h 34m 36.32± 0.91s
    5.273 S ±16.0km   151.326 E ±10.4km
    DEPTH = 114.1 ± 12.0 km
    4.3mb (  1 obs.)
 NEW BRITAIN REGION                (192)

BIAL    0.28 262 iPc   34 52.50  -1.4
RAB     1.36  38 iPc   35 03.00   0.8
       0.5s   169.01nm
                 iS    35 22.50
BGA     3.93 103 iPd   35 35.30  -0.6
PAA     4.27 104 iP    35 41.00   0.6
                 eS    36 34.00
ALOA    5.08 191 iPd   35 51.20  -0.3
PMG     5.83 225 eP    36 04.00   2.2
WB2    22.03 227 eP    39 22.10  -0.5
WRA    22.04 227 Pd    39 22.40  -0.3
       0.8s    10.80nm          4.3mb
ASPA   24.83 221 eP    39 49.00  -0.6
     S.D. = 1.3  on   9 of   9 obs.

   DEC  14, 1985  08h 34m 50.03± 0.68s
   50.230 N ± 6.6km   12.428 E ± 6.1km
   DEPTH =  10.0km  (geophysicist)
 GERMANY                           (543)
      ML 2.4 (GRF).

MOX     0.67 309 ePg   35 03.00  -0.3
                 iSg   35 12.50
GRF     0.95 236 iPg   35 08.50   0.4
                 eSg   35 21.00
                 eLg   35 23.10
CLL     1.14  18 iPg   35 11.20  -0.2
                 iSg   35 26.80
BRG     1.16  56 iPg   35 12.00   0.2
                 iSg   35 27.20
KHC     1.33 145 iPg   35 14.00  -0.6
                 iSg   35 31.50
PRU     1.38  99 Pg    35 15.70   0.4
                 Sg    35 32.80
     S.D. = 0.5  on   6 of   6 obs.

?  DEC  14, 1985  08h 36m 26.39± 1.14s
   50.270 N ±11.6km   12.400 E ± 9.4km
   DEPTH =  10.0km  (geophysicist)
 GERMANY                           (543)

MOX     0.63 307 ePg   36 39.00   0.0
                 eSg   36 48.00
GRF     0.96 233 ePg   36 44.60   0.0
                 eSg   36 57.10
                 eLg   36 59.20
CLL     1.11  20 iPg   36 47.20   0.0
                 eSg   37 03.00
BRG     1.16  58 iPg   36 48.00   0.0
                 iSg   37 03.50
     S.D. = 0.0  on   4 of   4 obs.

   DEC  14, 1985  08h 36m 54.76± 0.73s
   50.255 N ± 8.3km   12.410 E ± 5.2km
   DEPTH =  10.0km  (geophysicist)
 GERMANY                           (543)
      ML 2.3 (GRF).

HOF     0.35 280 iPgd  37 02.00   0.1
MOX     0.64 308 iPg   37 07.50  -0.1
                 iSg   37 17.00
GRF     0.95 234 iPg   37 12.90   0.0
                 eSg   37 25.50
                 eLg   37 27.60
CLL     1.12  19 iPg   37 15.90   0.1
                 iSg   37 30.70
BRG     1.16  57 iPgc  37 16.30  -0.1
                 iSg   37 31.80
PRU     1.40 100 Pg    37 20.30   0.0
                 Sg    37 37.00
```

14d 08h

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

* DEC 14, 1985 09h 06m 41.20± 1.55s
44.850 N ± 5.0km 7.211 E ±16.8km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.9 (LDG).

FOUF	0.44	224	P	06 48.45	-1.8
LPG	0.72	334	Pg	06 54.90	-0.8
			Sg	07 04.20	
FRF	1.35	198	Pn	07 05.60	-0.4
	0.2s		32.00nm		
			Sn	07 22.60	
LRG	1.52	204	Pn	07 09.00	0.5
	0.2s		24.00nm		
			Sn	07 28.50	
CDR	1.57	222	ePd	07 10.00	0.9
			e	07 29.00	
			e	07 29.60	
LMR	1.60	199	Pn	07 09.80	0.3
	0.2s		32.00nm		
			Sn	07 30.10	
SMF	2.96	308	Pn	07 29.10	-0.1
	0.3s		7.00nm		
LBF	3.11	315	Pn	07 30.70	-0.5
	0.4s		5.00nm		
			Sn	08 07.70	
AVF	3.32	307	Pn	07 34.10	-0.2
SSF	3.40	312	Pn	07 35.70	0.3
	0.4s		4.00nm		
			Sn	08 15.60	
BGF	3.50	301	Pn	07 36.90	0.1
	0.4s		8.00nm		
			Sn	08 15.60	
CAF	3.66	273	Pn	07 40.20	1.1
TCF	3.79	294	Pn	07 41.40	0.4
MEM	5.82	352	Pg	08 57.30	47.8X
			Sg	09 13.10	

S.D. = 0.8 on 13 of 14 obs.

DEC 14, 1985 09h 11m 30.15± 0.67s
50.246 N ± 6.4km 12.420 E ± 6.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.65	308	ePg	11 43.00	-0.2
			iSg	11 52.00	
GRF	0.95	235	iPg	11 48.60	0.3
			eSg	12 01.00	
			eLg	12 03.30	
CLL	1.13	19	ePg	11 51.00	-0.3
			iSg	12 07.10	
BRG	1.16	57	iPg	11 52.10	0.3
			iSg	12 07.20	
KHC	1.35	146	Pg	11 54.50	-0.5
			Sg	12 12.00	
PRU	1.39	100	Pg	11 55.80	0.3
			Sg	12 13.00	

S.D. = 0.4 on 6 of 6 obs.

DEC 14, 1985 09h 21m 53.73± 0.36s
3.523 N ± 7.0km 126.430 E ±13.6km
DEPTH = 33.0km (normal)
4.7mb (3 obs.)
TALAUD ISLANDS (263)

DAV	3.64	347	eP	22 51.00	1.8
KNA	19.29	173	eP	26 18.40	-0.5
GZH	23.21	328	P	26 59.00	0.2
WRA	24.58	162	Pc	27 08.70	-3.5X
	0.7s		17.40nm		4.7mb
WB2	24.59	162	eP	27 11.10	-1.1
			eS	31 34.80	
IPM	25.36	273	ePd	27 24.50	4.8X
SSE	27.87	350	P	27 44.20	1.7
ASPA	27.99	165	e(P)	27 44.80	0.3
WHN	29.20	338	P	27 55.00	0.5
CTA	30.49	141	eP	28 12.00	5.8X
CHG	30.87	302	eP	28 10.00	0.4
XAN	34.47	334	Pd	28 38.70	-2.0
CD2	34.63	324	eP	28 41.90	-0.3
/	36.36	341	eP	28 56.00	-0.8
MUN	36.62	195	eP	29 03.00	4.1X
BJI	37.52	347	eP	29 06.00	-0.4
CTK	38.05	159	eP	29 10.00	-0.9
SNY	38.22	357	iPc	29 12.70	0.4
LZH	38.53	330	eP	29 15.50	0.3
SHL	39.76	307	iP	29 25.80	0.2
ADE	39.99	164	eP	29 26.80	-0.3
CN2	40.12	359	Pd	29 26.50	-1.5
LSA	42.35	312	eP	29 47.80	0.7
YOU	42.91	153	eP	29 52.60	1.5
GTA	43.12	329	eP	29 51.20	-1.7
CAN	44.06	153	eP	30 02.50	2.1
WAM	44.74	154	eP	30 05.90	0.1
KOD	49.02	280	eP	30 41.00	0.8
GBA	49.38	285	P	30 42.50	-0.1
WMQ	52.72	325	eP	31 08.00	0.4
SOD	90.54	338	eP	34 53.00	-0.5
KJF	90.65	334	eP	34 54.00	0.0
SUF	91.60	333	iP	34 57.20	-1.2
	0.8s		3.60nm		4.8mb
MBC	92.22	13	eP	35 01.00	-0.1
SPA	93.50	180	iPc	35 15.00	7.7X
	1.0s		2.50nm		4.6mb

S.D. = 1.0 on 30 of 35 obs.

DEC 14, 1985 09h 50m 17.81± 0.50s
50.221 N ± 4.9km 12.423 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.4 (GRF).

HOF	0.36	285	iPgd	50 25.00	-0.3
MOX	0.67	310	iPg	50 31.00	-0.1
			iSg	50 40.00	
GRF	0.94	236	iPg	50 36.20	0.5
			eSg	50 48.50	
			eLg	50 50.80	
WET	1.12	164	ePg	50 38.70	-0.1
CLL	1.15	18	iPg	50 39.40	0.1
			iSg	50 54.70	
BRG	1.17	56	iPgc	50 39.70	0.0
			iSg	50 54.70	
KHC	1.32	145	iPg	50 42.00	-0.3
			Sg	50 59.60	
PRU	1.38	99	Pg	50 43.30	0.2
			Sg	51 00.00	

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

* DEC 14, 1985 10h 38m 37.37± 0.76s
50.260 N ± 9.9km 12.393 E ± 6.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.63	308	ePg	38 50.00	0.0
			eSg	38 59.00	
GRF	0.95	233	ePg	38 55.90	0.5
			eSg	39 08.30	
			eLg	39 10.60	
GRFO	0.95	234	eP	38 55.00	-0.5
BRG	1.17	58	iPg	38 59.20	0.1
			iSg	39 14.30	
PRU	1.41	100	ePg	39 03.00	-0.1
			eSg	39 20.30	

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

DEC 14, 1985 11h 02m 05.40± 1.29s
36.115 N ± 8.6km 70.206 E ± 8.5km
DEPTH = 148.3 ± 13.5 km
4.5mb (7 obs.)
HINDU KUSH REGION (718)

KSH	5.66	52	Pd	03 31.00	2.4
MHI	8.66	274	eP	04 09.00	0.1
			eS	05 40.00	
NDI	9.48	139	iPd	04 18.00	-1.7
	0.6s		26.67nm		5.1mb X
			iS	05 56.00	
DMN	15.22	120	eP	05 32.60	-1.4
KKN	15.24	119	eP	05 32.20	-2.0
WMQ	15.44	55	Pc	05 36.20	-0.3
			iS	08 33.50	
PKI	15.46	119	eP	05 34.60	-2.5
LSA	18.70	104	eP	06 15.80	0.4
HYB	20.04	156	eP	06 30.00	1.1
SHL	21.33	113	iP	06 42.80	0.9
GBA	23.34	162	P	07 03.70	2.5
			S	11 28.70	
GTA	23.59	73	Pc	07 05.20	1.5
KOL	26.60	164	eP	07 14.00	-17.9X
KOD	26.60	164	eP	07 34.80	2.9
XAN	31.61	82	eP	08 16.20	0.0
GYA	32.45	97	P	08 23.60	0.0
NUR	37.77	325	iP	09 08.60	0.4
SUF	37.91	329	iP	09 10.00	0.7
	0.4s		6.00nm		4.7mb
KJF	37.91	331	eP	09 10.00	0.7
SOD	39.82	335	eP	09 25.00	0.0
KEV	40.92	339	eP	09 32.00	-2.1
IPM	42.29	131	iPd	09 47.40	1.5
	0.8s		38.00nm		5.1mb
NB2	44.30	323	P	10 00.50	-1.2
	0.7s		4.20nm		4.2mb
MBC	67.75		2 eP	12 48.00	-0.2
KIC	74.12	266	eP	13 26.70	-0.6
COL	75.01	16	eP	13 31.00	-0.6
	0.8s		7.46nm		4.5mb
YKA	81.66		2 eP	14 08.30	0.7
YKC	81.68		2 eP	14 08.30	0.3
	0.6s		6.00nm		4.5mb
WRA	82.34	121	Pd	14 11.60	-0.3
	0.5s		1.70nm		4.1mb
WB2	82.35	121	eP	14 11.10	-0.8
CTA	90.97	114	iP	14 53.60	-0.2
	0.8s		3.36nm		4.5mb
SPA	125.93	180	ePKPd	20 48.00	-2.3
	1.0s		4.00nm		

S.D. = 1.4 on 31 of 32 obs.

DEC 14, 1985 11h 54m 50.58± 0.33s
3.591 S ± 5.6km 151.002 E ± 7.5km
DEPTH = 5.0km (geophysicist)
5.2mb (10 obs.)
NEW IRELAND REGION (190)

KVG	1.03	348	iPc	55 09.60	-0.9
RAB	1.31	117	iP	55 11.00	-4.3X
	0.6s		240.00nm		
BIAL	1.71	178	eP	55 19.00	-2.2
BGA	4.88	122	eP	56 07.00	0.5
PAA	5.22	121	eP	56 12.00	0.7
MDG	5.46	252	eP	56 10.00	-4.6X
MDG	5.46	252	eP	56 21.50	6.9X
ALOA	6.69	185	eP	56 36.00	4.0X
PMG	6.93	213	eP	56 37.00	1.7
CTA	17.04	195	iPd	58 53.00	1.7
	1.6s		153.33nm		4.9mb
			iS	12 02.00	
GUA	18.86	341	eP	59 03.50	-0.6
RMQ	22.87	185	eP	59 56.00	-0.2
WB2	22.98	224	eP	59 56.20	-1.1
WRA	22.98	224	Pc	59 57.30	-0.1
	0.9s		39.60nm		4.9mb
DZM	23.71	142	iPc	00 03.30	-1.2
BRS	23.73	176	P	00 03.20	-1.4
NOU	23.89	142	iPc	00 08.00	1.9
ASPA	25.91	218	eP	00 24.00	-1.5
			eS	05 00.00	
DAV	27.51	293	eP	00 42.50	2.3
			eS	05 24.00	
PPR	34.78	293	eP	01 47.00	2.5
BAG	36.04	304	eP	01 53.00	-2.4
			eS	07 36.00	
KRP	40.88	150	eP	02 35.20	0.0
GNZ	42.70	148	eP	02 48.70	-1.4
MSZ	43.54	162	P	02 55.30	-1.6
HKC	44.25	307	eP	03 12.00	9.0X
			e(S)	09 43.00	
SSE	44.69	323	P	03 04.00	-2.5
N	24s		1.90um		
E	24s		2.40um		
			S	09 30.00	
			sS	09 41.00	
			ScS	13 08.00	
GZH	45.30	308	iPd	03 13.50	2.0
			S	09 58.00	
WHN	48.75	317	eP	03 38.50	0.1
MDJ	51.68	341	iPd	04 00.00	-0.6
GYA	52.24	308	Pd	04 06.80	1.4
CN2	52.48	337	Pc	04 05.00	-1.7
			S	11 34.00	
NST	53.04	292	eP	04 08.40	-8.7X
BJI	53.91	327	eP	04 15.00	-2.2
E	17s		0.90um		
			eS	11 51.00	
TIY	54.48	323	eP	04 21.00	-0.6
			S	12 06.00	
XAN	54.52	317	P	04 21.70	-0.3
			S	12 00.00	

KMI 54.83 304 eP 04 25.50 0.9
E 18s 1.10um
S 11 12.00
CHG 55.85 295 iPd 04 33.00 1.2
1.1s 28.48nm 5.2mb
eS 12 28.00
CD2 56.59 311 eP 04 37.00 -0.1
HHC 57.03 325 Pc 04 40.30 0.2
BTO 57.77 324 eP 04 45.00 -0.2
eS 12 42.00
LZH 59.12 316 P 04 55.00 0.1
2.0s 58.00nm 5.4mb
GTA 63.56 318 P 05 25.00 0.2
S 14 01.50
SHL 64.15 301 iP 05 28.80 -0.2
eS 14 10.00
PKI 70.28 301 eP 06 08.10 0.3
1.2s 45.00nm 5.5mb
KKN 70.44 301 eP 06 09.00 0.3
1.0s 38.00nm 5.5mb
DMN 70.55 301 eP 06 10.00 0.6
1.1s 94.00nm 5.8mb
WMQ 73.64 318 P 06 28.20 1.0
NDI 77.57 300 iPd 06 49.00 -0.8
1.0s 15.00nm 5.1mb
e(S) 16 42.00
KSH 80.77 311 eP 07 07.00 -0.1
COL 81.44 22 eP 07 07.00 -2.9
FBA 81.44 22 eP 07 08.00 -1.9
1.0s 1.00nm 3.8mb X
SPA 86.43 180 eP 07 32.00 -3.4X
1.0s 8.50nm 4.9mb
ISA 92.50 55 eP 08 06.00 1.5
MWC 92.77 56 eP 08 08.00 2.1
SBB 92.99 56 eP 08 11.00 4.3X
RVR 93.33 56 eP 08 11.00 2.8X
MBC 93.38 14 eP 08 07.00 -0.6
PLM 93.74 57 eP 08 15.00 4.6X
GSC 93.84 55 eP 08 15.00 4.3X
BAR 93.88 58 eP 08 12.00 1.2
NEW 93.91 42 eP 08 11.00 0.4
TPC 94.44 56 eP 08 07.00 -6.4X
EUR 94.60 51 iP 08 15.50 1.2
1.0s 5.77nm 4.9mb
YKA 95.20 28 eP 08 17.10 0.9
EDM 96.24 37 ePd 08 23.50 2.2
S.D. = 1.4 on 53 of 65 obs.

DEC 14, 1985 12h 03m 26.64± 0.47s
42.289 N ± 5.4km 19.916 E ± 4.5km
DEPTH = 10.0km (geophysicist).
YUGOSLAVIA (383)
DUR 3.3 (TTG). ML 3.2 (THE).

PVY 0.31 8 iPgc 03 32.00 -1.1
eSg 03 37.50
TTG 0.51 286 lPg 03 36.50 -0.4
eSg 03 45.30
IVA 0.58 359 ePg 03 37.20 -1.3
eSg 03 46.50
ULC 0.59 237 ePg 03 38.60 0.0
eSg 03 48.30
BDV 0.81 270 ePg 03 42.40 0.1
eSg 03 56.50
NKY 0.86 308 ePg 03 42.90 -0.3
eSg 03 57.50
HCY 1.06 279 ePg 03 46.90 0.2
eSg 04 04.00
PLE 1.11 340 ePg 03 48.00 0.5
eSg 04 05.50
BRY 1.18 302 ePg 03 48.60 -0.2
eSg 04 07.50
GRG 2.29 125 iPn 04 05.10 0.0
eSn 04 34.70
KNT 2.50 116 ePn 04 07.50 -0.5
LIT 2.92 138 ePn 04 14.30 0.2
eSn 04 50.90
PLD 3.56 91 eP 04 34.00 10.9X
OUR 3.63 121 iPn 04 23.60 -0.5
PAIG 3.69 128 ePn 04 24.40 -0.6
PVL 3.97 76 eP 04 38.00 9.2X
DIM 4.22 91 eP 04 36.00 3.6X
CEY 5.25 313 ePn 04 49.50 2.5
eSn 05 53.50
MLR 5.41 52 eP 04 52.00 2.6
TRI 5.60 310 iP 04 51.30 -0.7
i 05 58.90

VOY 5.72 313 ePn 04 54.70 0.9
eSn 06 02.40
KHC 8.15 329 eP 05 26.40 -1.4
S.D. = 1.1 on 19 of 22 obs.

DEC 14, 1985 12h 39m 19.33± 0.41s
11.626 N ± 7.0km 85.935 W ± 6.4km
DEPTH = 33.0km (normal)
5.0mb (31 obs.) 4.8Msz (3 obs.)
NICARAGUA (75)
Some damage in the Rivas area.
Felt in the Managua-Rivas area, Nicaragua and at Cartago, Costa Rica.

UPA 6.82 112 eP 40 57.00 -2.7
Z 18s 13.06um
GCM 8.79 29 eP 41 35.00 7.8X
STH 10.90 53 iPd 41 56.84 0.6
VHO 11.85 299 iP 42 10.00 0.7
CHN 12.16 122 eP 42 14.00 0.6
GIE 13.02 200 P+ 42 31.70 7.0X
Z 15s 8.40um
eS 45 09.00
PSO 13.43 140 eP 42 33.00 2.4
FUO 13.52 116 eP 42 32.00 0.4
BOG 13.65 120 eP 42 35.50 2.1
eS 45 14.00
QUR 13.84 147 eP 42 35.60 -0.3
TPM 14.62 302 iP 42 43.50 -2.4
III 14.69 299 iP 42 49.50 2.6
OXM 15.29 302 eP 42 56.50 1.7
SDV 15.30 99 eP 42 57.60 2.7
CAR 18.69 92 eP 43 40.00 2.6
SJG 20.17 69 e(P) 43 50.00 -4.0X
JSC 22.95 10 P 44 25.40 3.6X
LHS 23.22 11 P 44 26.00 1.5
PWLA 23.33 356 P 44 27.00 1.5
RSCP 23.87 1 eP 44 32.80 2.0
1.0s 54.00nm 5.0mb
OLY 24.30 349 P 44 35.30 0.4
POW 24.88 350 P 44 40.50 0.1
DMV 25.20 353 P 44 44.00 0.4
ELC 25.72 354 P 44 48.40 0.0
TUL 25.77 341 eP 44 48.50 -0.4
1.2s 156.00nm 5.5mb
Z 22s 3.57um 4.9Msz
SIO 25.79 340 eP 44 49.30 0.3
BLA 25.95 10 P 44 51.90 1.3
0.8s 64.49nm 5.3mb
OCO 25.99 338 eP 44 51.80 0.9
e 45 12.90
NAV 25.99 9 P 44 51.90 0.9
PT06 27.02 159 eP 44 45.00 -15.6X
CVL 27.08 13 P 45 02.50 1.6
NAZ 27.39 14 P 45 06.00 2.3
ALQ 29.78 325 eP 45 26.00 0.5
0.9s 3.15nm 4.1mb
GOL 32.84 332 eP 45 40.00 -12.4X
ZOBO 32.84 147 P 45 54.50 1.5
Z 23s 1.66um 4.7MszX
i 46 15.00
LR 58 40.00
LPB 33.07 147 eP 46 01.00 6.2X
Z 18s 1.37um 4.7Msz
LR 55 40.00
CNCB 33.37 148 eP 46 01.00 3.5X
RSNY 34.24 15 P 46 05.00 0.8
1.0s 42.50nm 5.3mb
OTT 34.77 13 eP 46 09.50 0.8
0.8s 30.00nm 5.3mb
MNT 35.36 15 eP 46 14.50 0.8
PLM 35.61 312 eP 46 18.00 1.7
GSC 36.58 315 eP 46 23.00 -1.3
ATB 36.65 112 e(P) 46 26.30 1.3
BDW 37.22 331 P 46 28.00 -1.7
1.0s 7.70nm 4.5mb
ISA 37.93 315 eP 46 39.00 3.4X
CWC 38.06 316 eP 46 32.00 -4.8X
EUR 38.44 321 iP 46 52.50 12.4X
1.0s 6.73nm
RSON 39.63 352 eP 46 48.00 -1.6
1.0s 21.00nm 4.9mb
BMN 39.78 322 eP 46 52.70 1.5
1.0s 7.50nm 4.4mb
SLA 41.27 151 e(P) 47 03.00 -0.5
SES 43.81 337 eP 47 28.00 4.2X

FFC 44.82 347 iPc 47 31.90 0.0
1.0s 15.00nm 4.8mb
BAO 46.31 125 e(P) 47 42.80 -1.5
PNT 46.77 330 eP 47 49.00 1.6
EDM 46.93 338 eP 47 48.00 -0.6
YKC 54.75 344 eP 48 46.50 -1.3
1.0s 15.00nm 5.0mb
RSNT 54.78 344 eP 48 47.00 -1.0
0.7s 9.92nm 5.0mb
YKA 54.80 344 eP 48 47.50 -0.6
MBC 67.04 352 eP 50 10.00 -0.9
0.7s 17.00nm 5.3mb
COL 67.78 336 eP 50 15.00 -0.8
IFR 76.07 58 iP 51 07.00 1.1
MAL 76.39 55 iPc 51 12.00 4.6X
EKA 76.43 36 Pc 51 06.60 -0.6
1.0s 24.90nm 5.2mb
TOL 76.45 52 eP 51 08.00 0.2
LPF 78.06 43 eP 51 15.50 -0.9
1.0s 41.60nm 5.4mb
GRR 78.15 43 eP 51 16.10 -0.8
0.6s 14.40nm 5.2mb
FLN 78.37 42 eP 51 17.40 -0.7
0.8s 11.80nm 5.0mb
LDF 78.63 42 eP 51 18.70 -0.8
1.0s 20.00nm 5.1mb
MFF 78.78 45 eP 51 19.50 -0.9
0.6s 7.90nm 4.9mb
EPF 79.47 48 eP 51 23.80 -0.5
1.1s 21.90nm 5.1mb
LFF 79.55 46 eP 51 23.90 -0.7
LPO 79.90 46 eP 51 25.60 -0.9
0.9s 11.10nm 4.9mb
LSF 79.97 45 eP 51 25.70 -1.2
RJF 80.06 46 eP 51 26.40 -1.0
KIC 80.15 85 e(P) 51 25.00 -3.4X
TCF 80.43 45 eP 51 28.20 -1.2
1.0s 10.00nm 4.8mb
CAF 80.49 46 eP 51 28.70 -1.0
MZF 80.70 45 eP 51 29.80 -1.0
0.9s 13.10nm 4.9mb
BGF 80.83 44 eP 51 30.50 -1.0
0.9s 10.40nm 4.8mb
GRC 80.90 44 iPc 51 30.60 -1.1
AVF 81.15 44 eP 51 31.60 -1.5
SSF 81.22 44 eP 51 32.20 -1.3
LOR 81.43 44 eP 51 33.40 -1.2
1.0s 16.00nm 5.0mb
SMF 81.50 44 eP 51 33.50 -1.5
DOU 81.53 41 P 51 34.90 -0.1
LBF 81.55 44 eP 51 33.60 -1.6
ENN 82.27 40 eP 51 37.50 -1.3
MEM 82.35 40 P 51 40.60 1.4
WLF 82.59 41 P 51 40.20 -0.3
WTS 82.63 39 e(P) 51 40.00 -0.6
1.0s 26.00nm 5.3mb
HAU 82.98 43 eP 51 41.60 -1.0
BSF 83.31 43 eP 51 43.10 -1.3
1.0s 8.00nm 4.8mb
NB2 83.36 29 P 51 43.90 -0.4
1.3s 27.60nm 5.2mb
CDF 83.53 42 eP 51 44.40 -1.1
HFS 84.76 30 ePKP 51 50.50 -0.8
0.8s 3.20nm 4.6mb
GRF 85.81 40 e(P) 51 56.70 -0.1
Z 21s 0.60um 5.0Msz
MOX 85.85 39 e(P) 51 58.00 1.0
2.0s 49.00nm 5.4mb
CLL 86.54 38 e(P) 52 01.00 0.7
BRG 87.23 39 eP 52 10.00 6.3X
1.9s 52.00nm 5.5mb
eSg 17 44.60
KHC 87.44 40 eP 52 06.00 1.2
TRI 88.44 44 eP 52 04.00 -5.6X
SRO 90.84 41 e(P) 52 14.00 -6.8X
SPC 91.61 39 e(P) 52 14.00 -10.6X
WB2 140.44 253 ePKP 58 42.20 -5.6X
WRA 140.45 253 PKPc 58 40.60 -7.3X
0.7s 1.30nm
NWAO 149.98 221 ePKP 59 08.00 4.6X
Z 22s 2.40um 6.0MszX
GBA 150.00 34 PKP 59 17.00 13.2X
MUN 151.25 222 ePKP 59 13.00 7.7X
S.D. = 1.3 on 85 of 108 obs.

* DEC 14, 1985 12h 51m 19.89± 0.76s
52.542 N ±20.4km 171.088 W ±10.2km

14d 12h

DEPTH = 33.0km (normal)
4.7mb (2 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS (9)

ADK	3.51	261	eP	52	13.50	0.1
COL	17.17	35	eP	55	19.00	0.6
YKA	30.92	49	eP	57	33.90	-1.4
PNT	32.04	75	iPc	57	46.00	0.7
	0.8s	13.00nm			4.9mb	
EUR	39.49	87	eP	58	49.50	0.5
	0.7s	7.21nm			4.5mb	
TMI	39.68	79	eP	58	51.00	0.5
DUG	40.97	84	eP	59	01.50	0.4
BDW	41.39	78	eP	59	04.40	-0.2
MSU	42.40	85	eP	59	13.50	0.6
LTX	53.79	88	eP	00	39.60	-1.8

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

* DEC 14, 1985 13h 07m 07.93± 1.00s
4.645 S ±11.3km 132.988 E ±11.9km
DEPTH = 33.0km (normal)
4.4mb (3 obs.)
WEST IRIAN REGION (196)

TZZ	8.23	95	eP	09	08.00	0.0
KNA	11.79	200	iPd	09	56.00	-0.8
	0.4s	108.00nm			6.4mb	X
PCI	13.65	285	eP	10	20.60	-1.0
	1.0s	5.50nm			4.4mb	X
WRA	15.26	175	Pc	10	41.80	-1.0
	0.6s	10.80nm			4.3mb	
WB2	15.26	175	eP	10	40.80	-2.0
		e		11	03.20	
		eS		13	26.20	
ASPA	18.93	177	eP	11	29.00	0.1
	0.4s	75.00nm			5.3mb	
		e(S)		15	16.00	
CTA	20.06	141	iPd	11	45.10	3.7X
	0.8s	11.94nm			4.3mb	
MBL	20.80	217	eP	11	50.00	0.9
		eS		15	30.00	
WBN	22.24	195	eP	12	07.00	3.5X
MAN	22.52	329	eP	12	06.00	-0.4
NAU	24.55	222	eP	12	28.00	1.9
ADE	30.63	171	iPc	13	23.70	2.2

S.D. = 1.5 on 10 of 12 obs.

DEC 14, 1985 13h 20m 02.50± 0.50s
42.294 N ± 6.2km 19.927 E ± 4.6km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 3.3 (TTG).

PVY	0.30	6	iPgc	20	07.70	-1.2
			eSg	20	13.00	
TTG	0.51	286	iPgc	20	12.30	-0.6
			eSg	20	22.00	
IVA	0.58	358	ePg	20	13.20	-1.1
			eSg	20	22.50	
ULC	0.60	237	ePg	20	14.50	-0.2
			eSg	20	24.50	
BDV	0.82	270	ePg	20	18.20	-0.1
			eSg	20	32.70	
NKY	0.86	307	ePg	20	18.50	-0.6
			eSg	20	32.50	
HCY	1.07	279	iPgd	20	22.60	0.0
			eSg	20	39.30	
BRY	1.19	301	ePg	20	24.20	-0.6
			eSg	20	42.80	
GRG	2.29	125	ePn	20	40.60	-0.3
			eSn	21	10.00	
VTS	2.44	82	iP	20	43.00	0.0
			iSg	21	25.00	
KNT	2.49	116	iPn	20	42.90	-0.9
BEO	2.56	8	ePn	20	52.00	7.4X
			eSg	21	30.60	
LIT	2.92	138	ePn	20	49.90	0.0
			eSn	21	25.70	
MMB	2.92	103	iPd	20	52.00	2.1
PLD	3.55	91	eP	21	53.00	54.2X
		e		48	00.00	
PAIG	3.69	129	ePn	21	00.00	-0.8
PVL	3.93	76	eP	21	18.00	13.5X
KDZ	4.10	97	iPd	21	19.00	12.5X
			iS	22	18.00	
DIM	4.21	91	eP	21	21.00	12.9X
CEY	5.25	313	ePn	21	26.70	3.7X
			eSn	22	30.50	
LJU	5.39	316	ePn	21	28.30	3.4X
			e(Sn)	22	36.00	
TRI	5.60	310	eP	21	10.90	-17.0X
			e	22	33.60	
VOY	5.73	313	ePn	21	32.00	2.3
			eSn	22	39.00	
KHC	8.15	329	eP	22	05.50	1.9

S.D. = 1.2 on 16 of 24 obs.

DEC 14, 1985 13h 47m 02.90± 0.48s
42.282 N ± 6.2km 19.965 E ± 4.7km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 3.3 (TTG). ML 3.2 (THE).

PVY	0.31	1	iPgc	47	08.00	-1.4
			eSg	47	12.70	
TTG	0.54	286	iPg	47	12.20	-1.7
			eSg	47	22.20	
IVA	0.59	355	ePg	47	13.70	-1.2
			eSg	47	23.00	
ULC	0.62	239	iPgc	47	15.00	-0.4
			eSg	47	25.20	
BDV	0.84	270	ePg	47	18.50	-0.7
			eSg	47	33.00	
NKY	0.89	307	ePg	47	19.00	-1.0
			eSg	47	33.50	
HCY	1.10	279	iPgd	47	23.20	-0.3
			eSg	47	41.00	
PLE	1.13	338	ePg	47	24.20	0.1
			eSg	47	41.50	
BRY	1.22	301	ePg	47	25.60	-0.1
			eSg	47	44.00	
GRG	2.26	125	ePn	47	41.00	0.1
			eSn	48	10.40	
VTS	2.42	81	eP	47	43.00	0.0
KNT	2.46	116	iPn	47	43.50	-0.3
THE	2.79	125	ePn	47	48.60	0.2
MMB	2.89	103	iPd	47	50.00	0.1
LIT	2.89	138	ePn	47	50.10	0.2
			eSn	48	26.00	
SRS	2.95	112	ePn	47	50.30	-0.4
PAIG	3.66	129	ePn	48	05.00	4.2X
			e	48	43.40	
PVL	3.93	76	eP	48	16.00	11.4X
KDZ	4.07	97	iP	48	18.00	11.5X
			iS	49	18.00	
DIM	4.18	91	eP	48	22.00	13.9X
CEY	5.28	313	ePn	48	26.40	2.6
			eSn	49	29.70	
MLR	5.38	51	ePc	48	30.00	4.7X
LJU	5.42	316	ePn	48	29.90	4.2X
			e(Sn)	49	34.00	
TRI	5.63	310	e(P)	48	45.40	16.7X
VOY	5.75	313	iPn	48	32.20	1.7
			iSn	49	39.70	
KBA	6.73	318	iP	48	46.70	2.4
KHC	8.18	329	eP	48	58.50	-5.9X

S.D. = 1.2 on 19 of 27 obs.

DEC 14, 1985 13h 50m 09.79± 1.05s
58.577 N ±10.8km 155.771 W ±12.9km
DEPTH = 146.8 ± 20.7 km
ALASKA PENINSULA (12)
Felt at King Salmon Air Force Base.

KDC	1.93	114	eP	50	44.50	0.3
PMS	4.11	47	eP	51	12.50	0.3
SDN	4.15	221	eP	51	12.00	-0.6
PWA	4.26	41	eP	51	13.90	-0.2
TTA	4.37	359	eP	51	17.60	2.0
PME	4.55	45	eP	51	17.70	-0.3
YAH	7.37	70	eP	51	57.00	0.9
COL	7.38	27	eP	51	54.00	-2.0
FBA	7.38	27	eP	51	54.00	-2.0
IMA	7.58	6	eP	51	59.80	0.9
YKA	20.36	61	eP	54	36.70	0.7

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

? DEC 14, 1985 14h 02m 23.86± 3.98s
44.326 N ± 9.4km 114.204 W ±36.7km
DEPTH = 5.0km (geophysicist)
WESTERN IDAHO (33)
ML 2.7 (NEIS).

HPI	1.01	127	eP	02	43.70	0.1
CCMT	1.12	58	iPc	02	45.50	0.1
LRM	1.94	39	ePn	02	58.10	0.0
TMI	1.94	121	e(P)	02	58.00	-0.1
BUT	2.05	34	ePg	03	02.90	3.4X
			eSn	03	25.80	
			eSg	03	29.20	
LCCM	2.24	47	ePn	03	02.00	-0.3
HRY	2.91	34	ePn	03	12.00	0.2

S.D. = 0.2 on 6 of 7 obs.

* DEC 14, 1985 14h 38m 28.04± 0.58s
28.086 N ±10.5km 140.559 E ± 8.9km
DEPTH = 33.0km (normal)
5.1mb (1 obs.)
BONIN ISLANDS REGION (212)

CBI	1.75	124	eP	38	56.00	-0.5
			eS	39	18.00	
MAT	8.66	347	eP	40	36.00	1.9
	0.7s	17.12nm			5.3mb	X
		(S)		42	24.00	
SSE	17.11	285	P	42	24.00	-2.3
E	12s	0.60um				
			eS	45	56.00	
NJ2	19.19	287	Pc	42	54.00	2.2
SNY	19.49	319	eP	42	54.00	-1.1
CN2	19.84	326	Pd	42	52.00	-6.9X
TIA	21.40	298	eP	43	15.00	0.0
WHN	22.97	282	eP	43	34.00	3.4X
BJI	23.38	307	eP	43	34.00	-0.5
			eS	47	48.00	
TIY	25.41	299	eP	43	54.40	0.2
HHC	26.95	306	eP	44	08.10	-0.4
XAN	27.67	290	Pc	44	15.40	0.4
BTO	27.99	304	Pc	44	18.00	0.1
CD2	32.06	284	eP	44	54.60	0.5
GTA	35.44	299	P	45	22.40	-0.9
WMO	44.83	305	P	46	40.60	-0.2
WB2	48.12	188	eP	47	07.50	0.6
WRA	48.12	188	Pc	47	07.40	0.5
	0.7s	12.70nm			5.1mb	
COL	57.16	29	eP	48	11.00	-2.7
YKA	71.96	28	eP	49	51.20	1.4
YKC	72.02	28	eP	49	50.00	-0.2
NEW	77.15	42	eP	50	21.00	1.0

S.D. = 1.3 on 20 of 22 obs.

DEC 14, 1985 14h 43m 33.22± 0.48s
42.261 N ± 6.2km 19.965 E ± 5.0km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 3.5 (TTG).

PVY	0.33	1	iPgc	43	38.40	-1.8
			eSg	43	44.00	
TTG	0.55	288	iPgc	43	42.50	-1.8
			eSg	43	51.70	
ULC	0.61	241	ePg	43	45.20	-0.3
			eSg	43	55.00	
IVA	0.61	355	ePg	43	43.50	-2.1
			eSg	43	52.00	
BDV	0.84	272	iPgd	43	48.80	-0.7
			eSg	44	03.50	
NKY	0.90	308	ePg	43	49.30	-1.3
			eSg	44	04.00	
HCY	1.10	280	ePg	43	53.30	-0.6
			eSg	44	11.00	
PLE	1.15	339	ePg	43	53.60	-1.2
			eSg	44	10.80	
BRY	1.23	302	ePg	43	35.50	-20.7X
			eSg	44	12.80	
GRG	2.24	125	ePn	44	11.10	0.1
			eSn	44	41.00	
VTS	2.42	81	eP	44	14.00	0.6
			iSg	44	54.00	
KNT	2.46	116	ePn	44	14.20	0.3
LIT	2.88	138	ePn	44	20.30	0.3
			eSn	44	56.80	
MMB	2.89	102	iPc	44	20.00	-0.1
			iS	45	08.00	
SRS	2.95	112	ePn	44	20.70	-0.2
PLD	3.52	91	eP	44	43.00	13.9X
OUR	3.59	121	ePn	44	29.60	-0.4
PAIG	3.65	128	ePn	44	30.40	-0.5
			eSn	45	13.70	
PVL	3.94	75	eP	44	45.00	10.0X

KDZ	4.06	97	iPd	44	48.00	11.2X		1.2s	203.13nm		5.5mb				pP	21	54.00	78kmX
			iS	45	44.00					iS	22	46.00			PP	23	17.50	
DIM	4.18	91	ePc	44	52.00	13.6X	SLY	23.63	334	iPd	18	45.00	1.4		S	27	33.00	
CEY	5.30	313	ePn	44	56.70	2.4				iPP	19	16.00			sS	28	04.00	
	1.5s	382.00nm				5.8mb X				iPPP	19	26.00		GTA	44.09	48	P	21	42.40	0.6
			eSn	46	00.40					iS	23	01.00					PP	23	26.80	
MLR	5.39	51	ePc	44	59.50	3.7X				iSS	23	35.00					S	28	16.00	
LJU	5.44	316	ePn	44	57.50	1.2				iSSS	23	55.50					SS	31	28.00	
	1.2s	430.00nm				6.0mb X	RTB	24.31	322	iPc	18	52.00	1.7	CD2	44.83	61	eP	21	48.00	0.2
			eSn	46	04.00					iPP	19	33.00					PP	23	31.00	
TRI	5.65	310	iPn	45	02.90	3.7X				iPPP	19	44.00		BUL	45.11	221	iPd	21	49.80	-0.4
			iSn	46	06.60					iS	23	12.00			0.9s	101.68nm				5.8mb
			iSg	46	40.60					iSS	24	12.00					iS	28	29.00	
SRO	5.67	349	eP	45	03.00	3.5X				iSSS	24	34.00		LZH	46.05	54	Pd	21	57.50	-0.1
			e	46	40.00					iLQ	27	12.00			2.5s	182.00nm				5.6mb
VOY	5.77	313	ePn	45	02.30	1.3				iLR	28	48.00		N	15s	2.20um				
			eSn	46	10.00		MSL	25.33	331	iPd	19	01.50	1.4				eS	20	47.00	
ZST	6.27	342	eP	45	09.50	1.6				i	19	18.90					eSS	32	02.00	
KBA	6.74	318	iPnc	45	17.00	2.2				eS	23	32.00		SPC	46.18	326	eP	22	02.00	3.6X
			i(Sn)	46	41.30					e	23	49.00		SRO	46.50	324	iP	22	02.00	1.3
KHC	8.19	329	iP	45	36.10	1.1	PRNI	26.25	310	eP	19	11.00	2.2	N	20s	2.50um				
S.D. = 1.3 on 22 of 30 obs.							NAI	26.31	235	eP	19	11.00	1.4	E	20s	2.60um				
								0.8s	59.70nm			5.3mb					e(PP)	23	52.40	
% DEC 14, 1985 16h 56m 47.41± 1.00s							JER	26.88	313	iPc	19	16.50	2.0				eS	29	03.00	
39.832 N ±12.0km 26.680 E ± 9.0km										eS	23	55.00		GYA	46.78	67	P	22	03.00	-0.4
DEPTH = 10.0km (geophysicist)							HRI	27.37	316	iP	19	21.50	2.5				S	28	54.00	
TURKEY						(366)	BHL	27.81	317	P	19	24.50	1.4	KRA	46.84	327	ePc	22	03.20	-0.1
										S	24	15.00			0.8s	32.00nm				5.4mb
EZN	0.27	269	iPg	56	52.60	-0.6				LQ	28	58.50			Z 20s	3.70um				5.3Msz
			iSg	56	58.60		DMN	28.27	59	iPd	19	29.30	1.8		N 16s	3.80um				
EDC	1.04	60	ePn	57	04.80	-2.3	KKN	28.48	58	iPd	19	31.00	1.7		E 16s	3.80um				
IZM	1.50	162	iPn	57	14.80	0.4	PKI	28.51	59	iPd	19	31.10	1.4				e	22	08.20	
DMK	2.15	22	iPn	57	25.10	1.3	HLW	28.81	306	eP	19	17.10	-14.8X				eS	29	00.00	
ISK	2.19	55	iPn	57	25.00	0.6				S	24	20.00		ZST	47.40	323	iPc	22	07.60	-0.2
GPA	2.82	80	ePn	57	34.00	0.6	CSS	29.98	317	eP	19	43.30	0.8				i	22	12.70	
S.D. = 1.7 on 6 of 6 obs.							BCK	33.24	318	iP	20	10.90	-0.2				i	24	09.70	
							ELL	33.28	316	iP	20	13.60	2.1	SOP	47.45	323	iPc	22	08.00	-0.2
DEC 14, 1985 18h 13m 31.50± 0.21s							LWI	33.46	242	iPd	20	14.40	1.0	VKA	47.88	323	iPc	22	11.60	0.0
14.712 N ± 4.4km 57.999 E ± 3.1km							SHL	33.50	66	iP	20	14.40	0.8		0.9s	128.00nm				6.0mb
DEPTH = 10.0km (geophysicist)										iS	25	28.00		LJU	47.91	320	eP	22	12.00	0.1
5.5mb (67 obs.) 5.3Msz (10 obs.)							LSA	33.98	58	P	20	16.80	-1.2				e	22	31.50	
ARABIAN SEA						(417)				eS	25	40.30					e	23	32.00	
CENTROID, MOMENT TENSOR (HRV)							YER	34.58	316	iP	20	23.70	1.0				eS	29	08.00	
Data Used: GDSN							AVY	34.92	197	eP	20	25.50	-0.3	TRI	48.25	319	iPc	22	13.70	-0.8
L.P.B.: 15S, 39C							GPA	35.12	322	iP	20	28.50	1.3				iPP	24	06.00	
Centroid Location:							IZM	35.94	317	iP	20	35.80	1.6				iS	29	12.00	
Origin Time 18:13:33.4 0.3							ISK	36.35	322	iP	20	38.40	0.9				iSS	32	57.00	
Lat 14.94N 0.03 Lon 57.96E 0.03							PRK	37.05	317	eP	20	45.10	1.7				i	34	58.00	
Dep 10.0 FIX Half-duration 2.8							EZN	37.33	318	eP	20	45.60	-0.2	TRI	48.25	319	iP	22	14.10	-0.4
Moment Tensor; Scale 10**24 D-CM							ATH	38.14	314	eP	20	52.00	-0.6	VOY	48.31	320	iPc	22	14.70	-0.4
Mrr=-0.92 0.07 Mtt= 3.95 0.11										ePP	22	23.60		KMR	49.07	322	iP+	22	21.00	0.2
Mff=-3.03 0.11 Mrt=-1.06 0.39										eS	26	48.50		KBA	49.11	321	iPc	22	20.30	-1.0
Mrf= 0.35 0.30 Mtf= 3.26 0.09							PSN	38.48	325	iPc	20	57.00	1.6		1.1s	54.40nm				5.5mb
Principal Axes:							WMO	38.51	35	Pd	20	58.10	2.3				i	22	26.20	
T Val= 5.35 Plg= 8 Azm=159										iS	26	57.50		KSP	49.22	326	iPc	22	21.60	-0.3
N -0.90 76 282							JMB	38.67	322	iP	20	59.00	2.0		1.0s	74.00nm				5.7mb
P -4.46 12 67							KDZ	38.95	320	iPc	21	05.00	5.6X	BHG	49.67	321	iPc	22	24.60	-0.8
Best Double Couple:Mo=4.9*10**24							PAIG	39.11	317	ePc	21	02.40	1.6		1.0s	114.00nm				5.8mb
NP1:Strike=204 Dip=76 Slip=-177							KHT	39.22	85	eP	21	03.00	1.0	XAN	49.67	58	iPd	22	25.00	-0.7
NP2: 113 87 -14							CHG	39.36	78	iPd	21	03.80	0.7				PP	24	12.00	
								1.1s	33.23nm			4.9mb					eS	29	30.00	
OBO	14.56	261	iP+	17	08.20	8.6X				eS	27	12.00					SS	32	58.50	
BOM	14.78	72	eP	17	01.00	-1.5	BDT	39.45	81	iPd	21	02.60	-1.2	PRU	49.75	324	Pc	22	26.00	0.0
TDD	14.97	261	eP	17	06.50	1.5		1.0s	34.50nm			5.0mb			1.0s	26.00nm				5.2mb
SGH	15.31	260	eP	17	10.50	1.0	PLD	39.61	320	eP	21	07.00	2.2		Z 19s	2.10um				5.2Msz
DAF	15.38	260	eP	17	12.50	2.2	SRS	39.78	318	ePc	21	07.40	1.1		N 21s	1.10um				
POO	15.66	74	eP	17	12.00	-2.0	SOH	39.78	318	ePc	21	07.70	1.3		E 18s	1.60um				
			iS	20	30.00		PVL	39.91	322	iPc	21	09.00	1.7				PP	24	28.00	
SHI	15.70	342	eP	17	14.00	-0.5	MMB	39.94	319	iPc	21	09.00	1.3				S	29	33.00	
GBA	18.88	91	P	17	54.90	0.5	THE	39.94	317	ePc	21	08.40	0.8	KHC	49.89	323	iPd	22	25.80	-1.3
			S	21	14.80		LIT	39.99	316	eP	21	07.80	-0.3		1.0s	67.50nm				5.6mb
KOD	19.52	101	eP	18	03.60	1.1	KNT	40.25	318	ePc	21	11.20	1.0		Z 16s	1.70um				5.1MszX
			eS	21	22.00		VLS	40.44	312	eP	21	12.00	0.2		N 16s	1.50um				
AAE	19.64	255	eP	18	05.40	1.5	GRG	40.47	317	ePc	21	12.60	0.5		E 15s	0.90um				
HYB	19.93	79	iPd	18	06.60	0.0	NNT	40.57	88	eP	21	13.80	0.7	BPI	50.02	216	iPc	22	28.00	-0.5
	0.8s	211.50nm				5.5mb	KZN	40.58	316	eP	21	13.10	0.1		0.8s	20.90nm				5.2mb
			eS	21	54.00		NST	40.63	83	eP	21	09.70	-3.8X	CVF	50.37	314	eP	22	29.70	-1.2
MHI	21.54	3	eP	18	26.00	2.9	VRI	40.68	326	ePc	21	15.00	1.4		0.8s	30.60nm				5.3mb
IR2	21.81	344	iPc	18	27.40	1.5	MTD	40.73	221	iPd	21	14.00	-0.5	OGA	50.46	319	iPc	22	31.00	-0.7
KER	21.89	335	ePc	18	27.00	0.3	VTS	40.81	320	iPc	21	17.00	2.3		1.0s	113.00nm				5.8mb
BHD	22.23	329	ePc	18	30.50	0.6	MLR	40.87	325	ePd	21	17.00	1.7	BRG	50.52	325	iPc	22	31.90	0.1
			iPPP	19	20.00		CVO	40.95	326	ePc	21	18.50	2.6		1.1s	38.00nm				5.3mb
			iS	22	33.00		CMP	41.23	324	ePc	21	06.00	-12.2X				e	22	36.00	
			iSS	23	37.00		KRI	42.04	223	iPd	21	25.90	0.6				e	22	47.00	
			iPcS	26	07.00		LOE	42.05	80	eP	21	24.90	-0.3				eS	29	44.00	
			i	28	57.00		KMI	43.15	69	Pd-	21	35.00	0.6				eSS	33	28.00	
NDI	22.58	49	iPd	18	35.50	2.0		E 18s	2.20um					FUR	50.83	321	iPc	22	33.40	-0.9

14d 18h

	1.0s 328.00nm 6.2mb		i 24 57.00		0.9s 140.00nm
CLL	51.25 325 iPc 22 36.80 -0.5	MZF	55.74 316 eP 23 09.50 -1.2	CN2	63.72 48 iPd 24 04.80 -0.9
	1.6s 110.00nm 5.5mb		1.2s 81.50nm 5.6mb		iS 32 40.00
	eS 29 57.00	CAF	55.76 315 eP 23 09.40 -1.5	MDJ	66.74 48 eP 24 24.40 -0.8
BFS	51.28 216 iPd 22 36.80 -1.3		1.4s 52.20nm 5.4mb	SHK	69.30 58 eP 24 41.50 0.1
	1.0s 50.00nm 5.4mb	SNF	55.95 322 R 23 12.10 0.0	MUN	72.53 131 eP 25 00.06 -0.8
HOF	51.41 324 iPc 22 38.40 -0.3	D8N	55.99 324 e(P) 23 10.60 -2.3	DAG	72.75 346 iPc 25 00.80 -0.6
	0.9s 165.00nm 6.0mb	Z	20s 2.00um 5.2Msz		0.9s 8.40nm 4.8mb
GRF	51.52 323 iPc 22 38.50 -1.6		ePPP 26 34.60	MAT	73.61 56 eP 25 07.00 -0.2
	1.1s 125.00nm 5.8mb		iS 31 04.00	NWAO	73.75 131 eP 25 08.60 0.1
	Z 22s 2.00um 5.1Msz		i 31 42.60		0.5s 11.00nm 5.2mb
MOX	51.71 324 iPc 22 41.00 0.1		eSS 35 28.00	WBN	78.05 121 eP 25 32.00 -0.4
	0.9s 55.00nm 5.5mb	MLS	56.00 312 eP 23 11.60 -1.7	MAW	82.16 178 eP 25 54.00 0.6
	Z 18s 1.90um 5.2Msz	TCF	56.01 316 eP 23 11.20 -1.5	WRA	82.57 113 Pc 25 55.60 -1.0
	E 20s 1.50um		1.3s 61.30nm 5.5mb		0.7s 7.00nm 4.9mb
	ePP 24 42.00	UCC	56.01 322 Pc 23 12.00 -0.5	WB2	82.58 113 eP 25 55.10 -1.5
	eS 29 45.00	RJF	56.23 315 eP 23 12.70 -1.6		eS 30 48.20
	eSS 33 40.00		1.2s 59.50nm 5.5mb	ASPA	83.38 116 eP 26 00.00 -0.7
	LR 47 24.00	LPO	56.31 314 eP 23 13.30 -1.5	SYO	84.53 187 eP 26 06.80 1.3
NUR	51.74 346 iP 22 41.00 0.1		1.1s 65.40nm 5.6mb	MBC	89.22 359 eP 26 30.00 1.6
	0.8s 86.50nm 5.7mb	BJI	56.40 52 eP 23 15.00 -0.5		0.8s 22.00nm 5.5mb
	Z 19s 3.80um 5.4Msz	Z	21s 5.60um 5.6Msz	ADE	90.90 126 iPc 26 36.90 -0.1
	eS 30 00.00	E	17s 2.30um	CTA	93.35 116 iPc 26 49.00 0.5
	eSS 33 48.00		eS 31 08.00		1.0s 11.50nm 5.2mb
	LR 47 40.00	LSF	56.45 316 eP 23 14.40 -1.5		i 37 44.00
BTO	51.90 50 iPd 22 43.00 0.3		1.5s 96.10nm 5.6mb	COL	98.24 11 eP 27 13.00 2.9
	ePP 24 45.00	SOD	56.47 346 iP 23 15.30 -0.3	EDM	111.94 354 ePKP 32 09.00 0.5
	S 30 08.50	EPF	56.55 312 eP 23 13.90 -2.8	NEW	117.16 356 PKP 32 24.00 5.3X
SEK	51.91 214 iPd 22 42.00 -0.9		0.8s 10.70nm 4.9mb	FVM	119.79 332 PKP 32 24.50 0.6
	1.6s 40.00nm 5.3mb	TIA	56.63 56 eP 23 16.20 -1.1	FVM	119.79 332 ePKP 32 33.30 9.4X
FRF	52.22 314 eP 22 44.00 -0.9		eS 31 11.00	BDW	121.67 349 ePKP 32 28.80 1.1
	1.2s 97.50nm 5.6mb	LFF	56.68 314 eP 23 16.00 -1.5		0.7s 2.58nm
LMR	52.25 314 eP 22 44.10 -1.0		1.0s 92.00nm 5.8mb	GOL	123.69 345 ePKP 32 34.00 2.3
	1.2s 142.80nm 5.8mb	NB2	57.12 335 P 23 18.90 -1.5	BMN	124.96 356 ePKP 32 35.70 1.7
LRG	52.39 314 eP 22 45.30 -0.8		0.7s 8.20nm 4.9mb		1.0s 7.00nm
	1.3s 122.70nm 5.7mb	MFF	57.66 316 eP 23 22.60 -1.8	EUR	125.80 354 iPKP 32 37.10 1.3
LPG	52.74 316 eP 22 47.60 -1.5		1.1s 41.00nm 5.4mb		1.0s 6.15nm
CDR	52.87 314 ePc 22 48.60 -1.1	NJ2	57.76 61 Pc 23 24.60 -0.7	TPZ	126.31 254 iPKPc 32 39.00 1.6
	i 22 49.30		eS 31 26.00	JAS1	127.62 358 ePKP 32 40.60 1.0
	i 22 54.10	LDF	58.13 318 eP 23 25.90 -1.7	PRN	127.75 353 PKP 32 41.80 2.3
	i 23 10.30		1.1s 126.90nm 5.9mb	GMN	128.08 355 PKP 32 41.50 1.3
SUF	52.93 342 iP 22 49.50 -0.4	KEV	58.31 348 iP 23 27.80 -0.8	CNC8	128.10 260 PKP 32 42.00 0.8
	0.8s 56.60nm 5.5mb		0.7s 38.70nm 5.6mb	ZOBO	128.18 261 PKPc 32 59.50 18.1X
HHC	53.10 50 Pc 22 57.00 0.3		eS 31 36.00		LR 15 00.00
	S 30 28.00	FLN	58.40 319 eP 23 27.80 -1.7	LP8	128.18 260 PKP 32 40.00 -1.2
TIY	53.13 54 Pc 22 51.60 -0.2		1.1s 92.70nm 5.8mb		Z 18s 0.69um 5.4Msz
	S 30 20.00	LGR	58.51 311 eP 23 30.00 -0.4		LR 18 26.00
TNS	53.37 322 ePd 22 52.80 -0.6		ePP 25 38.00	ALO	128.46 344 ePKP 32 41.00 0.0
CDF	53.39 320 eP 22 51.90 -1.7	GRR	58.55 318 eP 23 28.90 -1.7		Z 21s 0.90um 5.4Msz
	1.0s 85.60nm 5.7mb	LPF	58.59 318 eP 23 29.10 -1.7	YMT3	128.51 354 PKP 32 40.60 -0.9
BSF	53.49 319 eP 22 52.50 -1.9		1.1s 161.10nm 6.0mb	GSC	130.02 354 ePKP 32 42.60 -1.8
	1.1s 55.60nm 5.5mb	SUR	58.82 217 iPd 23 32.20 -0.6	SBB	130.71 355 ePKP 32 47.00 1.9
KJF	53.66 344 eP 22 54.00 -1.2		0.7s 41.10nm 5.7mb	TPC	131.13 353 ePKP 32 46.00 0.2
	0.8s 39.60nm 5.5mb	MAL	59.32 304 iPc 23 35.30 -0.8	GLA	132.01 352 ePKP 32 36.60 -11.6X
	eS 30 27.00		iS 31 44.00	LTX	132.77 338 ePKP 32 50.10 0.3
HAU	53.83 319 eP 22 54.70 -2.0	TOL	59.32 308 eP 23 36.00 -0.2		1.0s 6.60nm
WHN	53.83 63 iPc 22 57.60 0.7		i 23 39.00		S.D. = 1.2 on 205 of 217 obs.
UPP	53.85 336 iP 22 55.80 -0.8		e 27 22.00		
BNS	54.41 323 eP 23 00.50 -0.4		eS 31 46.00	*	DEC 14, 1985 18h 46m 24.68± 0.68s
	1.3s 95.60nm 5.7mb	IFR	59.73 300 iP 23 38.00 -1.3		16.946 N ± 7.9km 120.202 E ±12.8km
WLF	54.53 321 iPc 23 01.00 -0.8	SSE	59.73 62 Pd 23 38.10 -0.9		DEPTH = 85.6 ± 8.4 km
MEM	54.96 322 P 23 04.90 0.6		1.5s 103.00nm 5.7mb		4.5mb (1 obs.)
	e 24 24.60		Z 24s 2.40um 5.2MszX		LUZON, PHILIPPINE ISLANDS (249)
WTS	55.02 324 ePc 23 05.00 -0.4		N 20s 1.80um		
	1.0s 25.00nm 5.2mb		E 24s 2.10um	SZP	0.65 22 iPd 46 40.00 -0.5
SMF	55.02 317 eP 23 03.80 -1.7		ePPP 24 04.60		iS 46 50.00
	1.4s 123.70nm 5.7mb		eS 27 16.00	CVP	1.72 64 ePd 46 53.70 0.2
LBF	55.03 317 eP 23 04.20 -1.4		i 31 40.00		eS 47 15.00
ENN	55.07 322 iPc 23 05.40 -0.3	TRO	60.04 345 eP 23 40.40 -0.1	MAN	2.42 166 iPd 47 04.00 0.9
	1.0s 71.00nm 5.7mb	DL2	60.45 53 eP 23 43.00 -0.8		iS 47 32.50
LOR	55.19 318 eP 23 05.50 -1.3	PGP	60.89 83 iPc 23 44.00 -3.1X	PGP	3.50 168 ePd 47 17.00 -0.9
SSF	55.36 317 eP 23 06.80 -1.2	ESY	61.58 326 iPc 23 50.00 -1.3		iS 47 51.00
	1.1s 79.10nm 5.7mb		0.7s 54.00nm 5.8mb	HKC	7.79 314 iP 48 17.90 0.6
AVF	55.38 317 eP 23 06.30 -1.8	EKA	61.72 325 Pc 23 53.90 1.7	KJF	75.98 333 eP 58 03.00 -0.7
	1.0s 44.80nm 5.5mb		1.0s 14.40nm 5.1mb	SUF	76.94 332 iP 58 08.60 -0.5
WIT	55.42 325 ePd 23 08.50 0.3	ESK	61.74 325 eP 23 51.50 -0.8	HFS	83.42 331 eP 58 43.90 0.3
FFS	55.59 335 eP 23 08.40 -1.6	EDU	61.98 327 eP 23 52.30 -1.6		0.4s 2.40nm 4.5mb
	0.6s 31.90nm 5.5mb		e 26 03.80	YKA	89.98 22 eP 59 16.10 0.6
	Z 18s 3.28um 5.5Msz	KIC	62.08 269 eP 23 54.60 -0.7		S.D. = 0.8 on 9 of 9 obs.
	LR 47 10.00	SNY	62.18 50 iPc 23 54.40 -1.1		
DOU	55.63 321 Pc 23 09.20 -0.6		S 32 20.00		DEC 14, 1985 21h 04m 45.91± 0.24s
	1.0s 111.10nm 5.8mb	ELO	62.33 327 eP 23 54.90 -1.4		20.074 N ± 4.4km 70.524 W ± 4.6km
	Z 16s 1.90um 5.3MszX		0.9s 36.00nm 5.6mb		DEPTH = 33.0km (normal)
	S 30 57.00	EAB	62.59 326 eP 23 57.90 -0.1		4.6mb (22 obs.) 4.1Msz (1 obs.)
FGF	55.65 317 eP 23 09.00 -1.1		0.9s 16.00nm 5.2mb		DOMINICAN REPUBLIC REGION (88)
MUD	55.70 330 iPc 23 09.50 -0.7		e 26 04.40		
	1.4s 140.00nm 5.8mb	ECP	62.83 321 iPc 23 41.20 -18.4X	SJG	4.57 115 iPd 65 53.00 -1.6

CAR	10.12	159	ePn	06	57.80	-14.4X
	0.9s		40.34nm			
SDV	11.12	181	eP	07	28.10	2.1
UPA	14.05	220	ePc	08	03.50	-1.4
	0.9s		42.02nm		5.1mb	X
BOG	15.74	193	eP	08	29.00	1.7
			eS	11	30.00	
CHN	15.81	199	eP	08	30.00	2.0
BLA	19.14	335	P	09	10.00	0.9
	0.9s		49.06nm		4.8mb	
PSO	19.91	200	eP	09	17.50	-0.8
RSCP	20.37	323	eP	09	25.30	2.8
FVM	24.84	320	eP	10	08.00	1.4
	1.0s		20.00nm		4.7mb	
MNT	25.49	355	eP	10	18.00	5.3X
RLO	26.80	312	eP	10	24.80	-0.1
TUL	27.21	311	eP	10	28.80	0.1
	1.3s		71.00nm		5.2mb	
Z	20s		0.57um		4.1Msz	
JCT	28.35	297	eP	10	28.10	-11.1X
	1.1s		6.96nm			
OZO	29.37	306	eP	10	45.50	-2.7
LTX	31.40	294	eP	11	06.50	0.1
	0.6s		2.20nm		4.2mb	
LHC	32.06	336	eP	11	11.50	-0.3
			pP	11	17.00	19kmX
ALQ	34.93	303	eP	11	36.80	-0.3
	1.0s		3.00nm		4.2mb	
GLD	35.60	311	eP	11	43.00	0.3
GOL	35.68	311	eP	11	43.00	-0.5
RSON	35.75	335	eP	11	42.80	-0.8
ZOBO	36.19	176	eP	11	50.00	1.7
Z	24s		0.43um		4.1MszX	
			LR	22	24.00	
LPB	36.45	176	eP	11	51.00	0.7
			LR	22	50.00	
CNCB	36.74	176	P	11	51.00	-1.8
BDW	39.79	314	eP	12	17.00	-0.8
	0.8s		1.75nm		3.9mb	
SOB1	41.20	132	eP	12	28.60	-0.8
TPZ	41.55	173	(P)	12	30.00	-2.6
BAO	41.83	146	iPd	12	33.20	-1.4
FFC	42.01	333	eP	12	34.50	-1.0
	0.7s		6.00nm		4.4mb	
PRN	42.27	304	P	12	39.50	1.4
TPC	42.53	299	eP	12	45.00	4.7X
LRM	42.87	317	eP	12	43.40	0.3
PLM	43.12	298	eP	12	46.00	0.8
YMT3	43.22	303	P	12	46.00	0.1
GSC	43.31	300	eP	12	48.00	1.4
GMN	43.98	303	P	12	52.00	-0.2
SES	43.99	323	eP	12	52.00	0.2
SBB	44.06	299	eP	12	54.00	1.3
MWC	44.20	299	eP	12	53.00	-1.0
BMN	44.56	308	eP	12	56.50	-0.2
	1.0s		5.00nm		4.3mb	
ISA	44.71	301	eP	13	04.00	6.1X
MNA	44.87	305	eP	13	00.30	1.0
JAS1	46.55	304	eP	13	12.10	-0.3
EDM	46.59	326	iPc	13	11.50	-1.0
NEW	46.73	318	eP	13	13.00	-0.7
YKC	51.94	336	eP	13	51.50	-2.0
RSNT	51.98	336	P	13	52.30	-1.5
YKA	52.00	336	eP	13	53.00	-1.0
TOL	59.56	55	eP	14	59.00	10.2X
MBC	61.36	348	eP	14	59.00	-1.5
LPF	61.70	46	eP	15	03.40	0.2
GRR	61.83	45	eP	15	04.40	0.3
FLN	62.09	45	eP	15	06.10	0.3
	0.7s		7.40nm		4.9mb	
MFF	62.31	47	eP	15	07.80	0.5
LDF	62.32	45	eP	15	07.80	0.4
ALE	62.58	1	eP	15	07.00	-1.6
	0.6s		4.00nm		4.7mb	
EPF	62.75	51	iPc	15	11.40	1.1
LFF	62.96	49	eP	15	11.90	0.3
LPO	63.29	49	eP	15	14.20	0.4
LSF	63.47	48	eP	15	15.10	0.1
RJF	63.49	49	eP	15	15.40	0.2
CAF	63.90	49	iPc	15	18.20	0.3
	1.0s		8.00nm		4.8mb	
TCF	63.94	47	eP	15	18.20	0.1
	1.0s		8.80nm		4.8mb	
MZF	64.20	48	eP	15	20.00	0.2
BGF	64.37	47	iPc	15	21.00	0.1
	0.7s		4.40nm		4.7mb	
GRC	64.49	46	iPc	15	21.70	0.1
AVF	64.71	47	eP	15	23.00	0.0
	0.9s		3.20nm		4.4mb	
SSF	64.80	47	eP	15	23.60	0.0
	1.0s		6.80nm		4.7mb	
LOR	65.03	46	iPc	15	25.00	-0.2
	0.9s		10.40nm		4.9mb	
SMF	65.05	47	iPc	15	25.00	-0.3
KIC	65.12	92	eP	15	23.30	-2.9
LBF	65.12	47	eP	15	25.30	-0.5
ENN	66.21	42	ePc	15	32.80	0.2
COL	66.61	333	eP	15	34.00	-0.9
WTS	66.70	41	eP	15	36.00	0.3
	0.9s		15.00nm		5.1mb	
			e	15	42.50	
BSF	66.97	46	eP	15	37.40	-0.3
LPG	67.16	48	iPc	15	39.90	0.7
NB2	68.67	31	P	15	48.40	0.5
	0.7s		2.10nm		4.3mb	
HFS	69.95	32	eP	16	01.80	6.1X
	0.7s		2.60nm		4.4mb	
BRG	71.25	42	iP	16	04.20	0.3
	1.6s		25.00nm		5.0mb	
KHC	71.29	44	iPd	16	05.00	0.8
	1.0s		10.00nm		4.8mb	
ZST	73.76	44	eP	16	20.00	1.3
SOD	74.38	23	eP	16	17.00	-4.9X
NUR	75.25	31	eP	16	29.00	2.0
SUF	75.38	28	iP	16	28.40	0.7
	0.5s		3.00nm		4.5mb	
KJF	75.65	27	eP	16	21.00	-8.2X
MLR	80.33	45	eP	16	58.00	2.5
MAT	117.49	334	iPdiff	19	46.40	-0.8
CTA	145.50	264	iPKPc	24	22.20	-0.8
	1.0s		10.00nm			
WB2	156.63	266	ePKP	24	50.20	10.7X
	S.D. = 1.2		on	80	of	90 obs.

& DEC 14, 1985 22h 41m 44.30s
36.065 N 120.650 W
DEPTH = 5.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.0 (BRK).

PRI	0.08	351	iPd	41	46.30	0.1
PHAM	0.31	138	iP	41	50.90	0.4
LLA	0.60	337	iPd	41	56.40	0.1
			iS	42	04.50	
PRS	0.64	295	iPc	41	56.50	-0.6
SAO	0.95	318	ePc	42	01.40	-1.4
BCH	0.99	152	eP	42	02.90	-0.8
FRI	1.20	39	ePd	42	05.60	-1.4
			iS	42	19.40	
GCC	1.45	312	eP	42	09.30	-1.9
ARN	1.46	331	eP	42	10.20	-1.2
MHC	1.50	328	eP	42	11.30	-0.8
BLP	1.52	172	eP	42	10.40	-1.7
ABL	1.68	136	eP	42	13.20	-1.5
JAS1	1.87	6	eP	42	16.00	-1.2
			i	42	37.50	
BKS	2.21	325	iPc	42	23.10	1.0
			e	42	59.90	
EUR	5.04	46	iP	43	07.20	4.6
	15 obs. associated					

DEC 14, 1985 23h 29m 45.94± 0.38s
2.287 N ± 8.0km 128.630 E ±11.5km
DEPTH = 33.0km (normal)
5.0mb (6 obs.)
HALMAHERA (267)

PMG	21.81	122	eP	34	38.00	0.7
WRA	22.79	166	Pc	34	47.00	0.0
	0.6s		4.20nm		4.1mb	
WB2	22.80	166	eP	34	33.00	-14.1X
WB2	22.80	166	eP	34	47.00	-0.1
CTA	28.17	143	eP	35	56.00	18.4X
LOE	30.39	301	eP	35	56.00	-1.5
MUN	36.06	198	eP	36	45.80	-0.6
STK	36.14	161	eP	36	47.00	-0.1
XAN	36.56	332	Pc	36	50.20	-0.5
CD2	36.92	323	eP	36	54.50	0.7
BRS	37.57	143	P	36	58.30	-1.0
ADE	38.25	167	iPc	37	05.80	1.0
TIY	38.27	339	iPd	37	04.60	-0.4
BJI	39.24	345	eP	37	12.00	-1.0
LZH	40.71	329	iPc	37	26.50	1.1
	1.5s		69.00nm		5.2mb	
			pP	37	31.00	15kmX
SHL	42.25	307	iP	37	39.00	0.7
PKI	48.35	306	eP	38	27.20	0.1
	0.6s		5.00nm		4.7mb	
KKN	48.54	306	eP	38	28.60	0.2
	0.8s		11.00nm		4.9mb	
DMN	48.61	305	eP	38	29.40	0.4
	0.8s		19.00nm		5.2mb	
HYB	51.39	290	ePd	38	50.10	0.0
	1.0s		35.00nm		5.3mb	
GBA	51.82	285	P	38	54.00	0.6
WMQ	54.99	325	iPd	39	16.60	0.1
IR2	78.70	306	(P)	41	47.00	0.0
	S.D. = 0.7		on	21	of	23 obs.

• DEC 15, 1985 00h 45m 38.24± 0.76s
50.293 N ± 9.1km 12.442 E ± 6.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.64	304	eP	45	51.00	0.0
			eSg	46	00.00	
GRFO	0.99	233	eP	45	57.00	-0.1
BRG	1.12	58	iPg	45	59.50	0.2
			eSg	46	15.00	
KHC	1.38	147	ePg	46	03.90	0.4
			Sg	46	19.30	
PRU	1.39	102	Pg	46	03.00	-0.6
			Sg	46	20.50	
	S.D. = 0.5		on	5	of	5 obs.

• DEC 15, 1985 00h 46m 41.09± 1.91s
29.482 S ±14.8km 69.466 W ±19.4km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

VCA	1.33	57	ePc	47	03.70	0.0
			S	47	25.00	
RTLL	2.03	155	ePd	47	12.40	-1.3
RTCB	2.08	164	iPc	47	15.70	1.3
			S	47	42.10	
ZON	2.17	162	eP	47	17.00	1.4
RTCV	2.50	162	ePd	47	20.40	0.0
ROCH	3.72	200	eP	47	37.00	-0.8
PEL	3.80	196	eP	47	39.00	0.3
			eS	48	27.50	
BACH	3.96	193	eP	47	42.00	0.9
RFA	5.34	171	e(P)	47	58.90	-1.8
	S.D. = 1.3		on	9	of	9 obs.

DEC 15, 1985 01h 29m 20.02± 0.82s
39.861 N ± 8.2km 26.694 E ± 6.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EZN	0.29	263	iPg	29	25.70	-0.3
			ISg	29	31.70	
EDC	1.02	61	ePn	29	37.10	-2.2
IZM	1.53	163	iPn	29	47.80	0.4
KDZ	2.05	331	iPd	29	55.00	0.1
			iS	30	19.00	
DMK	2.12	22	iPn	29	57.10	1.2
ISK	2.17	56	iPn	29	58.00	1.3
DIM	2.34	339	eP	29	59.00	-0.1
JMB	2.60	358	eP	30	10.00	7.2X
GPA	2.81	80	ePn	30	09.00	3.2X
MMB	2.84	308	iPc	30	06.00	-0.3
			iS	30	39.00	
PVL	3.48	341	eP	30	15.00	-0.2
	S.D. = 1.2		on	9	of	11 obs.

• DEC 15, 1985 01h 35m 00.09± 0.78s
50.260 N ± 9.2km 12.405 E ± 6.7km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.64	308	ePg	35	13.00	0.2
			iSg	35	22.00	
GRFO	0.96	234	eP	35	18.00	-0.3
BRG	1.16	57	ePg	35	21.90	0.2
			eSg	35	37.00	
KHC	1.36	146	Pg	35	25.80	0.6
			Sg	35	41.10	
PRU	1.40	100	ePg	35	25.00	-0.7
			eSg	35	42.50	
	S.D. = 0.7		on	5	of	5 obs.

15d 01h

DEC 15, 1985 01h 42m 03.94± 0.66s
44.616 N ± 4.7km 111.020 W ± 8.8km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 3.7 (NEIS).

IMW	0.72	175	eP	42 17.90	-0.5
CCMT	1.35	283	iPd	42 29.90	0.3
LCCM	1.36	334	iPd	42 29.30	-0.4
TMI	1.46	207	eP	42 30.70	-0.5
SXM	1.54	355	ePn	42 32.70	0.4
LRM	1.57	321	iPnd	42 33.10	0.3
HPI	1.75	240	eP	42 35.40	0.0
BUT	1.77	323	ePn	42 36.10	0.5
			ePg	42 37.50	
			eSn	42 59.00	
BDW	2.12	150	eP	42 41.50	0.8
HRY	2.17	345	ePn	42 40.90	-0.5
MFW	5.37	286	e(P)	43 27.80	1.1
NEW	5.57	313	eP	43 28.00	-1.6
			eLg	44 58.00	
SES	5.78	360	eP	43 30.00	-2.5X
EUR	6.31	217	eP	43 44.00	3.8X
EDM	8.75	351	eP	44 47.50	33.5X

S.D. = 0.8 on 12 of 15 obs.

DEC 15, 1985 02h 01m 51.82± 0.90s
44.624 N ± 6.3km 111.046 W ±11.9km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 2.7 (NEIS).

IMW	0.73	174	iP	02 06.00	-0.5
CCMT	1.33	283	eP	02 18.00	0.9
LCCM	1.35	334	iPd	02 17.10	-0.2
TMI	1.46	206	eP	02 18.50	-0.6
LRM	1.56	321	ePn	02 20.70	0.3
HPI	1.74	239	eP	02 23.30	0.2
BUT	1.75	323	ePg	02 24.90	1.7
			eSn	02 47.40	
BDW	2.14	149	eP	02 29.70	0.9
HRY	2.16	346	ePn	02 28.60	-0.5
NEW	5.55	313	eP	03 15.00	-2.2

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

DEC 15, 1985 02h 24m 19.29± 0.37s
42.290 N ± 5.0km 19.941 E ± 3.7km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 3.5 (THE). DUR 3.4 (TTG).

PVY	0.31	5	iPgd	24 24.50	-1.2
			eSg	24 30.00	
TTG	0.52	286	iPgc	24 29.40	-0.5
			eSg	24 38.00	
IVA	0.58	357	ePg	24 30.00	-1.1
			eSg	24 38.60	
ULC	0.61	238	ePg	24 31.60	0.0
			eSg	24 42.00	
BDV	0.83	270	ePg	24 35.30	0.0
			eSg	24 49.20	
NKY	0.87	307	ePg	24 35.40	-0.7
			eSg	24 49.00	
HCY	1.08	279	iPg	24 39.60	0.0
			iSg	24 57.20	
PLE	1.11	339	ePg	24 40.00	-0.3
			eSg	24 57.00	
BRY	1.20	301	ePg	24 41.00	-0.7
			eSg	25 00.00	
KNT	2.48	116	ePn	25 00.10	-0.3
THE	2.81	125	ePn	24 57.80	-7.3X
			eSn	25 26.60	
THE	2.81	125	ePn	25 04.90	-0.2
MMB	2.91	103	eP	25 01.00	-5.5X
LIT	2.91	138	ePn	25 07.20	0.7
SOH	2.95	119	ePn	25 07.10	0.0
SPS	2.97	112	ePn	25 07.10	-0.3
CUR	3.62	121	ePn	25 16.50	0.0
FAIG	3.68	129	ePn	25 17.10	-0.3
DIM	4.20	91	eP	25 37.00	12.2X
UMB	4.92	86	eP	25 55.00	-0.1
CEY	5.26	313	ePn	25 42.30	2.4
			eSn	26 46.90	
MLR	5.39	52	eP	25 43.00	1.2
UJU	5.40	316	ePn	25 45.80	3.9X
			eSn	26 52.80	
TRI	5.61	310	iPn	25 46.40	1.6
			iSn	26 51.60	
			iSg	27 23.70	
VOY	5.74	313	iPn	25 48.70	2.1
			iSn	26 56.30	
KBA	6.71	318	iPn	26 03.80	3.4X
			iSn	27 22.60	
KHC	8.16	329	eP	26 21.60	1.1
LPG	10.05	293	eP	26 47.90	1.0
	0.5s		3.60nm		5.1mb X
BSF	10.82	305	eP	26 58.10	0.8
SMF	12.29	296	eP	27 15.80	-1.4
	0.6s		3.00nm		4.7mb X
LBF	12.30	298	eP	27 16.30	-1.0
	0.6s		3.00nm		4.7mb X
LOR	12.46	299	eP	27 18.60	-0.8
AVF	12.66	296	eP	27 20.50	-1.6

S.D. = 1.1 on 28 of 33 obs.

• DEC 15, 1985 02h 36m 24.80± 1.37s
10.083 S ± 7.2km 123.924 E ±13.0km
DEPTH = 64.5 ± 14.9 km
4.9mb (9 obs.)
TIMOR (289)

MKS	6.55	317	ePd	38 02.00	1.3
			e	38 56.00	
MKS	6.55	317	ePd	38 02.40	1.7
KNA	7.35	141	eP	38 12.50	0.7
	0.4s		204.00nm		6.2mb X
MBL	11.70	199	eP	39 09.00	-2.2
			eS	41 12.00	
WB2	14.05	135	iPc	39 40.40	-1.8
			iS	42 09.00	
NAU	14.79	212	eP	39 50.00	-1.8
	0.4s		20.00nm		4.8mb
			eS	42 20.00	
WBN	16.17	171	eP	40 10.00	0.6
			eS	41 57.00	
ASPA	16.53	146	iPd	40 15.50	1.5
	0.4s		63.00nm		5.1mb
			eS	43 09.00	
MEK	17.21	196	eP	40 23.00	0.5
	0.5s		24.00nm		4.6mb
			eS	43 22.00	
MRWA	20.43	200	eP	40 59.00	-0.3
	0.5s		7.00nm		4.2mb
			eS	44 37.00	
KLG	20.73	186	eP	41 02.50	0.2
BAL	21.50	197	eP	41 10.00	-0.1
			eS	45 00.00	
KLB	22.15	194	eP	41 17.00	0.4
			eS	45 16.00	
MUN	22.93	197	eP	41 24.00	-0.2
			eS	45 31.00	
NWAO	23.56	194	eP	41 31.00	0.8
			eS	45 33.00	
PGP	23.62	353	ePd	41 30.00	-0.9
	0.5s		137.00nm		5.7mb
CTA	23.72	117	iPc	41 38.90	7.0X
	0.9s		13.45nm		4.4mb
BRS	32.17	126	P	42 53.80	5.1X
CD2	45.12	335	eP	44 36.10	-0.6
XAN	46.14	343	eP	44 43.40	-1.3
PKI	52.85	316	eP	45 35.10	-1.6
	0.5s		12.00nm		5.2mb
KKN	53.08	316	eP	45 36.80	-1.4
	0.5s		8.00nm		5.0mb
DMN	53.08	316	eP	45 37.00	-1.3
GTA	54.10	337	P	45 44.40	-1.1
IR2	82.35	308	eP	48 43.00	1.6
BUL	91.50	249	iPc	49 28.60	2.4
	0.7s		5.48nm		5.1mb
KIC	129.10	270	ePKP	55 31.10	2.9
JCT	134.60	57	ePKP	55 43.20	4.9X
	0.8s		4.85nm		
ITA	145.87	199	ePKP	56 03.50	4.5X
VAO	145.93	195	e(PKP)	56 03.00	4.2X
TPZ	147.25	163	ePKP	56 09.00	7.6X
CNCB	150.80	156	iPKP	56 18.00	10.8X
ZOBO	151.23	155	PKP	56 18.30	10.4X
	1.0s		7.00nm		
BAO	153.22	198	e(PKP)	56 20.80	10.6X
ITR	154.32	224	ePKP	56 22.40	10.8X
SOB1	155.60	219	e(PKP)	56 26.00	12.7X

S.D. = 1.5 on 25 of 36 obs.

? DEC 15, 1985 04h 04m 46.80±18.90s
31.248 S ±49.5km 71.072 W ±157.km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

RTCB	1.96	98	ePc	05 18.90	0.5
			S	05 45.10	
ZON	2.07	99	eP	05 21.00	1.1
RTLL	2.23	93	eP	05 21.90	-0.3
RTCV	2.25	106	ePc	05 22.40	-0.1
CFA	2.45	99	ePc	05 25.30	-0.1
			S	05 57.00	
VCA	3.53	46	ePd	05 41.00	0.2
			S	06 27.00	

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

? DEC 15, 1985 04h 15m 20.24± 4.69s
15.037 N ±55.5km 92.849 W ±20.5km
DEPTH = 33.0km (normal)
4.0mb (2 obs.)
MEXICO-GUATEMALA BORDER REGION (62)

VHO	4.33	301	iP	16 25.00	-0.6
TPM	7.12	304	eP	17 06.00	1.0
OXM	7.79	304	eP	17 14.00	-0.5
JCT	16.65	339	eP	19 14.00	1.3
	0.9s		5.04nm		3.6mb
QZO	20.62	345	eP	19 57.10	-2.3
TUL	20.95	353	eP	20 08.30	5.5X
	0.7s		12.60nm		4.4mb
YKA	49.83	347	eP	24 12.80	0.9
INK	59.22	344	ePc	25 20.50	0.2

S.D. = 1.6 on 7 of 8 obs.

? DEC 15, 1985 05h 07m 30.84± 3.08s
23.267 N ±14.7km 121.804 E ±26.8km
DEPTH = 33.0km (normal)
TAIWAN (244)

TWF1	0.47	280	iPd	07 41.00	-0.1
TWG	0.81	237	iPd	07 45.80	0.0
TWD	0.83	347	eP	07 46.00	-0.1
			eS	07 57.50	
TWK	1.21	270	ePd	07 51.50	-0.1
			eS	08 06.70	
TWQ	1.34	319	iPd	07 53.50	0.1
			eS	08 10.00	

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

• DEC 15, 1985 05h 11m 29.23± 1.68s
16.782 S ±18.2km 72.845 W ±15.1km
DEPTH = 33.0km (normal)
NEAR COAST OF PERU (115)

ARE	1.34	76	iPc	11 51.50	-0.5
			iS	12 12.50	
PT06	4.46	311	eP	12 54.50	18.1X
			e	13 00.00	
			eS	15 07.50	
LPB	4.56	88	eP	12 42.00	3.9X
	1.0s		60.00nm		
			i	12 43.50	
ZOBO	4.56	84	iP	12 38.50	0.3
Z	19s		0.32um		
			LR	14 24.00	
CNCB	4.66	91	P	12 40.00	0.3
			i	12 41.00	
HUA	5.29	333	eP	12 48.50	0.0
			eS	13 55.00	
TPZ	8.19	126	eP	13 29.00	-0.1

S.D. = 0.5 on 5 of 7 obs.

• DEC 15, 1985 05h 30m 09.30± 1.15s
65.095 N ±12.9km 148.654 W ± 7.4km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.4 (PMR).

COL	0.41	118	iPd	30 17.70	-0.1
FBA	0.41	118	eP	30 17.70	-0.1
IMA	2.31	297	eP	30 49.30	1.3
TOA	3.20	159	eP	31 02.30	1.6
PME	3.48	183	eP	31 04.80	0.2
PWA	3.50	190	eP	31 05.00	0.2
PMS	3.89	186	eP	31 12.50	2.1X
TTA	3.90	239	eP	31 08.50	-2.1
DWY	4.11	101	P	31 12.40	-1.1
			e	31 25.40	

Lg 32 30.40
S.D. = 1.4 on 8 of 9 obs.

? DEC 15, 1985 05h 58m 14.60± 2.12s
32.302 S ±23.9km 74.115 W ±27.0km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

ROCH	2.70	105	iP	58 56.50	-0.4
			iS	59 08.70	
			i(S)	59 12.00	
LNV	2.80	127	iPd	58 58.40	0.3
			i(S)	59 20.50	
TACH	2.99	118	iP	59 00.20	-0.6
			iS	59 17.40	
PEL	3.01	107	iPc	59 01.50	0.4
			iS	59 21.10	
SAN	3.12	112	eP	59 02.50	-0.2
BACH	3.23	110	iPc	59 04.40	0.2
CHCH	3.33	120	iPd	59 05.60	-0.1
FCH	3.38	109	eP	59 07.00	0.4
ZON	4.68	82	eP	59 36.00	11.1X
RFA	5.32	119	eP	59 41.60	7.7X
VCA	6.21	57	ePd	00 00.20	13.6X
BOG	36.72	0	eP	05 21.00	0.0

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

• DEC 15, 1985 06h 03m 30.95± 0.87s
1.165 S ±10.3km 76.174 W ±13.1km
DEPTH = 33.0km (normal)
4.0mb (1 obs.)
ECUADOR (107)

QUR	2.55	293	iPd	04 11.50	0.2
PSO	2.61	334	eP	04 24.50	12.4X
CAR	14.80	38	eP	07 00.20	0.3
ARE	15.89	163	eP	07 15.00	0.9
ZOBO	16.98	153	P	07 29.20	1.0
	0.9s		12.54nm		4.0mb
LPB	17.22	153	P	07 32.00	0.9
CNCB	17.51	153	P	07 35.00	0.0
CCH	18.90	149	eP	07 52.00	0.3
TPZ	22.61	154	P	08 28.00	-2.6
ITA	37.16	127	eP	10 39.60	-1.6
ITR	38.33	103	iPd	10 51.60	0.8

S.D. = 1.4 on 10 of 11 obs.

DEC 15, 1985 06h 32m 53.12± 0.42s
38.929 N ± 9.2km 70.145 E ± 9.7km
DEPTH = 33.0km (normal)
4.9mb (9 obs.)
AFGHANISTAN-USSR BORDER REGION (717)
Felt (V) at Chor-Sady and Bogizogon and (III) at Dushanbe, Gorm and Kulyab, USSR.

MHI	8.85	256	eP	35 02.00	0.2
NDI	11.78	148	eP	35 42.00	0.1
			eS	37 47.00	
KKN	16.81	127	eP	36 45.00	-2.7
	0.5s		16.00nm		4.4mb
DMN	16.83	128	eP	36 47.80	-0.2
	0.4s		22.00nm		4.6mb
PKI	17.04	127	eP	36 48.80	-2.0
	0.5s		13.00nm		4.3mb
HYB	22.65	159	eP	37 54.50	1.8
GBA	26.04	164	P	38 28.00	2.9
KJF	35.45	329	eP	39 47.00	-0.9
NUR	35.48	323	iP	39 47.90	-0.2
SUF	35.52	327	iP	39 48.20	-0.3
	0.3s		4.40nm		4.9mb
KRA	36.85	304	iPd	39 59.20	-0.6
SOD	37.26	334	iP	40 03.00	-0.1
PRU	40.33	305	P	40 28.50	-0.4
BRG	40.62	306	eP	40 31.00	-0.2
	0.8s		14.00nm		4.8mb
HFS	40.75	320	eP	40 31.60	-0.6
	0.5s		32.70nm		5.3mb
KHC	41.05	303	P	40 35.10	0.2
			e	42 20.50	
NB2	42.05	322	P	40 42.10	-0.8
	0.5s		16.60nm		5.0mb
MBC	64.95	3	eP	43 32.00	0.9
	0.6s		11.00nm		5.1mb
INK	71.62	9	iPc	44 13.30	0.6
COL	72.33	16	eP	44 18.00	1.0
KIC	74.28	265	eP	44 27.00	-2.1
YKA	78.85	2	eP	44 55.20	1.3
YKC	78.87	2	ePc	44 55.00	1.0
	0.8s		13.00nm		5.0mb
WB2	83.85	122	eP	45 21.00	0.2
EDM	88.17	2	eP	45 42.50	0.8

S.D. = 1.3 on 25 of 25 obs.

• DEC 15, 1985 07h 14m 52.23± 0.92s
35.281 N ±11.2km 104.635 W ± 7.1km
DEPTH = 5.0km (geophysicist)
NEW MEXICO (496)
mbLg 3.4 (NEIS), 3.6 (TUL). Felt at Garito, Trementino and Trujillo.

ALQ	1.53	258	iPc	15 20.90	0.4
			eS	15 41.20	
LPM	1.91	240	P	15 26.00	0.1
MLM	2.11	258	P	15 28.40	-0.5
CLN4	2.96	170	P	15 41.40	0.5
OZO	4.39	93	ePn	15 56.50	-4.6X
			eSn	17 02.00	
GOL	4.45	353	eP	16 07.50	5.3X
GLD	4.49	354	e(P)	16 07.50	4.9X
ACO	4.67	71	ePn	16 05.10	0.0
			eSn	17 15.00	
RRO	5.13	86	(Pn)	16 13.40	1.8X
LTX	5.99	172	eP	16 23.20	-0.5
MSU	6.85	300	eP	16 40.00	4.0X
TUL	7.23	82	ePn	17 02.50	21.3X
	1.4s		25.60nm		
RLO	7.87	81	ePn	16 45.30	-4.8X
BDW	8.41	334	eP	17 02.00	4.1X

S.D. = 0.6 on 6 of 14 obs.

? DEC 15, 1985 08h 15m 07.75± 0.66s
45.562 N ±11.0km 26.744 E ±13.2km
DEPTH = 100.0km (geophysicist)
ROMANIA (358)

VRI	0.31	358	iPc	15 23.00	0.4
ISR	0.45	198	iPc	15 24.00	0.5
CVO	0.48	303	iPc	15 23.50	-0.1
MLR	0.57	263	iPc	15 24.00	-0.4
CLI	1.06	21	iPc	15 29.00	-0.1
TLB	1.33	136	iPc	15 32.00	-0.3

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

DEC 15, 1985 09h 05m 02.86± 0.60s
7.564 S ± 6.4km 119.425 E ± 7.7km
DEPTH = 282.7 ± 7.5 km
4.6mb (7 obs.)
FLORES SEA (279)

MKS	2.33	1	iPd	05 51.60	0.3
KHKI	3.86	258	eP	06 07.10	0.0
			eS	06 56.50	
			e	09 31.00	
KNA	12.24	132	eP	07 48.30	-1.5
	0.3s		67.00nm		5.4mb X
MBL	13.52	178	eP	08 06.70	1.2
NAU	15.37	194	eP	08 27.00	-0.7
	0.4s		8.00nm		4.5mb
MEK	18.96	182	eP	09 05.00	-0.4
	0.5s		73.00nm		5.3mb
WB2	19.00	132	iPc	09 05.50	-0.2
			i	09 20.90	
			eS	12 21.30	
WBN	19.69	161	eP	09 13.00	0.4
ASPA	21.20	141	eP	09 28.00	0.6
MRWA	21.78	188	eP	09 34.00	1.0
IPM	21.97	303	ePd	09 35.00	0.1
	0.7s		38.80nm		4.9mb
PSI	22.85	296	ePc	09 44.40	1.0
			e	13 37.00	
KLG	23.18	176	eP	09 45.70	-0.6
KLB	23.96	184	eP	09 52.00	-1.5
CTA	28.82	118	iPc	10 37.10	-0.4
	1.0s		9.50nm		4.3mb
STK	31.81	142	eP	11 03.00	-0.5
CHG	33.09	323	eP	11 15.00	0.4
BRS	37.23	126	iP	11 49.90	0.4
CAN	38.70	140	eP	12 02.50	1.0
WAM	39.18	141	eP	12 06.80	1.5
PKI	47.99	318	iP	13 15.30	-0.8
	0.4s		13.00nm		4.6mb
DMN	48.21	318	iP	13 17.10	-0.6
	0.4s		18.00nm		4.8mb
KKN	48.22	318	iP	13 17.20	-0.5
	0.4s		6.00nm		4.3mb
JCT	136.80	53	ePKP	23 46.80	-7.3X
ITR	152.61	234	iPKPc	24 27.10	6.3X

S.D. = 0.9 on 23 of 25 obs.

? DEC 15, 1985 09h 11m 56.64± 5.34s
18.908 S ±15.6km 69.696 W ±52.9km
DEPTH = 33.0km (normal)
NORTHERN CHILE (123)

CNCB	2.65	38	iP	12 39.50	1.0
			S	13 10.00	
LPB	2.81	33	eP	12 40.00	-0.6
			S	13 14.00	
ZOBO	3.02	30	iP	12 43.70	-0.1
	0.4s		12.04nm		
CCH	3.70	66	eP	12 53.00	-0.2
TPZ	4.52	125	eP	13 05.00	0.0

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

• DEC 15, 1985 09h 22m 36.81± 1.09s
62.116 N ±16.2km 124.287 W ±10.1km
DEPTH = 10.0km (geophysicist)
NORTHWEST TERRITORIES, CANADA (679)

FST1	1.47	102	Pg	23 05.40	2.1
			Sg	23 24.00	
YKA	4.53	81	eP	23 46.60	-0.4
RSNT	4.54	81	ePn	23 47.00	-0.1
			ePg	24 03.00	
			eSn	24 47.00	
			eSg	24 55.00	
YKC	4.60	81	eP	23 48.00	0.1
DWY	7.14	292	P	24 25.00	1.2
			Lg	26 37.00	
INK	7.32	332	eP	24 25.00	-1.2
	0.9s		37.00nm		5.6mb X
EDM	10.65	142	eP	25 11.00	-1.4
FFC	13.78	112	eP	25 50.50	-3.8X
	0.9s		27.00nm		5.1mb X
MBC	14.29	5	eP	25 57.00	-3.9X

S.D. = 1.5 on 7 of 9 obs

DEC 15, 1985 10h 05m 45.25± 0.60s
50.226 N ± 5.8km 12.435 E ± 5.3km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 1.8 (GRF).

MOX	0.67	309	ePg	05 58.50	-0.1
			eSg	06 08.00	
GRF	0.95	236	iPg	06 03.50	0.2
			eSg	06 16.00	
			eLg	06 18.30	
CLL	1.14	18	iPg	06 06.50	-0.1
			eSg	06 22.00	
BRG	1.16	55	iPg	06 07.00	0.1
			iSg	06 22.40	
BRG	1.16	55	iPg	06 07.10	0.2
			iSg	06 22.70	
KHC	1.32	145	ePg	06 09.50	-0.2
			Sg	06 27.00	
PRU	1.38	99	Pg	06 10.50	0.0
			Sg	06 27.90	

S.D. = 0.2 on 7 of 7 obs.

• DEC 15, 1985 11h 03m 07.04± 1.65s
13.176 N ±20.7km 95.712 E ± 8.9km
DEPTH = 33.0km (normal)
4.1mb (3 obs.)
ANDAMAN ISLANDS REGION (703)

KHT	3.22	60	eP	03 57.90	1.4
NNT	3.97	98	ePn	04 06.30	-0.8
			eSg	05 30.00	
NST	4.95	59	eP	04 55.40	34.3X
BDT	5.14	38	eP	04 23.70	-0.1
CHG	6.41	29	eP	04 46.00	4.3X
LOE	7.17	53	eP	04 51.00	-1.3
HYB	17.08	286	eP	07 05.80	0.7
PKI	17.26	328	eP	07 06.30	-1.2
	0.8s		15.00nm		4.2mb
DMN	17.45	327	eP	07 10.60	0.8
	0.7s		11.00nm		4.1mb
KKN	17.50	328	eP	07 09.00	-1.5

15d 11h

	0.6s	6.00nm		3.9mb		
GBA	17.79	273 P	07	24.00	10.2X	
NDI	23.11	315 eP	08	18.50	7.4X	
LZH	23.96	16 eP	08	21.50	2.0	
	S.D. = 1.5	on	9 of	13 obs.		
	DEC 15, 1985 11h 04m 44.60± 0.69s					
	50.214 N ± 6.7km	12.418 E ± 6.2km				
	DEPTH = 10.0km	(geophysicist)				
	GERMANY			(543)		
MOX	0.67	310 ePg	04	57.50	-0.4	
		eSg	05	06.50		
GRF	0.93	236 ePg	05	02.60	0.2	
		eSg	05	14.80		
		eLg	05	17.30		
CLL	1.16	18 (Pg)	05	07.00	0.8	
		eSg	05	21.00		
BRG	1.18	55 iPg	05	06.00	-0.6	
		iSg	05	20.50		
KHC	1.32	145 ePg	05	09.00	0.0	
		Sg	05	25.80		
PRU	1.39	99 ePg	05	10.00	0.1	
		eSg	05	27.00		
	S.D. = 0.6	on	6 of	6 obs.		
	DEC 15, 1985 11h 45m 32.14± 0.82s					
	30.831 N ± 8.4km	86.394 E ±17.5km				
	DEPTH = 33.0km	(normal)				
	4.5mb (5 obs.)					
	TIBET			(306)		
KKN	3.18	198 iPd	46	22.00	0.8	
PKI	3.36	195 iPd	46	24.50	0.6	
DMN	3.40	200 iPd	46	25.10	0.7	
SHL	7.14	136 iP	47	11.10	-6.0X	
		iS	48	28.20		
NDI	8.26	257 iPc	47	30.50	-2.1X	
	0.7s	61.64nm		5.8mb X		
		eS	49	02.00		
HYB	15.14	210 eP	49	03.00	-2.3	
CHG	16.50	134 eP	49	24.00	1.2X	
GBA	19.03	208 P	49	55.00	0.9	
SUF	49.51	328 iP	54	20.50	-0.6	
	0.5s	6.60nm		4.9mb		
HFS	55.28	324 eP	55	05.50	1.2	
	0.6s	3.30nm		4.5mb		
NB2	56.46	326 P	55	13.60	0.8	
	0.7s	2.20nm		4.3mb		
WRA	68.34	131 Pc	56	32.50	0.0	
	0.2s	0.30nm		4.0mb		
WB2	68.35	131 eP	56	31.90	-0.7	
BNG	68.74	262 ePd	56	34.00	-1.2	
	0.6s	3.00nm		4.5mb		
	S.D. = 1.2	on	11 of	14 obs.		
	DEC 15, 1985 12h 03m 03.62± 1.06s					
	44.615 N ± 5.5km	111.000 W ±13.6km				
	DEPTH = 5.0km	(geophysicist)				
	HEBGEN LAKE REGION			(458)		
	ML 2.7 (NEIS).					
IMW	0.72	176 iPc	03	18.10	0.1	
CCMT	1.37	283 eP	03	30.00	0.5	
LCCM	1.37	333 eP	03	29.50	0.0	
TMI	1.47	207 eP	03	30.50	-0.5	
SXM	1.54	355 ePn	03	32.50	0.5	
LRM	1.58	320 ePn	03	32.90	0.3	
HPI	1.76	240 eP	03	35.70	0.5	
BUT	1.78	322 ePg	03	37.20	1.8X	
		eSn	03	58.90		
NEW	5.59	313 eP	04	28.00	-1.4	
	S.D. = 0.8	on	8 of	9 obs.		
	DEC 15, 1985 12h 24m 34.59± 0.56s					
	5.494 S ± 5.7km	151.619 E ± 5.1km				
	DEPTH = 57.9 ± 6.6 km					
	4.8mb (6 obs.)					
	NEW BRITAIN REGION			(192)		
BIAL	0.59	288 iPd	24	47.00	-0.5	
RAB	1.41	23 iPd	24	59.00	0.7	
		iS	25	20.00		
BGA	3.60	101 iPd	25	28.50	-0.8	
		eS	26	11.00		
PAA	3.93	102 eP	25	33.00	-1.0	
		eS	26	17.00		
ALOA	4.93	194 eP	25	49.00	1.1	
MDG	5.82	272 eP	25	51.00	-9.4X	
PMG	5.89	228 eP	26	01.00	-0.4	
VSG	8.85	115 eP	26	44.00	1.5	
CTA	15.42	199 iPd	28	15.80	5.8X	
	0.7s	5.82nm		3.9mb		
GUA	20.05	341 e(P)	29	06.50	0.7	
	1.0s	200.00nm		5.4mb		
BRS	21.80	177 iP	29	24.10	0.5	
DZM	21.85	140 iPc	29	22.90	-1.2	
NOU	22.02	141 iPc	29	29.80	4.1X	
WB2	22.10	228 eP	29	26.00	-0.5	
		i	29	28.90		
KNA	24.63	244 eP	29	52.00	0.8	
ASPA	24.85	222 eP	29	53.00	-0.3	
	0.8s	56.00nm		5.1mb		
WBN	31.53	227 eP	30	53.40	-0.2	
	0.6s	9.00nm		4.7mb		
KKN	71.95	301 eP	35	53.90	-0.6	
	0.6s	5.00nm		4.6mb		
DMN	72.05	301 eP	35	54.80	-0.4	
COL	82.96	22 eP	36	54.00	-0.4	
SPA	84.54	180 iPc	37	03.20	0.6	
	0.7s	7.03nm		4.9mb		
EUR	95.32	51 iP	37	54.50	0.4	
	0.2s	10.33nm		5.9mb X		
BNG	133.24	271 ePKPc	43	46.40	-0.4X	
	0.4s	4.00nm				
		i	43	58.90		
	S.D. = 0.8	on	19 of	23 obs.		
	DEC 15, 1985 12h 43m 31.36± 0.38s					
	50.888 N ± 5.0km	134.466 W ± 6.5km				
	DEPTH = 10.0km	(geophysicist)				
	4.7mb (24 obs.)					
	WEST OF VANCOUVER ISLAND			(21)		
SIT	6.20	356 eP	45	04.50	-0.6	
BFW	8.65	116 eP	45	39.00	-0.4	
SHW	9.37	115 eP	45	50.30	0.8	
YAH	10.34	339 eP	46	03.00	0.1	
NEW	11.56	96 eP	46	20.00	0.6	
FHC	12.44	140 eP	46	32.00	0.8	
EDM	13.20	72 eP	46	42.00	0.7	
WDC	13.23	137 ePc	46	42.70	0.9	
PME	13.43	329 eP	46	44.00	-0.2	
	1.0s	20.00nm		5.1mb		
PMR	13.43	329 eP	46	44.00	-0.3	
MIN	13.84	135 eP	46	49.80	-0.1	
ORV	14.53	136 eP	46	59.60	0.8	
SES	14.86	83 ePd	47	09.20	6.1X	
	1.0s	54.00nm		5.0mb		
SVW	15.57	319 eP	47	12.80	0.6	
COL	15.68	339 eP	47	15.00	1.4	
	0.8s	14.93nm		4.3mb		
FBA	15.68	339 eP	47	15.70	2.1	
	1.0s	21.20nm		4.3mb		
RSNT	15.85	35 eP	47	16.80	1.0	
YKC	15.89	35 eP	47	17.00	0.6	
	1.0s	24.00nm		4.3mb		
BMN	15.92	124 eP	47	18.20	1.2	
	0.6s	2.50nm		3.5mb X		
HPI	16.14	108 eP	47	20.00	0.0	
JAS1	16.35	137 eP	47	26.80	4.4X	
TTA	16.74	324 eP	47	27.00	-0.2	
EUR	17.27	124 iP	47	35.40	1.2	
	0.3s	13.08nm		4.5mb		
INK	17.48	1 ePc	47	38.00	1.6	
IMA	18.10	334 eP	47	46.70	2.4	
GMN	18.30	131 eP	47	48.00	0.9	
CWC	18.62	135 eP	47	52.00	1.1	
BDW	18.80	106 eP	47	53.90	0.7	
	1.0s	9.60nm		4.0mb		
ISA	19.10	137 eP	47	56.00	-0.6	
YMT3	19.12	131 eP	47	56.00	-0.9	
PRN	19.30	127 eP	48	00.00	0.7	
FFC	19.91	66 eP	48	05.00	-0.6	
	0.8s	6.00nm		4.0mb		
GSC	20.14	134 eP	48	08.00	-0.4	
MWC	20.50	138 eP	48	11.00	-1.2	
TPC	21.48	134 eP	48	22.00	-0.1	
PLM	21.76	137 eP	48	33.00	8.0X	
BRW	22.85	342 eP	48	37.00	1.7	
GOL	23.17	108 eP	48	40.00	0.9	
GLD	23.23	107 eP	48	41.00	1.4	
	1.0s	20.00nm		4.6mb		
RSON	25.50	74 P	49	00.80	-0.2	
	1.0s	9.00nm		4.4mb		
ALQ	25.76	117 eP	49	03.50	-0.4	
MBC	26.14	8 eP	49	09.00	2.2	
LTX	31.55	121 P	49	56.00	0.1	
	1.5s	8.57nm		4.4mb		
JCT	32.83	115 eP	50	05.50	-1.5	
	1.0s	17.50nm		4.9mb		
FVM	33.48	95 eP	50	10.50	-2.1	
SOD	61.21	8 iP	53	47.00	-1.0	
KJF	64.41	9 eP	54	08.00	-1.3	
NB2	65.08	18 P	54	12.50	-1.2	
	1.1s	7.60nm		4.8mb		
SUF	65.70	10 eP	54	18.00	0.4	
HFS	66.38	17 eP	54	21.10	-0.9	
	0.6s	1.70nm		4.4mb		
NUR	67.69	11 iP	54	29.00	-1.2	
FLN	73.19	30 eP	55	03.10	-0.6	
GRR	73.40	30 eP	55	04.80	-0.2	
LDF	73.46	30 eP	55	04.80	-0.5	
LPF	73.66	31 eP	55	06.50	0.1	
	0.8s	6.40nm		4.7mb		
BRG	75.12	20 iPd	55	15.00	0.1	
	0.8s	12.00nm		5.0mb		
		iPg	56	03.00		
		iSg	56	18.00		
GRC	75.59	28 iPc	55	18.00	0.4	
KSP	75.64	19 eP	55	17.80	-0.1	
CDF	75.78	25 eP	55	18.20	-0.6	
	0.8s	5.30nm		4.7mb		
LOR	75.85	28 eP	55	18.60	-0.5	
	0.9s	7.20nm		4.8mb		
HAU	75.90	26 eP	55	18.60	-0.8	
SSF	75.93	28 eP	55	19.40	-0.2	
	0.9s	7.20nm		4.8mb		
LSF	76.05	30 eP	55	19.60	-0.7	
PRU	76.08	20 eP	55	18.00	-2.4	
		Pg	56	06.30		
		Sg	56	23.90		
AVF	76.13	28 eP	55	20.00	-0.7	
	1.0s	12.00nm		4.9mb		
LBF	76.14	28 eP	55	20.20	-0.6	
BSF	76.18	26 eP	55	20.60	-0.5	
BGF	76.19	29 eP	55	20.40	-0.6	
	1.1s	17.00nm		5.0mb		
TCF	76.23	29 eP	55	20.80	-0.5	
	1.0s	8.00nm		4.8mb		
SMF	76.41	28 eP	55	21.50	-0.8	
	1.0s	6.80nm		4.7mb		
MZF	76.41	29 eP	55	21.70	-0.6	
KHC	76.68	21 iP	55	24.20	0.4	
		iPg	56	05.00		
		iSg	56	22.00		
RJF	76.89	30 eP	55	24.20	-0.8	
LFF	76.97	31 eP	55	25.20	-0.2	
KRA	77.09	17 eP	55	25.70	-0.3	
LPO	77.34	31 eP	55	27.00	-0.5	
EPF	78.53	32 eP	55	33.80	-0.3	
FRF	80.04	28 eP	55	42.20	0.0	
LRG	80.05	28 eP	55	42.40	0.2	
LMR	80.21	28 eP	55	42.90	-0.2	
	0.9s	7.80nm		4.7mb		
KRI	143.71	26 ePKP	03	05.00	-3.4X	
BUL	146.54	30 iPKPd	03	13.70	0.6	
	0.7s	7.19nm				
		ipP	03	24.10		
	S.D. = 0.9	on	78 of	82 obs.		
	DEC 15, 1985 12h 52m 42.96± 0.63s					
	50.245 N ± 6.0km	12.465 E ± 6.0km				
	DEPTH = 10.0km	(geophysicist)				
	GERMANY			(543)		
	ML 2.2 (GRF).					
MOX	0.67	307 ePg	52	55.50	-0.9	
		iSg	53	04.00		
GRF	0.98	236 ePg	53	02.20	0.7	
		eSg	53	15.10		
GR81	1.00	212 ePg	53	02.20	0.2	
		eSg	53	15.10		
CLL	1.12	18 iPg	53	04.20	0.3	
		iSg	53	19.50		
BRG	1.14	56 iPg	53	04.50	0.3	
		iSg	53	19.50		
KHC	1.33	147 iPg	53	06.60	-0.9	
		iSg	53	24.50		
PRU	1.36	100 ePg	53	08.20	0.3	
		Sg	53	25.40		

S.D. = 0.8 on 7 of 7 obs.

DEC 15, 1985 12h 55m 41.40± 0.64s
50.238 N ± 5.5km 12.443 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.1 (GRF).

HOF	0.37	282	iPgd	55 48.50	-0.5
MOX	0.67	308	ePg	55 54.50	-0.2
			iSg	56 03.00	
GRF	0.96	236	iPg	56 00.40	0.7
			eSg	56 14.20	
GRB1	0.99	211	iPg	56 00.40	0.2
			eSg	56 14.20	
WET	1.13	165	iPgd	56 02.00	-0.6
CLL	1.13	18	iPg	56 02.80	0.2
			iSg	56 18.10	
BRG	1.15	56	iPg	56 03.00	0.1
			iSg	56 18.00	

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

% DEC 15, 1985 14h 26m 06.95± 0.75s
39.235 N ± 5.7km 27.740 E ±10.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.92	204	iPg	26 25.30	0.8
			iSg	26 38.80	
EDC	1.11	5	iPn	26 28.10	0.3
KCT	1.12	25	iPn	26 28.30	0.4
EZN	1.24	299	iPn	26 29.70	-0.3
ISK	2.09	29	iPn	26 46.60	4.2X
YER	2.14	168	ePn	26 42.50	-0.7
GPA	2.24	61	ePn	26 50.20	5.5X
DMK	2.58	0	iPn	26 49.10	-0.4

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

DEC 15, 1985 15h 24m 10.14± 1.08s
32.894 S ± 6.8km 72.206 W ±11.7km
DEPTH = 33.0km (normal)
4.4mb (1 obs.)
OFF COAST OF CENTRAL CHILE (134)

ROCH	1.01	95	iPc	24 28.00	-0.2
LNV	1.25	148	iPd	24 29.90	-1.5
			iS	24 57.10	
PEL	1.30	101	iPc	24 33.00	0.8
			iS	24 51.80	
TACH	1.30	126	iPd	24 31.50	-0.7
			iS	24 50.50	
SAN	1.41	114	iP	24 33.60	-0.1
			i	24 54.80	
BACH	1.51	108	iPc	24 35.70	0.5
PCH	1.59	118	iPd	24 36.50	0.0
			iS	25 02.70	
CHCH	1.66	129	iPc	24 37.00	-0.4
FCH	1.66	106	iPd	24 38.00	0.3
RTCB	3.21	65	eP	25 06.90	7.4X
ZON	3.28	67	eP	25 05.00	4.6X
RTLL	3 53	65	eP	25 11.80	7.7X
RFA	3.63	122	ePc	25 05.80	0.3
VCA	5.38	41	ePd	25 31.20	0.8
			S	26 55.00	
SLA	10.04	38	e(P)	26 26.00	-9.3X
CNCB	16.46	14	P	28 04.00	3.2X
LPB	16.71	14	P	28 02.50	-1.3
			eLR	34 10.00	
ZOBO	16.96	14	eP	28 07.00	-0.1
SPA	57.28	180	eP	33 58.50	1.7
	0.9s		3.18nm		4.4mb

S.D. = 0.9 on 14 of 19 obs.

DEC 15, 1985 16h 19m 35.25± 1.16s
3.607 N ± 8.1km 126.587 E ±13.0km
DEPTH = 64.2 ± 12.1 km
TALAUD ISLANDS (263)

DAV	3.60	344	eP	20 30.00	0.1
AAI	7.42	167	eP	21 23.50	0.2
KNA	19.35	174	eP	23 57.00	-1.6
WB2	24.62	162	iPc	24 50.20	-0.9
			eS	29 07.00	
IPM	25.51	273	ePc	25 03.10	3.5X
PSI	27.64	269	eP	25 21.00	2.0
			e	29 27.50	
LOE	27.97	301	eP	25 21.00	-1.0
CTA	30.46	141	eP	25 48.00	3.8X
CHG	30.96	301	eP	25 49.00	0.2
MEK	31.03	194	eP	25 49.00	-0.2
LZH	38.54	330	eP	26 53.50	0.0
SHL	39.83	307	iP	27 04.10	-0.4
YOU	42.92	153	eP	27 30.60	1.2
CAN	44.06	153	eP	27 39.50	0.8
WAM	44.74	154	eP	27 44.50	0.4
PKI	45.92	306	eP	27 53.80	-0.2
KKN	46.12	306	eP	27 55.30	-0.1
HYB	49.02	290	eP	28 18.50	0.5
KOD	49.16	280	eP	28 19.00	-0.4
GBA	49.51	285	P	28 21.50	-0.2
SOD	90.53	338	eP	32 45.00	13.9X
KJF	90.64	334	eP	32 32.00	0.3
SUF	91.60	333	iP	32 35.60	-0.5

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

? DEC 15, 1985 16h 37m 37.42± 6.14s
33.576 S ±17.6km 72.614 W ±49.6km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNV	1.07	111	iPc	37 56.20	0.1
			iS	38 07.20	
TACH	1.40	94	iPd	38 00.10	-0.8
			iS	38 15.50	
ROCH	1.47	66	iPd	38 01.60	-0.5
			iS	38 16.70	
SAN	1.64	86	iPd	38 04.20	-0.1
			iS	38 21.50	
PEL	1.67	76	iPd	38 05.30	0.5
			iS	38 23.10	
CHCH	1.67	103	iPc	38 05.00	0.2
PCH	1.75	92	iPc	38 06.00	-0.1
			iS	38 25.90	
FCH	1.96	83	iPd	38 09.90	0.6
			iS	38 31.00	
RTCB	3.84	58	e(P)	38 43.90	8.2X
ZON	3.89	60	eP	38 45.00	8.6X
RTLL	4.16	59	e(P)	38 47.10	6.9X
VCA	6.13	39	ePc	39 08.20	0.0
			S	40 36.10	

S.D. = 0.5 on 9 of 12 obs.

DEC 15, 1985 17h 09m 08.17± 0.34s
2.610 N ± 5.4km 128.137 E ± 7.0km
DEPTH = 43.8km (4 depth phases)
4.7mb (2 obs.)
HALMAHERA (267)

AAI	6.25	179	ePd	10 44.00	3.6X
PCI	9.00	247	eP	11 18.60	0.0
			iS	12 20.00	
TZZ	15.23	121	eP	12 43.00	0.9
KNA	18.25	178	eP	13 21.00	1.0
PMG	22.40	122	eP	14 04.00	-0.4
WRA	23.23	165	Pd	14 12.70	0.2
	0.7s		39.90nm		5.0mb
WB2	23.23	165	iPd	14 12.80	0.3
			eS	18 28.50	
MBL	24.98	199	eP	14 30.00	0.6
ASPA	26.71	168	eP	14 45.00	-0.5
CTA	28.72	143	eP	15 07.00	3.3X
LOE	29.80	301	eP	15 15.00	1.5
MEK	30.49	197	eP	15 19.00	-0.5
WHN	30.70	336	eP	15 22.00	0.9
			pP	15 34.00	46km
CHTO	32.80	301	e(P)	15 40.00	0.2
	0.6s		4.21nm		4.5mb
MAT	35.02	14	(P)	15 58.00	-0.7
KLB	35.42	195	eP	16 01.00	-1.1
XAN	36.05	332	eP	16 06.70	-0.8
			pP	16 18.40	42km
MUN	36.22	197	eP	16 08.00	-0.9
CD2	36.37	323	P	16 13.50	3.2X
TIY	37.79	339	P	16 28.00	5.9X
BRS	38.12	143	iP	16 23.40	-1.6
ADE	38.67	166	eP	16 28.80	-0.7
BJI	38.81	345	eP	16 35.00	4.5X
LZH	40.18	329	eP	16 43.50	1.4
			pP	16 55.00	41km
SHL	41.67	307	eP	16 54.20	-0.3
MDJ	41.85	2	Pd	17 01.10	5.6X
CAN	42.49	154	eP	17 02.80	1.8
WAM	43.19	155	eP	17 07.10	0.5
GTA	44.78	329	Pd	17 19.00	-0.6
KKN	47.95	306	eP	17 45.40	0.4
HYB	50.82	290	eP	18 06.80	0.0
			e	18 19.50	46km
KOD	50.86	281	eP	18 07.20	-0.4
GBA	51.26	285	P	18 10.00	-0.2
WMQ	54.44	325	P	18 32.50	-1.0

S.D. = 0.9 on 28 of 34 obs.

? DEC 15, 1985 18h 01m 59.11± 9.64s
2.984 S ±94.0km 145.350 E ±43.8km
DEPTH = 33.0km (normal)
3.2mb (1 obs.)
ADMIRALTY ISLANDS REGION (199)

WEW	1.81	252	eP	02 28.00	-0.5
MDG	2.29	169	eP	02 35.00	-0.3
MDG	2.29	169	eP	03 02.00	26.7X
TZZ	4.70	241	eP	03 11.50	1.8
LMG	6.51	155	eP	03 36.00	0.7
PMG	6.63	164	eP	03 37.00	0.2
CTA	17.02	177	eP	06 02.00	5.6X
WB2	19.99	212	eP	06 30.20	-1.6
WRA	19.99	212	Pc	06 30.30	-1.6
	0.7s		0.90nm		3.2mb
ASPA	23.35	207	eP	07 07.00	1.3

S.D. = 1.5 on 8 of 10 obs.

• DEC 15, 1985 18h 45m 29.18± 2.12s
36.188 N ± 8.2km 71.039 E ±13.1km
DEPTH = 119.2 ± 22.0 km
4.5mb (5 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

KSH	5.09	49	P	46 47.20	2.6
NDI	9.12	143	eP	47 38.50	-0.7
			eS	49 14.50	
DMN	14.68	122	iP	48 51.10	-1.2
KKN	14.69	121	iP	48 50.70	-1.7
WMQ	14.85	54	eP	48 52.00	-2.3
PKI	14.91	121	iP	48 54.90	-0.5
HYB	19.85	158	eP	49 54.20	1.2
	1.0s		30.00nm		4.6mb
SHL	20.75	115	eP	50 03.50	1.3
GTA	22.92	73	eP	50 24.60	1.1
GBA	23.21	164	P	50 29.00	2.7
			S	54 51.00	
NUR	38.10	325	iP	52 25.00	-12.5X
NUR	38.10	325	eP	52 38.00	0.5
SUF	38.20	328	iP	52 38.90	0.5
	0.7s		3.60nm		4.3mb
SOD	40.03	335	eP	52 53.00	-0.5
NB2	44.65	323	P	53 30.00	-1.2
	0.4s		1.50nm		4.1mb
BNG	57.57	250	iPd	55 07.40	-1.4
	0.5s		4.00nm		4.7mb
MTD	64.55	222	iPc	55 55.40	-0.4
KRI	65.68	224	eP	56 03.50	0.4
MBC	67.65	3	eP	56 14.00	-0.6
BUL	68.91	223	iP	56 23.50	0.2
	0.6s		4.00nm		4.4mb
YKA	81.56	3	eP	57 34.90	0.7
YKC	81.58	3	eP	57 34.50	0.2
WB2	81.81	122	eP	57 35.30	-1.0

S.D. = 1.4 on 22 of 23 obs

• DEC 15, 1985 18h 55m 13.19± 0.75s
50.206 N ± 6.8km 12.439 E ± 6.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.69	310	ePg	55 27.00	0.2
			eSg	55 36.00	
GRFO	0.94	237	eP	55 31.00	-0.2
CLL	1.16	18	iPg	55 34.80	-0.1
			eSg	55 50.00	
BRG	1.17	55	iPg	55 35.00	0.0
			iSg	55 50.00	
KHC	1.31	145	ePg	55 37.50	0.1
			Sg	55 55.00	

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

DEC 15, 1985 19h 35m 26.17± 0.91s
34.872 N ± 9.9km 136.637 E ± 8.4km
DEPTH = 33.0km (normal)
SOUTHERN HONSHU, JAPAN (232)
Felt (I JMA) at Kyoto, Hikone, Gifu, Nagoyo and Noro. Also felt

15d 19h

at Tsu.

TSU	0.20	210	eP	35	33.00	0.3
			iS	35	39.00	
NAG	0.40	43	P	35	35.60	0.3
			iS	35	43.00	
HIK	0.51	321	iPd	35	37.30	0.3
			iS	35	45.70	
GIF	0.54	11	eP	35	37.00	-0.3
			iS	35	45.50	
KYO	0.75	281	iPc	35	40.90	0.6
			iS	35	51.10	
TYK	1.62	294	eP	36	04.00	11.2X
			eS	36	21.00	
MAT	2.10	37	iPc	35	59.40	-0.3
			eS	36	26.00	
SHK	3.28	265	eP	36	15.50	-0.9

S.D. = 0.7 on 7 of 8 obs.

• DEC 15, 1985 20h 05m 11.40± 2.98s
15.710 N ±10.5km 60.395 W ±29.1km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)

SFG	0.94	305	iP	05	33.21	4.9X
MDN	1.05	248	iPd	05	29.69	-0.1
			S	05	42.50	
BBL	1.06	260	eP	05	30.00	0.0
CRM	1.08	208	iPd	05	31.31	1.1
FDF	1.21	217	iPd	05	31.57	-0.6
			S	05	47.80	
MVM	1.25	203	iPc	05	32.87	0.3
			S	05	50.10	
SEG	1.27	303	iPc	05	34.59	1.7
			S	05	52.70	
PAG	1.28	285	eP	05	32.85	-0.3
			S	05	49.80	
BIM	1.35	209	iPc	05	33.35	-0.8
BPA	1.93	314	iPc	05	41.34	-1.3
			S	06	04.40	

S.D. = 1.1 on 9 of 10 obs.

• DEC 15, 1985 20h 05m 34.39± 2.00s
44.877 N ± 7.7km 10.115 E ±20.7km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)

LPG	2.46	286	Pn	06	16.20	0.8
	0.3s		4.00nm			
CVF	2.48	202	Pn	06	15.50	0.0
			Sn	06	44.40	
CDR	3.35	250	eP	06	27.60	-0.2
			e	06	28.10	
			i	07	06.80	
			i	07	08.10	
CDF	4.04	332	Pn	06	37.70	0.0
	0.3s		3.00nm			
			Sn	07	22.80	
HAU	4.07	322	Pn	06	38.20	0.2
	0.3s		12.00nm			
			Sn	07	23.70	
LBF	4.77	298	Pn	06	47.80	-0.3
	0.2s		2.00nm			
			Sn	07	38.90	
LOR	4.97	301	Pn	06	50.30	-0.5
	0.2s		2.00nm			
			Sn	07	44.10	

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

• DEC 15, 1985 20h 23m 53.52± 1.90s
13.584 S ± 9.2km 167.346 E ± 9.5km
DEPTH = 216.3 ± 16.6 km
4.8mb (8 obs.)
VANUATU ISLANDS (186)

DZM	8	48	186 iPc	25	53.90	-0.2
			iS	27	33.30	
NDU	8.72	185	iPc	25	57.50	0.5
			iS	27	36.00	
ALC4	16.92	279	eP	27	40.00	0.7
BRS	19.34	222	iPd	28	04.20	-0.4
PMG	20.21	280	eP	28	14.00	0.6
[illegible]	21.19	249	iPd	28	22.50	-0.2
	0.8s		29.10nm		4.9mb	
			iS	32	05.00	
RMQ	21.64	231	iPd	28	28.60	1.2
	1.1s		466.00nm		5.9mb X	

COO	22.12	218	iPc	28	33.80	1.8
YOU	26.83	217	eP	29	16.00	0.1
CAN	27.24	214	eP	29	21.00	1.4
MNG	27.86	167	P	29	24.00	-1.1
WAM	27.96	213	eP	29	26.40	0.4
STK	29.80	228	iPc	29	41.90	-0.5
	0.6s		17.00nm		4.9mb	
WB2	32.18	254	eP	30	01.00	-2.2
WRA	32.19	254	Pc	30	01.30	-2.0
	0.8s		8.80nm		4.4mb	
KNA	37.35	262	eP	30	46.50	-0.6
W8N	40.16	246	iPd	31	09.70	-0.5
MBL	45.83	254	eP	31	55.00	-0.9
NAU	49.89	252	eP	32	26.00	-1.2
MAT	56.93	332	iPc	33	17.00	-1.4
	1.0s		20.00nm		4.8mb	
NJ2	64.91	315	Pc	34	11.60	-0.4
MDJ	67.31	332	eP	34	26.00	-1.0
CN2	68.71	329	Pc	34	35.80	0.2
PSI	69.74	278	ePd	34	42.40	0.0
			e	35	55.00	
BJI	71.43	321	eP	34	52.50	0.4
TIY	72.47	317	P	34	59.20	0.8
XAN	72.98	312	Pc	35	01.60	0.2
KMI	73.77	301	eP	35	07.50	1.1
CHG	74.68	294	eP	35	12.00	0.6
CD2	75.38	307	P	35	16.30	1.1
SPA	76.50	180	iPc	35	21.20	0.2
	0.7s		11.72nm		4.7mb	
GTA	81.93	314	Pc	35	50.40	-0.1
CDL	85.24	18	eP	36	06.00	-0.5
PKI	89.22	298	eP	36	26.90	0.1
	0.8s		11.00nm		4.8mb	
KKN	89.39	299	eP	36	27.70	0.3
	0.7s		10.00nm		4.9mb	
DMN	89.49	298	eP	36	28.50	0.5
	0.7s		19.00nm		5.1mb	
SUF	123.80	340	iPKP	42	26.30	-0.3
	0.6s		7.40nm			
NUR	125.84	338	iPKP	42	31.10	0.5
	0.5s		15.40nm			
MTD	126.90	237	iPKP	42	34.00	-0.1
BUL	127.36	231	iPKPd	42	34.90	-0.1
	0.9s		4.62nm			
KRI	128.46	235	iPKPd	42	36.50	-0.6
NAI	128.81	257	iPKPd	42	40.00	2.0
	1.0s		20.00nm			
NB2	129.54	345	PKP	42	38.10	0.4
	0.7s		2.80nm			
HFS	129.65	343	ePKP	42	37.90	0.0
	0.8s		3.10nm			
CLL	137.04	336	ePKP	42	52.00	-0.2
PRU	137.44	334	ePKP	42	53.00	0.0
KHC	138.50	334	ePKP	42	55.50	0.4
CDF	141.55	339	ePKP	42	55.50	-5.1X
BSF	142.21	339	ePKP	42	57.60	-4.2X
HAU	142.22	339	ePKP	42	57.80	-3.9X
FLN	143.51	346	ePKP	43	01.30	-2.5
LDF	143.58	346	ePKP	43	01.50	-2.5
LOR	143.69	341	ePKP	43	02.20	-2.0
LBF	143.90	341	ePKP	43	03.10	-1.5
GRC	143.91	342	iPKPc	43	03.30	-1.2
GRR	143.94	347	ePKP	43	03.30	-1.3
SOB1	143.96	127	ePKP	43	03.50	-2.2
			e	43	06.20	
			e	43	08.60	
			e	43	32.40	
SSF	143.98	341	iPKPc	43	03.10	-1.6
LPG	144.19	336	iPKPc	43	05.20	-0.3
SMF	144.24	340	iPKPc	43	04.30	-0.9
AVF	144.27	341	iPKPc	43	04.40	-0.8
LPF	144.32	347	iPKPc	43	04.80	-0.4
BGF	144.64	341	iPKPc	43	06.10	0.2
MZF	145.03	341	iPKPc	43	07.30	0.8
TCF	145.07	342	iPKPc	43	07.20	0.6
LSF	145.31	343	iPKPc	43	07.80	0.8
MFF	145.44	345	iPKPc	43	08.40	1.2
CVF	145.64	331	iPKPc	43	08.70	1.0
FRF	145.83	335	iPKPc	43	09.50	1.5
LRG	146.04	338	iPKPc	43	10.20	1.9
LMR	146.08	335	iPKPc	43	10.10	1.8
CDR	146.10	336	iPKPc	43	10.30	1.9
ITR	146.13	130	ePKP	43	09.50	0.2
			i	43	11.10	
RJF	146.17	342	iPKPc	43	10.70	2.2
CAF	146.34	341	iPKPc	43	11.30	2.5
LFF	146.74	343	ePKP	43	12.30	3.0X

LPO	146.83	342	iPKPc	43	12.60	3.1X
BNG	147.91	256	iPKPd	43	12.20	0.0
	0.2s		148.00nm			
			i	43	15.80	
			i	44	09.90	
MLS	148.42	341	iPKPc	43	16.40	4.3X
TOL	152.73	345	ePKP	43	39.00	20.3X
KIC	169.41	228	ePKP	43	36.00	-0.5

S.D. = 1.2 on 74 of 81 obs.

DEC 15, 1985 21h 27m 26.56± 0.74s
37.160 N ± 7.6km 140.079 E ± 7.8km
DEPTH = 34.8 ± 9.1 km
4.7mb (5 obs.)
HONSHU, JAPAN (227)
Felt (II JMA) at Utsunomiyo and Shirakawo.

UTS	0.64	195	eP	27	37.00	-2.1
			iS	27	46.30	
FKS	0.67	28	eP	27	38.00	-1.6
			S	27	46.50	
ONA	0.70	108	Pd	27	41.00	1.1
			S	27	52.10	
MIT	0.84	158	Pd	27	42.80	0.8
			S	27	55.20	
SEN	1.28	30	Pc	27	48.70	0.4
			S	28	05.60	
NGN	1.59	252	eP	27	54.00	1.2
			S	28	15.30	
MAT	1.62	248	iPd	27	52.60	-0.7
			eS	28	16.00	
WAJ	2.55	276	eP	28	12.00	5.6X
			eS	28	40.00	
SHK	6.56	249	eP	29	04.50	1.3
KKN	46.61	275	eP	35	53.60	0.1
	0.6s		4.00nm		4.6mb	
INK	54.76	27	eP	36	56.00	1.4
MBC	56.71	16	eP	37	08.00	-0.6
WB2	57.05	186	eP	37	11.00	-0.5
WRA	57.05	186	Pd	37	10.90	-0.7
	0.7s		5.30nm		4.7mb	
KJF	65.93	334	iP	38	10.00	-0.8
	0.7s		16.00nm		5.2mb	
SUF	67.39	333	iP	38	19.20	-0.9
	0.7s		6.20nm		4.8mb	
NB2	73.65	337	P	38	57.10	-1.0
	0.8s		4.40nm		4.5mb	
BRG	80.40	329	e(P)	39	39.00	3.3X
PRU	80.81	328	eP	39	40.00	2.1
KHC	81.87	328	eP	39	44.00	0.4

S.D. = 1.3 on 18 of 20 obs.

• DEC 15, 1985 22h 02m 10.20± 0.74s
39.508 N ± 6.2km 142.082 E ±15.1km
DEPTH = 83.1 ± 5.6 km
4.3mb (5 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (II JMA) at Otunato and Miyako and (I JMA) at Morioka. Also felt at Hachinohe and Ishinomaki.

MIY	0.16	327	iP	02	22.10	0.0
			iS	02	29.70	
OFU	0.53	212	eP	02	25.00	0.4
			iS	02	34.70	
MRK	0.73	285	eP	02	27.00	0.4
			iS	02	38.80	
HAC	1.10	337	P	02	30.50	-0.4
			S	03	44.20	
ISN	1.24	210	eP	02	33.00	0.4
			S	02	49.30	
TSK	3.64	206	iPc	03	04.00	-1.4
MAT	4.26	227	iPc	03	15.80	1.6
			eS	03	40.00	
SRY	4.49	211	eP	03	16.50	-0.7
KYS	4.57	200	eP	03	18.20	-0.1
OYM	4.66	210	eP	03	19.40	-0.3
KKN	48.00	274	eP	10	43.80	0.9
	0.6s		16.00nm		5.1mb	
INK	51.95	28	eP	11	12.00	-0.2
WB2	59.58	188	eP	12	06.90	-0.5
WRA	59.58	188	Pc	12	06.60	-0.8
	0.6s		1.60nm		4.3mb	
SOD	62.90	337	eP	12	28.00	-1.3
SUF	66.02	333	iP	12	48.60	-0.9

0.5s 1.80nm 4.3mb
HFS 72.05 330 eP 13 26.40 -0.3
0.4s 1.50nm 4.2mb
NB2 72.11 337 P 13 26.60 -0.5
0.4s 0.40nm 3.7mb
ZOBO 144.94 57 ePKP 21 42.00 1.7
LPB 145.15 58 ePKPc 21 45.00 4.6X
CNCB 145.43 58 PKP 21 43.00 1.9
S.D. = 1.0 on 20 of 21 obs.

DEC 16, 1985 00h 02m 38.56± 0.59s
50.240 N ± 5.3km 12.461 E ± 5.2km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.0 (GRF).

HOF 0.38 281 iPgd 02 46.00 -0.4
MOX 0.68 307 ePg 02 51.50 -0.5
iSg 03 01.00
GRF 0.97 236 iPg 02 57.80 0.8
eSg 03 09.90
GRB1 1.00 212 iPg 02 57.80 0.3
eSg 03 09.90
CLL 1.13 18 iPg 03 00.00 0.4
iSg 03 15.20
WET 1.13 166 iPgd 02 59.40 -0.3
BRG 1.14 56 iPg 03 15.20 15.3X
iSg 03 15.50
KHC 1.33 146 iPn 03 02.50 -0.6
Pg 03 04.90
iSg 03 20.00
PRU 1.36 100 Pg 03 03.90 0.3
eSg 03 20.50
S.D. = 0.6 on 8 of 9 obs.

• DEC 16, 1985 00h 06m 16.08± 0.65s
28.080 N ±10.8km 140.612 E ±13.0km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
BONIN ISLANDS REGION (212)

MAT 8.68 347 eP 08 22.00 -0.3
(S) 10 24.00
WB2 48.12 188 eP 14 54.50 -0.4
PKI 48.46 283 eP 14 58.00 0.1
KKN 48.51 283 eP 14 58.60 0.4
1.0s 14.00nm 4.9mb
COL 57.15 29 eP 16 02.00 0.4
INK 62.72 25 eP 16 39.00 -0.7
YKA 71.94 28 eP 17 42.20 4.4X
LRM 81.10 43 eP 18 30.40 0.6
FUR 82.08 49 iP 18 35.00 0.0
1.0s 2.12nm 4.1mb
S.D = 0.5 on 8 of 9 obs.

DEC 16, 1985 00h 12m 30.83± 0.51s
50.245 N ± 4.7km 12.448 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.3 (GRF).

HOF 0.37 281 iPgd 12 38.20 -0.3
MOX 0.67 307 ePg 12 43.50 -0.6
iSg 12 52.50
GRF 0.97 236 iPg 12 50.00 0.8
eSg 13 03.80
GRB1 1.00 211 iPg 12 50.00 0.3
eSg 13 03.80
CLL 1.12 18 iPg 12 52.40 0.5
iSg 13 07.70
WET 1.14 166 iPgd 12 51.70 -0.4
BRG 1.14 56 iPg 12 52.00 -0.2
iSg 13 07.50
KHC 1.34 146 iPn 12 55.00 -0.5
Pg 12 57.50
Sg 13 12.90
PRU 1.37 100 Pg 12 56.40 0.4
Sg 13 13.50
S.D. = 0.6 on 9 of 9 obs.

DEC 16, 1985 01h 25m 50.31± 0.65s
44.605 N ± 4.9km 111.076 W ± 8.9km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 2.7 (NEIS).

IMW 0.71 172 iPc 26 03.80 -0.8
CCMT 1.32 284 iPd 26 15.90 0.6
LCCM 1.36 336 eP 26 15.70 -0.3
TMI 1.43 205 eP 26 16.60 -0.7
SXM 1.55 357 ePn 26 18.50 -0.3
LRM 1.56 322 ePnd 26 18.80 -0.2
HPI 1.71 239 eP 26 21.50 0.3
BUT 1.76 324 ePg 26 23.20 1.4X
eSn 26 44.70
BDW 2.13 149 eP 26 28.50 1.3
HRY 2.17 346 ePn 26 27.70 0.0
S.D. = 0.7 on 9 of 10 obs.

? DEC 16, 1985 02h 22m 27.57± 3.09s
18.224 N ±32.2km 103.107 W ±22.7km
DEPTH = 33.0km (normal)
4.2mb (1 obs.)
NEAR COAST OF MICHOACAN, MEXICO (56)
Felt slightly at Mexico City.

PIM 1.17 87 iP 22 46.00 -1.6
iS 22 59.10
OXM 3.41 71 eP 23 21.00 0.9
III 3.46 87 iP 23 22.50 1.8
iS 24 07.20
UNM 3.88 73 eP 23 32.00 5.4X
TAC 3.89 72 eP 23 33.00 6.2X
TPM 3.91 78 eP 23 27.00 0.0
VHO 6.15 98 iP 23 58.00 -0.8
JCT 12.57 13 eP 25 36.10 9.2X
1.1s 9.49nm 4.8mb X
TUL 18.77 19 eP 26 45.50 -0.9
0.7s 13.00nm 4.2mb
INK 53.61 346 eP 31 48.00 0.5
S.D. = 1.5 on 7 of 10 obs.

DEC 16, 1985 02h 35m 00.12± 0.50s
50.240 N ± 4.7km 12.452 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.5 (FUR), 2.4 (GRF).

HOF 0.38 282 iPgd 35 07.40 -0.5
MOX 0.67 308 ePg 35 13.00 -0.5
iSg 35 22.00
GRF 0.97 236 iPg 35 19.30 0.8
eSg 35 33.50
GRB1 0.99 212 iPg 35 19.30 0.3
eSg 35 33.50
CLL 1.13 18 iPg 35 21.60 0.4
iSg 35 37.00
WET 1.13 166 iPgd 35 21.00 -0.3
BRG 1.14 56 iPg 35 21.50 0.0
iSg 35 36.50
KHC 1.33 146 iPn 35 24.00 -0.7
Pg 35 26.20
Sg 35 41.50
PRU 1.37 100 Pg 35 25.60 0.4
Sg 35 42.60
FUR 2.21 201 iPgc 35 43.50 6.0X
S.D. = 0.6 on 9 of 10 obs.

DEC 16, 1985 02h 38m 34.18± 0.65s
50.255 N ± 6.8km 12.443 E ± 6.3km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.0 (GRF).

MOX 0.66 307 ePg 38 47.00 -0.3
eSg 38 56.00
GRF 0.97 235 ePg 38 53.00 0.4
eSg 39 07.30
GRB1 1.00 211 ePg 38 53.00 -0.2
eSg 39 07.30
CLL 1.11 18 iPg 38 55.30 0.2
eSg 39 11.00
BRG 1.14 57 iPg 38 55.50 0.0
iSg 39 10.00
PRU 1.38 100 Pg 38 59.30 -0.1
Sg 39 16.00
S.D. = 0.3 on 6 of 6 obs.

DEC 16, 1985 02h 40m 10.52± 0.70s
50.237 N ± 6.3km 12.499 E ± 7.1km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 1.9 (GRF).

MOX 0.70 306 ePg 40 23.50 -0.8
eSg 40 32.50
GRF 0.99 237 ePg 40 29.90 0.6
eSg 40 40.80
GRB1 1.01 213 ePg 40 29.90 0.3
eSg 40 40.80
CLL 1.12 16 iPg 40 31.70 0.2
eSg 40 47.00
BRG 1.12 55 iPg 40 32.00 0.5
iSg 40 46.50
KHC 1.31 147 ePn 40 34.00 -0.8
ePg 40 36.90
Sg 40 52.00
S.D. = 0.8 on 6 of 6 obs.

DEC 16, 1985 02h 44m 36.07± 0.38s
11.725 N ± 2.9km 85.838 W ± 2.7km
DEPTH = 22.1 ± 3.0 km
5.9mb (81 obs.) 6.0Msz (23 obs.)
NICARAGUA (75)
MS 6.1 (BRK), 5.9 (PAS). Six people injured by landslides and damage (VI) in the Rivas-Masaya area. Felt strongly along the Pacific coast of Nicaragua. Felt (IV) at Los Chiles, Liberia and Upala; (III) at Tilaran and Puntarenas; and (II) at Atenas and San Jose, Costa Rica. Felt (II) at San Salvador, El Salvador.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 60 Dip=88 Slip= 2
NP2: 330 88 178
Principal Axes:
T Plg= 3 Azm=285
P 0 15
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 29 No. of sta: 9
Moment Tensor; Scale 10**25 d-cm
Mrr= 0.45 Mtt=-3.52
Mff= 3.07 Mrt=-0.26
Mrf= 0.43 Mtf= 1.56
Principal axes:
T Val= 3.47 Plg= 7 Azm=282
N 0.43 82 136
P -3.90 5 13
Best Double Couple:Mo=3.7*10**25
NP1:Strike= 58 Dip=82 Slip= 2
NP2: 328 88 172
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 34C
Centroid Location:
Origin Time 02:44:38.6 0.3
Lat 11.65N 0.03 Lon 85.58W 0.03
Dep 10.0 BDY Half-duration 4.4
Moment Tensor; Scale 10**25 D-CM
Mrr=-0.16 0.03 Mtt=-1.38 0.03
Mff= 1.53 0.04 Mrt=-0.04 0.10
Mrf= 0.04 0.10 Mtf= 0.69 0.03
Principal Axes:
T Val= 1.69 Plg= 1 Azm=283
N. -0.16 88 165
P -1.54 2 13
Best Double Couple:Mo=1.6*10**25
NP1:Strike= 58 Dip=88 Slip= -1
NP2: 148 89 -178

AR6 1.57 144 iPnc 45 03.00 0.1
JUD 1.58 170 P 45 03.50 0.4
EPA 2.11 145 P 45 10.40 -0.4
CAO 2.14 160 P 45 11.30 0.2
POA 2.23 134 P 45 12.20 -0.4
PTCR 2.37 144 P 45 14.00 -0.5
SJS 2.49 135 iPnc 45 15.80 -0.5
S 45 44.20
IRZ2 2.58 132 P 45 17.20 -0.6
ICR 2.63 131 iPc 45 17.40 -1.0
QPS 2.85 144 P 45 20.50 -0.7
CDM 2.97 136 P 45 22.70 -0.5
BUS 2.97 136 iPc 45 22.40 -0.9

16d 02h

JCR		3.26	125	iPd	45	08.80	-18.3X	LPB		33.11	148	Pc	51	17.00	3.7X	FFC		44.75	347	eP	52	49.00	-0.5
SSS		3.81	301	iPd	45	36.40	1.5			1.0s		60.00nm		5.5mb				1.7s		342.00nm		6.0mb	
				eS	46	20.70			Z	19s		22.22um		5.9Msz		NEW		44.80	331	P	52	49.80	-0.3
ACR		4.03	139	ePn	45	38.00	0.1					S	56	34.00			Z	20s		15.00um		5.9Msz	
MRL		5.01	312	ePd	45	53.00	1.0					LR	00	36.00		COR		45.83	323	eP	52	58.00	-0.2
IXG		5.12	299	eP	45	53.20	-0.3	CNCB		33.40	148	P	51	18.00	2.0	ZON		46.06	160	eP	53	02.00	1.7
SLP		5.27	305	ePc	45	56.00	0.4	SKLY		33.64	15	P	51	19.50	2.4	BAO		46.29	125	iPc	53	00.80	-1.5
REC		5.30	301	ePd	45	57.00	0.8	GLA		33.99	313	eP	51	20.00	-0.5					e	53	03.40	
TER		5.37	299	eP	45	56.20	-0.8	RSNY		34.12	14	P	51	22.00	0.6	ROCH		46.64	163	iPd	53	05.20	0.2
GCG		5.38	302	ePd	45	58.00	0.7		Z	20s		15.82um		5.7Msz		PNT		46.73	330	eP	53	05.00	-0.3
FGO		5.57	300	ePc	46	02.00	2.0	OTT		34.65	13	ePd	51	27.00	1.1			1.4s		162.00nm		5.8mb	
VLG		5.62	297	ePd	46	00.90	0.3			0.8s		74.00nm		5.7mb		EDM		46.87	338	ePd	53	04.70	-1.7
ITG		5.65	301	eP	46	02.70	1.5	CCH		34.86	146	eP	51	28.00	-0.3	PEL		46.90	163	iPc	53	07.00	0.2
JAT		6.21	295	eP	46	17.20	8.4X	BAR		35.14	311	eP	51	30.00	-0.3	BACH		47.15	162	eP	53	09.50	0.6
UPA		6.77	113	iPc	46	14.90	-1.8	MNT		35.24	15	iPd	51	32.60	1.7	FCH		47.19	162	ePd	53	10.20	0.7
		0.8s		164.18nm			6.1mb			1.6s		620.00nm		6.3mb		SAN		47.20	163	eP	53	10.00	0.8
				pP	46	21.70		TPC		35.41	314	eP	51	33.00	0.3	TACH		47.30	163	eP	53	10.00	0.0
				iS	47	36.90		MSU		35.53	323	P	51	33.80	0.0	PCH		47.40	163	eP	53	11.20	0.4
KKG		6.85	299	eP	46	18.20	0.3	PLM		35.61	312	eP	51	34.00	-0.5	LNV		47.46	164	iP	53	11.00	-0.1
GCM		8.66	29	eP	46	44.35	1.3	RVR		36.30	313	eP	51	36.00	-4.1X					i	53	13.40	
				eS	51	09.00		MIM		36.36	20	P	51	42.20	1.8	RFA		49.09	161	ePc	53	24.20	0.3
STH		10.77	53	iPd	47	12.12	0.0	GSC		36.58	315	eP	51	43.00	0.5	ITR		51.35	111	eP	53	40.20	-1.2
CHN		12.14	123	iP	47	31.00	0.1	ATB		36.60	112	Pd	51	41.60	-1.2					e	53	51.20	
GIE		13.15	200	iPc+	47	48.00	3.8X	LHC		36.69	356	ePd	51	43.00	-0.1					e	54	13.60	
				iS	50	28.60				1.9s		680.00nm		6.2mb		CAI		51.72	108	eP	53	34.10	-10.2X
				LR	51	03.20		MWC		36.91	313	eP	51	45.00	-0.4	ITA		52.67	130	eP	53	49.80	-1.9
BMG		13.41	109	eP	47	47.00	-0.8	PAS		36.95	312	eP	51	40.00	-5.6X					e	53	53.00	
PSO		13.45	140	eP	47	49.00	0.4					epP	52	12.00	143kmX	FRB		53.30	9	iPd	53	54.20	-1.6
FUO		13.48	116	iP	47	50.00	1.1					esP	52	42.00		RDJ		54.09	130	eP	54	09.20	7.6X
BOG		13.62	120	iP	47	52.50	1.7					ePP	53	20.00		VBA		54.33	157	ePc	54	03.30	0.1
				iS	50	32.00						ePcS	57	30.00		YKC		54.68	344	ePd	54	04.50	-1.0
OUR		13.87	148	P	47	55.00	0.8					eS	58	14.00				1.1s		50.00nm		5.5mb	
LGN		14.39	95	iP	48	00.00	-0.6					iLg	00	33.00		RSNT		54.71	344	eP	54	05.00	-0.7
UAV		14.79	101	eP	48	11.60	5.6X					eLR	03	08.00				0.8s		28.17nm		5.3mb	
UNM		14.91	302	iP	48	10.20	2.5	BDW		37.18	331	eP	51	46.00	-1.6	YKA		54.73	344	eP	54	04.70	-1.2
SDV		15.22	99	iPd	48	12.50	0.8			1.0s		16.00nm		4.8mb X		RKT		59.26	234	eP	54	38.00	-0.6
		0.6s		55.50nm			5.0mb	HNME		37.52	20	eP	51	52.60	2.5			1.2s		55.00nm		5.6mb	
CAR		18.60	92	eP	48	50.00	-4.2X			1.0s		3.50nm		4.1mb X		INK		04.37	342	eP	55	09.00	-3.2X
CAR		18.60	92	iPd	48	50.20	-4.0X	ISA		37.92	314	eP	51	55.00	1.2			1.2s		53.00nm		5.6mb	
		1.0s		112.00nm			5.0mb	CWC		38.05	316	eP	51	56.00	1.0	RUV		06.55	248	eP	55	31.00	4.0X
SJG		20.05	69	iPc	49	11.70	0.9	ANT		38.31	157	eP	52	00.50	3.5X			1.2s		75.00nm		5.7mb	
CUM		21.30	91	e(P)	49	24.30	0.7	EUR		38.43	321	iP	51	57.50	-0.7	TPT		66.69	248	eP	55	32.00	4.1X
HBF		21.70	13	P	49	30.70	3.2X			1.0s		16.35nm		4.8mb X				1.2s		95.00nm		5.8mb	
PRM		22.48	8	P	49	36.90	1.6	SYP		38.45	312	eP	51	57.00	-1.3	VAH		66.79	248	eP	55	32.00	3.5X
JCT		22.72	327	eP	49	37.50	-0.2	TPZ		38.45	149	P	52	00.00	1.4			1.2s		90.00nm		5.8mb	
		1.1s		208.86nm			5.6mb	MNA		39.19	318	ePd	52	05.00	0.5	PMO		06.95	248	eP	55	33.00	3.4X
	Z	18s		25.43um			5.7Msz					e	52	15.20				1.2s		80.00nm		5.7mb	
PWLA		23.24	355	P	49	44.00	1.3					i	52	38.10		MBC		66.95	352	eP	55	27.00	-1.7
RSCP		23.77	1	eP	49	51.00	3.1X	FRI		39.46	315	ePd	52	05.20	-1.3			0.7s		59.00nm		5.8mb	
		1.5s		919.04nm			6.1mb	RSON		39.55	352	eP	52	06.30	-0.8	COL		67.73	336	eP	55	32.00	-1.7
BPA		23.81	74	eP	49	50.00	1.5			1.5s		356.35nm		5.9mb			Z	18s		8.93um		6.0Msz	
PAG		23.83	77	eP	49	50.50	1.8	PRI		39.71	314	eP	52	07.90	-0.8	FBA		67.73	336	P	55	31.70	-2.0
BBL		23.97	78	eP	50	00.00	10.0X	BMN		39.77	322	eP	52	09.20	0.0			1.6s		73.77nm		5.6mb	
TRN		23.99	90	eP	49	54.00	3.8X			2.0s		392.86nm		5.8mb		REY		68.27	25	iP	55	37.00	-0.1
BHO		24.01	341	iPd	49	51.70	1.5	LLA		40.13	314	eP	52	10.90	-1.2	AKU		70.28	24	iP	55	50.20	0.8
LTX		24.14	319	eP	49	51.60	-0.1	JAS1		40.43	316	eP	52	13.80	-0.7			1.4s		213.95nm		6.1mb	
OLY		24.22	349	P	49	53.10	0.9					e	53	08.00		ALE		71.45	3	ePd	55	54.50	-1.8
GFM		24.55	8	P	49	58.40	2.7					ePcP	54	15.00				0.9s		37.00nm		5.5mb	
POW		24.80	350	P	49	58.50	0.7	LRM		40.83	331	eP	52	17.20	-0.8	VAL		71.98	39	iP	56	00.20	0.3
TUL		25.71	341	iPd	50	06.40	0.0	MHC		40.97	315	eP	52	18.60	-0.5					S	05	22.00	
		1.5s		817.50nm			6.1mb					i	52	55.80		MTH		72.37	53	eP	56	02.00	-0.6
	Z	19s		17.50um			5.6Msz	GCC		41.07	314	eP	52	19.80	0.0	LIS		72.41	53	iPd	56	03.50	0.8
RLO		25.71	343	eP	50	06.50	0.0	SLA		41.31	151	ePd	52	22.80	0.7	PTO		72.80	50	iPd	56	03.50	-1.5
HUA		25.81	156	iPd	50	10.20	2.1	PCC		41.57	314	eP	52	21.60	-2.2	MTE		73.62	51	iPc	56	10.00	0.1
				eS	54	40.00		BKS		41.64	315	eP	52	24.50	0.0	PRL		73.79	52	iPc	56	11.40	0.5
BLA		25.84	10	P	50	11.00	3.3X			1.1s		28.00nm		4.9mb		AVE		74.04	59	iPd	56	13.50	1.1
		1.5s		923.08nm			6.2mb		Z	20s		21.00um		6.0Msz						i	56	31.50	
OCO		25.93	338	eP	50	08.80	0.2		N	20s		7.00um											
OZO		26.12	334	eP	50	07.30	-3.0X		E	20s		18.00um				EAB		75.62	35	ePd	56	20.00	-1.0
		2.0s		593.10nm			5.9mb					i	52	34.50				1.4s		148.00nm		5.8mb	
RRO		26.21	336	eP	50	11.50	0.3					i	53	06.00		IFR		75.93	58	iPd	56	24.00	0.5
FVM		26.47	352	eP	50	13.60	0.1					e	53	28.00		ELO		75.97	35	iPd	56	22.10	-0.9
		1.0s		60.00nm			5.2mb					eS	58	48.00		EBH		76.08	35	ePd	56	22.80	-0.8
P106		27.08	159	iPd	50	03.30	-15.9X					eScS	02	04.00				1.3s		185.00nm		6.0mb	
				pS	54	28.00						eLQ	02	14.00		MAL		76.26	55	iP	56	26.50	1.5
NA2		27.27	14	P	50	22.80	2.1					eLR	05	08.00						iS	06	12.00	
ACD		27.61	336	ePd	50	22.80	-1.1	BRK		41.66	315	e(P)	52	25.00	0.4	ESK		76.26	36	eP	56	24.08	-0.6
		1.4s		385.70nm			5.9mb	ORV		41.99	318	ePd	52	26.90	-0.4			1.0s		200.00nm		6.1mb	
ALQ		29.75	324	eP	50	42.40	-1.1	MIN		42.47	319	ePd	52	30.10	-1.3	EDI		76.27	35	ePd	56	23.40	-1.2
		1.0s		47.50nm			5.3mb	L8FM		43.19	320	P	52	36.30	-1.1			1.3s		124.00nm		5.8mb	
	Z	22s		12.22um			5.5Msz	WDC		43.20	318	eP	52	33.70	-3.5X	EKA		76.29	36	Pd	56	23.80	-1.0
ARE		31.40	153	eP	50	59.00	0.8					e	53	06.00				1.8s		602.90nm		6.3mb	
GLD		32.77	332	eP	51	10.00	0.1	VCA		43.69	157	ePc	52	43.00	1.6	TOL		76.32	52	iPd	56	26.00	0.7
GOL		32.80	332	eP	51	09.90	-0.3	FHC		44.26	318	eP	52	45.30	-0.5			1.8s		6.00nm		4.3mb X	
		1.2s		32.79nm			5.1mb					e	52	55.50						i	56	29.00	
ZOBO		32.87	147	Pc	51	10.80	-0.7					e	53	17.40						ePP	59	22.00	
		2.5s		336.13nm			5.8mb	CYA		44.39	154	ePd	52	47.00	0.0					iS	06	12.00	
																EDU		76.36	34	iPd	56	24.60	-0.5

ESY 76.59 35 iPd 56 25.90 -0.6
1.0s 140.00nm 6.0mb
CRT 76.87 54 iPd 56 30.20 1.7
LGR 77.30 49 iPd 56 32.00 1.3
ePP 59 31.00
LPF 77.92 43 eP 56 33.40 -0.6
1.2s 202.30nm 6.0mb
GRR 78.02 43 eP 56 34.20 -0.3
TAF 78.05 57 iPc 56 35.70 0.6
i 56 48.00
FLN 78.24 42 eP 56 35.40 -0.3
1.3s 197.80nm 6.0mb
LDF 78.49 43 eP 56 36.80 -0.3
1.3s 190.60nm 6.0mb
MFF 78.64 45 eP 56 37.60 -0.4
1.3s 216.60nm 6.0mb
ALI 79.21 53 iP- 56 42.00 0.8
EPF 79.33 48 iPc 56 41.80 -0.1
LFF 79.42 46 iPc 56 41.90 -0.3
1.5s 338.40nm 6.1mb
EBR 79.69 50 eP 56 45.00 1.2
e 07 33.00
LPO 79.76 46 eP 56 43.80 -0.3
1.4s 256.10nm 6.1mb
LSF 79.83 45 eP 56 43.70 -0.8
MLS 79.88 48 iPd 56 44.90 0.1
RJF 79.92 46 eP 56 44.50 -0.5
1.5s 292.50nm 6.1mb
KIC 80.05 86 eP 56 44.60 -1.6
KBS 80.07 11 eP 56 46.30 1.2
TCF 80.29 45 eP 56 46.30 -0.7
CAF 80.35 46 eP 56 46.90 -0.4
MZF 80.56 45 iPc 56 47.80 -0.6
BGF 80.70 44 iPc 56 48.60 -0.5
GRC 80.76 44 iPd 56 49.10 -0.2
i 56 54.00
AVF 81.01 44 eP 56 49.50 -1.2
1.5s 130.50nm 5.7mb
SSF 81.08 44 eP 56 50.30 -0.8
1.5s 161.90nm 5.8mb
SNF 81.14 40 P 56 52.30 1.1
UCC 81.15 40 P 56 51.00 -0.3
HSP 81.21 13 eP 56 52.00 0.8
LOR 81.29 44 eP 56 51.40 -0.8
SMF 81.37 44 eP 56 51.40 -1.2
1.6s 136.80nm 5.7mb
DOU 81.39 41 P 56 52.30 -0.3
0.8s 43.30nm 5.5mb
Z 20s 8.70um 6.1Msz
S 07 06.00
ADK 81.40 321 P 57 03.40 10.8X
1.0s 80.00nm
LBF 81.41 44 eP 56 51.60 -1.3
1.5s 101.30nm 5.6mb
DBN 81.48 39 iP- 56 53.00 0.1
Z 20s 6.50um 6.0Msz
iPP 00 10.00
iS 07 04.00
eSS 12 06.00
ENN 82.13 40 ePd 56 56.00 -0.4
i 57 27.00
MEM 82.21 40 P 56 57.20 0.4
WIT 82.27 38 eP 56 58.00 0.9
WLF 82.45 41 P 56 57.80 -0.3
WTS 82.49 39 ePd 56 58.50 0.3
1.0s 92.00nm 5.8mb
ePP 00 16.00
VITF 82.57 42 iPd 56 58.80 0.1
KONO 82.71 31 eP 57 16.00 16.7X
HAU 82.85 43 eP 56 59.60 -0.7
1.4s 113.20nm 5.8mb
BNS 82.89 40 eP 57 00.70 0.4
1.8s 225.00nm 6.0mb
MUD 83.08 34 iPc 57 02.10 0.9
1.4s 180.00nm 6.0mb
CDR 83.16 47 ePc 57 01.60 -0.4
e 57 06.10
e 57 29.40
BSF 83.17 43 eP 57 01.20 -0.9
1.4s 174.20nm 6.0mb
NB2 83.23 29 P 57 02.20 0.2
1.3s 126.50nm 5.9mb
ROF 83.27 43 iPd 57 02.00 -0.4
CDF 83.39 42 eP 57 02.40 -0.7
1.5s 114.90nm 5.8mb
MOF 83.39 43 iPd 57 02.60 -0.6
NRA0 83.45 29 eP 57 04.00 1.0

GWF 83.52 41 iPd 57 03.40 -0.3
LPG 83.55 45 eP 57 04.30 0.0
1.7s 147.00nm 5.9mb
LRG 83.63 47 iPc 57 04.10 -0.2
1.4s 81.90nm 5.7mb
LMR 83.75 47 eP 57 04.50 -0.5
1.4s 95.80nm 5.8mb
FRF 83.81 47 iPc 57 05.00 -0.3
1.7s 205.80nm 6.1mb
STU 84.57 41 ePd 57 08.50 -0.5
1.5s 166.67nm 6.0mb
Z 20s 13.48um 6.3Msz
HFS 84.63 30 eP 57 08.20 -0.8
0.7s 8.40nm 5.1mb
Z 18s 4.52um 5.9Msz
LR 27 20.00
COP 85.03 34 eP 57 11.00 -0.1
Z 18s 4.71um 5.9Msz
iS 07 42.00
CVF 85.60 48 eP 57 13.60 -0.7
1.4s 116.70nm 5.9mb
GRF 85.68 40 iPd 57 16.90 2.4
1.5s 151.00nm 6.0mb
MOX 85.71 39 iPd 57 15.00 0.4
1.5s 124.00nm 5.9mb
Z 18s 11.40um 6.3Msz
N 18s 4.10um
E 18s 7.50um
eSKS 07 40.00
eSS 13 25.00
eLQ 20 00.00
eLR 21 35.00
GRB1 86.02 40 iPd 57 16.90 0.7
1.5s 151.00nm 6.0mb
Z 20s 13.00um 6.3Msz
FUR 86.06 42 eP 57 16.50 0.1
Z 18s 10.00um 6.3Msz
GAP 86.07 42 eP 57 17.60 1.0
OGA 86.18 43 iPd 57 17.60 0.3
1.6s 113.00nm 5.8mb
CLL 86.41 38 iP 57 17.80 -0.2
1.8s 160.00nm 5.9mb
Z 18s 7.50um 6.1Msz
e(S) 07 25.00
UPP 86.61 29 iP 57 18.40 -0.4
iS 07 58.80
KEV 86.74 19 eP 57 17.00 -2.3
ePP 00 40.00
eS 07 58.00
eSS 13 32.00
WET 86.86 41 eP 57 20.30 -0.1
1.7s 230.00nm 6.1mb
FIR 87.04 46 eP 57 20.00 -1.3
BRG 87.09 39 iPd 57 21.00 -0.4
2.0s 200.00nm 6.0mb
Z 18s 9.00um 6.2Msz
N 18s 5.00um
E 18s 7.00um
i 57 39.50
eSKS 07 48.00
iS 08 08.00
BHG 87.21 42 eP 57 22.20 0.1
1.7s 148.00nm 6.0mb
KHC 87.31 40 iP 57 22.20 -0.3
1.5s 116.00nm 5.9mb
Z 20s 7.60um 6.1Msz
N 20s 3.30um
E 20s 5.40um
e 57 52.00
e 59 03.00
S 08 06.00
SOD 87.63 21 iP 57 23.20 -0.5
ePP 00 55.00
KBA 87.68 42 iPd 57 24.30 -0.2
1.6s 202.00nm 6.2mb
i 57 28.80
i 57 45.80
i 00 55.10
PRU 87.69 39 Pd 57 24.80 0.5
1.6s 42.50nm 5.5mb
Z 17s 11.80um 6.4MszX
N 17s 1.00um
E 17s 8.60um
S 07 56.00
TRI 88.31 44 eP 57 27.90 0.6
eScS 07 53.00
iS 08 10.00

eSS 14 12.00
eSSS 17 34.00
e 29 40.00
VOY 88.31 43 eP 57 27.00 -0.5
KSP 88.53 38 iPc 57 29.00 0.7
LJU 88.74 43 iPd 57 29.80 0.4
e 58 36.00
eS 08 16.00
VKA 89.29 41 eP 57 31.00 -1.0
2.0s 194.00nm 6.0mb
Z 20s 6.70um 6.1Msz
i 57 36.20
KJF 89.41 24 eP 57 30.00 -2.2
ePP 01 04.00
eSKS 08 06.00
eS 08 32.00
SUF 89.42 25 iP 57 32.00 -0.3
0.7s 4.20nm 4.8mb X
SOP 89.61 41 e(P)d 57 34.00 0.5
NUR 89.67 28 iP 57 33.00 -0.5
0.7s 20.00nm 5.5mb
ePP 01 05.00
eSKS 08 12.00
ZST 89.81 41 eP 57 34.60 0.2
i 57 38.60
SRO 90.70 41 eP 57 38.90 0.4
N 20s 6.60um
E 20s 7.00um
SRO 90.70 41 eP 57 44.50 6.0X
KRA 90.99 38 eP 57 39.00 -0.8
1.5s 74.00nm 5.8mb
Z 20s 15.30um 6.4Msz
N 20s 3.80um
E 20s 9.80um
e 57 45.30
e 57 58.40
eS 08 40.00
BUD 91.26 41 eP 57 41.10 0.0
SPC 91.47 39 eP 57 44.50 2.2
BEO 93.08 43 eP 57 47.00 -2.5
ePP 01 32.00
eSKS 08 16.00
SPA 101.65 180 ePdif 58 35.00 6.9X
0.8s 3.33nm 5.0mb
Z 20s 2.03um 5.6Msz
LWI 114.57 87 e(PKP)03 19.30 1.7
BUL 116.75 107 ePKP 03 20.00 -1.4
KRI 117.47 103 ePKP 03 25.00 2.1
MTD 119.34 103 ePKP 03 28.10 1.7
WMQ 124.41 6 PKP 03 36.00 0.6
GTA 128.86 354 PKP 03 44.00 -0.1
CTA 129.38 254 iPKPc 03 45.00 -0.5
1.4s 32.56nm
NJ2 130.47 332 ePKP 03 48.50 1.3
XAN 132.37 343 ePKP 03 50.00 -0.8
WB2 140.56 253 ePKP 03 59.00 -7.5X
WRA 140.57 253 PKPc 03 59.20 -7.3X
0.6s 3.00nm
KMI 142.43 347 ePKP 04 07.00 -3.0X
N 25s 7.90um
SS 30 24.00
SHL 142.87 3 ePKP 04 06.70 -3.9X
DAV 143.59 299 ePKP 04 08.00 -3.9X
POO 143.87 34 ePKP 04 09.00 -3.3X
AAI 145.38 281 ePKP 04 14.10 -0.9
0.5s 5.00nm
KNA 146.17 259 ePKP 04 16.70 0.5
WBN 146.27 240 ePKP 04 16.00 -0.2
HYB 147.19 28 ePKP 04 15.50 -2.3
KLG 148.41 229 ePKP 04 22.70 3.3X
CHG 149.29 351 ePKPd 04 23.00 1.9
1.4s 31.40nm
GBA 149.86 34 PKP 04 23.50 1.5
GBA 149.86 34 PKPc 04 27.30 5.3X
0.4s 3.30nm
NWAO 150.12 221 ePKP 04 25.50 3.5X
0.7s 25.00nm
Z 20s 4.50um 6.3Msz
KLB 150.59 224 ePKP 04 26.00 3.3X
BDT 150.82 350 ePKP 04 28.70 5.3X
MUN 151.39 222 iPKPc 04 28.80 4.9X
KOD 152.59 38 ePKP 04 28.00 1.5
MEK 152.69 234 ePKP 04 34.00 8.0X
PSI 164.91 341 ePKP 04 45.00 4.7X
e 09 43.00
PPI 167.21 331 ePKP 04 40.00 -2.1
e 07 10.00

16d 03h

S.D. = 1.0 on 259 of 302 obs.

DEC 16, 1985 02h 49m 29.65± 0.69s
50.232 N ± 7.2km 12.487 E ± 5.6km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.0 (GRF).

MOX	0.69	307	ePg	49	43.00	-0.4
			iSg	49	52.00	
GRF	0.98	237	ePg	49	48.70	0.4
			e(Sg)	50	01.00	
GRB1	1.00	213	ePg	49	48.70	0.1
			e(Sg)	50	01.00	
BRG	1.13	55	iPg	49	51.00	0.2
			iSg	50	06.00	
KHC	1.31	147	iPn	49	53.30	-0.6
			Pg	49	55.40	
			Sg	50	11.00	
PRU	1.34	100	Pg	49	54.70	0.3
			Sg	50	12.60	

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

DEC 16, 1985 02h 56m 32.75± 0.73s
44.629 N ± 5.5km 111.101 W ± 9.8km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 3.1 (NEIS).

IMW	0.74	171	iPc	56	47.20	-0.4
CCMT	1.29	283	iPd	56	58.10	0.8
TMI	1.45	204	eP	56	59.40	-0.5
SXM	1.52	357	ePn	57	01.10	0.2
LRM	1.53	322	iPnd	57	01.60	0.6
HPI	1.70	238	eP	57	04.00	0.4
BUT	1.73	324	ePn	57	04.50	0.7
			eSn	57	28.50	
HRY	2.14	346	iPnd	57	09.50	-0.3
BDW	2.16	148	eP	57	10.70	0.6
NEW	5.52	313	eP	57	55.50	-2.2

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

DEC 16, 1985 03h 17m 09.05± 0.87s
51.567 N ± 7.4km 7.318 E ± 6.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.6 (BNS).

WTS	0.53	324	iPgd	17	18.90	-0.9
	0.8s		12.00nm			
			e	18	32.00	
BNS	0.61	189	iPc	17	21.00	-0.4
			eSg	17	33.20	
PLH	0.64	209	iP	17	21.80	-0.1
			iS	17	39.40	
JCK	0.77	227	iPd	17	24.40	0.4
			iS	17	41.10	
GSH	1.02	216	iPd	17	29.10	0.7
			iS	17	47.20	
ENN	1.19	228	iPnd	17	32.10	0.9
			iSg	17	53.00	
MEM	1.27	221	Pn	17	33.20	0.7
BGG	1.36	179	iPn	17	32.80	-1.2
			eSg	17	53.10	
TNS	1.52	152	ePn	17	34.80	-1.6
			eSn	17	54.80	
WLF	2.04	202	Pn	17	42.00	-1.8
			Pg	17	47.40	
			Lg	18	15.10	
DOU	2.27	231	Pn	17	48.10	1.0
			iPP	17	54.30	
			Lg	18	22.80	
			iSg	18	28.40	
MOX	2.86	107	e(Pn)	17	57.00	1.4
			eSg	18	32.00	
KHC	4.69	119	P	18	22.50	0.9
			e	19	31.00	

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

? DEC 16, 1985 04h 14m 05.84± 3.57s
35.809 N ±30.3km 21.042 E ± 9.9km
DEPTH = 33.0km (normal).
4.1mb (2 obs.)
MEDITERRANEAN SEA (408)
ML 3.7 (ATH).

VLS	2.39	351	ePn	14	44.00	0.5
			eSn	14	58.00	
ATH	3.04	44	ePn	14	53.20	0.5
			eSn	15	28.80	
LIT	4.43	15	eP	15	13.00	0.4
KZN	4.53	7	iPnd	15	14.80	0.9
PAIG	4.61	26	ePn	15	15.10	0.1
OUR	5.08	26	eP	15	21.50	-0.1
KNT	5.54	15	iPc	15	28.10	0.0
SRS	5.66	20	iPc	15	29.10	-0.8
MLR	10.36	20	eP	15	35.00	-1.3
CEY	11.11	335	ePn	15	48.90	0.5
			eSn	15	50.70	
VOY	11.55	334	eP	16	00.70	-1.7
			eS	16	07.00	
KHC	14.40	340	P	17	30.00	0.9
				17	48.00	
HFS	24.80	351	eP	19	25.80	-0.1
	0.6s		3.50nm		4.2mb	
NBZ	29.02	349	P	19	49.70	0.3
	0.9s		4.50nm		4.1mb	

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

• DEC 16, 1985 04h 32m 37.78± 2.17s
50.651 N ±20.7km 7.625 E ±11.1km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

TNS	0.73	126	ePn	[illegible]		0.0
			eSn	[illegible]		
MEM	0.97	268	Pg	[illegible]		0.2
			Sg	32	39.90	
WLF	1.32	222	Pb	32	39.80	-4.4X
			iPg	32	40.40	
			Sg	32	56.10	
DOU	1.96	255	Pg	32	52.90	-0.4
			Sg	33	16.20	
CDF	2.25	184	Pn	32	56.00	-1.7
	0.3s		14.00nm			
			Sg	33	20.60	
HAU	2.76	197	Pn	33	05.70	0.8
	0.3s		7.00nm			
BSF	2.86	190	Pn	33	07.30	0.9
	0.3s		5.00nm			

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

• DEC 16, 1985 06h 04m 7.46± 1.07s
[illegible] ±13.0km 165. [illegible] E ±19.4km
DEPTH = 33.0km (normal)
4.9mb (5 obs.)
VANUATU ISLANDS (186)

VSU	7.72	304	eP	08	19.00	-1.5
BZK	8.33	178	iPc	06	48.10	-0.9
			iS	08	25.00	
CTA	20.08	249	iPd	09	21.90	0.7
	1.2s		13.20nm		4.1mb	
COL	85.70	16	iP	[illegible]		-0.6
	0.8s		10.70		5.1mb	
PKI	88.25	299	eP	[illegible]		0.5
	0.7s		4.00nm		4.7mb	
MKAR	88.40	299	ePn	17	9.00	0.6
	0.7s		4.00nm		4.8mb	
DMR	88.55	299	eP	17	20.00	1.1
	0.7s		11.00nm		5.3mb	

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

• DEC 16, 1985 06h 08m 30s
[illegible] N [illegible] W
DEPTH = 5.0km (geophysicist)
4.5mb (7 obs.)
OFF COAST OF NORTHERN CALIFORNIA(34)
<BMK> ML 4.2 [illegible]

FHC	2.64	87	iPd	[illegible]		-3.1
			eS	[illegible]		
WDC	3.75	90	iPd	[illegible]		-2.3
			iS	[illegible]		
BAR	3.78	104	eP	[illegible]		-3.0
[illegible]			eP	[illegible]		-3.6
[illegible]			[illegible]	[illegible]		-3.6
[illegible]	4.45	93	ePc	[illegible]		-3.4
			i	[illegible]		
			eS	[illegible]		
ORV	4.71	102	eP	07	5.70	-3.0
2SN	4.88	123	ePc	07	7.90	-3.2
BKS	4.92	123	ePd	07	8.20	-3.5
BKS	4.94	123	iPd	[illegible]		-3.2
			e	08	56.80	
COR	4.95	37	iPd	07	41.00	-1.0
PCC	5.08	127	iPd	07	40.20	-3.7
			e	08	34.10	
			iS	08	36.50	
GCC	5.62	129	eP	07	47.50	-4.1
MHC	5.64	125	eP	07	47.90	-4.9
ARN	5.70	124	eP	07	48.70	-4.8
JAS1	6.12	115	eP	07	57.80	-4.8
SAO	6.13	128	eP	07	54.20	-4.5
PRS	6.47	130	eP	07	59.00	-4.5
LLA	6.53	127	ePd	08	00.20	-4.2
BFW	6.56	27	eP	08	02.80	-2.0
SHW	6.68	33	eP	08	05.80	-0.8
PRI	7.01	128	eP	08	07.50	-3.7
FRI	7.09	119	ePc	08	09.10	-3.2
LON	7.30	32	eP	08	14.20	-1.7
GMW	7.63	25	eP	08	18.00	-1.8
EUR	8.89	94	eP	08	35.00	-2.6
PNT	10.25	30	eP	08	55.00	-1.0
NEW	10.57	41	eP	09	00.00	-0.5
LRM	12.08	60	eP	09	20.60	-0.7
BDW	13.53	75	eP	09	41.50	0.9
EDM	15.76	33	ePc	10	12.70	3.2
ALQ	17.55	102	eP	10	35.00	2.6
	0.9s		4.20nm			3.6mb
FFC	21.99	42	iPd	11	21.10	-0.7
	1.3s		27.00nm			4.5mb
ACO	22.41	91	eP	11	26.10	-0.1
	1.2s		21.60nm			4.5mb
LTX	22.47	113	eP	11	29.00	2.1
QZO	22.93	96	eP	11	29.40	-1.9
YKA	23.15	15	eP	11	37.10	3.9
YKC	23.17	15	eP	11	38.00	4.7
	1.0s		15.00nm			4.5mb
JCT	24.61	106	eP	11	48.00	0.4
	0.9s		12.60nm			4.6mb
TUL	25.23	91	eP	11	54.30	0.8
	1.3s		30.20nm			4.8mb
RLO	25.72	90	eP	12	00.00	1.8
INK	27.86	355	eP	12	16.00	-1.4
MBC	35.82	3	eP	13	28.00	0.9
SOD	70.47	10	eP	17	58.00	15.8
NB2	73.17	20	P	17	58.80	0.3
	0.8s		2.30nm			4.3mb
KHC	84.18	25	P	19	02.00	3.3

46 obs. ossocioted

DEC 16, 1985 07h 08m 22.97± 0.46s
38.815 N ± 4.9km 25.824 E ± 3.4km
DEPTH = 8.9 ± 2.4 km
3.8mb (1 obs.)
AEGEAN SEA (365)
ML 3.6 (ATH).

PRK	0.55	39	iPgc	08	34.50	0.3
KZN	1.08	21	iPg	08	43.40	0.0
			iSg	08	54.90	
IZM	1.20	110	iPn	08	46.40	0.9
ATH	1.86	244	ePb	08	55.20	0.0
			eSg	09	23.90	
PAIG	2.00	304	eP	08	56.50	-0.8
OUR	2.08	317	iPc	08	57.90	-0.5
EDC	2.20	45	iPn	09	00.10	0.0
KCT	2.43	53	iPn	09	02.90	-0.5
YER	2.57	130	ePn	09	05.20	-0.3
SGH	2.76	317	iPc	09	07.90	-0.4
			eS	09	19.70	
KDZ	2.85	353	iPc	09	09.00	-0.4
			iS	09	55.00	
LIT	2.88	297	ePc	09	09.40	-0.5
MMB	3.20	331	iPc	09	12.00	-2.4
			iS	10	59.00	
PLM	3.23	357	ePg	09	15.00	0.2
			eSg	10	06.00	
KNT	3.25	317	ePc	09	14.80	-0.3
DMK	3.35	26	iPn	09	15.20	-1.3
ISK	3.35	47	ePn	09	15.90	-0.7
PLD	3.40	346	eP	09	17.00	-0.2
KEN	3.47	297	ePn	09	18.10	-0.2
VAY	3.54	316	iPn	09	20.00	0.9
			i	09	30.80	
JMB	3.69	9	eP	09	18.00	-3.4X
OPA	3.77	66	ePn	09	23.00	0.5
ELL	3.84	121	ePn	09	29.90	6.3X
BCK	3.99	108	ePn	09	24.00	-1.7
VLS	4.16	263	ePn	09	28.50	0.5

VTS	4.27	333	iP	09	30.00	0.4
			iSg	10	39.00	
PVL	4.36	354	iPc	09	32.00	1.2
			iS	10	43.00	
OHR	4.49	302	ePn	09	32.70	-0.1
SKO	4.60	315	iPn	09	34.00	-0.3
			i	10	50.50	
PSN	5.18	19	eP	09	43.00	0.6
NB2	24.04	342	P	13	40.90	2.0
	0.8s		2.20nm			3.8mb
	S.D. = 0.9		on 29 of 31 obs.			

DEC 16, 1985 07h 23m 28.93± 0.65s
50.231 N ± 6.3km 12.436 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.3 (GRF).

MOX	0.67	309	ePg	23	42.00	-0.2
			eSg	23	51.00	
GRF	0.95	236	iPg	23	47.20	0.1
			eSg	23	59.70	
			eLg	24	02.00	
CLL	1.14	18	iPg	23	50.50	0.3
			iSg	24	06.00	
BRG	1.16	56	iPg	23	50.50	-0.1
			iSg	24	05.50	
KHC	1.33	146	ePn	23	53.50	0.0
			Pg	23	55.10	
			Sg	24	10.40	
PRU	1.38	99	ePg	23	54.00	-0.2
			eSg	24	11.00	
			i	24	12.00	
	S.D. = 0.2		on 6 of 6 obs.			

* DEC 16, 1985 07h 24m 43.80± 0.74s
50.226 N ± 7.2km 12.460 E ± 7.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 1.9 (GRF).

MOX	0.68	308	ePg	24	57.00	-0 4
			eSg	25	06.50	
GRF	0.96	237	ePg	25	02.40	0.3
			eSg	25	14.60	
			eLg	25	17.10	
CLL	1.14	17	iPg	25	05.40	0 3
			iSg	25	20.80	
BRG	1.15	55	iPg	25	13.60	8.3X
			iSg	25	30.10	
KHC	1.31	146	Pg	25	08.00	-0.1
			Sg	25	25.50	
PRU	1.36	99	Pg	25	08.70	-0 1
			Sg	25	26.10	
			i	25	27.20	
	S.D. = 0.4		on 5 of 6 obs.			

DEC 16, 1985 07h 29m 59.14± 0.66s
50.221 N ± 6.3km 12.448 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 1.8 (GRF).

MOX	0.68	309	ePg	30	12.50	-0.2
			eSg	30	21.50	
GRF	0.95	237	ePg	30	17.40	0.1
			eSg	30	29.60	
			eLg	30	32.00	
CLL	1.15	18	iPg	30	20.80	0.2
			eSg	30	36.00	
BRG	1.16	55	iPg	30	20.50	-0.3
			eSg	30	35.70	
KHC	1.32	146	ePg	30	23.30	-0.2
			Sg	30	40.40	
PRU	1.37	99	ePg	30	24.50	0.3
			eSg	30	42.00	
	S.D. = 0.3		on 8 of 6 obs.			

DEC 16, 1985 07h 36m 22.57± 0.43s
38.834 N ± 4.3km 25.774 E ± 3.0km
DEPTH = 6.9 ± 2.1 km
3.8mb (1 obs.)
AEGEAN SEA (365)
ML 3.5 (ATH).

PRK	0.57	43	iPgc	36	34.50	0.6
EZN	1.00	23	iPg	36	42.90	-0.2
			iSg	36	54.90	
IZM	1.24	110	iPn	36	45.80	-0.2
ATH	1.83	243	ePn	36	55.00	0.3
			ePg	36	58.50	
			eSg	37	24.20	
PAIG	1.98	305	iPd	36	55.90	-0.6
			eS	36	59.90	
EDC	2.21	46	iPn	36	59.60	-0.6
KCT	2.45	54	iPn	37	02.70	-0.9
YER	2.61	130	ePn	37	05.20	-0.7
KDZ	2.82	354	iPc	37	08.80	-0.9
			iS	37	54.00	
SRS	2.83	324	eP	37	08.60	-0.5
LIT	2.84	297	ePc	37	08.90	-0.3
MMB	3.17	331	iPg	37	13.00	-0.8
			iS	38	01.00	
KNT	3.21	317	ePc	37	14.40	0.0
			eS	37	31.70	
DIM	3.21	357	ePg	37	15.00	0.6
			eSg	38	06.00	
DMK	3.35	26	iPn	37	15.20	-1.2
GRG	3.35	310	ePd	37	16.60	0.1
ISK	3.37	48	ePn	37	17.00	0.4
PLD	3.37	346	eP	37	17.00	0.4
			Sg	38	16.00	
KZN	3.43	297	ePn	37	17.60	0.0
VAY	3.49	316	iPn	37	18.30	-0.1
JMB	3.68	9	eP	37	22.00	0.9
GPA	3.79	66	ePn	37	24.30	1.5
ELL	3.88	121	iPn	37	28.40	4.3X
BCK	4.04	108	ePn	37	20.00	-6.2X
VTS	4.24	333	iP	37	29.00	0.0
			iSg	38	38.00	
PVL	4.33	354	iPd	37	30.00	-0.3
			iS	38	46.00	
OHR	4.45	302	ePn	37	35.30	3.2X
SKO	4.56	315	iPn	37	33.30	-0.2
			i	38	52.00	
PSN	5.17	20	eP	37	30.00	-12.2X
VRI	7.07	5	ePc	38	08.50	-0.4
NB2	24.01	343	P	41	38.40	-0.2
	0.8s		2.30nm			3.8mb
	S.D. = 0.6		on 27 of 31 obs.			

DEC 16, 1985 07h 39m 02.82± 0.69s
44.610 N ± 5.6km 111.067 W ±10.8km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 2.7 (NEIS).

IMW	0.72	173	iPc	39	16.70	-0.5
CCMT	1.32	284	eP	39	28.80	0.9
LCCM	1.35	335	eP	39	28.10	-0.4
TMI	1.44	206	eP	39	29.00	-0.9
SXM	1.54	356	ePn	39	31.00	-0.2
LRM	1.56	322	ePn	39	31.60	0.1
BUT	1.76	324	ePg	39	36.20	1.9X
			eSn	39	57.50	
BDW	2.13	149	eP	39	41.00	1.2
HRY	2.17	346	ePn	39	39.90	-0.3
	S.D. = 0.9		on 8 of 9 obs.			

DEC 16, 1985 08h 03m 09.94± 0.25s
14.153 S ± 5.6km 166.194 E ± 6.1km
DEPTH = 33.0km (normal)
5.6mb (10 obs.) 6.5Msz (3 obs.)
VANUATU ISLANDS (186)

PVC	4.11	151	iPc	04	14.00	2.0
HNR	7.71	307	e(P)	04	59.00	-3.7X
			eS	05	00.00	
DZM	7.88	178	iPc	05	03.00	-2.2
SVO	7.98	308	eP	05	07.00	0.4
VSG	8.00	307	eP	05	07.00	0.1
			eS	06	04.00	
NOU	8.12	178	iPc	05	07.00	-1.4
NDF	11.40	110	eP	06	00.00	6.4X
RAB	17.01	304	eP	07	08.00	1.0
			iS	12	26.00	
BRS	18.17	221	iPd	07	24.90	3.4X
PMG	19.22	282	eP-	07	35.00	0.8
CTA	19.94	250	iPc	07	43.00	0.0
	1.0s		45.00nm			4.7mb
			i	08	40.00	
			iS	12	01.00	
RMO	20.42	230	eP	07	49.00	1.9
			e	08	46.00	
			e	13	38.00	
COO	20.99	216	eP	07	54.00	1.0
			e	08	53.00	
CRZ	21.03	165	P	07	57.00	3.8X
MDG	21.96	292	eP	07	47.00	-15.8X
MDG	21.96	292	eP	08	06.50	3.7X
RIV	23.87	212	e(P)	08	23.00	1.7
WEW	24.63	293	e(P)	08	42.00	13.1X
KRP	25.09	162	P	08	34.00	1.0
			pP	08	43.90	36kmX
TZZ	26.12	287	eP	08	45.50	2.5
CAN	28.15	213	eP	08	51.90	8.8X
			iPP	09	50.40	
			e	15	32.40	
ISO	26.22	252	e(P)	08	42.00	-1.8
GNZ	26.54	159	P	08	53.00	6.4X
WAM	26.88	212	eP	08	44.80	-4.9X
			ePP	09	59.90	
			e	15	28.80	
TCW	27.86	167	eP	09	03.00	4.4X
STK	28.60	228	eP	09	05.00	-0.3
TOO	29.71	215	eP	09	22.00	6.6X
			e	10	15.00	
MSZ	30.45	178	e(P)	09	22.00	0.3
WB2	30.95	255	eP	09	25.00	-1.4
WB2	30.95	255	eP	09	36.80	10.4X
WRA	30.96	255	P	09	26.00	-0.5
	0.5s		3.30nm			4.4mb X
ASPA	31.92	248	eP	09	35.00	0.1
GUMO	34.72	322	e(P)	09	56.00	-3.2X
WBN	38.91	246	eP	10	23.70	-10.8X
WBN	38.91	246	eP	10	36.00	1.5
			e	11	32.00	
MBL	44.60	254	eP	11	22.00	0.9
MEK	46.11	247	eP	11	33.00	-0.1
	0.5s		31.00nm			5.5mb
KLB	47.48	240	eP	11	43.00	-0.8
NWAO	48.16	238	eP	11	47.00	-2.1
MRWA	48.64	243	eP	11	52.50	-0.4
NAU	48.65	252	eP	11	53.00	0.0
MUN	48.84	240	eP	11	54.00	-0.4
	1.1s		75.00nm			5.8mb
			e	12	50.00	
MAT	56.92	333	eP	12	53.00	-1.3
	0.9s		24.37nm			5.2mb
SHK	57.95	327	eP	13	01.40	-0.2
SBA	63.71	180	iP	13	41.20	1.1
	1.8s		190.91nm			5.9mb
BJI	71.17	322	eP	14	25.50	-1.9
SPA	75.94	180	iPd	14	55.10	0.0
	1.0s		36.00nm			5.3mb
Z	20s		28.38um			6.6Msz
SVW	80.91	18	eP	15	22.80	0.7
TTA	82.26	16	eP	15	29.50	0.3
PME	83.37	20	eP	15	35.00	0.2
	0.9s		41.70nm			5.6mb
TOA	84.66	20	eP	15	42.30	0.9
SYP	85.07	53	eP	15	52.00	7.9X
			e	16	41.00	
YAH	85.09	23	eP	15	44.20	0.4
IMA	85.37	15	e(P)	15	45.20	0.3
	0.8s		40.20nm			5.7mb
ORV	85.77	48	eP	15	47.60	0.3
JAS1	85.95	49	e(P)	15	46.00	-2.3
MIN	85.99	47	ePc	15	48.20	-0.4
COL	86.12	18	iP	15	47.60	-0.9
	0.8s		57.84nm			5.9mb
			e	16	01.00	
FBA	86.12	18	eP	15	47.20	-1.3
PAS	86.34	54	eP	15	53.00	2.8
			ePP	20	18.00	
			eSKS	26	41.00	
			eS	27	14.00	
			ePS	28	15.00	
			ePPS	28	54.00	
			eSS	33	02.00	
			eSSS	37	00.00	
			e	39	22.00	
			eLg	42	12.00	
			eLR	43	58.00	
MWC	86.45	54	eP	15	49.00	-2.0
			e	16	47.00	
ISA	86.62	52	eP	15	47.00	-4.7X
			e	16	46.00	
RVR	86.91	54	eP	15	54.00	1.0
			e	16	50.00	
PLM	87.11	55	eP	15	56.00	1.8

16d 08h

			e	16	51.00		
GSC	87.78	53	eP	15	58.00	0.7	
			e	16	55.00		
MNA	87.80	50	ePc	15	58.10	0.7	
TPC	87.99	54	eP	15	52.00	-6.3X	
			e	16	55.00		
BRW	88.87	11	e(P)	16	02.60	1.0	
SYO	88.98	197	eP	16	00.00	-2.4	
EUR	89.75	49	iP	16	07.00	0.2	
	0.2s		10.89nm			5.8mb	
INK	92.68	19	eP	16	18.00	-1.3	
YKA	97.52	27	eP	16	41.00	-0.5	
YKC	97.57	27	eP	16	40.50	-1.2	
MBC	100.00	14	eP	16	54.00	1.4	
ANT	113.09	124	ePdiff	18	12.00	20.0X	
FRB	117.82	24	ePKP	21	54.00	-0.1	
KJF	122.43	340	iPKP	22	02.80	-0.1	
	0.7s		20.00nm				
SUF	123.94	339	ePKP	22	02.00	-3.9X	
NUR	125.94	338	iPKP	22	09.60	-0.2	
	0.7s		12.00nm				
			i	22	24.50		
SJG	129.69	78	e(PKP)	22	14.00	-4.3X	
	0.9s		25.21nm				
	Z 20s		9.93um			6.5Msz	
			i	23	12.80		
			i	26	34.00		
NB2	129.80	344	PKP	22	07.50	-9.8X	
	0.6s		2.00nm				
HFS	129.87	342	ePKP	22	16.50	-0.8	
	0.3s		1.40nm				
VAO	130.83	138	e(PKP)	22	35.00	14.6X	
BAO	135.08	130	e(PKP)	22	13.10	-15.6X	
			e	22	31.40		
			e	23	20.60		
			e	23	27.10		
			e	26	55.60		
KSP	136.05	333	ePKP	22	35.00	5.6X	
	1.1s		79.00nm				
			i	23	28.50		
			e	25	19.50		
			ic	26	04.50		
ZST	137.51	329	ePKP	22	32.00	-0.3	
			i	23	28.10		
			i	26	15.50		
ATB	138.15	112	e(PKP)	22	45.30	10.8X	
KHC	138.50	333	iPKPd	22	36.90	2.8	
	Z 18s		6.80um			6.4Msz	
	N 18s		4.40um				
	E 18s		5.30um				
			e	23	28.50		
			e	26	20.00		
MEM	140.24	340	PKP	22	39.10	2.0	
			e	22	58.90		
			e	23	31.00		
			e	26	31.00		
LJU	140.27	329	e(PKP)	22	37.00	-0.3	
			e	23	28.80		
			e	26	31.00		
VOY	140.59	329	ePKP	22	32.00	-6.0X	
			e	23	29.60		
			e	26	15.50		
FLN	143.78	345	ePKP	22	41.10	-2.3	
LOR	143.84	339	ePKP	22	41.50	-2.1	
LDF	143.84	345	ePKP	22	41.20	-2.3	
GRC	144.08	340	iPKPc	22	42.40	-1.5	
			i	23	05.80		
			i	23	38.90		
			i	26	54.60		
SSF	144.14	340	ePKP	22	42.40	-1.7	
GRR	144.22	345	ePKP	22	42.10	-2.0	
LPG	144.25	335	ePKP	22	43.40	-1.3	
SMF	144.39	339	iPKPd	22	42.90	-1.6	
AVF	144.43	340	iPKPd	22	43.00	-1.5	
LPF	144.60	345	iPKPd	22	43.40	-1.4	
BGF	144.80	340	ePKP	22	44.40	-0.8	
MZF	145.19	340	ePKP	22	45.80	-0.1	
TCF	145.25	340	ePKP	22	45.80	-0.2	
ISF	145.50	341	ePKP	22	46.40	0.0	
CVF	145.59	330	iPKPd	22	46.70	0.0	
MFF	145.68	343	iPKPd	22	47.10	0.4	
FRF	145.85	333	iPKPd	22	47.70	0.6	
LRG	146.06	333	iPKPd	22	48.50	1.1	
LMR	146.09	333	iPKPd	22	48.30	0.8	
CDR	146.14	334	ePKPc	22	48.10	0.5	
			i	23	44.30		
			e	26	04.80		

RJF	146.34	340	iPKPd	22	49.40	1.6	
CAF	146.50	339	iPKPd	22	49.90	1.8	
ITR	146.61	132	e(PKP)	22	44.00	-5.2X	
ITR	146.61	132	iPKPd	22	49.00	-0.2	
			i	23	01.20		
BNG	146.69	256	iPKPd	22	50.00	0.7	
	0.9s		239.00nm				
			i	23	05.30		
			i	23	47.20		
			i	24	38.40		
			i	26	41.90		
LFF	146.92	341	ePKP	22	51.00	2.3	
LPO	147.00	340	ePKP	22	51.30	2.4	
MLS	148.56	339	iPKPd	22	55.40	3.9X	
			id	23	51.80		
EPF	148.75	340	ePKP	22	56.20	4.4X	
CAI	149.05	130	ePKP	22	55.00	1.9	
LGR	150.15	343	PKP	23	01.00	7.1X	
TOL	152.98	343	ePKP	23	17.00	18.9X	
			iPKKP	23	57.50		
			i	24	17.00		
			ePKS	26	18.00		
			iPP	27	42.00		
			iSKS	30	00.00		
			iPPP	31	14.00		
			eSKKS	34	26.00		
			eSS	49	00.00		
MTE	153.28	349	ePKP	23	08.50	9.9X	
	S.D. = 1.3		on 91 of 124 obs.				

DEC 16, 1985 08h 04m 07.06± 0.59s
14.073 S ± 4.3km 166.251 E ± 3.8km
DEPTH = 37.2 ± 4.9 km
6.0mb (34 obs.) 6.7Msz (28 obs.)
VANUATU ISLANDS (186)
Ms 6.8 (BRK), 6.4 (PAS).
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=170 Dip=65 Slip= -90
NP2: 350 25 -90
Principol Axes:
T Plg=20 Azm=260
P 70 80
Comment: The focol mechanism is poorly controlled and corresponds to normal faulting. The preferred fault plane is NP1.
MOMENT TENSOR SOLUTION
Dep 26 No. of sta: 11
Moment Tensor; Scale 10**25 d-cm
Mrr=-5.96 Mtt=-0.15
Mff= 6.11 Mrt= 1.06
Mrf= 3.51 Mtf=-2.86
Principol axes:
T Vol= 7.85 Plg=12 Azm=252
N -0.48 19 346
P -7.37 67 131
Best Double Couple:Mo=7.6*10**25
NP1:Strike=319 Dip=37 Slip=-123
NP2: 178 60 -68
CENTROID, MOMENT TENSOR (HRV)
Doto Used: GDSN
L.P.B.: 18S, 45C M.W.: 10S, 22C
Centroid Locotion:
Origin Time 08:04:12.0 0.1
Lot 14.21S 0.01 Lon 166.16E 0.01
Dep 31.6 0.9 Half-duration 6.4
Moment Tensor; Scale 10**25 D-CM
Mrr=-5.55 0.07 Mtt=-0.77 0.07
Mff= 6.33 0.07 Mrt=-2.42 0.18
Mrf=-0.36 0.18 Mtf= 0.84 0.05
Principol Axes:
T Vol= 6.46 Plg= 3 Azm= 98
N 0.10 22 189
P -6.57 67 0
Best Double Couple:Mo=6.5*10**25
NP1:Strike=166 Dip=46 Slip=-122
NP2: 28 52 -61

DZM	7.96	179	iP	06	03.00	-1.3	
			iS	07	20.30		
SVO	7.98	307	eP	06	04.00	0.4	
			e(S)	06	10.00		
PAA	13.10	305	eP	07	15.00	1.6	
			eS	07	50.00		
BGA	13.44	305	eP	07	20.00	2.1	
			eS	08	03.00		

KVG	19.07	305	e(P)	08	28 00	-1.3	
CRZ	21.09	165	P	08	53.90	2.4	
RIV	23.97	212	eP	09	20.00	1.0	
KRP	25.15	163	P	09	32.30	1.7	
			(pP)	09	43.70	46kmX	
			e	11	27.70		
			e(S)	14	22.80		
GNI	26.60	159	P	09	47.00	3.2X	
			S	14	20.00		
WEL	28.11	166	eP	09	58.00	0.5	
	Z 20s		83.69um			6.3Msz	
	N 22s		53.33um				
	E 20s		174.47um				
			(PcP)	13	36.00		
			S	14	38.00		
STK	28.69	228	eP	10	03.00	0.1	
	0.5s		58.00nm			5.5mb	
MSI	30.53	178	eP	10	18.00	-1.1	
WBV	31.02	255	eP	10	22.50	-1.3	
WRA	31.04	255	Pc	10	22.60	-1.3	
	1.0s		51.30nm			5.3mb	
BFO	31.24	218	eP	10	12.00	-13.4X	
TAU	33.04	206	eP	10	43.00	1.9	
			eS	15	56.00		
GUA	34.63	321	e(P)	10	56.00	0.9	
	1.1s		232.91nm			6.0mb	
GUMO	34.70	321	e(P)	10	56.00	0.3	
MCU	40.74	187	eP	11	46.00	0.2	
AFD	42.38	101	eP	12	00.00	0.2	
	1.4s		420.00nm			6.0mb	
PAL	42.57	101	eP	12	02.00	0.7	
	1.4s		455.00nm			6.0mb	
PPT	42.57	101	eP	12	02.00	0.6	
	1.4s		335.00nm			5.9mb	
PPT	42.71	101	eP	12	03.00	0.5	
	1.4s		420.00nm			6.0mb	
TVU	42.87	101	eP	12	04.00	0.1	
	1.4s		515.00nm			6.1mb	
KLV	44.30	240	eP	12	15.50	0.2	
PMG	44.33	97	iP	12	16.90	1.2	
	1.4s		1210.00nm			6.5mb	
VAN	44.57	98	iP	12	18.50	0.9	
	1.4s		395.00nm			6.1mb	
TPT	44.60	97	iP	12	19.00	1.1	
	1.4s		800.00nm			6.4mb	
MBT	44.67	254	eP	12	17.00	-1.4	
	1.0s		176.00nm			5.9mb	
RUT	44.81	97	iP	12	20.60	1.0	
	1.4s		800.00nm			6.4mb	
MEK	46.19	247	eP	12	29.50	-0.9	
MKS	46.87	276	iPc	12	36.30	0.4	
			e	13	40.00		
MKS	46.87	276	iPc	12	36.00	0.1	
			iS	15	25.20		
KLB	47.56	240	eP	12	39.70	-1.5	
	1.0s		162.00nm			6.0mb	
PCI	47.72	282	eP	12	43.50	0.9	
	1.0s		45.50nm			5.4mb	
NWAO	48.25	238	eP	12	45.00	-1.5	
	0.9s		20.00nm			5.1mb	
BAL	48.30	241	eP	12	46.00	-0.9	
RKG	48.65	237	eP	12	51.00	1.4	
	0.7s		51.00nm			5.7mb	
MRWA	48.72	243	eP	12	49.00	-1.2	
	0.6s		65.00nm			5.8mb	
NAU	48.72	252	eP	12	50.00	-0.3	
	0.6s		100.00nm			6.0mb	
HON	49.68	46	P	13	04.00	6.4X	
PGP	52.56	299	ePd	13	11.50	-8.0X	
OCP	53.02	301	eP	13	25.00	2.0	
MAN	53.04	301	eP	13	20.50	-2.5	
BAG	54.34	302	iPd-	13	32.00	-0.9	
			eS	21	12.00		
KYS	54.90	334	eP	13	36.90	0.5	
PIP	55.32	304	ePd	13	39.00	-0.7	
DRV	55.37	192	eP	13	39.50	0.1	
OYM	55.48	333	eP	13	39.70	-1.0	
SRY	55.62	333	eP	13	41.00	-0.7	
TSK	55.78	334	eP	13	41.90	-0.9	
MAT	56.87	333	iPd-	13	49.40	-1.3	
			eS	21	14.00		
SHK	57.92	327	ePd	13	57.50	-0.5	
ANP	58.51	312	iP-	14	02.50	0.1	
			iS	22	08.00		
QZH	60.53	310	iPd	14	16.00	-0.2	
			iS	22	32.00		
HKC	62.54	305	iPd	14	30.70	0.9	

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                 ipP   14 41.00  33kmX
                 isP   14 45.00
                 i     15 12.00
                 iS    23 01.00
GZH    63.60 305 Pd    14 37.00   0.3
                 iS    23 14.00
SBA    63.79 180 iP    14 37.50   0.3
       1.2s   237.50nm        6.2mb
KGM    64.35 279 ePd   14 42.20   0.3
       1.2s   321.30nm        6.3mb
                 e     14 56.40
                 e     19 35.80
NJ2    64.52 316 Pd    14 41.80  -0.8
QIZ    64.56 299 Pd    14 44.00   0.8
                 PP    17 09.00
WHN    66.77 312 Pd    14 57.20   0.1
                 iPcP  15 23.00
                 PP    17 24.00
                 iS    23 50.00
SMY    66.87   5 e(P)  14 57.00  -0.3
    Z  20s     5.50um         5.8Msz
DL2    67.19 324 iPd   15 00.00   0.4
                 iS    23 55.00
IPM    67.28 281 ePd   15 00.10  -0.6
       1.0s   357.30nm        6.4mb
                 e     19 53.10
ADK    67.33  11 eP    14 59.70  -0.6
       1.0s   235.00nm        6.2mb
SNY    68.12 327 iPd   15 04.50  -0.9
SNG    68.45 284 eP    15 27.50  19.5X
       1.0s   204.00nm
                 iS    24 04.00
PSI    68.76 279 iPd   15 10.50   0.6
       1.2s    87.50nm        5.7mb
                 e     26 00.00
PCT    70.22 291 eP    15 21.00   2.2
GYA    70.53 305 Pd    15 21.00   0.3
                 PcP   15 41.00
                 S     24 34.00
NNT    71.03 289 eP    15 24.80   1.1
BJI    71.14 322 eP    15 24.50   0.6
    N  18s    16.10um
                 eS    24 42.00
TIY    72.11 318 iPd   15 31.00   1.1
                 S     24 56.00
XAN    72.52 313 Pd    15 32.40   0.0
                 S     24 59.00
KHT    72.81 291 eP    15 35.80   1.5
KMI    73.12 302 eP    15 37.00   0.7
    N  16s     6.50um
                 pP    15 58.00  79kmX
                 sP    16 38.00
                 PP    18 14.00
                 eS    24 50.00
                 iS    25 02.00
                 PS    25 30.00
BDT    73.30 293 eP    15 39.00   1.9
       0.9s    60.50nm        5.6mb
HHC    74.45 320 iPd   15 44.00   0.4
CD2    74.83 308 P     15 46.00   0.1
BTC    75.20 319 iPd   15 49.00   0.6
                 iS    25 29.00
SPA    76.02 180 iPd   15 51.30  -0.9
       0.9s   247.50nm        6.2mb
LZH    77.15 313 eP    16 00.50   1.5
       2.4s  2640.00nm        6.8mb
                 pP    16 25.00  93kmX
                 sP    16 35.00
SVW    80.82  18 eP    16 18.20  -0.1
GTA    81.50 314 iPd   16 23.00   0.6
                 iS    26 36.00
TTA    82.17  16 eP    16 25.60   0.3
PMR    83.22  20 P     16 30.70   0.1
       1.5s   945.95nm        6.7mb
    Z  18s    64.76um         7.0Msz
PME    83.28  20 eP    16 30.80  -0.1
    Z  20s     6.50um         6.0Msz
NWRM   84.25  48 P     16 35.70  -0.6
PCC    84.25  49 ePc   16 36.80   0.4
                 e     16 50.80
GCC    84.36  50 ePc   16 36.60  -0.3
FHC    84.40  46 e(P)  16 38.50   1.4
BRK    84.49  49 ePc   16 38.30   0.8
                 ePcP  16 42.20
BKS    84.51  49 iPd   16 36.00  -1.6
       0.9s    62.00nm        5.8mb
    Z  20s    67.00um         7.0Msz
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       N  20s    52.00um
       E  20s    15.00um
                 ePcP  16 42.30
                 e     16 49.70
                 i     17 03.40
                 iPP   19 58.00
                 i     22 32.00
                 i     26 38.00
                 i     27 04.00
                 eS    27 06.00
                 ePS   27 32.00
                 iPPS  28 06.00
                 e     31 44.00
                 eSS   32 28.00
                 i     33 04.00
                 eSSS  36 04.00
                 e     37 50.00
                 eLQ   38 06.00
                 e     39 20.00
                 eLR   42 04.00
PRS    84.57  51 ePc   16 39.00   1.0
                 iPcP  16 43.00
TOA    84.57  20 eP    16 37.80   0.3
SAO    84.67  50 ePc   16 39.00   0.5
MHC    84.74  50 ePc   16 39.80   0.8
                 ePcP  16 43.90
                 e     16 53.70
                 e     17 04.20
ARN    84.82  50 P     16 39.10  -0.2
LLA    84.99  50 eP    16 41.00   0.9
YAH    85.00  23 e(P)  16 40.00   0.1
PRI    85.03  51 ePc   16 41.50   1.1
                 ePcP  16 45.70
                 e     16 55.70
                 e     17 06.40
IMA    85.28  15 eP    16 41.50   0.4
WDC    85.32  46 ePc   16 42.20   0.5
                 i     16 56.40
ORV    85.67  48 ePc   16 43.80   0.4
                 iPcP  16 47.60
                 i     16 57.80
                 i     17 08.40
                 eP'P' 42 57.00
JAS1   85.86  49 iPc   16 44.80   0.4
                 iPcP  16 48.70
                 i     17 09.50
                 e     18 54.00
                 eP'P' 42 54.70
MIN    85.89  47 iPc   16 44.80   0.1
COL    86.03  18 eP    16 44.00  -0.7
    Z  18s    31.96um         6.8Msz
                 eS    27 16.00
FBA    86.03  18 eP    16 43.40  -1.3
FRI    86.05  51 ePc   16 45.90   0.6
                 iPcP  16 49.90
                 i     16 59.90
                 i     17 10.40
COR    86.39  42 eP    16 47.00   0.2
PHC    86.48  36 eP    16 50.50   3.4X
WCN    86.84  48 P     16 49.50   0.1
BAR    86.95  55 eP    16 50.00   0.1
CWC    87.09  51 eP    16 51.00   0.3
MNA    87.70  50 ePc   16 54.20   0.6
                 ePcP  17 06.80
                 e     19 00.80
                 eP'P' 42 52.20
GMW    87.90  40 P     16 53.30  -0.8
PGC    87.93  39 eP    16 54.00  -0.1
MCW    88.32  39 P     16 56.70   0.6
PKI    88.52 299 iPd   16 58.30   0.4
GLA    88.54  56 eP    16 53.00  -4.6X
KKN    88.69 299 iPd   16 59.20   0.6
BRW    88.78  11 eP    16 58.20   0.4
DMN    88.79 299 iPd   16 59.80   0.7
PNT    90.52  39 ePd   17 06.00  -0.4
       1.2s   173.00nm        6.3mb
KOD    91.28 280 eP    17 12.00   1.0
NEW    91.71  41 eP    17 11.00  -1.0
    Z  20s    25.00um         6.7Msz
HYB    91.99 287 eP    17 13.50  -0.3
GBA    92.12 283 P     17 21.00   6.6X
       0.7s    14.60nm        5.5mb
DUG    92.19  49 P     17 14.00  -0.5
MSU    92.19  51 P     17 14.80   0.1
AIA    92.33 161 eP    17 15.00   0.5
INK    92.59  19 eP    17 13.00  -2.5
TMI    93.70  46 P     17 21.20  -0.3
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LRM    94.02  44 eP     17 25.00   2.1
EDM    95.49  37 ePd    17 28.80  -0.5
ALQ    95.74  56 eP     17 32.00   1.0
LTX    96.83  62 P      17 33.80  -2.1
    Z  22s    13.33um          6.4Msz
RSNT   97.42  27 eP     17 30.30  -7.4X
       0.7s    46.67nm         6.1mb
YKC    97.47  27 ePd    17 36.00  -1.9
       1.0s    81.00nm         6.2mb
GOL    97.62  51 P      17 36.80  -2.7
    Z  18s    23.83um          6.7Msz
BOM    97.63 288 eP     17 38.60  -0.9
                 iS     29 07.00
GLD    97.74  51 P      17 39.00  -0.9
    Z  18s    27.60um          6.8Msz
MBC    99.91  14 eP     17 48.00  -0.8
JCT   100.35  61 e(Pdif17 50.50   -1.3
    Z  20s    32.27um          6.8Msz
FFC   102.37  36 iPdiff17 59.40   -0.8
       1.2s    25.00nm         5.8mb
TUL   104.48  56 e(Pdif18 18.00    7.9X
    Z  19s    50.90um          7.1Msz
RSON  107.11  41 PKP    22 29.90  -0.8
    Z  20s    16.95um          6.6Msz
LHC   109.99  43 ePKP   22 35.00  -1.2
PT06  112.13 111 ePdiff18 44.00   -0.5
KBS   113.97 355 ePdiff18 56.00    4.7X
UPA   115.51  87 ePdiff19 04.00    4.4X
    Z  19s    20.14um          6.7Msz
    N  20s     7.09um
    E  20s     9.93um
PSO   115.89  96 ePKP   22 45.00  -4.1X
SLA   116.48 127 e(PKP)22 50.00    0.4
BLA   116.89  55 PKP    22 48.00  -1.9
       1.1s   145.50nm
TPZ   117.97 124 PKPc   22 55.20   2.4
CHN   118.46  92 ePKP   22 42.00 -11.7X
IR2   118.59 303 (Pdiff19 01.00  -12.0X
IR2   118.59 303 ePKP   22 53.00  -0.3
KEV   118.84 345 ePdiff19 16.00    2.9
KEV   118.84 345 ePKP   22 51.00  -1.5
       0.7s    32.00nm
    Z  20s    19.30um          6.7Msz
                 ePP    24 10.00
                 ePS    33 56.00
                 LR     14 20.00
OTT   119.52  46 ePKP   22 53.00  -1.5
       0.8s    83.00nm
                 pP     23 06.50
BOG   119.89  93 ePKP   22 49.00  -7.6X
                 ePP    24 21.00
FUQ   120.40  92 ePKP   22 59.00   1.4
RSNY  120.50  46 PKP    22 58.80   2.3
    Z  20s    12.43um          6.5Msz
SOD   120.59 343 ePKP   22 54.00  -1.9
                 ePP    24 15.00
TRO   120.82 347 iPKP   22 56.70   0.5
MNT   120.95  45 ePKP   22 56.50  -0.7
BMG   121.39  90 ePKP   22 56.80  -2.4
KER   121.78 302 e(PKP)22 59.00   -0.4
SEK   121.87 223 ePKP   22 57.00  -2.8
       1.0s    20.00nm
EVA   122.04 226 e(PKP)23 01.70    1.5
KJF   122.38 340 ePdiff19 28.00   -1.0
KJF   122.38 340 iPKP   22 58.80  -0.6
       0.7s    62.70nm
    Z  20s    18.90um          6.7Msz
                 ePP    24 36.00
                 ePS    34 08.00
                 LR     18 10.00
BPI   122.97 226 ePKP   23 00.00  -2.0
       1.0s    20.00nm
SLY   122.98 303 ePKPd  23 02.00   0.6
SLR   123.08 226 ePdiff19 40.00    6.8X
SLR   123.08 226 iPKPc  23 01.50  -0.6
       0.9s    21.01nm
    Z  18s    15.98um          6.7Msz
SUR   123.19 215 ePKP   23 02.00  -0.2
       1.1s    73.42nm
    Z  18s    15.98um          6.7Msz
BFS   123.36 224 iPKPc  23 01.50  -1.1
       1.1s   106.33nm
SUF   123.88 339 iPKP   23 10.00   7.6X
       0.7s    53.70nm
KSR   123.95 225 ePKP   23 05.50   1.6
       0.7s    22.50nm
SDV   124.12  89 ePKP   23 03.40  -1.2
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16d 08h

BMD	124.13	301	ePKPc	23	04.00	0.2
TET	124.43	239	iPKP	23	05.00	0.2
MSL	124.78	305	ePKP	23	04.50	-0.4
MTD	125.74	237	iPKPc	23	06.50	-1.0
NUR	125.89	338	ePdiff	19	44.00	-0.6
NUR	125.89	338	iPKP	23	06.00	-0.3
	0.8s	90.90nm				
			ePP	24	56.00	
BUL	126.23	232	ePKP	23	07.00	-1.4
KRI	127.31	236	ePKP	23	13.00	2.5
RTB	127.56	301	ePKPd	23	15.00	4.5X
			e	25	17.00	
NAI	127.67	257	ePKP	23	12.00	0.6
	1.5s	97.22nm				
CAR	128.00	88	ePKP	23	08.00	-3.9X
CAR	128.00	88	iPKP	23	11.00	-0.9
	1.1s	156.96nm				
AKU	128.36	2	iPKP	23	13.10	2.2
	1.0s	92.00nm				
AAE	128.39	270	ePKP	23	13.00	0.1
UPP	128.81	340	iPKP	23	12.20	0.3
			i	25	18.60	
REY	129.67	5	iPKP	23	17.60	4.2X
NB2	129.74	345	PKP	23	12.70	-1.0
	0.7s	26.80nm				
HFS	129.81	343	ePKP	23	12.50	-1.3
	0.6s	15.60nm				
	Z 19s	17.74um			6.8Msz	
			LR	09	15.00	
VAO	130.85	138	ePKP	23	17.10	0.0
			e	23	18.70	
			e	23	21.30	
			e	23	25.00	
			e	23	30.10	
			e	23	51.80	
			e	24	16.60	
BHL	131.25	303	PKP	23	18.00	0.5
			PP	25	38.00	
			SKP	26	48.00	
HRI	131.30	302	ePKP	23	19.00	1.3
KONO	131.34	344	ePKP	23	21.40	4.7X
JER	132.02	300	e(PKP)	23	18.00	-1.0
			e(S)	26	30.00	
PRNI	132.42	298	iPKP	23	21.00	1.2
ITA	132.75	140	ePKP	23	09.50	-11.5X
			e	23	21.20	
			e	23	35.00	
			e	23	55.30	
			e	26	48.70	
ITA	132.75	140	e(PKP)	23	21.00	0.0
RDJ	133.28	141	ePKP	23	20.40	-1.1
TRN	133.38	89	ePKP	23	22.70	0.8
VRI	133.52	321	ePKP	23	21.00	-0.4
GPA	133.56	313	ePKP	23	13.00	-8.6X
PSN	133.63	318	ePKP	23	25.00	3.5X
COP	133.81	340	ePKP-	23	11.00	-10.5X
			i	25	54.00	
			i	26	54.00	
FDF	134.15	83	ePKP	23	24.40	1.0
MLR	134.18	321	ePKPd	23	20.00	-2.8
LWI	134.83	252	iPKP-	23	23.00	-2.1
KRA	134.84	330	ePKPd	23	22.70	-1.0
	1.2s	71.00nm				
	Z 20s	21.50um			6.9Msz	
	N 20s	9.80um				
	E 20s	13.30um				
			e	23	27.10	
			e	23	30.10	
			e	23	35.10	
CMP	134.85	321	ePKPd	23	27.00	3.1X
KCT	134.95	314	ePKP	23	24.80	0.5
ASW	134.99	290	iPKPc	23	24.00	-0.8
SPC	135.25	329	ePKP	23	26.30	1.5
PVL	135.82	319	ePKP	23	28.00	2.2
YER	136.16	309	ePKP	23	26.00	-0.7
CLO	136.29	322	ePKPd	23	30.00	3.4X
KDZ	136.42	317	ePKP	23	15.00	-12.0X
EZN	136.55	314	ePKP	23	12.90	-14.4X
BUD	136.97	327	ePKP	23	28.80	1.0
ELO	136.99	352	ePKP	23	27.90	0.3
BRG	137.00	334	e(PKP)	23	22.60	-8.2X
	Z 18s	11.50um			6.7Msz	
	N 18s	7.00um				
	E 18s	9.50um				
			i	23	30.50	
			e	34	22.00	
			e	38	46.00	
			e	44	24.00	
CLL	137.05	336	ePKP	23	25.00	-2.9
CLL	137.05	336	ePKP	23	30.00	2.1
	Z 18s	12.50um			6.7Msz	
SRO	137.12	328	ePKP	23	26.30	-1.8
EAB	137.35	352	ePKPc	23	28.60	0.3
PRU	137.40	333	PKP	23	30.60	2.0
	Z 19s	14.40um			6.7Msz	
	N 20s	6.50um				
	E 19s	8.80um				
			i	26	00.00	
MMB	137.52	317	iPKPd	23	18.00	-11.1X
BEO	137.81	323	ePKP	23	20.00	-9.5X
VKA	137.81	330	ePKPd	23	29.00	-0.4
	7.0s	4858.00nm				
	Z 19s	7.20um			6.4Msz	
			e	26	10.00	
			iPP	26	17.60	
EKA	138.02	351	PKPd	23	31.70	2.2
	0.8s	19.90nm				
ESK	138.04	351	ePKP	23	32.50	2.9
SOP	138.09	329	ePKPd	23	21.00	-8.9X
MOX	138.12	336	ePKP	23	24.00	-5.9X
	1.6s	86.00nm				
	Z 20s	14.60um			6.7Msz	
	N 18s	8.60um				
	E 22s	4.00um				
			e	23	30.00	
			ePP	26	16.00	
VAY	138.40	318	iPKP	23	28.50	-2.2
WTS	138.74	341	ePKP	23	30.00	-0.9
	1.1s	75.00nm				
			ePP	26	24.50	
SKO	138.80	319	iPKPc	23	22.00	-9.4X
	9.5s	6400.00nm				
	Z 19s	10.80um			6.6Msz	
	N 18s	6.10um				
	E 19s	7.30um				
			i	26	20.00	
GRF	139.03	335	ePKP	23	25.00	-6.6X
			e	26	22.40	
			e	27	14.90	
ATH	139.18	313	ePKP	23	23.20	-9.0X
BNS	139.49	340	ePKP	23	27.00	-5.3X
	9.5s	4300.00nm				
			iPP	26	12.00	
OHR	139.66	338	iPKP	23	25.60	-7.3X
TNS	139.67	338	ePKP	23	24.20	1.4
KBA	140.07	331	iPKP	23	24.50	-9.3X
	1.9s	210.00nm				
			i	23	26.00	
			i	26	21.70	
			i	26	51.90	
ENN	140.08	341	ePKP	23	27.00	-6.4X
	1.0s	70.00nm				
UCC	140.54	342	ePKP	23	26.00	-8.2X
			e	26	29.00	
SNF	140.81	342	ePKP	23	24.30	-0.4
TRI	140.84	329	iPKPd	23	26.00	-8.9X
			iPP	26	32.00	
			iPKS	27	13.00	
			iPPP	29	40.00	
			iPSKS	36	40.00	
			iSPP	39	00.00	
			i	40	26.00	
			i	44	30.00	
			iSS	46	30.00	
			i	47	34.00	
			iSSS	51	00.00	
WLF	140.95	339	ePKP	23	27.60	-7.4X
			e	23	28.00	
			e	26	28.00	
GWF	141.00	338	ePKP	23	32.40	-2.8
ETA	141.01	353	ePKP	23	32.20	-2.8
	1.1s	115.00nm				
DOU	141.08	341	ePKP	23	32.00	-13.2X
	Z 18s	11.00um			6.7Msz	
			e	26	34.00	
MOF	142.12	337	ePKP	23	28.40	1.1
VAL	142.11	344	PKP	23	36.00	-7.0X
FIR	142.47	330	ePKP	23	26.50	-3.1X
FOUF	144.97	334	PKP	23	31.70	-0.4
ITR	146.62	131	iPKPd	23	35.40	-0.4
			E	23	58.90	
			i	24	18.20	
SMCF	148.40	337	ePKP	23	51.00	3.1X
MADF	148.97	341	ePKP	23	52.70	4.0X
EBR	150.59	338	ePKP	23	52.00	0.9
			ePP	27	35.00	
ALI	153.11	336	ePKP	24	00.00	5.1X
PRL	154.24	349	ePKP	23	57.00	0.4
MTH	154.95	352	iPKPc	23	58.00	0.6
LIS	155.12	351	iPKPd	23	57.70	0.1
CRT	155.26	340	ePKP	23	59.90	1.9
MAL	155.94	341	iPKP	23	58.00	-0.8
			iPP	28	06.00	
			iSS	48	41.00	
SFS	156.70	344	ePKP	24	09.00	9.2X
			ePKKP	24	42.00	
			iPP	29	20.00	
			eSKS	31	00.00	
TAF	156.95	336	iPKP	24	00.00	-0.3
			i	24	14.00	
			i	28	00	
			i	28	0.00	
IFR	159.12	339	iPKP	24	03.00	0.0
AVE	160.01	344	ePKP	24	04.00	0.3
			i	24	22.50	
			i	24	45.00	
TEN	165.49	9	ePKP	24	06.40	-2.7
			iS	25	08.40	
			iPPP	28	54.50	
KIC	168.29	230	ePKP	24	10.90	-0.7
	S.D. = 1.2		on 228 of 280 obs.			

DEC 16, 1985 08h 07m 15.74± 1.86s
3.717 N ± 9.1km 126.758 E ±12.5km
DEPTH = 60.8 ± 16.3 km
4.9mb (8 obs.) 5.7Msz (1 obs.)
TALAUD ISLANDS (263)

DAV	3.55	341	eP	08	10.00	0.4
			eS	19	08.00	
AAI	7.49	169	eP	09	14.20	9.4X
	0.5s	4.60nm			4.5mb	
PCI	8.30	237	eP	09	15.60	-0.4
			eS	10	51.00	
KGM	23.47	267	eP	12	23.50	2.7
WRA	24.67	163	Pd	12	30.70	-1.7
	0.6s	33.20nm			5.0mb	
WB2	24.67	163	eP	12	31.20	-1.2
			i	13	22.00	
			eS	17	01.80	
IPM	25.68	273	ePc	12	45.20	3.3X
			e	14	04.00	
PPI	26.67	262	e(P)	12	30.00	-21.0X
			e	14	56.00	
			e	23	00.00	
SSE	27.73	350	ePKP	13	01.00	0.5
	N 16s	2.60um				
	E 16s	5.40um				
			e	13	30.00	
			i	14	27.00	
			PKS	16	34.00	
			SKS	20	12.00	
			eSKKS	22	50.00	
			i	24	24.00	
PSI	27.81	269	eP	13	03.00	1.6
NST	28.76	296	eP	13	11.00	1.1
CHG	31.05	301	eP	13	30.00	-0.3
STK	38.11	159	eP	14	30.00	-0.6
	0.6s	26.00nm			5.3mb	
LZH	38.53	330	Pd	14	35.00	0.8
SHL	39.91	306	iPKP	14	44.90	-1.0
PKI	46.00	305	eP	15	35.20	-0.2
KKN	46.19	306	eP	15	36.00	-0.8
DMN	46.26	305	eP	15	36.90	-0.5
HYB	49.15	290	eP	15	59.70	-0.1
KOD	49.31	280	eP	16	01.00	-0.4
GBA	49.65	285	P	16	03.00	-0.6
	0.5s	3.80nm			4.7mb	
NDI	53.15	303	ePKP	16	28.00	-1.9
	0.6s	6.67nm			4.8mb	
	Z 18s	6.36um			5.7Msz	
			eSKS	24	14.00	
			ePPS	28	12.00	
POO	53.75	290	iP	16	33.20	-1.2
MSZ	60.60	147	e(P)	17	25.00	2.7
KRP	61.27	137	eP	16	46.00	-41.1X
SOD	90.49	338	eP	20	10.00	-1.8
KJF	90.62	334	eP	20	13.00	0.5
SUF	91.58	333	iP	20	16.90	0.0
	0.4s	2.50nm			5.0mb	
NUR	92.73	331	eP	20	12.00	-10.2X

HFS	98.04	332	eP	20 47.30	0.8
	0.5s		1.70nm		4.8mb
	Z 15s		5.66um		6.2MszX
			LR	35 33.00	
NB2	98.81	334	P	20 49.30	-0.7
	0.7s		2.40nm		4.8mb
ROCH	146.48	152	ePKP	26 53.50	2.4
ITA	159.69	283	e(PKP)	26 49.00	-20.8X
VAO	159.89	197	e(PKP)	26 41.00	-28.7X
			e	26 42.50	
			e	26 45.50	
			e	27 01.00	
	S.D. = 1.3		on 27 of 34 obs.		

& DEC 16, 1985 09h 09m 52.00s
36.340 N 117.980 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.2 (PAS), 3.2 (BRK).

ISA	0.78	211	iPc	10 06.30	-1.4
FRI	1.53	296	iPc	10 19.20	-0.7
			iS	10 38.60	
ABL	1.80	215	eP	10 24.10	0.1
SDW	1.88	157	eP	10 26.30	1.3
BCH	2.06	237	eP	10 27.50	-0.2
MNA	2.09	356	eP	10 27.90	-0.3
			eS	10 59.80	
PRI	2.18	266	iPd	10 29.90	0.5
			e(S)	10 59.00	
LLA	2.40	277	eP	10 33.10	0.5
JAS1	2.51	310	iPc	10 35.50	1.5
			eS	11 07.50	
PRS	2.74	271	e(P)	10 37.00	-0.3
SAO	2.82	280	eP	10 38.90	0.4
MHC	3.10	290	ePc	10 42.90	0.4
			e	11 31.40	
GCC	3.30	283	e(P)	10 45.50	0.3
EUR	3.52	26	iP	10 48.20	-0.3
MIN	4.91	326	eP	11 20.00	11.8
	15 obs. associated				

DEC 16, 1985 09h 20m 31.00± 0.70s
38.872 N ± 8.1km 25.864 E ± 6.5km
DEPTH = 21.0 ± 8.6 km
AEGEAN SEA (365)
ML 3.3 (ATH).

PRK	0.49	40	iPgc	20 40.70	-0.2
EZN	1.02	20	iPg	20 49.90	0.1
			iSg	21 04.90	
IZM	1.19	113	iPn	20 52.80	0.3
ATH	1.91	243	ePg	21 03.00	0.2
			eSg	21 28.70	
EDC	2.13	46	ePn	21 05.00	-1.0
KCT	2.37	54	iPn	21 10.80	1.4
YER	2.58	131	ePn	21 12.00	-0.5
KDZ	2.79	352	eP	21 15.00	-0.4
			iSg	22 01.00	
MMB	3.17	330	iPd	21 20.00	-0.8
DIM	3.18	356	ePg	21 27.00	6.2X
			eSg	22 10.00	
DMK	3.28	26	iPn	21 21.70	-0.6
VAY	3.52	315	ePn	21 32.40	6.7X
VTS	4.24	332	eP	21 36.00	0.1
			iSg	22 45.00	
PVL	4.30	353	eP	21 38.00	1.2
	S.D. = 0.9		on 12 of 14 obs.		

• DEC 16, 1985 09h 27m 16.71± 0.82s
31.312 S ± 8.1km 68.301 W ±11.6km
DEPTH = 118.1 ± 17.6 km
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.30	170	iPc	27 33.40	-0.6
			S	27 45.50	
VCA	2.56	2	ePc	27 58.70	0.7
			S	28 29.10	
FCH	2.62	219	eP	28 00.50	1.6
			e(S)	28 33.50	
BACH	2.75	222	eP	28 01.50	1.1
			i	28 35.00	
ROCH	2.83	234	iPd	28 01.00	-0.6
			i	28 31.70	
			i	28 34.50	
PCH	2.97	219	eP	28 04.00	0.7
			i	28 35.00	
			i	28 41.00	
TACH	3.23	223	eP	28 06.00	-0.7
			iS	28 44.20	
CHCH	3.28	217	eP	28 08.00	0.5
			i	28 47.00	
RFA	3.45	182	ePd	28 09.70	-0.1
			(S)	29 49.50	
LNV	3.72	224	iP	28 11.00	-2.3
SLA	7.01	21	e(P)	28 58.00	-0.4
VBA	8.50	144	ePd	29 18.60	0.1
	S.D. = 1.2		on 12 of 12 obs.		

DEC 16, 1985 11h 07m 50.14± 0.50s
50.226 N ± 4.9km 12.443 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.5 (GRF).

HOF	0.37	284	iPgd	07 57.80	-0.2
MOX	0.68	309	ePg	08 03.50	-0.1
			eSg	08 12.00	
GRF	0.95	236	ePg	08 08.60	0.3
			eSg	08 20.50	
			eLg	08 23.30	
WET	1.12	165	iPgd	08 11.30	0.2
CLL	1.14	18	iPg	08 11.50	0.0
			iSg	08 26.70	
			iSg	08 38.80	
BRG	1.16	55	iPg	08 12.00	0.2
			i	08 14.70	
			i	08 23.50	
			iSg	08 27.50	
KHC	1.32	146	iPg	08 14.20	-0.4
			Sg	08 31.40	
PRU	1.37	99	ePn	08 15.20	-0.1
			Pg	08 15.70	
			e	08 18.20	
			Sg	08 33.50	
	S.D. = 0.3		on 8 of 8 obs.		

DEC 16, 1985 11h 13m 50.16± 0.43s
3.667 N ± 7.2km 126.609 E ± 9.9km
DEPTH = 33.0km (normal)
4.9mb (10 obs.)
TALAUD ISLANDS (263)

PCI	8.15	236	iP	15 50.40	1.2
			iS	17 25.00	
KNA	19.41	174	eP	18 16.00	-0.7
WRA	24.66	162	Pd	19 09.10	-0.3
	0.5s		12.20nm		4.7mb
W82	24.67	162	eP	19 08.30	-1.1
IPM	25.53	273	ePd	19 21.00	3.3X
PPI	26.51	262	e(P)	19 22.00	-4.8X
			e	22 00.00	
PSI	27.66	269	eP	19 42.00	4.8X
			e	21 56.00	
LOE	27.96	301	eP	19 40.00	0.1
ASPA	28.08	166	eP	19 41.00	0.0
WBN	29.63	180	eP	19 55.00	0.1
CTA	30.49	141	eP	20 06.00	3.4X
CHG	30.95	301	iPd	20 08.00	1.3
	0.8s		10.82nm		4.7mb
MEK	31.10	194	eP	20 08.00	0.1
SHL	39.82	307	iP	21 22.50	0.0
YOU	42.96	153	eP	21 52.80	4.9X
CAN	44.11	153	eP	22 11.60	14.3X
WAM	44.79	154	eP	22 04.10	1.4
PKI	45.91	305	eP	22 11.80	-0.3
	0.5s		6.00nm		4.8mb
KKN	46.10	306	eP	22 19.00	5.5X
	0.4s		14.00nm		5.3mb
DMN	46.17	305	eP	22 14.20	0.1
	0.6s		8.00nm		4.8mb
HYB	49.02	290	eP	22 36.80	0.5
GBA	49.52	285	P	22 39.80	-0.2
NDI	53.05	303	eP	23 04.50	-2.2
	0.6s		13.33nm		5.1mb
POO	53.62	290	eP	23 10.00	-1.0
MSZ	60.63	147	eP	24 00.00	-0.2
COL	84.83	25	eP	26 24.00	1.6
INK	90.26	21	eP	26 49.00	0.4
SOD	90.48	338	eP	26 51.00	1.4
KJF	90.60	334	eP	26 51.00	0.8
	0.6s		15.60nm		5.5mb
SUF	91.55	333	eP	26 53.00	-1.6
SPA	93.64	180	eP	27 08.40	4.0X
	1.0s		2.50nm		4.6mb
SLL	98.06	333	eP	27 24.10	-0.4
	0.5s		3.46nm		5.1mb
NB2	98.79	334	PKP	27 26 70	-1.1
	0.9s		1.90nm		4.6mb
	S.D. = 1.0		on 25 of 33 obs.		

• DEC 16, 1985 12h 12m 49.24± 0.82s
14.155 S ±11.3km 166.245 E ±15.8km
DEPTH = 33.0km (normal)
4.8mb (2 obs.)
VANUATU ISLANDS (186)

HNR	7.75	307	eP	14 42.00	-0.6
			e(S)	16 10.00	
DZM	7.88	179	iPc	14 43.00	-1.5
			iS	16 09.00	
SVO	8.02	308	eP	14 47.00	0.5
VSG	8.04	307	eP	14 46.80	0.1
			eS	14 52.10	
NOU	8.11	179	iPc	14 47.00	-0.7
			iS	16 11.00	
PMG	19.27	282	e(P)	17 10.00	-4.1X
CTA	19.99	250	eP	17 22.00	0.1
KRP	25.07	162	eP	18 14.60	2.4
			e	19 23.20	
W82	31.00	255	eP	19 20.80	14.7X
SPA	75.94	180	eP	24 35.50	1.1
	0.7s		3.13nm		4.4mb
COL	86.11	18	eP	25 27.00	-0.8
	0.8s		14.93nm		5.3mb
SOB1	144.45	129	e(PKP)	32 23.00	-1.9
SOB1	144.45	129	ePKP	32 33.00	8.1X
ITR	146.57	132	ePKP	32 28.30	-0.1
BNG	146.74	256	iPKPd	32 30.10	1.4
	0.8s		21.00nm		
			i	32 48.10	
	S.D. = 1.3		on 12 of 15 obs.		

DEC 16, 1985 13h 02m 16.28± 0.58s
35.934 N ± 5.4km 139.763 E ± 6.7km
DEPTH = 33.0km (normal)
NEAR S. COAST OF HONSHU, JAPAN (230)
Felt (II JMA) at Utsunomiyo and (I JMA) at Yokohama and Tokyo.

TOK	0.25	181	iPd	02 24.90	1.5
			S	02 32.50	
KMG	0.37	305	iPc	02 25.80	0.8
			iS	02 33.90	
TSK	0.39	45	iPd	02 25.20	-0.1
DDR	0.47	278	iPc	02 26.40	-0.1
YOK	0.50	190	eP	02 27.00	0.1
			iS	02 38.70	
SRY	0.51	231	iPd	02 27.00	-0.1
UTS	0.61	8	iPd	02 28.40	-0.1
			iS	02 37.80	
OYM	0.66	220	eP	02 28.70	-0.6
KYS	0.80	157	iPd	02 30.30	-0.8
MAT	1.40	296	eP	02 39.00	-0.7
			eS	02 57.00	
	S.D. = 0.8		on 10 of 10 obs.		

DEC 16, 1985 13h 11m 02.41± 0.51s
50.217 N ± 4.9km 12.432 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.6 (FUR).

HOF	0.37	285	iPgd	11 09.90	-0.1
MOX	0.68	310	ePg	11 15.50	-0.3
			iSg	11 24.00	
GRF	0.94	237	ePg	11 20.80	0.4
			eSg	11 33.10	
			eLg	11 35.30	
WET	1.11	165	iPgd	11 23.40	0.1
CLL	1.15	18	iPg	11 24.10	0.2
			iSg	11 39.60	
BRG	1.17	55	Pg	11 24.40	0.2
			Sg	11 26.80	
KHC	1.32	145	iPg	11 26.40	-0.4
			iSg	11 43.90	
PRU	1.38	99	Pg	11 27.60	0.0
			Sg	11 44.70	
FUR	2.19	201	iPgc	11 45.80	6.4X
VOY	4.30	166	eP	13 06.20	56.7X

16d 13h

		eSn	13 34.40		
		eSg	13 46.20		
S.D. = 0.3		on	8 of 10 obs.		
DEC 16, 1985 13h 21m 38.68± 0.60s					
42.313 N ± 6.2km		19.949 E ± 5.0km			
DEPTH = 10.0km (geophysicist)					
YUGOSLAVIA					(383)
DUR 2.6 (TTG).					
PVY	0.28 4	iPgc	21 44.50	-0.2	
		eSg	21 50.20		
TTG	0.52 283	iPg	21 48.50	-0.8	
		eSg	21 59.00		
IVA	0.56 356	ePg	21 50.00	-0.1	
		eSg	21 59.50		
ULC	0.63 236	ePg	21 51.20	-0.1	
		eSg	22 00.50		
BDV	0.83 268	ePg	21 55.00	0.2	
		eSg	22 09.50		
NKY	0.86 306	ePg	21 55.50	0.1	
		eSg	22 09.00		
HCY	1.08 278	ePg	21 59.50	0.5	
		eSg	22 17.50		
SKO	1.16 107	iPn	21 59.00	-1.4	
BRY	1.19 300	ePg	22 01.20	0.2	
		eSg	22 20.50		
OHR	1.36 152	iPn	22 02.80	-0.9	
VAY	2.20 116	ePn	22 18.00	2.3	
S.D = 1.1		on	11 of 11 obs.		
• DEC 16, 1985 13h 31m 16.70± 0.97s					
50.249 N ± 8.6km		12.407 E ± 8.5km			
DEPTH = 10.0km (geophysicist)					
GERMANY					(543)
MOX	0.64 308	ePg	31 29.50	-0.1	
		eSg	31 38.50		
CLL	1.13 19	ePg	31 38.00	0.2	
		iSg	31 53.90		
BRG	1.16 57	iPg	31 38.40	0.0	
		eSg	31 53.40		
KHC	1.35 145	ePg	31 41.80	0.2	
		Sg	31 58.40		
PRU	1.40 100	ePg	31 42.00	-0.2	
		eSg	31 59.50		
S.D. = 0.3		on	5 of 5 obs.		
DEC 16, 1985 14h 06m 03.08± 0.45s					
50.183 N ± 5.0km		12.386 E ± 4.0km			
DEPTH = 10.0km (geophysicist)					
GERMANY					(543)
ML 4.5 (VKA), 4.2 (KBA), 4.1 (FUR), 3.5 (GRF). Felt (V) at Selb and (III) at Morktredwitz.					
HOF	0.35 292	iPgd	06 10.90	0.6	
MOX	0.68 314	iPg	06 16.50	0.0	
		iSg	06 25.50		
GRF	0.90 237	iPgc	06 21.70	1.4	
		eSg	06 34.30		
		eLg	06 36.30		
WET	1.09 163	iPgd	06 24.20	0.7	
CLL	1.20 19	Pg	06 24.70	-0.6	
		Sg	06 39.80		
BRG	1.21 55	iPgc	06 24.90	-0.7	
		eSg	06 39.50		
KHC	1.31 143	iPg	06 27.30	0.0	
		e	06 29.80		
		iSg	06 44.30		
PRU	1.40 97	iPn	06 28.00	-0.7	
		Pg	06 28.70		
		iSg	06 45.90		
FUR	2.15 200	iPnc	06 44.00	4.6X	
		iPgd	06 47.20		
STU	2.51 237	iPnc	06 51.00	6.4X	
0.5s	112.68nm				
TNS	2.53 272	ePn	06 47.10	2.2	
		ePb	06 52.30		
		iSg	07 24.70		
KSP	2.58 74	ePn	06 45.50	-0.1	
0.5s	103.00nm				
		iPg	06 50.60		
		iS	07 22.00		
GAP	2.85 198	iPgd	06 58.90	9.5X	
KBA	3.17 168	iPnc	06 54.30	0.2	
		ic	06 55.00		
		iSn	07 30.80		
		iSg	07 45.70		
SCE	3.18 188	ePn	06 54.00	-0.2	
VKA	3.21 125	iPnd	06 54.70	0.1	
		iPg	07 04.30		
		iSn	07 33.80		
		iSg	07 46.90		
BGG	3.24 272	iPn	06 54.80	-0.2	
		iPg	07 06.60		
		eSg	07 46.70		
GWF	3.33 251	ePg	07 05.80	9.6X	
		eSg	07 50.00		
ZST	3.68 121	e(Pn)	07 03.60	2.4	
		e	07 11.50		
		e(Sn)	07 41.00		
		i(Sb)	07 48.10		
		i(Sg)	07 57.10		
CDF	3.78 244	Pn	07 02.10	-0.7	
0.7s	176.00nm				
		Pg	07 14.50		
		Sg	08 03.30		
WTS	3.96 299	ePn	07 19.50	14.5X	
		eSn	07 59.00		
		eSg	08 13.00		
WLF	4.06 265	eP	08 13.70	67.2X	
		e	19 06.90		
MEM	4.10 278	Pn	07 09.00	1.9	
		Sb	08 13.70		
		e	19 04.20		
ENN	4.17 281	ePg	07 24.00	15.9X	
		eSg	08 15.50		
MOF	4.17 238	ePg	07 23.60	15.4X	
		eSg	08 17.40		
VOY	4.27 166	ePn	07 09.40	-0.4	
		iPg	07 26.60		
		eSn	08 02.20		
		e(Sg)	08 17.10		
BSF	4.37 240	Pg	07 24.90	13.8X	
0.9s	269.00nm				
		Sn	07 58.30		
		Sg	08 21.10		
LJU	4.38 160	e(Pb)	07 21.50	10.3X	
1.0s	230.00nm				
		ePg	07 27.00		
		eSn	08 03.80		
		eSg	08 23.00		
ROF	4.40 237	ePg	07 26.40	15.0X	
HAU	4.53 244	Pn	07 12.10	-1.1	
0.5s	117.00nm				
		Pg	07 29.20		
		Sg	08 27.20		
TRI	4.57 168	e(Pn)	07 13.50	-0.3	
		i(Sn)	08 05.10		
		i	08 34.50		
CEY	4.65 162	e(Pn)	07 24.40	9.3X	
		i(Pg)	07 32.50		
		eSg	08 15.70		
DOU	5.01 272	Pn	07 24.40	4.4X	
		Pb	07 34.80		
		e	08 35.00		
		e	19 27.10		
LPG	6.03 221	Pn	07 34.10	-0.6	
0.9s	52.00nm			5.3mb X	
		Pg	07 57.60		
		Sn	08 37.60		
		Sg	09 14.60		
LOR	6.35 246	Pn	07 37.10	-1.9	
0.7s	62.00nm			5.6mb X	
		Pg	08 03.20		
		Sg	09 25.30		
LBF	6.43 243	Pn	07 38.30	-1.8	
0.8s	70.00nm			5.6mb X	
		Pg	08 06.10		
		Sg	09 26.10		
SSF	6.66 245	Pg	08 09.60	26.2X	
0.8s	48.00nm				
		Sg	09 34.60		
SMF	6.70 241	Pg	08 09.30	25.4X	
0.7s	75.00nm				
		Sg	09 33.40		
GRC	6.80 248	iPgd	08 12.70	27.4X	
		iSg	09 37.90		
AVF	6.90 244	Pg	08 14.90	28.3X	
0.9s	51.00nm				
		Sg	09 43.50		
BGF	7.31 244	Pg	08 19.80	27.3X	
0.6s	61.00nm				
		Sg	09 53.40		
MZF	7.66 243	Pg	08 27.60	30.3X	
1.0s	64.00nm				
		Sg	10 06.20		
MLR	10.25 112	iPc	09 05.00	31.7X	
S.D. = 1.2		on	23 of 43 obs.		
DEC 16, 1985 14h 16m 53.90± 0.48s					
50.217 N ± 4.8km		12.441 E ± 4.7km			
DEPTH = 10.0km (geophysicist)					
GERMANY					(543)
ML 3.9 (VKA), 3.7 (KBA), 3.6 (FUR), 3.3 (GRF).					
MOX	0.68 309	iPg	17 07.50	0.1	
		iSg	17 17.00		
GRF	0.95 237	iPgc	17 12.70	0.8	
		eSg	17 25.00		
		eLg	17 27.50		
CLL	1.15 18	Pg	17 15.50	0.1	
		Sg	17 30.80		
BRG	1.16 55	iPgc	17 15.90	0.3	
		iSg	17 31.00		
KHC	1.31 145	Pg	17 18.20	0.0	
		Sg	17 35.20		
PRU	1.37 99	iPg	17 19.50	0.5	
		Sg	17 36.50		
FUR	2.19 201	iPgc	17 37.80	6.9X	
BHG	2.51 173	iPgc	17 42.30	6.8X	
KSP	2.54 74	ePn	17 35.00	-0.8	
		iPg	17 39.00		
TNS	2.56 272	ePb	17 44.30	8.1X	
		eSg	18 14.70		
KBA	3.20 169	iPnc	17 45.80	0.5	
		iSg	18 36.80		
VKA	3.20 126	i(Pg)	17 53.70	8.4X	
		iSg	18 36.90		
SCE	3.22 189	ePn	17 45.10	-0.5	
GWF	3.37 250	ePg	17 58.40	10.7X	
ZST	3.66 122	eP	18 02.70	10.9X	
		e	18 37.20		
		i(Sg)	18 49.60		
CDF	3.83 244	Pn	17 53.50	-0.8	
0.5s	61.00nm				
		Pg	18 05.60		
		Sg	18 54.80		
S.D. = 0.6		on	10 of 16 obs.		
• DEC 16, 1985 14h 27m 40.14± 0.81s					
50.251 N ± 9.3km		12.340 E ± 6.9km			
DEPTH = 10.0km (geophysicist)					
GERMANY					(543)
MOX	0.61 311	ePg	27 53.00	0.6	
		eSg	28 02.00		
GRFO	0.92 233	e(P)	27 57.00	-0.7	
BRG	1.20 58	iPg	28 01.80	-0.7	
		iSg	28 16.90		
KHC	1.38 144	ePg	28 06.00	0.6	
		Sg	28 22.00		
PRU	1.44 100	Pg	28 06.50	0.2	
		Sg	28 23.60		
S.D. = 0.9		on	5 of 5 obs.		
DEC 16, 1985 14h 33m 14.28± 0.73s					
44.621 N ± 5.4km		111.099 W ± 9.9km			
DEPTH = 5.0km (geophysicist)					
HEBGEN LAKE REGION					(458)
ML 2.6 (NEIS).					
IMW	0.73 171	eP	33 27.90	-1.1	
CCMT	1.30 284	eP	33 40.30	1.4	
LCCM	1.34 336	eP	33 39.50	0.0	
TMI	1.44 205	eP	33 40.60	-0.7	
SXM	1.53 357	ePn	33 42.60	0.1	
LRM	1.54 322	ePn	33 42.30	-0.3	
HPI	1.70 238	eP	33 45.50	0.5	
BUT	1.73 324	ePg	33 47.90	2.5X	
		eSn	34 08.90		
BDW	2.15 148	eP	33 53.00	1.5	
HRY	2.15 346	ePn	33 51.50	0.1	
NEW	5.53 313	eP	34 38.00	-1.3	
S.D. = 1.1		on	10 of 11 obs.		
DEC 16, 1985 14h 42m 44.41± 0.45s					
21.447 S ± 3.8km		67.700 W ± 5.8km			
DEPTH = 171.2 ± 5.1 km					

5.2mb (8 obs.)
CHILE-BOLIVIA BORDER REGION (124)

TPZ	1.85	91	iPd	43	22.70	2.7
ANT	3.37	228	iPc+	43	36.80	-1.0
SLA	3.85	149	iPd	43	46.10	2.1
			S	44	29.00	
CCH	4.30	20	P	43	49.90	-0.2
CNCB	4.62	357	iP	43	55.00	0.5
FSA	4.87	162	iPc	43	59.20	2.1
LPB	4.90	356	iPc	43	58.00	-0.1
			S	44	53.00	
ZOBO	5.17	355	iPd	44	01.00	-0.7
Z	18s		1.11um			
			IS	45	00.00	
			LR	45	40.00	
ARE	6.12	323	iPc	44	09.40	-4.6X
			IS	45	15.00	
VCA	7.28	183	ePc	44	28.00	-1.3
			S	45	52.60	
RTLL	9.87	184	iPd	45	01.00	-2.3
ROCH	11.85	194	eP	45	29.00	-0.3
PEL	11.95	192	iPd	45	31.00	0.6
FCH	12.05	190	eP	45	34.00	1.9
BACH	12.11	191	eP	45	30.50	-2.1
SAN	12.24	192	iP	45	34.50	0.3
PCH	12.38	191	eP	45	37.00	1.0
TACH	12.49	193	eP	45	36.50	-0.9
ITB1	12.66	107	eP	45	42.90	3.3X
ITB	12.85	108	eP	45	42.40	0.3
LNV	12.88	194	iPd	45	41.50	-0.9
RFA	13.29	183	ePd	45	45.20	-2.4
VBA	17.27	165	ePd	46	33.60	-3.2X
VAO	19.26	98	eP	46	56.70	-1.4
			i	46	58.20	
			e	47	13.00	
			e	47	34.80	
BAO	19.55	76	iPd	47	00.10	-1.2
			i	47	39.30	
ITA	21.36	97	eP	47	19.80	0.3
			e	47	21.10	
			e	47	23.90	
			i	47	35.10	
			e	47	50.80	
ATB	23.50	42	Pd	47	37.90	-2.1
OUR	23.64	332	e(P)	47	52.00	10.1X
PSO	24.39	336	eP	47	49.00	0.1
BOG	26.65	346	eP	48	09.50	-0.1
SOB1	28.51	69	eP	48	24.40	-1.7
			e	49	04.90	
			e	50	16.50	
			e	51	33.80	
ITR	30.88	70	eP	48	45.20	-1.7
JCT	60.14	328	iP	52	35.20	-1.0
	0.9s	50.42nm			5.4mb	
BHO	61.24	334	eP	52	42.20	-1.2
RLO	62.86	335	eP	52	53.00	-1.2
TUL	62.94	335	iPc	52	53.60	-1.1
	1.2s	102.60nm			5.6mb	
SIO	63.01	334	iPc	52	53.70	-1.4
OZO	63.57	331	iP	52	55.00	-3.9X
MNT	66.84	355	eP	53	29.50	9.9X
ALQ	67.07	326	eP	53	21.00	-0.5
	1.0s	22.50nm			4.9mb	
KIC	67.61	73	eP	53	24.00	-1.0
SPA	68.68	180	iPc	53	32.60	1.5
	0.6s	3.25nm			4.3mb	
BAR	71.31	318	eP	53	48.00	0.7
PLM	71.88	318	eP	53	52.00	1.2
TPC	71.89	319	eP	53	51.00	0.3
LHC	72.18	345	eP	53	50.50	-1.5
GSC	73.16	320	eP	53	59.00	0.9
ISA	74.41	319	eP	54	06.00	0.6
SYP	74.60	317	eP	54	07.00	0.4
EUR	75.54	323	iP	54	12.80	0.9
	0.2s	19.54nm			5.5mb	
FRI	76.03	319	e(P)	54	14.00	-0.4
MNA	76.07	321	iP	54	15.20	0.4
PRI	76.07	318	ePd	54	15.30	0.5
LLA	76.55	318	eP	54	17.60	0.3
PRS	76.63	318	eP	54	18.20	0.4
JAS1	77.07	320	eP	54	20.40	0.2
MHC	77.44	319	eP	54	23.00	0.6
GCC	77.46	318	eP	54	22.90	0.6
PCC	78.00	318	eP	54	25.50	0.3
ORV	78.77	321	ePd	54	30.00	0.6
MIN	79.34	321	ePd	54	31.90	-0.8
WDC	80.03	321	iPd	54	35.10	-1.1
IFR	80.87	49	iP	54	42.00	1.1
FHC	81.03	320	eP	54	42.40	1.0
FFC	81.35	341	iPc	54	42.70	0.0
	1.0s	19.00nm			4.8mb	
PNT	84.19	329	iP	54	58.00	0.6
	0.6s	12.00nm			4.9mb	
EDM	84.20	334	iP	54	57.00	-0.4
TOL	85.07	44	eP	55	03.00	1.0
			e	55	46.00	
PGC	85.66	327	eP	55	06.00	1.4
YKC	91.46	340	ePd	55	31.50	-0.3
	0.8s	40.00nm			5.6mb	
YKA	91.51	340	eP	55	32.50	0.5
INK	101.28	340	ePdiff	56	16.00	-0.3
WB2	133.55	209	ePKP	01	43.60	0.9
WRA	133.56	209	PKPc	01	41.80	-0.9
	0.7s	4.60nm				
KOD	144.77	103	ePKP	02	04.00	0.5
GBA	145.91	97	PKP	02	06.10	1.1
HYB	147.96	91	ePKP	02	09.50	1.2
	1.2s	28.60nm				
AAI	150.57	214	ePKP	02	18.50	6.1X
MAT	152.91	309	ePKP	02	23.00	7.8X
BJI	161.17	351	ePKP	02	27.00	1.9
S.D. = 1.2 on 72 of 80 obs.						

DEC 16, 1985 14h 53m 52.64± 0.89s
44.612 N ± 4.7km 110.986 W ±12.2km
DEPTH = 5.0km (geophysicist)
YELLOWSTONE NATIONAL PARK, WYO. (459)
ML 2.7 (NEIS).

IMW	0.72	177	iPc	54	07.20	0.2
CCMT	1.38	283	eP	54	19.10	0.4
LCCM	1.38	333	eP	54	18.00	-0.7
TMI	1.47	208	eP	54	19.50	-0.5
SXM	1.55	354	ePn	54	21.50	0.4
LRM	1.59	320	iPnd	54	21.80	0.0
HPI	1.77	240	eP	54	24.50	0.2
BUT	1.79	322	ePg	54	26.00	1.4X
			eSn	54	47.50	
HRY	2.18	345	ePn	54	30.20	0.0
S.D. = 0.5 on 8 of 9 obs.						

DEC 16, 1985 15h 04m 39.35± 0.50s
50.220 N ± 4.8km 12.446 E ± 4.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.8 (FUR), 2.6 (GRF).

HOF	0.38	285	iPgd	04	46.80	-0.3
MOX	0.68	309	ePg	04	53.00	0.1
			iSg	05	02.00	
GRF	0.95	237	iPg	04	57.70	0.2
			eSg	05	10.00	
			eLg	05	12.20	
WET	1.11	165	iPgd	05	00.30	0.1
CLL	1.15	18	iPg	05	00.80	0.0
			iSg	05	16.40	
BRG	1.16	55	iPgc	05	01.10	0.1
			iSg	05	16.00	
KHC	1.31	146	iPg	05	03.50	-0.2
			iSg	05	19.90	
PRU	1.37	99	Pg	05	04.40	0.0
			Sg	05	21.90	
FUR	2.19	201	iPg	05	23.00	6.6X
KBA	3.20	169	iP	06	15.80	45.0X
	0.6s	11.00nm				
			i(Sg)	06	23.20	
			i	06	26.20	
S.D. = 0.2 on 8 of 10 obs.						

DEC 16, 1985 15h 16m 54.46± 0.66s
50.227 N ± 6.4km 12.451 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.0 (GRF).

MOX	0.68	308	ePg	17	07.70	-0.2
			iSg	17	16.00	
GRF	0.96	236	ePg	17	13.00	0.3
			eSg	17	25.30	
CLL	1.14	18	iPg	17	15.70	-0.1
			iSg	17	30.80	
BRG	1.15	55	iPgc	17	16.20	0.2
			iSg	17	31.20	
KHC	1.32	146	Pg	17	18.50	-0.4
			Sg	17	35.50	
PRU	1.37	99	Pg	17	19.70	0.2
			eSg	17	37.00	
			i	17	37.80	
S.D. = 0.3 on 6 of 6 obs.						

DEC 16, 1985 15h 25m 49.65± 0.66s
50.221 N ± 6.4km 12.453 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.2 (GRF).

MOX	0.68	309	ePg	26	03.00	-0.2
			iSg	26	12.00	
GRF	0.96	237	iPg	26	08.10	0.2
			eSg	26	20.40	
			eLg	26	23.00	
CLL	1.15	18	iPg	26	11.10	0.0
			iSg	26	26.20	
BRG	1.16	55	iPgc	26	11.20	0.0
			eSg	27	04.00	
KHC	1.31	146	Pg	26	13.60	-0.4
			Sg	26	31.20	
PRU	1.36	99	Pg	26	15.00	0.3
			Sg	26	32.10	
S.D. = 0.3 on 6 of 6 obs.						

• DEC 16, 1985 15h 56m 49.98± 0.53s
28.371 S ±13.0km 175.548 W ±10.4km
DEPTH = 33.0km (normal)
4.9mb (5 obs.)
KERMADEC ISLANDS REGION (177)

CRZ	11.73	236	eP	59	42.00	4.0X
KRP	12.10	216	eP	00	00.00	17.1X
MNG	14.27	209	P	00	10.80	-0.9
			S	02	40.00	
NOU	17.35	286	iPc	00	51.50	0.3
DZM	17.45	287	iPc	00	55.00	2.4
MSZ	20.94	215	eP	01	31.70	-0.5
			eS	05	12.00	
BRS	27.98	264	iP	02	39.50	-0.3
CTA	35.68	275	iPd	03	47.20	-0.1
	0.8s	6.34nm			4.6mb	
WB2	46.21	269	eP	05	11.70	-2.2
			i	05	29.00	
WRA	46.22	269	Pd	05	12.00	-1.9
	0.8s	7.00nm			4.7mb	
SPA	61.79	180	ePd	07	10.20	2.4
	1.0s	35.00nm			5.4mb	
SYP	81.68	43	eP	09	11.00	4.4X
PLM	82.84	46	eP	09	13.00	0.3
ISA	83.36	43	eP	09	15.00	-0.1
TPC	83.84	46	eP	09	10.00	-7.6X
CWC	84.11	43	eP	09	20.00	0.9
GSC	84.14	45	eP	09	13.00	-6.2X
IPM	86.38	277	ePd	09	31.00	0.3
PSI	87.33	274	eP	09	37.00	1.7
	1.2s	11.00nm			5.0mb	
			e	10	49.00	
EUR	87.36	42	iP	09	34.20	-1.0
	0.5s	3.99nm			4.9mb	
COL	95.45	12	eP	10	10.00	-1.9
SOB1	122.43	124	ePKP	15	43.70	-0.5
KJF	141.20	344	ePKP	16	06.00	-12.1X
SUF	142.83	344	iPKP	16	16.20	-4.8X
NUR	145.08	343	iPKP	16	22.80	-2.1
	0.9s	64.20nm				
NB2	147.02	354	PKP	16	28.30	0.1
	1.0s	25.50nm				
UPP	147.26	348	iPKP	16	29.10	0.6
HFS	147.62	351	ePKP	16	29.60	0.5
	0.9s	21.00nm				
BNG	152.68	212	iPKPc	16	39.10	0.9
	0.9s	23.00nm				
			i	16	46.80	
			i	16	58.20	
KIC	156.44	157	ePKP	16	49.70	6.4X
ZST	157.91	337	ePKP	16	45.00	0.9
			e	17	17.50	
S.D. = 1.4 on 23 of 31 obs.						

DEC 16, 1985 16h 56m 45.01± 0.31s
47.676 S ± 6.3km 136.547 E ± 6.3km
DEPTH = 10.0km (geophysicist)
5.4mb (21 obs.) 5.3Msz (1 obs.)

16d 16h

SOUTH OF AUSTRALIA (437)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 24C
Centroid Location:
Origin Time 16:56:51.9 0.4
Lat 47.70S 0.05 Lon 136.67E 0.06
Dep 10.0 FIX Half-duration 2.5
Moment Tensor; Scale 10**24 D-CM
Mrr= 0.07 0.10 Mtt= 1.76 0.13
Mff=-1.83 0.09 Mrt=-1.55 0.34
Mrf= 0.42 0.30 Mtf=-3.54 0.11
Principal Axes:
T Val= 4.48 Plg=19 Azm=210
N -0.42 69 51
P -4.06 7 303
Best Double Couple:Mo=4.3*10**24
NP1:Strike=348 Dip=71 Slip= 9
NP2: 255 81 161

BFD	11.39	25	eP	59	31.00	0.4
	0.4s	119.00nm			6.6mb	X
TOO	12.05	36	eP	59	40.00	0.4
	1.0s	429.00nm			6.7mb	X
WAM	14.67	43	eP	00	14.60	0.3
CAN	15.45	41	iPc	00	24.50	0.0
MCQ	15.61	124	eP	00	22.00	-4.4X
YOU	16.07	38	iPc	00	31.70	-0.8
STK	16.24	16	eP	00	35.00	0.3
	1.2s	565.00nm			5.6mb	
RKG	20.00	306	eP	01	16.50	-4.0X
	0.8s	96.00nm			5.2mb	
KLG	20.46	320	eP	01	26.00	0.7
COO	20.75	40	iPc	01	28.20	-0.1
	1.0s	250.00nm			5.5mb	
NWAO	20.75	308	eP	01	23.00	-5.3X
KLB	21.53	312	eP	01	36.30	0.1
	1.0s	270.00nm			5.6mb	
MSZ	21.85	94	P	01	38.10	-1.2
MUN	22.03	308	iPd	01	41.20	0.0
BAL	22.86	311	eP	01	50.00	0.6
WBN	22.89	336	eP	01	50.30	0.5
RMO	23.23	29	iPc	01	53.70	0.6
	1.2s	546.00nm			6.0mb	
BRS	23.90	38	P	02	00.00	0.4
			eS	06	24.00	
			e	09	06.00	
ASPA	24.05	354	eP	02	01.00	-0.1
	0.7s	61.00nm			5.3mb	
			eS	06	12.00	
MRWA	24.34	312	eP	02	04.50	0.6
	0.6s	50.00nm			5.3mb	
MEK	25.34	320	eP	02	13.00	-0.5
ISO	27.01	6	eP	02	28.00	-0.9
WB2	27.72	356	iPc	02	34.20	-1.2
			eS	09	27.80	
WRA	27.72	356	Pd	02	34.50	-0.9
	0.9s	61.40nm			5.4mb	
MNG	28.58	90	P	02	42.60	-0.4
CTA	28.63	19	iPc	02	42.80	-0.8
	0.8s	21.64nm			5.0mb	
			iS	07	33.00	
MBL	29.70	327	eP	02	52.20	-1.0
	0.9s	120.00nm			5.7mb	
NAU	30.22	319	eP	02	58.00	0.1
SBA	32.43	169	eP	03	12.90	-3.8X
			(S)	08	25.20	
			LR	12	37.20	
ALOA	39.04	22	eP	04	13.50	0.0
PMG	39.18	17	iPc	04	15.00	0.3
SPA	42.52	180	eP	04	29.00	-12.9X
	1.0s	67.26nm				
Z	20s	4.05um			5.3Msz	
PCI	48.80	338	eP	05	33.70	1.6
	1.0s	3.00nm			4.3mb	X
SYO	48.88	208	iP	05	28.10	-4.0X
PPI	56.53	315	eP	06	30.00	0.2
	0.7s	9.00nm			4.9mb	
			e	09	00.00	
PSI	59.98	315	iPd	06	53.50	-0.4
	1.0s	18.50nm			5.2mb	
			e	08	37.00	
IPM	60.67	318	ePd	06	57.10	-1.5
	1.0s	48.50nm			5.6mb	
NNT	68.37	321	eP	07	49.00	0.3
LOE	71.91	325	eP	08	09.00	-1.2
CHG	74.28	323	iPd	08	24.00	-0.1

	1.0s	22,50nm			5.2mb	
KOD	77.78	300	eP	08	44.00	-0.3
GYA	78.54	333	P	08	48.60	0.6
KMI	78.59	329	Pd	08	49.50	1.0
WHN	80.38	341	eP	08	57.70	0.0
GBA	80.50	302	P	08	58.00	-0.7
SEK	81.10	238	eP	09	03.00	1.0
	1.0s	15.00nm			5.0mb	
BPI	82.50	239	eP	09	07.50	-1.9
SLR	82.69	240	e(P)	09	08.00	-2.3
	1.0s	10.00nm			4.9mb	
HYB	82.95	305	iPd	09	11.00	-0.5
	1.0s	40.00nm			5.6mb	
SHL	83.24	320	iP	09	12.90	0.0
			eS	19	28.00	
KSR	83.39	239	eP	09	13.00	-1.0
CD2	83.60	332	P	09	14.90	0.4
MAT	83.85	1	(P)	09	09.00	-6.6X
	1.4s	23.26nm			5.2mb	
			eS	19	40.00	
XAN	85.04	337	Pd	09	21.70	0.1
TIA	85.30	344	eP	09	22.40	-0.5
BUL	86.74	244	eP	09	30.00	-0.7
MTD	87.46	248	iPc	09	33.60	-0.6
TIY	87.69	341	P	09	34.30	-0.4
PKI	87.88	316	eP	09	35.60	-0.5
	1.1s	68.00nm			5.9mb	
DMN	88.05	316	eP	09	36.40	-0.4
	1.0s	74.00nm			6.0mb	
KKN	88.12	316	eP	09	36.80	-0.3
LZH	88.37	334	Pd	09	39.00	0.9
	1.0s	92.00nm			6.0mb	
KRI	88.65	246	eP	09	39.90	0.0
BJI	89.19	344	eP	09	41.00	-0.6
CN2	91.62	352	Pd	09	51.80	-1.0
GTA	92.66	332	P	09	57.00	-0.9
NDI	92.81	311	eP	09	51.50	-7.2X
			eS	20	16.00	
ITR	123.64	186	ePKP	15	42.60	-2.0
INK	133.15	31	ePKP	16	04.00	2.9X
KJF	139.31	321	ePKP	16	12.00	-0.8
	0.8s	17.60nm				
SUF	139.70	318	ePKP	16	05.00	-8.5X
NUR	139.93	315	ePKP	16	08.00	-6.0X
KHC	142.88	294	PKPd	16	12.90	-6.8X
BRG	143.22	297	ePKP	16	16.00	-4.1X
	1.4s	21.00nm				
CLL	143.92	297	iPKPc	16	17.40	-3.9X
	1.3s	28.00nm				
GRF	144.51	294	ePKP	16	19.50	-2.9
MOX	144.56	296	ePKP	16	19.00	-3.5X
	1.7s	41.00nm				
FRF	145.21	282	ePKP	16	21.60	-2.2
	1.0s	36.00nm				
HFS	145.25	312	ePKP	16	19.80	-3.5X
	0.6s	10.30nm				
LRG	145.36	282	ePKP	16	22.30	-1.7
	1.0s	32.00nm				
CDR	145.84	282	ePKPc	16	22.70	-2.2
LPG	145.91	285	ePKP	16	23.80	-1.5
	1.0s	24.00nm				
NRA0	146.35	313	ePKP	16	25.40	0.3
NB2	146.52	314	PKP	16	24.20	-1.3
	1.0s	30.80nm				
CDF	146.58	291	ePKP	16	25.20	-0.8
BSF	146.70	289	ePKP	16	25.00	-1.3
HAU	147.04	289	ePKP	16	26.20	-0.5
	1.0s	28.00nm				
WTS	147.82	297	ePKP	16	28.50	0.8
	0.9s	12.00nm				
MEM	147.99	294	PKPc	16	29.20	1.2
IFR	148.00	258	iPKP	16	30.00	1.1
			i	16	32.00	
ENN	148.08	294	ePKPd	16	29.00	0.8
	0.9s	22.00nm				
SMF	148.21	286	ePKP	16	29.40	0.8
	0.8s	11.20nm				
LBF	148.24	287	ePKP	16	29.80	1.2
	1.0s	24.80nm				
LOR	148.41	287	ePKP	16	30.10	1.2
	1.0s	26.80nm				
SSF	148.57	287	ePKP	16	30.80	1.7
	0.9s	53.00nm				
AVF	148.58	286	ePKP	16	30.30	1.2
	0.9s	9.80nm				
DOU	148.74	293	PKPc	16	31.50	2.2
	0.9s	57.50nm				

CAF	148.78	282	ePKP	16	31.40	1.8
	0.8s	9.40nm				
BGF	148.83	285	ePKP	16	31.80	2.2
	1.0s	42.80nm				
MZF	148.89	285	ePKP	16	31.70	2.0
GRC	148.92	287	iPKPd	16	31.70	2.1
SNF	149.03	293	PKP	16	33.80	4.1X
TCF	149.16	285	ePKP	16	32.30	2.2
DAG	149.17	349	iPKPd	16	31.20	2.0
	1.1s	55.70nm				
EPF	149.19	278	ePKP	16	32.30	2.0
LPO	149.27	281	ePKP	16	32.70	2.4
	0.9s	14.40nm				
RJF	149.28	283	ePKP	16	32.60	2.3
	0.8s	11.80nm				
MAL	149.38	264	iPKPd	16	35.00	4.3X
LSF	149.59	284	ePKP	16	33.30	2.6X
LFF	149.66	281	ePKP	16	33.70	2.9X
TOL	150.76	269	ePKP	16	31.00	-1.7
MFF	150.80	284	ePKP	16	36.10	3.6X
	1.0s	20.00nm				
LDF	151.35	288	ePKP	16	37.20	3.9X
	0.7s	8.80nm				
FLN	151.62	288	ePKP	16	37.80	4.1X
	0.7s	11.90nm				
GRR	151.77	287	ePKP	16	38.20	4.3X
LPF	151.80	287	ePKP	16	38.20	4.3X
	0.8s	18.80nm				

S.D. = 1.2 on 91 of 116 obs.

DEC 16, 1985 16h 59m 59.74± 0.80s
44.634 N ± 6.0km 111.084 W ±10.4km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 2.7 (NEIS).

IMW	0.74	172	iPc	00	13.80	-0.8
CCMT	1.31	283	iPnd	00	25.70	1.2
TMI	1.46	205	eP	00	26.30	-0.7
SXM	1.52	357	ePn	00	28.00	0.2
LRM	1.53	321	ePn	00	28.50	0.5
HPI	1.72	238	eP	00	31.20	0.5
BUT	1.73	323	ePg	00	33.00	2.2X
			eSn	00	54.60	
			eSg	00	56.00	
HRY	2.14	346	ePn	00	36.50	-0.2
BDW	2.16	149	eP	00	38.30	1.2
NEW	5.53	313	eP	01	23.00	-1.8

S.D. = 1.1 on 9 of 10 obs.

DEC 16, 1985 17h 20m 36.70± 0.66s
50.233 N ± 6.3km 12.446 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.3 (GRF).

MOX	0.67	308	ePg	20	50.00	-0.1
			iSg	20	59.00	
GRF	0.96	236	iPg	20	55.10	0.1
			eSg	21	07.60	
			eLg	21	09.70	
CLL	1.13	18	iPg	20	57.80	-0.1
			iSg	21	13.20	
BRG	1.15	56	iPgc	20	58.30	0.1
			iSg	21	13.30	
KHC	1.33	146	Pg	21	00.90	-0.3
			Sg	21	18.50	
PRU	1.37	99	Pg	21	02.10	0.3
			e	21	04.60	
			Sg	21	19.50	

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

DEC 16, 1985 17h 37m 11.37± 0.37s
14.273 S ± 7.1km 166.157 E ± 9.3km
DEPTH = 33.0km (normal)
5.0mb (7 obs.)
VANUATU ISLANDS (186)

PVC	4.02	149	iPc	38	18.00	5.8X
HNR	7.75	308	eP	39	04.00	-0.8
DZM	7.78	178	iPc	39	03.90	-1.1
			iS	40	29.00	
NOU	8.00	178	iPc	39	07.50	-0.7
			iS	40	35.50	
SVO	8.03	309	eP	39	08.00	-0.7
BRS	18.06	222	P	41	24.00	2.5
PMG	19.21	282	eP	41	35.00	-0.6

CTA 19.87 250 iPd 41 42.80 0.0
1.2s 62.50nm 4.8mb
RMO 20.31 231 eP 41 48.00 0.6
KRP 24.99 162 P 42 24.70 -8.8X
MSZ 30.33 178 P 43 22.80 0.7
WB2 30.88 255 eP 43 31.00 3.7X
e 46 23.30
WRA 30.89 255 Pc 43 25.40 -2.0
0.7s 2.00nm 4.0mb
IPM 67.23 281 ePd 48 04.90 -0.3
1.1s 34.20nm 5.4mb
CN2 68.71 330 Pd 48 12.80 -1.0
BJI 71.24 322 eP 48 29.00 -0.3
XAN 72.59 313 eP 48 37.80 0.2
KMI 73.15 302 eP 48 41.50 0.2
CD2 74.88 308 eP 48 51.60 0.6
SPA 75.82 180 iPd 48 55.00 -0.9
1.0s 10.00nm 4.8mb
LZH 77.22 313 eP 49 05.50 1.3
GTA 81.58 314 P 49 26.50 -1.1
SHL 82.40 299 iP 49 33.50 1.3
COL 86.25 18 iP 49 50.10 -0.5
1.0s 32.50nm 5.5mb
PKI 88.53 299 eP 50 03.60 0.8
0.8s 5.00nm 4.9mb
KKN 88.71 299 eP 50 04.20 0.7
0.8s 9.00nm 5.1mb
YKA 97.64 27 eP 50 45.60 2.1
KJF 122.53 340 ePKP 56 05.00 0.5
SUF 124.03 339 iPKP 56 06.60 -0.9
LPG 144.34 335 ePKP 56 44.60 -1.7
SOB1 144.44 129 ePKP 56 44.40 -2.6
SMF 144.49 339 ePKP 56 44.20 -1.9
AVF 144.53 340 ePKP 56 44.20 -1.9
BGF 144.90 340 ePKP 56 45.80 -1.0
MZF 145.29 340 iPKPd 56 47.30 -0.2
TCF 145.35 340 iPKPd 56 47.30 -0.3
LSF 145.60 341 iPKPd 56 48.00 0.0
CVF 145.67 330 ePKP 56 48.20 -0.1
MFF 145.78 343 ePKP 56 48.40 0.1
FRF 145.94 333 ePKP 56 49.00 0.3
LMR 146.18 333 ePKP 56 49.60 0.6
RJF 146.45 340 ePKP 56 50.60 1.2
ITR 146.56 132 ePKP 56 50.20 -0.3
e 56 52.50
e 57 01.30
CAF 146.60 339 iPKPd 56 51.20 1.5
BNG 146.63 256 iPKPd 56 52.10 1.4
1.0s 103.00nm
i 57 07.10
LFF 147.02 341 ePKP 56 52.20 1.9
LPO 147.10 340 ePKP 56 52.60 2.1
CA 149.00 130 ePKP 56 58.20 3.8X
S.D. = 1.2 on 44 of 48 obs.

DEC 16, 1985 17h 44m 24.93± 0.74s
39.277 N ± 5.8km 27.739 E ±10.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM 0.95 203 iPg 44 43.20 0.1
iSg 44 56.50
EDC 1.07 5 iPn 44 45.60 0.5
KCT 1.08 26 iPn 44 46.40 1.1
EZN 1.22 297 iPn 44 47.90 0.2
CTT 1.94 16 ePn 44 57.00 -1.3
YER 2.18 169 ePn 45 01.80 0.0
GPA 2.22 62 ePn 45 06.00 3.6X
DMK 2.54 0 ePn 45 06.20 -0.7
S.D. = 1.0 on 7 of 8 obs.

DEC 16, 1985 18h 02m 43.64± 0.60s
39.228 N ± 5.4km 27.738 E ± 9.1km
DEPTH = 21.9 ± 7.3 km
TURKEY (366)

IZM 0.91 204 iPg 03 00.90 0.3
iSg 03 14.80
EDC 1.12 5 iPn 03 03.50 -0.5
KCT 1.13 25 ePn 03 04.40 0.3
EZN 1.24 299 iPn 03 05.90 0.1
CTT 1.99 15 ePn 03 17.00 0.5
YER 2.13 168 ePn 03 18.30 -0.4
GPA 2.25 61 ePn 03 20.40 0.1
DMK 2.59 0 iPn 03 24.70 -0.4
S.D. = 0.5 on 8 of 8 obs.

DEC 16, 1985 18h 55m 29.77± 0.47s
50.189 N ± 6.6km 12.380 E ± 4.4km
DEPTH = 23.7 ± 6.7 km
GERMANY (543)
ML 3.9 (VKA), 3.7 (KBA), 3.7 (FUR), 3.5 (GRF). Felt (IV) at Selb.

HOF 0.35 291 iPgd 55 36.70 -0.7
MOX 0.67 313 iPg 55 42.50 -0.2
iSg 55 51.50
GRF 0.90 237 iPgc 55 47.60 1.0
eSg 56 00.60
eLg 56 02.80
WET 1.09 163 iPgd 55 50.30 0.6
CLL 1.19 19 iPg 55 50.90 -0.1
iSg 56 04.80
BRG 1.21 55 e(P) 55 29.00 -22.3X
BRG 1.21 55 iPgc 55 50.90 -0.4
iSg 56 05.80
KHC 1.31 143 iPg 55 53.20 0.4
iSg 56 10.40
PRU 1.41 97 Pn 55 53.80 -0.2
iPg 55 54.70
Sg 56 12.20
FUR 2.15 200 iPgc 56 13.10 8.2X
BHG 2.49 172 iPgc 56 17.30 7.6X
STU 2.52 237 iPnc 56 17.00 7.0X
0.4s 76.27nm
TNS 2.53 272 ePb 56 17.40 7.2X
eSg 56 50.10
eSg 59 47.00
KSP 2.58 74 e(Pn) 56 11.50 0.5
0.3s 58.00nm
iPg 56 16.00
iS 56 43.30
GAP 2.85 198 ePg 56 25.30 10.5X
KBA 3.18 168 iPnd 56 20.60 1.0
iSn 56 56.30
iSg 57 10.80
SCE 3.18 188 ePn 56 20.00 0.3
VKA 3.22 125 iPn 56 20.70 0.7
iPg 56 30.30
i(Sn) 57 01.10
iSg 57 11.30
GWF 3.33 250 ePn 56 25.60 4.1X
ePg 56 32.00
eSg 57 16.80
CDF 3.78 244 Pn 56 28.70 0.6
0.3s 43.00nm
Pg 56 40.50
Sg 57 29.00
WTS 3.95 299 ePn 56 47.00 16.7X
eSg 57 35.50
WLF 4.06 265 Pn 56 33.40 1.6
MEM 4.10 278 Pn 56 40.90 8.5X
e 57 38.90
ENN 4.16 280 ePg 56 49.50 16.1X
eSg 57 40.70
VOY 4.28 166 ePn 56 51.50 16.4X
eSn 57 26.90
iSg 57 47.90
BSF 4.37 239 Pn 56 35.70 -0.7
0.3s 34.00nm
Pg 56 51.90
Sn 57 24.50
Sg 57 47.80
LJU 4.39 160 eP 56 52.80 16.2X
eSg 57 49.80
HAU 4.53 243 Pn 56 38.10 -0.5
0.3s 29.00nm
Pg 56 54.90
Sn 57 29.40
Sg 57 52.10
TRI 4.58 168 eP 56 55.50 16.2X
i 57 31.60
i 57 59.80
CEY 4.66 162 eP 56 38.50 -2.0
e 57 33.00
e(Sg) 57 57.70
DOU 5.01 272 Pn 56 47.00 1.7
e 57 04.00
LPG 6.03 221 Pn 56 58.20 -1.8
Pg 57 24.50
LOR 6.35 246 Pn 57 02.70 -1.6
0.3s 7.00nm 5.0mb X
Pg 57 28.80
Sg 58 51.50
LBF 6.43 243 Pg 57 30.50 25.1X
0.3s 8.00nm
Sg 58 52.30
SSF 6.66 245 Pg 57 35.40 26.8X
Sg 59 01.80
SMF 6.70 241 Pg 57 35.10 25.9X
0.4s 10.00nm
GRC 6.80 248 iPgc 57 35.80 25.2X
iSg 59 06.70
BGF 7.31 244 Pg 57 47.20 29.4X
0.4s 15.00nm
Sg 59 20.90
S.D. = 1.1 on 20 of 38 obs.

DEC 16, 1985 18h 58m 25.92± 0.51s
50.224 N ± 4.9km 12.430 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.8 (FUR), 2.5 (GRF).

HOF 0.37 284 iPgd 58 33.30 -0.2
MOX 0.67 309 iPg 58 39.00 -0.3
iSg 58 48.50
GRF 0.94 236 iPgc 58 44.40 0.5
eSg 58 57.10
eLg 58 59.20
WET 1.12 165 iPgd 58 46.90 0.0
CLL 1.15 18 Pg 58 47.50 0.1
Sg 59 02.40
BRG 1.17 55 iPgc 58 47.70 0.0
iSg 59 02.50
KHC 1.32 145 iPg 58 50.00 -0.4
Sg 59 08.00
PRU 1.38 99 Pg 58 51.40 0.2
Sg 59 08.50
FUR 2.20 201 iPgc 59 09.70 6.7X
S.D. = 0.3 on 8 of 9 obs.

DEC 16, 1985 19h 00m 57.39± 0.67s
50.226 N ± 6.4km 12.450 E ± 6.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.2 (GRF).

MOX 0.68 309 ePg 01 10.50 -0.4
eSg 01 19.50
GRF 0.96 237 iPgc 01 15.90 0.3
eSg 01 28.30
eLg 01 30.70
CLL 1.14 18 iPg 01 19.10 0.4
iSg 01 34.10
BRG 1.15 55 iPg 01 18.70 -0.3
iSg 01 33.50
KHC 1.32 146 Pg 01 21.50 -0.3
Sg 01 39.50
PRU 1.37 99 Pg 01 22.70 0.2
Sg 01 40.00
S.D. = 0.4 on 6 of 6 obs.

DEC 16, 1985 19h 24m 00.82± 0.65s
50.235 N ± 6.3km 12.434 E ± 5.8km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 1.8 (GRF).

MOX 0.67 309 ePg 24 14.00 -0.1
iSg 24 23.00
GRF 0.95 236 iPgc 24 19.00 0.0
eSg 24 31.40
eLg 24 33.70
CLL 1.14 18 Pg 24 22.20 0.1
Sg 24 37.70
BRG 1.16 56 iPgc 24 22.30 -0.1
iSg 24 37.00
KHC 1.33 146 Pg 24 25.40 0.0
Sg 24 42.10
PRU 1.38 100 ePg 24 26.10 0.0
Sg 24 43.50
S.D. = 0.1 on 6 of 6 obs.

? DEC 16, 1985 19h 59m 17.42± 8.99s
22.319 N ±70.8km 121.475 E ±36.2km
DEPTH = 33.0km (normal)
TAIWAN REGION (243)

TWM1 1.09 298 ePd 59 36.50 0.0

16d 19h

TWK	1.31	316	eP	59	39.50	-0.1
			eS	59	59.00	
TWD	1.76	4	eP	59	46.00	0.0
TWQ	2.03	343	iPc	59	50.40	0.4
			eS	00	18.50	
TWC	2.31	8	eP	59	54.20	0.4
TATO	2.64	0	e(P)	59	58.00	-0.6

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

DEC 16, 1985 20h 01m 09.90± 0.60s
50.248 N ± 6.6km 12.412 E ± 4.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.8 (FUR), 2.7 (GRF).

HOF	0.35	281	iPgd	01	17.40	0.3
MOX	0.65	308	ePg	01	23.00	0.1
			iSg	01	33.00	
GRF	0.95	235	ePn	01	27.50	-0.5
			ePg	01	29.10	
			eSg	01	42.20	
CLL	1.13	19	iPg	01	31.00	0.0
			iSg	01	46.70	
BRG	1.16	57	iPg	01	31.00	-0.6
			i	01	32.00	
			iSg	01	47.10	
KHC	1.35	145	Pg	01	34.80	0.0
			Sg	01	51.50	
PRU	1.40	100	Pg	01	36.00	0.6
			eSg	01	54.00	
FUR	2.21	200	iPg	01	54.40	7.2X

S.D. = 0.5 on 7 of 8 obs.

• DEC 16, 1985 20h 02m 36.11± 0.97s
50.237 N ± 8.1km 12.406 E ± 8.6km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.65	309	ePg	02	49.00	-0.1
			eSg	02	58.50	
CLL	1.14	19	Pg	02	57.60	0.2
			Sg	03	13.00	
BRG	1.17	56	iPg	02	57.70	-0.3
			iSg	03	12.90	
KHC	1.34	145	ePg	03	00.90	0.0
			Sg	03	18.50	
PRU	1.40	99	Pg	03	01.70	0.1
			Sg	03	19.50	

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

• DEC 16, 1985 20h 32m 38.70± 0.77s
50.231 N ± 7.8km 12.453 E ± 6.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 1.9 (GRF).

MOX	0.68	308	ePg	32	52.00	-0.1
			eSg	33	01.00	
GRF	0.96	236	ePg	32	57.20	0.2
			eSg	33	09.90	
			eLg	33	10.30	
GRFO	0.96	236	eP	32	57.00	0.0
BRG	1.15	55	iPg	33	00.30	0.1
			iSg	33	15.00	
KHC	1.32	146	Pg	33	03.00	-0.1
			Sg	33	20.90	

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

DEC 16, 1985 20h 53m 02.89± 0.58s
50.229 N ± 5.6km 12.431 E ± 5.3km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.8 (FUR), 2.5 (GRF).

HOF	0.37	284	iPgd	53	10.30	-0.1
MOX	0.67	309	ePg	53	16.00	-0.2
			iSg	53	25.00	
GRF	0.95	236	iPgc	53	21.30	0.3
			eSg	53	33.90	
			eLg	53	35.90	
WET	1.12	165	iPgd	53	24.00	0.0
CLL	1.14	18	iPg	53	24.30	0.1
			iSg	53	39.80	
KHC	1.33	145	iPg	53	27.00	-0.4
			iSg	53	44.80	
PRU	1.38	99	Pg	53	28.40	0.3
			Sg	53	45.40	
FUR	2.20	201	iPgc	53	46.70	6.7X

S.D. = 0.3 on 7 of 8 obs.

DEC 16, 1985 21h 10m 56.42± 0.50s
50.229 N ± 4.9km 12.441 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.5 (GRF).

HOF	0.37	283	iPgd	11	04.00	-0.1
MOX	0.67	309	ePg	11	09.50	-0.3
			iSg	11	18.50	
GRF	0.95	236	iPgc	11	14.90	0.3
			eSg	11	27.40	
			eLg	11	29.60	
WET	1.12	165	ePg	11	17.50	0.0
CLL	1.14	18	iPg	11	18.00	0.3
			iSg	11	33.50	
BRG	1.16	56	iPgc	11	17.90	-0.1
			eSg	11	33.30	
KHC	1.32	146	iPg	11	20.60	-0.3
			Sg	11	38.40	
PRU	1.37	99	Pg	11	21.80	0.2
			Sg	11	39.10	

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

DEC 16, 1985 21h 16m 17.21± 0.57s
50.183 N ± 6.4km 12.507 E ± 4.8km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 4.1 (VKA), 4.0 (FUR), 4.0 (KBA), 3.7 (BNS). Felt (IV) ot Selb.

HOF	0.42	288	iPgd	16	24.60	-1.3
MOX	0.73	309	iPg	16	30.50	-1.1
			iSg	16	39.50	
GRF	0.96	240	iPgc	16	35.60	0.0
			eSg	16	48.20	
			eLg	16	50.40	
WET	1.07	167	iPgd	16	38.10	0.8
BRG	1.15	52	iPgc	16	38.50	-0.2
			iSg	16	54.20	
CLL	1.17	15	iPg	16	38.60	-0.5
			iSg	16	53.70	
KHC	1.26	146	iPg	16	41.40	0.7
			Sg	16	58.40	
PRU	1.33	98	Pn	16	41.70	0.0
			iPg	16	42.50	
			Sg	17	00.00	
FUR	2.17	202	iPnc	16	57.90	3.9X
			iPgc	17	00.80	
BHG	2.48	174	iPgc	17	04.60	6.4X
STU	2.58	238	ePn	17	04.50	4.8X
	0.4s		118.64nm			
TNS	2.61	272	ePn	17	02.70	2.5
			ePb	17	06.00	
			iSg	17	38.10	
GAP	2.87	200	ePg	17	12.70	8.8X
VKA	3.15	126	iPnc	17	08.00	0.2
			iPg	17	18.10	
			iSn	17	47.00	
			iSg	17	59.70	
KBA	3.16	170	iPnc	17	08.70	0.6
			iSn	17	44.80	
			i(Sg)	17	59.80	
BGG	3.32	272	iPn	18	09.80	59.6X
			iPg	18	21.80	
			eSg	19	01.10	
GWF	3.40	251	ePn	17	10.40	-1.0
			ePg	17	20.00	
			eSg	18	04.00	
BNS	3.49	285	ePn	18	15.10	62.6X
			eSg	19	05.70	
ZST	3.61	122	e(Pn)	17	13.70	-0.6
			i(Sn)	17	51.40	
			i(Sb)	18	02.50	
			i(Sg)	18	12.20	
CDF	3.85	245	Pn	17	16.70	-1.2
	0.4s		80.00nm			
			Pg	17	28.40	
			Sg	18	18.70	
WTS	4.02	299	ePnc	17	35.00	14.9X
			eSg	18	24.50	
WLF	4.14	265	Pn	17	23.50	1.8
			e	39	01.00	
MEM	4.18	278	Pn	17	25.30	2.9X
			e	18	27.00	
			e	39	03.00	
ENN	4.25	280	iPn	17	25.30	2.0
			iPg	17	38.50	
			eSg	18	29.50	
VOY	4.26	167	ePn	17	39.00	15.4X
			eSn	18	14.90	
			eSg	18	30.20	
LJU	4.36	161	eP	17	36.00	11.0X
			e	17	40.60	
			eSg	18	38.00	
BSF	4.44	240	Pg	17	39.90	13.8X
	0.8s		161.00nm			
			Sn	18	12.70	
			Sg	18	35.60	
SRO	4.50	120	eP	18	19.50	52.6X
TRI	4.56	169	e(Pn)	17	27.30	-0.4
			i(Sn)	18	20.00	
			i	18	47.40	
HAU	4.60	244	Pn	17	26.00	-2.3
	0.4s		72.00nm			
			Pg	17	42.50	
			Sn	18	16.60	
			Sg	18	40.90	
CEY	4.63	163	ePn	17	46.00	17.1X
			eSg	18	45.40	
DOU	5.09	272	Pn	17	37.30	2.0
			e	39	27.60	
LPG	6.08	222	Pn	17	47.40	-2.1
			Pg	18	12.90	
LOR	6.42	246	Pn	17	50.00	-4.1X
	0.7s		44.00nm			5.5mb X
			Pg	18	17.00	
			Sg	19	39.10	
LBF	6.50	244	Pg	18	18.90	23.6X
	0.7s		36.00nm			
			Sg	19	39.70	
SSF	6.73	246	Pg	18	23.40	24.9X
	0.6s		25.00nm			
			Sg	19	48.20	
SMF	6.77	242	Pg	18	22.80	23.9X
	0.6s		28.00nm			
			Sg	19	50.60	
GRC	6.87	249	iPgc	18	29.40	29.0X
			iSg	19	55.70	
BGF	7.38	244	Pg	18	35.80	28.2X
	0.6s		48.00nm			
			Sg	20	08.10	
MZF	7.73	243	Pg	18	41.40	29.0X
			Sg	20	19.40	

S.D. = 1.4 on 20 of 40 obs.

• DEC 16, 1985 21h 31m 14.75± 0.98s
50.217 N ± 8.1km 12.417 E ± 8.7km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.67	310	ePg	31	28.00	-0.1
			iSg	31	37.50	
CLL	1.16	19	iPg	31	36.50	0.2
			eSg	31	52.00	
BRG	1.18	55	iPg	31	36.50	-0.2
			eSg	31	51.90	
KHC	1.32	145	ePg	31	39.20	0.0
			Sg	31	55.50	
PRU	1.39	99	Pg	31	40.20	0.1
			Sg	31	57.50	
			i	31	58.50	

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

DEC 16, 1985 21h 34m 31.63± 0.67s
50.218 N ± 6.4km 12.456 E ± 6.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 1.8 (GRF).

MOX	0.69	309	ePg	34	45.00	-0.3
			eSg	34	54.00	
GRF	0.96	237	ePg	34	50.10	0.3
			eSg	35	02.60	
			eLg	35	04.90	
CLL	1.15	17	iPg	34	53.20	0.1
			eSg	35	09.00	
BRG	1.18	55	iPg	34	53.10	-0.1
			iSg	35	08.00	
KHC	1.31	146	ePg	34	55.50	-0.4
			Sg	35	13.80	

PRU	1.36	99	ePg	34 57.00	0.4	
			eSg	35 15.00		
S.D. = 0.4			on	6 of 6 obs.		
DEC 16, 1985 21h 36m 49.46± 0.59s						
50.213 N ± 6.1km 12.463 E ± 4.8km						
DEPTH = 10.0km (geophysicist)						
GERMANY						(543)
ML 3.3 (GRF).						
HOF	0.39	285	iPgd	36 57.10	-0.3	
MOX	0.69	309	iPg	37 03.00	-0.2	
			iSg	37 12.00		
GRF	0.96	237	iPgc	37 08.20	0.5	
			eSg	37 20.70		
			eLg	37 22.90		
CLL	1.15	17	iPg	37 11.20	0.2	
			iSg	37 26.40		
BRG	1.15	54	iPgc	37 11.30	0.3	
			eSg	37 25.90		
KHC	1.30	146	iPg	37 13.50	-0.1	
			Sg	37 31.50		
PRU	1.36	99	ePn	37 14.00	-0.4	
			Pg	37 15.20		
			Sg	37 32.60		
FUR	2.19	201	iPgc	37 33.40	6.9X	
KSP	2.52	74	iPg	37 36.70	5.5X	
			iS	38 08.50		
STU	2.57	237	iPnc	37 37.50	5.7X	
0.7s	27.40nm					
TNS	2.58	272	ePb	37 39.20	7.2X	
			eSg	38 09.20		
CDF	3.84	244	Pg	38 01.30	11.3X	
0.5s	26.00nm					
			Sg	38 50.20		
WTS	3.98	299	e(Pn)	38 06.00	14.2X	
			eSg	39 06.50		
ENN	4.21	280	e(Pg)	38 10.00	14.9X	
			eSg	38 57.50		
VOY	4.29	167	e(P)	38 48.90	52.5X	
TRI	4.59	169	eP	38 52.90	52.4X	
			i	39 20.80		
S.D. = 0.4			on	7 of 16 obs.		
DEC 16, 1985 22h 10m 13.40± 0.65s						
50.230 N ± 6.3km 12.433 E ± 5.9km						
DEPTH = 10.0km (geophysicist)						
GERMANY						(543)
ML 1.7 (GRF).						
MOX	0.67	309	ePg	10 26.50	-0.2	
			eSg	10 35.50		
GRF	0.95	236	iPgc	10 31.60	0.1	
			eSg	10 43.90		
			eLg	10 46.20		
CLL	1.14	18	iPg	10 35.00	0.3	
			iSg	10 50.50		
BRG	1.16	56	iPg	10 35.00	-0.1	
			iSg	10 50.00		
KHC	1.33	145	ePg	10 38.00	0.1	
			Sg	10 55.00		
PRU	1.38	99	ePg	10 38.50	-0.1	
			eSg	10 56.00		
S.D. = 0.2			on	6 of 6 obs.		
DEC 16, 1985 22h 32m 23.61± 0.67s						
50.233 N ± 6.4km 12.433 E ± 6.0km						
DEPTH = 10.0km (geophysicist)						
GERMANY						(543)
ML 1.8 (GRF).						
MOX	0.67	309	ePg	32 36.50	-0.4	
			eSg	32 45.50		
GRF	0.95	236	ePg	32 42.00	0.3	
			eSg	32 54.40		
			eLg	32 56.90		
CLL	1.14	18	iPg	32 45.30	0.4	
			eSg	33 01.00		
BRG	1.16	56	iPgc	32 45.00	-0.3	
			iSg	33 00.10		
KHC	1.33	146	Pg	32 48.00	-0.2	
			Sg	33 05.50		
PRU	1.38	99	Pg	32 49.00	0.1	
			Sg	33 06.60		
S.D. = 0.4			on	6 of 6 obs.		
DEC 16, 1985 22h 51m 51.11± 0.91s						
35.668 N ± 5.8km 29.521 E ± 5.0km						
DEPTH = 30.9 ± 7.3 km						
4.2mb (20 obs.)						
EASTERN MEDITERRANEAN SEA						(371)
ELL	1.12	16	iPn	52 13.60	2.7	
YER	1.77	326	iPn	52 22.40	2.2	
BCK	1.99	25	iPn	52 17.90	-5.4X	
CSS	3.19	102	eP	52 40.50	0.1	
IZM	3.27	327	iPn	52 43.30	1.8	
GPA	4.66	7	ePn	53 01.00	-0.1	
KCT	4.67	349	iPn	53 02.10	0.9	
EDC	4.85	345	ePn	53 07.00	3.2X	
EZN	4.86	330	ePn	53 03.00	-1.0	
ATH	5.19	298	eP	53 10.00	1.3	
BHL	5.34	107	Pnc	53 08.50	-2.4	
			Sn	54 04.80		
ISK	5.40	356	ePn	53 08.00	-3.6	
CRI	5.46	121	eP	53 11.30	-1.2	
HRI	5.67	113	iPd	53 14.30	-1.2	
GVI	6.03	130	iP	53 19.30	-1.2	
			eS	54 22.70		
JER	6.12	128	e(P)	53 23.00	1.1	
			iS	54 25.50		
MOI	6.24	127	eP	53 22.30	-1.2	
DMK	6.30	348	ePn	53 23.70	-0.6	
NOH	6.74	136	iP	53 29.00	-1.6	
			eS	54 41.00		
DIM	7.07	335	eP	53 38.00	2.9X	
MMB	7.45	324	eP	53 39.00	-1.4	
VLS	7.58	292	eP	53 41.20	-1.1	
KZN	7.67	309	ePn	53 03.00	-40.6X	
KZN	7.67	309	eP	53 48.50	4.9X	
VAY	7.84	318	ePn	53 48.30	2.4	
PVL	8.19	337	eP	54 00.00	9.3X	
VTS	8.49	327	eP	54 00.00	5.2X	
OHR	8.74	311	ePn	54 01.80	3.4X	
SKO	8.91	317	iPn	54 10.00	9.3X	
MLR	10.18	346	eP	54 30.00	11.7X	
KER	14.47	90	eP	55 17.00	1.2	
KBA	16.62	318	eP	55 41.00	-2.4	
1.1s	12.30nm			3.9mb		
			i	55 46.80		
			i	55 53.60		
			i	56 14.20		
IR2	17.37	84	eP	55 54.00	1.1	
KHC	17.83	324	Pd	55 59.50	1.1	
			e	56 13.80		
PRU	17.99	327	eP	56 00.00	-0.3	
BRG	18.90	328	e(P)	56 19.00	7.5X	
FRF	19.27	301	eP	56 20.10	4.2X	
0.8s	6.40nm			3.9mb		
CLL	19.63	328	e(P)	56 27.00	7.1X	
1.4s	18.00nm			4.2mb		
			i	56 36.90		
MOX	19.79	325	eP	56 21.00	-0.6	
2.0s	49.00nm			4.5mb		
			e	56 29.00		
LPG	19.83	307	eP	56 21.40	-1.0	
0.8s	9.40nm			4.2mb		
CDR	19.91	301	eP	56 37.30	14.3X	
SMF	22.13	308	eP	56 44.00	-1.6	
0.8s	9.40nm			4.3mb		
LBF	22.17	309	eP	56 45.20	-0.8	
0.8s	5.30nm			4.0mb		
LOR	22.35	309	eP	56 47.60	-0.1	
SSF	22.49	308	eP	56 48.20	-1.0	
0.8s	8.00nm			4.2mb		
AVF	22.50	308	eP	56 47.50	-1.7	
BGF	22.75	307	eP	56 50.90	-0.8	
0.7s	5.50nm			4.2mb		
CAF	22.80	302	eP	56 52.20	-0.1	
0.7s	2.60nm			3.8mb		
MZF	22.81	306	eP	56 53.40	1.1	
0.8s	5.90nm			4.1mb		
GRC	22.85	309	iPd	56 52.10	-0.6	
TCF	23.08	306	eP	56 55.80	0.9	
0.9s	8.80nm			4.3mb		
RJF	23.27	303	eP	56 57.90	1.1	
1.0s	9.60nm			4.3mb		
LPO	23.35	301	eP	56 58.70	1.1	
LSF	23.52	305	eP	56 59.90	0.7	
EPF	23.65	297	eP	57 00.20	-0.4	
LFF	23.72	302	eP	57 02.20	1.1	
MFF	24.73	305	eP	57 09.40	-1.5	
NUR	25.06	354	iP	57 16.70	2.9	
0.7s	9.30nm			4.5mb		
LDF	25.32	310	eP	57 16.20	-0.3	
FLN	25.60	310	eP	57 18.80	-0.3	
GRR	25.72	309	eP	57 19.10	-1.1	
LPF	25.72	308	eP	57 18.90	-1.3	
HFS	26.54	342	eP	57 27.00	-0.6	
0.6s	3.10nm			4.1mb		
TOL	26.77	289	eP	57 30.00	0.6	
SUF	27.16	357	iP	57 31.50	-1.0	
NB2	27.95	341	P	57 39.20	-1.4	
0.8s	2.10nm			3.9mb		
KJF	28.58	358	eP	57 37.00	-9.1X	
SOD	31.79	358	eP	58 11.00	-3.6X	
BNG	32.69	201	iPd	58 23.10	0.2	
0.7s	29.00nm			5.3mb X		
NDI	40.65	86	eP	59 30.50	0.4	
KIC	42.88	235	iPd	59 48.00	-0.5	
WMQ	44.66	61	P	00 03.40	0.7	
HYB	46.97	100	eP	00 24.00	2.8	
DMN	47.47	83	eP	00 25.40	0.0	
0.7s	17.00nm			5.2mb		
KKN	47.54	83	eP	00 25.60	-0.3	
0.6s	17.00nm			5.2mb		
PKI	47.73	83	eP	00 27.10	-0.4	
0.8s	8.00nm			4.8mb		
GBA	48.22	105	P	00 33.00	2.0	
MTD	52.19	177	iPc	01 01.80	0.5	
KRI	52.21	180	eP	01 02.00	0.5	
GTA	54.57	64	P	01 17.00	-1.8	
BUL	55.51	181	iPc	01 26.00	0.3	
CD2	60.87	71	eP	02 03.20	0.1	
SLR	61.08	181	iPc	02 06.00	1.5	
0.8s	14.93nm			5.2mb		
XAN	63.40	66	eP	02 19.60	-0.4	
BJI	65.89	57	eP	02 35.50	-0.5	
MBC	66.62	352	eP	02 38.00	-2.2	
INK	75.56	354	eP	03 34.00	0.0	
ITR	77.62	250	eP	03 36.80	-9.5X	
BAO	89.19	250	e(P)	04 47.40	1.9	
MSZ	147.26	119	PKP	11 34.70	4.5X	
S.D. = 1.4			on	72 of 90 obs.		
DEC 16, 1985 23h 06m 24.29± 0.56s						
50.216 N ± 5.8km 12.485 E ± 4.9km						
DEPTH = 10.0km (geophysicist)						
GERMANY						(543)
ML 3.7 (VKA), 3.5 (KBA), 3.4 (FUR), 3.2 (GRF).						
HOF	0.40	284	iPgd	06 31.90	-0.6	
MOX	0.70	308	iPg	06 37.50	-0.7	
			iSg	06 47.00		
GRF	0.97	238	iPgc	06 42.70	0.0	
			eSg	06 55.10		
			eLg	06 57.20		
WET	1.10	166	iPgd	06 45.30	0.3	
CLL	1.14	17	iPg	06 45.40	-0.3	
			eSg	07 01.00		
KHC	1.30	146	iPg	06 48.50	0.2	
			iSg	07 05.10		
PRU	1.34	99	Pn	06 48.80	-0.2	
			Pg	06 49.60		
			Sg	07 06.50		
FUR	2.20	202	iPgc	07 07.80	6.4X	
KSP	2.51	74	e(Pn)	07 09.00	3.2X	
			iS	07 43.50		
STU	2.59	237	iPnc	07 12.00	5.1X	
0.4s	50.85nm					
TNS	2.59	272	ePb	07 08.90	1.9	
			eSg	07 44.20		
GAP	2.90	199	ePg	07 19.50	8.2X	
VKA	3.18	126	i(Pn)	07 16.00	0.7	
			iPg	07 25.00		
			iSg	08 06.50		
KBA	3.19	169	iPnc	07 15.50	-0.1	
			iSn	07 52.90		
			iSg	08 06.80		
SCE	3.22	189	ePn	07 15.00	-1.1	
GWF	3.40	250	ePg	07 30.80	12.4X	
			eSg	08 10.00		
ZST	3.64	122	eP	08 10.00	48.2X	
			i	08 19.80		
CDF	3.86	244	Pn	07 23.60	-1.4	
0.3s	24.00nm					
			Pg	07 35.60		
			Sg	08 23.70		
WLF	4.13	265	eP	08 31.60	62.9X	
			e	11 54.80		

16d 23h

ENN	4.23	280	ePg	07 41.00	10.9X	
			eSg	08 32.00		
BSF	4.44	240	Pg	07 46.90	13.6X	
	0.5s		41.00nm			
			Sn	08 18.80		
			Sg	08 42.40		
HAU	4.60	244	Pg	07 50.20	14.8X	
	0.3s		20.00nm			
			Sg	08 47.30		
DOU	5.07	272	Pn	07 43.60	1.5	
			e	11 49.00		
LPG	6.10	221	Pg	08 19.50	22.7X	
SMF	6.77	241	Pg	08 30.10	24.0X	
	S.D. = 1.0		on	13 of 25 obs.		

DEC 16, 1985 23h 09m 44.71± 0.42s
50.241 N ± 4.2km 12.460 E ± 3.8km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.7 (VKA), 3.5 (KBA), 3.4 (FUR), 3.2 (GRF).

HOF	0.38	281	iPgd	09 52.30	-0.2	
MOX	0.68	307	iPg	09 58.00	-0.1	
			iSg	10 07.00		
GRF	0.97	236	iPgc	10 03.20	0.0	
			eSg	10 15.60		
			eLg	10 17.80		
CLL	1.12	18	iPg	10 06.20	0.4	
			iSg	10 21.80		
WET	1.13	166	iPgd	10 07.00	1.1	
BRG	1.14	56	iPgc	10 06.30	0.3	
			eSg	10 21.30		
KHC	1.33	146	iPg	10 08.90	-0.3	
			iSg	10 26.00		
PRU	1.36	100	Pn	10 09.30	-0.4	
			Pg	10 10.00		
			Sg	10 27.00		
FUR	2.22	201	iPgc	10 28.40	6.3X	
KSP	2.52	75	ePn	10 26.20	-0.1	
			iPg	10 32.00		
			iS	11 04.50		
TNS	2.58	271	ePb	10 34.20	7.0X	
			eSg	11 05.30		
STU	2.59	237	ePnc	10 32.20	4.9X	
	0.4s		59.32nm			
			eSg	11 07.00		
GAP	2.92	199	ePg	10 40.00	8.0X	
VKA	3.21	127	i(Pn)	10 36.50	0.4	
			iPg	10 44.80		
			iSn	11 19.30		
			iSg	11 27.30		
KBA	3.22	169	iPnc	10 36.20	-0.3	
			iSg	11 27.70		
GWF	3.39	250	ePg	10 50.20	11.5X	
			eSg	11 31.20		
ZST	3.67	122	e(Pn)	10 41.90	-0.7	
			e	10 51.10		
			e	11 23.70		
			i(Sg)	11 37.80		
SOP	3.72	132	eP	11 41.10	57.7X	
CDF	3.85	244	Pg	10 55.80	10.4X	
	0.4s		38.00nm			
			Sg	11 45.20		
WTS	3.97	298	e(Pn)	11 04.00	17.1X	
			eSg	11 54.50		
ENN	4.21	280	ePg	11 08.00	17.8X	
			eSg	11 58.00		
VOY	4.32	167	eP	11 35.90	43.9X	
			e(Sg)	12 04.50		
HAU	4.59	243	Pg	11 09.70	13.9X	
	0.4s		32.00nm			
			Sg	12 08.00		
TP	4.62	169	eP	11 48.40	52.3X	
			i	12 16.10		
SMF	6.77	241	Pg	11 50.40	23.9X	
	S.D. = 0.5		on	12 of 25 obs.		

• DEC 16, 1985 23h 15m 39.57± 0.76s
50.208 N ± 8.4km 12.453 E ± 6.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.1 (GRF).

MOX	0.69	310	ePg	15 53.00	-0.3	
			eSg	16 02.00		
GRF	0.95	237	iPg	15 58.00	0.4	
			eSg	16 10.30		
			eLg	16 12.60		
BRG	1.16	54	iPgc	16 01.30	0.0	
			iSg	16 16.30		
KHC	1.30	145	Pg	16 03.20	-0.5	
			Sg	16 20.50		
PRU	1.36	98	Pg	16 05.00	0.4	
			Sg	16 22.00		
			i	16 23.40		
	S.D. = 0.6		on	5 of 5 obs.		

DEC 16, 1985 23h 30m 32.03± 0.69s
50.255 N ± 7.0km 12.424 E ± 6.3km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 1.8 (GRF).

MOX	0.65	307	ePg	30 45.00	0.0	
			eSg	30 54.00		
GRF	0.96	234	ePg	30 50.00	-0.3	
			eSg	31 02.50		
			eLg	31 04.60		
CLL	1.12	19	iPg	30 53.50	0.5	
BRG	1.15	57	iPg	30 53.10	-0.5	
			iSg	31 08.30		
KHC	1.35	146	Pg	30 57.60	0.7	
			Sg	31 13.50		
PRU	1.39	100	ePg	30 57.00	-0.4	
			Sg	31 14.80		
	S.D. = 0.6		on	6 of 6 obs.		

DEC 16, 1985 23h 46m 33.20± 0.69s
50.225 N ± 6.7km 12.440 E ± 6.2km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 1.8 (GRF).

MOX	0.67	309	ePg	46 46.00	-0.6	
			eSg	46 55.00		
GRF	0.95	236	ePgc	46 51.90	0.6	
			eSg	47 04.40		
			eLg	47 06.80		
CLL	1.14	18	iPg	46 54.90	0.3	
			iSg	47 09.80		
BRG	1.16	55	iPg	46 54.90	0.0	
			iSg	47 09.80		
KHC	1.32	146	iPg	46 57.10	-0.5	
			Sg	47 15.00		
PRU	1.37	99	Pg	46 58.60	0.2	
			Sg	47 16.00		
	S.D. = 0.6		on	6 of 6 obs.		

& DEC 16, 1985 23h 47m 06.30s
35.990 N 117.880 W
DEPTH = 4.0km
CENTRAL CALIFORNIA (39)
<PAS-P>. ML 3.3 (PAS).

ISA	0.58	236	iPd	47 17.40	-0.5	
PGE	0.75	61	iP	47 20.50	-0.8	
MCA	0.82	36	iP	47 21.30	-1.3	
GSC	1.11	128	iPd	47 27.20	-0.6	
LCH	1.26	9	eP	47 29.00	-1.3	
YMT3	1.43	56	eP	47 32.50	-0.6	
LSM	1.50	60	eP	47 33.30	-0.8	
SDW	1.53	154	iP	47 34.80	0.3	
ABL	1.58	224	eP	47 34.70	-0.6	
FRI	1.78	305	eP	47 37.80	-0.2	
BCH	1.97	247	eP	47 41.00	0.1	
MNA	2.45	355	eP	47 50.00	2.2	
JAS1	2.81	314	eP	47 55.50	2.7	
	13 obs. associated					

? DEC 16, 1985 23h 47m 22.29±10.70s
35.829 S ±85.5km 70.703 W ±31.6km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

CHCH	1.89	1	iPd	47 52.10	-0.8	
			iS	48 16.00		
LNV	1.96	342	iPd	47 54.00	0.2	
			iS	48 20.70		
TACH	2.18	355	iPd	47 57.00	0.1	
			iS	48 25.50		
PCH	2.21	4	eP	47 56.70	-0.7	
			iS	48 26.40		
BACH	2.48	4	iP	48 02.50	1.2	
			iS	48 33.20		
FCH	2.52	8	iPd	48 02.50	0.4	
			iS	48 35.80		
PEL	2.68	0	iPc	48 03.90	-0.2	
			iS	48 40.50		
ROCH	2.86	355	iP	48 06.70	-0.1	
			i	48 08.40		
			i(S)	48 45.50		
CNCB	19.10	8	P	51 45.50	-0.1	
	S.D. = 0.7		on	9 of 9 obs.		

DEC 17, 1985 00h 13m 19.84± 0.28s
36.003 S ± 6.9km 53.512 E ± 5.3km
DEPTH = 10.0km (geophysicist)
5.2mb (17 obs.) 5.2Msz (2 obs.)
SOUTH INDIAN OCEAN (425)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 32C
Centroid Location:
Origin Time 00:13:26.6 0.3
Lat 35.69S 0.05 Lon 53.41E 0.03
Dep 10.0 FIX Half-duration 2.5
Moment Tensor; Scale 10**24 D-CM
Mrr= 0.09 0.10 Mtt= 0.45 0.17
Mff=-0.54 0.12 Mrt=-1.39 0.39
Mrf=-0.28 0.32 Mtf= 4.70 0.10
Principal Axes:
T Val= 4.99 Plg=14 Azm=139
N -0.11 73 287
P -4.88 8 47
Best Double Couple:Mo=4.9*10**24
NP1:Strike=182 Dip=74 Slip= 176
NP2: 274 86 16

SEK	23.17	282	iPd	18 28.00	0.4	
	1.0s		100.00nm		5.3mb	
BPI	23.86	287	iPc	18 34.00	-0.4	
	1.0s		110.00nm		5.4mb	
SLR	23.89	288	iPc	18 34.00	-0.6	
	1.0s		60.00nm		5.1mb	
	Z 16s		8.96um		5.3MszX	
NPA	24.42	325	iP	18 40.00	0.3	
BFS	24.48	284	iPd	18 39.00	-1.3	
	1.0s		120.00nm		5.5mb	
KSR	24.90	287	iPd	18 42.70	-1.7	
	1.0s		167.00nm		5.7mb	
SWZ	25.50	282	iPd	18 50.60	0.5	
	1.0s		30.00nm		4.9mb	
TET	26.58	313	iP	19 00.00	0.1	
			i	19 32.00		
BUL	26.95	299	iPc	19 01.50	-2.0	
SUR	27.22	268	eP	19 08.70	2.7	
	1.1s		40.51nm		5.0mb	
MTD	27.32	309	iPc	19 05.50	-1.3	
KRI	28.55	306	iPc	19 16.00	-2.1	
MAW	32.10	173	eP	19 48.00	-0.8	
SYO	33.96	189	eP	20 04.00	-1.0	
LWI	40.65	320	iPc	21 02.00	-0.1	
KOD	51.24	31	eP	22 26.00	-0.1	
			eS	29 47.00		
BNG	51.86	313	iPc	22 29.90	-0.7	
	0.6s		27.00nm		5.4mb	
			i	23 05.90		
			i	23 32.20		
			i	24 27.50		
SPA	54.18	180	ePc	22 45.20	-2.2	
	1.0s		54.76nm		5.5mb	
	Z 20s		2.70um		5.3Msz	
GBA	54.28	29	P	22 54.00	5.7X	
	0.8s		10.80nm		4.9mb	
GBA	54.28	29	P	22 47.50	-0.8	
PSI	57.23	58	ePc	23 11.50	1.7	
	1.1s		8.10nm		4.7mb	
			e	28 39.00		
POO	57.56	23	iP	23 11.50	-0.5	
HYB	58.18	28	ePc	23 15.50	-0.9	
SBA	59.72	167	e(P)	23 41.10	14.6X	
			(S)	31 46.00		
			LR	43 16.00		
IPM	60.03	58	ePc	23 29.20	-0.1	
	0.9s		26.70nm		5.4mb	
WBN	62.05	103	eP	23 42.00	-1.0	
NST	67.71	49	eP	24 19.00	-0.6	
NDI	68.10	22	eP	24 20.00	-1.9	
			eS	33 20.00		
PRNI	68.25	343	iP	24 25.00	2.2	

```
KIC    68.92 295 eP     24 27.30    0.0
ASPA   69.04 105 eP     24 28.00    0.0
CHG    69.43  46 iPc    24 29.80   -0.5
       1.0s     15.00nm          5.1mb
JER    69.57 343 eP     24 31.50    0.5
DMN    69.93  30 eP     24 32.90   -0.6
       0.9s     33.00nm          5.5mb
LOE    70.01  49 eP     24 35.00    1.2
PKI    70.02  30 eP     24 33.00   -1.1
KKN    70.16  30 eP     24 34.10   -0.7
       1.0s     32.00nm          5.4mb
KER    70.25 354 e(P)   24 34.00   -1.1
HRI    70.89 344 eP     24 39.50    0.5
SHL    71.15  36 iP     24 40.60   -0.3
                 eS     34 56.00
WRA    71.34 101 Pd     24 41.90   -0.1
       0.8s     13.50nm          5.1mb
IR2    71.34 358 eP     24 42.00    0.3
WB2    71.35 101 eP     24 41.30   -0.7
                 i      24 51.00
BHL    71.52 344 PKPc   24 43.00    0.2
WAM    73.58 123 eP     24 55.90    0.9
CAN    74.13 122 eP     24 58.60    0.3
YOU    74.27 121 eP     24 59.80    0.7
KMI    76.53  45 eP     25 11.50   -0.7
CTA    80.60 108 iP     25 34.80    0.5
       0.6s      9.00nm          5.0mb
                 iS     35 48.00
VAY    82.02 337 iP     25 41.00   -0.1
OHR    82.40 336 eP     25 44.00    0.7
PVL    82.90 340 iPc    25 46.00    0.3
SKO    82.97 336 iPc    25 46.50    0.4
MLR    84.86 341 ePd    25 56.00    0.3
VRI    85.00 342 ePd    25 56.00   -0.3
ITR    86.47 262 eP     26 09.20    4.8X
                 e      26 10.80
                 e      26 16.50
                 e      26 25.20
MNG    86.98 140 P      26 12.00    5.5X
IFR    88.23 314 iP     26 14.00    1.4
SRO    89.18 337 eP     26 17.60    1.1
SRO    89.18 337 eP     26 21.50    5.0X
SPC    89.82 339 eP     26 21.50    1.7
ZST    89.90 337 e(P)   26 20.20    0.3
BAO    89.95 251 e(P)   26 22.90    1.8
                 e      26 31.20
FUR    91.88 333 eP     26 30.20    1.1
KHC    91.88 335 Pc     26 29.50    0.4
TOL    92.24 319 eP     26 32.00    1.1
GRF    93.18 334 eP     26 34.30   -0.7
       Z  20s     0.80um          5.2Msz
BRG    93.25 336 eP     26 39.80    4.5X
MOX    93.84 335 e(P)   26 42.00    4.0X
CLL    93.93 336 e(P)   26 47.00    8.6X
IMA   145.95  19 ePKP   33 03.60    3.9X
INK   147.40   5 ePKP   33 04.00    2.2
       0.7s     29.00nm
COL   148.38  17 ePKP   33 09.00    5.5X
       0.9s     16.81nm
FBA   148.38  17 ePKP   33 09.50    6.0X
       1.1s     18.80nm
PME   150.68  22 ePKP   33 16.00    8.9X
       0.9s     14.60nm
YKA   152.47 348 ePKP   33 17.70    8.0X
RSNT  152.48 348 e(PKP)33 08.30   -1.4
JCT   157.05 264 ePKP   33 18.00    1.0
       1.0s     14.00nm
OZO   157.85 275 e(PKP)33 18.00    0.2
SES   161.79 327 ePKP   33 23.00    1.5
      S.D. = 1.1  on  67 of  80 obs.

*  DEC  17, 1985  00h 27m 47.35± 0.96s
   50.229 N ± 8.0km   12.467 E ± 8.6km
   DEPTH =  10.0km  (geophysicist)
 GERMANY                          (543)

MOX      0.69 308 ePg    28 01.00    0.1
                 eSg    28 09.50
CLL      1.13  17 iPg    28 08.50   -0.1
                 iSg    28 24.20
BRG      1.14  55 iPg    28 08.60   -0.1
                 iSg    28 23.20
KHC      1.32 146 ePg    28 11.50   -0.2
                 Sg     28 29.00
PRU      1.36  99 Pg     28 12.60    0.3
                 Sg     28 30.40
      S.D. = 0.3  on   5 of   5 obs.

   DEC  17, 1985  00h 43m 42.61± 0.46s
   39.270 N ± 4.1km   27.748 E ± 5.1km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                           (366)

IZM      0.95 204 iPg    44 00.60   -0.1
                 iSg    44 14.40
EDC      1.08   5 iPn    44 02.80   -0.1
KCT      1.08  25 iPn    44 03.50    0.5
EZN      1.23 297 iPn    44 05.00   -0.5
ISK      2.06  29 ePn    44 16.80   -0.8
YER      2.17 169 ePn    44 19.40    0.0
GPA      2.22  62 ePn    44 19.30   -0.8
DMK      2.55   0 iPn    44 24.20   -0.5
BCK      2.87 128 ePn    44 30.00    0.6
KDZ      2.99 323 iPd    44 31.00    0.1
DIM      3.23 330 ePg    44 38.00    3.8X
JMB      3.31 345 eP     44 37.00    1.5
PLD      3.66 322 eP     44 41.00    0.6
                 iS     45 23.00
MMB      3.84 308 eP     44 42.00   -1.1
PVL      4.33 334 iPd    44 50.00    0.0
VAY      4.46 299 ePn    45 07.00   15.2X
VTS      4.79 315 eP     44 57.00    0.5
      S.D. = 0.7  on  15 of  17 obs.

   DEC  17, 1985  00h 49m 44.90± 0.30s
   36.024 S ± 7.3km   53.460 E ± 6.1km
   DEPTH =  10.0km  (geophysicist)
   5.4mb ( 22 obs.)  5.3Msz (  2 obs.)
 SOUTH INDIAN OCEAN               (425)
      CENTROID, MOMENT TENSOR     (HRV)
      Dodo Used: GDSN
      L.P.B.: 13S, 29C
      Centroid Locotion:
      Origin Time        00:49:51.1 0.5
      Lot 35.63S 0.07 Lon  53.50E 0.05
      Dep  10.0 FIX Holf-durotion  2.6
      Moment Tensor; Scale 10**24 D-CM
        Mrr=-0.19 0.14  Mtt= 0.78 0.24
        Mff=-0.58 0.16  Mrt=-0.36 0.58
        Mrf=-0.18 0.40  Mtf= 3.90 0.12
       Principol Axes:
        T  Vol=  4.09  Plg= 5  Azm=140
        N       -0.23       85       305
        P       -3.87        1        50
      Best Double Couple:Mo=4.0*10**24
       NP1:Strike=185 Dip=85 Slip= 177
       NP2:        275     87         5

SEK     23.13 282 iPc    54 52.00   -0.3
        1.0s     70.00nm          5.2mb
BPI     23.83 287 eP     54 59.00   -0.1
SLR     23.86 288 iPc    54 58.00   -1.3
        0.7s      4.79nm          4.2mb X
BFS     24.44 284 iPd    55 04.10   -0.9
        1.4s    697.67nm          6.1mb
KSR     24.86 287 iPc    55 07.50   -1.6
        1.0s    316.00nm          5.9mb
SWZ     25.46 282 eP     55 03.50  -11.3X
        1.0s     30.00nm
BUL     26.92 299 iPc    55 26.00   -2.3
SUR     27.18 268 eP     55 30.50   -0.1
        1.2s     78.13nm          5.3mb
MTD     27.30 309 iPc    55 30.20   -1.5
KRI     28.53 306 iPc    55 41.50   -1.4
MAW     32.08 173 eP     56 13.00   -0.8
SYO     33.93 189 eP     56 30.30    0.5
NAI     37.87 332 iPc    57 06.00    2.0
        1.0s     60.00nm          5.3mb
LWI     40.63 320 iPc    57 26.70   -0.3
AAE     46.90 340 eP     58 18.70    1.0
BNG     51.84 313 iPc    58 54.30   -1.2
        0.9s     50.00nm          5.4mb
                 i      59 09.90
                 i      59 31.70
SPA     54.16 180 iPc    59 10.60   -1.7
        1.0s     41.00nm          5.4mb
      Z  20s      2.84um          5.3Msz
GBA     54.31  29 P      59 11.10   -2.6
PSI     57.28  58 ePc    59 37.20    2.0
        1.0s      7.00nm          4.6mb
                 e      03 25.00
POO     57.59  23 iP     59 36.60   -0.7
HYB     58.22  28 eP     59 40.00   -1.7
        1.4s    100.00nm          5.7mb
SBA     59.71 167 eP     00 00.00    8.5X

                 (S)    08 09.60
                 LR     20 19.20
IPM     60.08  58 ePc    59 54.50   -0.2
        1.1s     35.90nm          5.4mb
SHI     65.32 359 eP     00 29.00   -0.4
NST     67.75  49 eP     00 43.30   -1.6
NDI     68.14  22 eP     00 45.50   -1.7
PRNI    68.26 343 iP     00 48.00    0.1
BDT     68.28  47 eP     00 48.50    0.3
        0.9s     44.80nm          5.7mb
KIC     68.89 295 eP     00 50.90   -1.3
ASPA    69.08 105 eP     00 53.00   -0.3
KNA     69.15  95 eP     00 54.00    0.3
CHG     69.47  46 iPc    00 55.20   -0.4
        1.1s     34.81nm          5.4mb
JER     69.58 343 eP     00 54.00   -2.1
DMN     69.97  30 eP     00 57.70   -1.1
        1.0s    103.00nm          5.9mb
LOE     70.06  49 eP     00 56.00   -3.2X
PKI     70.06  30 eP     00 57.90   -1.5
        1.2s     77.00nm          5.7mb
KKN     70.20  30 eP     00 58.80   -1.3
KER     70.26 354 eP     00 59.00   -1.2
HRI     70.90 344 eP     01 04.50    0.4
SHL     71.20  36 iP     01 06.00   -0.2
IR2     71.36 358 eP     01 06.50   -0.3
WRA     71.37 101 Pc     01 06.20   -1.1
        0.8s     31.40nm          5.5mb
WB2     71.38 101 eP     01 06.30   -1.0
BHL     71.53 344 PKPd   01 09.00    1.1
                 e      01 15.00
SLY     71.64 353 ePd    01 08.50    0.1
MSL     72.67 351 eP     01 14.50    0.0
WAM     73.61 123 eP     01 20.30    0.1
CAN     74.16 122 eP     01 23.70    0.2
YOU     74.30 121 eP     01 24.30    0.0
KMI     76.58  45 Pc     01 37.00   -0.5
      N  24s      2.80um
                 S      11 49.00
IZM     77.91 339 eP     01 45.40    1.0
CTA     80.63 108 iP     02 01.20    1.6
        0.8s     29.85nm          5.3mb
                 iS     12 09.00
VAY     82.02 337 iP     02 06.00   -0.2
OHR     82.40 336 eP     02 08.80    0.5
SKO     82.97 337 iP     02 11.00   -0.2
VAO     84.70 246 e(P)   02 32.00   11.4X
MLR     84.86 341 ePd    02 20.00   -0.8
VRI     85.01 342 ePd    02 40.00   18.6X
VBA     85.15 226 ePd    02 21.70   -0.8
ITR     86.43 262 eP     02 31.00    1.8
                 e      02 39.00
                 e      02 46.10
MNG     86.99 140 P      02 42.00   10.4X
CVF     88.17 329 eP     02 37.40    0.4
IFR     88.21 314 iP     02 41.50    3.9X
BUD     88.67 337 eP     02 39.00   -0.2
LJU     88.90 334 e(P)   02 43.00    2.6
VOY     89.12 334 eP     02 41.90    0.4
SRO     89.18 337 eP     02 41.80    0.2
LMR     89.80 328 eP     02 47.00    2.4
SPC     89.82 339 eP     02 46.20    1.3
BAO     89.90 251 e(P)   02 45.50   -0.5
                 e      02 56.10
ZST     89.91 337 eP     02 45.40    0.4
FRF     89.93 328 eP     02 46.30    1.1
        1.3s     21.60nm          5.2mb
LRG     89.97 328 eP     02 48.20    2.8
        1.2s     26.10nm          5.3mb
CRT     90.02 318 eP     03 01.80   15.9X
KBA     90.21 334 iP     02 55.80    9.1X
        1.2s     25.00nm          5.3mb
KRA     90.69 339 eP     02 47.70   -0.9
                 e      02 57.30
OGA     90.88 332 eP     02 51.00    1.2
LPG     91.45 329 eP     02 54.40    1.9
FUR     91.88 333 eP     02 54.90    0.8
        1.0s     46.00nm          5.8mb
KHC     91.88 335 P      02 54.00   -0.2
        1.1s     12.50nm          5.2mb
                 e      03 03.40
PRU     92.30 336 P      02 57.00    1.0
CAF     93.02 326 eP     03 01.40    1.9
GRF     93.18 334 eP     03 00.30    0.2
      Z  22s      1.00um          5.2Msz
                 e      03 10.30
BRG     93.25 336 eP     03 01.00    0.7
```

17d 01h

			i	03	10.00	
MOX	93.84	335	eP	03	04.00	0.9
CLL	93.94	336	eP	03	05.00	1.5
	1.6s		26.00nm			5.4mb
MBC	139.55	357	ePKP	09	10.00	-3.2X
IMA	145.98	19	ePKP	09	26.10	1.2
INK	147.43	5	ePKP	09	29.00	2.1
COL	148.41	17	ePKP	09	32.00	3.4X
	1.0s		42.50nm			
FBA	148.41	17	ePKP	09	32.60	4.0X
	1.0s		21.30nm			
PME	150.71	22	ePKP	09	38.40	6.2X
	1.3s		70.80nm			
YKC	152.47	348	ePKP	09	42.00	7.3X
	1.0s		24.00nm			
YKA	152.48	348	ePKP	09	42.70	8.0X
RSNT	152.49	348	e(PKP)	09	41.30	6.6X
BHO	154.12	276	e(PKP)	09	46.20	8.3X
RLO	154.59	280	ePKP	09	47.40	8.9X
TUL	155.16	279	ePKP	09	56.20	17.0X
	0.9s		16.70nm			
JCT	157.00	264	ePKP	09	42.50	0.5
	1.0s		8.50nm			
QZO	157.81	275	ePKP	09	43.50	0.7
	1.5s		7.80nm			
NEW	165.93	333	ePKP	09	50.00	-0.5
MNA	172.89	292	ePKP	09	58.90	4.0X
			e	10	08.70	
FRI	174.41	282	ePKP	09	58.90	3.6X
			e	10	08.70	
JAS1	174.74	293	ePKP	09	59.00	3.6X
			i	10	08.70	
			e	10	21.90	
	S.D. = 1.2		on 82 of 104 obs.			

* DEC 17, 1985 00h 59m 21.63± 0.97s
50.235 N ± 8.1km 12.454 E ± 8.6km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.68	308	ePg	59	35.00	-0.1
			eSg	59	44.00	
CLL	1.13	18	iPg	59	43.00	0.2
			iSg	59	58.30	
BRG	1.15	56	iPg	59	42.70	-0.4
			iSg	59	57.80	
KHC	1.32	146	Pg	59	46.00	-0.1
			Sg	00	03.50	
PRU	1.37	100	ePg	59	47.00	0.3
			Sg	00	04.00	
	S.D = 0.4		on 5 of 5 obs.			

DEC 17, 1985 01h 15m 32.53± 0.50s
50.217 N ± 5.5km 12.435 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.8 (VKA), 3.7 (KBA), 3.7 (FUR), 3.2 (GRF).

HOF	0.37	285	iPgd	15	39.70	-0.5
MOX	0.68	310	iPg	15	45.50	-0.5
			iSg	15	54.50	
GRF	0.94	237	iPgc	15	50.80	0.3
			eSg	16	03.50	
			eLg	16	05.70	
WET	1.11	165	iPgd	15	53.40	0.0
CLL	1.15	18	Pg	15	53.80	-0.3
			Sg	16	08.90	
BRG	1.17	55	iPgc	15	53.80	-0.5
			iSg	16	08.90	
KHC	1.32	145	iPg	15	56.80	-0.1
			iSg	16	13.00	
PRU	1.38	99	Pn	15	57.00	-0.7
			iPg	15	57.80	
			iSg	16	14.80	
			eSg	24	02.00	
FUR	2.19	201	iPgc	16	16.30	6.8X
ESP	2.54	74	ePn	16	16.50	2.0
	0.5s		56.00nm			
			iPg	16	19.80	
			iS	16	51.50	
STU	2.56	237	iPnc	16	20.00	5.3X
	0.5s		63.38nm			
TNS	2.56	272	ePb	16	21.40	6.6X
			eSg	16	53.20	
GAP	2.89	199	iPgc	16	28.40	8.9X
KBA	3.20	169	iPn	16	24.50	0.5
			iSn	17	00.20	
			iSg	17	14.40	
VKA	3.21	126	ePnd	16	23.00	-0.9
			iPg	16	32.30	
			iSn	17	02.20	
			iSg	17	14.70	
GWF	3.37	250	ePg	16	34.80	8.6X
			eSg	17	19.20	
CDF	3.83	244	Pn	16	31.70	-1.1
	0.7s		106.00nm			
			Pg	16	43.80	
			Sg	17	32.90	
WLF	4.10	265	Pg	16	45.60	9.2X
MEM	4.13	278	Pg	16	46.00	9.1X
VOY	4.30	166	ePn	16	53.90	14.3X
			eSn	17	29.90	
			eSg	17	50.60	
LJU	4.41	161	eP	16	57.80	16.8X
			e(Sn)	17	38.70	
			eSg	17	53.30	
TRI	4.60	168	eP	16	59.70	16.0X
			e	17	35.00	
			e	18	02.50	
CEY	4.68	163	eP	17	01.90	17.0X
			e(Sg)	18	02.40	
DOU	5.04	272	Pn	16	51.70	1.8
			Pg	17	05.00	
GRC	6.84	248	iPgc	17	44.30	29.0X
			i	19	10.80	
	S.D. = 1.1		on 13 of 25 obs.			

* DEC 17, 1985 01h 16m 07.65± 1.15s
50.084 N ±12.8km 10.112 E ±10.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

BGG	1.79	275	ePn	17	25.00	46.2X
			iPg	17	35.80	
ENN	2.76	286	ePg	16	54.00	1.2
			eSg	17	44.00	
WTS	2.83	314	ePn	16	53.00	-0.7
			eSg	17	39.50	
BSF	3.14	225	Pg	16	53.80	-4.4X
	0.8s		107.00nm			
			Sn	17	27.90	
			Sg	17	50.90	
HAU	3.23	231	Pg	16	58.00	-1.5
	0.6s		51.00nm			
			Sn	17	32.80	
			Sg	17	56.80	
ZST	4.96	110	e(Pn)	17	23.90	0.0
			i(Sg)	17	26.90	
LPG	5.12	208	Pg	17	27.30	0.9
SMF	5.41	233	Pg	17	38.30	8.0X
	0.7s		22.00nm			4.9mb X
SRO	5.86	110	eP	18	01.80	25.2X
BGF	5.99	237	Pg	17	50.90	12.4X
	0.6s		27.00nm			
			Sg	19	24.40	
	S.D. = 1.6		on 5 of 10 obs.			

* DEC 17, 1985 01h 23m 18.78± 0.77s
50.221 N ± 7.8km 12.470 E ± 6.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.0 (GRF).

MOX	0.69	308	ePg	23	32.50	0.0
			eSg	23	41.50	
GRF	0.96	237	ePg	23	37.30	0.2
			eSg	23	50.30	
			eLg	23	52.00	
GRFO	0.97	237	eP	23	37.00	-0.2
BRG	1.15	55	iPg	23	40.20	0.0
			iSg	23	55.40	
BRG	1.15	55	ePg	24	29.60	49.4X
			eSg	24	45.50	
KHC	1.31	146	ePg	23	43.00	0.0
			eSg	24	00.00	
	S.D. = 0.2		on 5 of 6 obs.			

DEC 17, 1985 01h 33m 14.38± 0.34s
3.823 S ± 6.0km 127.612 E ± 7.2km
DEPTH = 33.0km (normol)
4.8mb (4 obs.)
CERAM (272)
Felt (III) on Ambon.

AAI	0.60	77	iPc	33	24.30	-2.0
			e	38	37.50	
KNA	11.91	175	eP	36	03.30	-1.6
WB2	17.32	158	eP	37	10.80	-4.6X
MDG	18.17	95	eP	37	28.00	2.1
MAN	19.47	341	eP	37	42.20	0.6
ISQ	20.42	146	eP	37	50.00	-1.6
ASPA	20.64	163	iPc	37	53.20	-0.7
	1.0s		85.00nm			5.1mb
NAU	22.00	211	eP	38	09.00	1.4
WBN	22.21	182	iPd	38	10.50	0.8
ALOA	23.48	107	eP	38	24.00	1.9
MEK	24.27	200	eP	38	31.00	1.2
CTA	24.32	133	iPc	38	30.20	-0.1
	1.1s		25.95nm			4.7mb
IPM	27.84	287	ePd	39	03.90	0.7
KLB	29.14	197	eP	39	14.00	-0.6
PSI	29.39	282	ePd	39	17.90	0.8
	0.8s		6.60nm			4.4mb
			e	41	00.00	
YOU	35.93	150	iPc	40	13.90	0.0
CHG	36.09	310	eP	40	16.00	0.6
GYA	36.29	327	P	40	18.40	1.3
WHN	36.45	341	eP	40	19.50	1.4
CAN	37.07	150	eP	40	23.80	0.4
WAM	37.71	151	eP	40	29.60	0.9
XAN	41.58	336	P	41	00.40	-0.5
BJI	44.90	348	eP	41	27.00	-0.7
LZH	45.50	333	eP	41	33.50	0.7
MDJ	48.25	2	Pc	41	54.30	0.2
GTA	50.06	332	P	42	07.00	-1.3
PKI	51.27	310	eP	42	17.40	-0.5
KKN	51.48	310	eP	42	19.10	-0.3
	0.8s		12.00nm			4.9mb
DMN	51.52	310	eP	42	19.60	-0.1
GBA	52.71	290	P	42	27.00	-1.5
HYB	52.80	295	eP	42	27.50	-1.7
WMQ	59.45	327	P	43	15.90	-0.6
IR2	81.47	307	eP	45	30.00	-0.2
TPZ	151.68	153	ePKP	53	03.00	1.2
ITA	152.90	196	e(PKP)	53	11.00	7.6X
CNCB	154.36	143	PKP	53	15.20	9.3X
LPB	154.50	143	ePKP	53	16.00	10.1X
ZOBO	154.69	142	ePKP	53	04.00	-2.3
	S.D. = 1.2		on 34 of 38 obs.			

DEC 17, 1985 01h 34m 35.07± 0.66s
50.246 N ± 6.3km 12.433 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 1.9 (GRF).

MOX	0.66	308	ePg	34	48.00	-0.2
			eSg	34	57.00	
GRF	0.96	235	ePg	34	53.40	0.1
			eSg	35	05.80	
			eLg	35	08.00	
CLL	1.13	19	iPg	34	56.40	0.3
			iSg	35	12.00	
BRG	1.15	56	iPg	34	56.60	0.0
			iSg	35	11.00	
KHC	1.34	146	ePg	35	00.00	0.2
			Sg	35	16.70	
PRU	1.38	100	ePg	35	00.00	-0.4
			Sg	35	17.70	
	S.D. = 0.3		on 6 of 6 obs.			

DEC 17, 1985 01h 35m 46.45± 0.65s
50.211 N ± 6.3km 12.455 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.2 (GRF).

MOX	0.69	309	ePg	36	00.00	-0.1
			eSg	36	08.00	
GRF	0.95	237	ePgc	36	04.70	0.1
			eSg	36	17.00	
			eLg	36	19.30	
CLL	1.15	17	iPg	36	08.10	0.1
			iSg	36	23.50	
BRG	1.16	55	iPgc	36	08.10	0.0
			iSg	36	22.90	
KHC	1.30	146	ePg	36	10.50	-0.1
			Sg	36	27.70	
PRU	1.36	99	Pg	36	11.50	0.1
			eSg	36	29.00	
			i	36	29.70	

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

DEC 17, 1985 01h 37m 20.35± 0.52s
50.222 N ± 5.0km 12.446 E ± 4.6km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 1.9 (GRF).

HOF	0.38	284	iPgc	37	28.10	0.0
MOX	0.88	309	ePg	37	33.50	-0.3
			iSg	37	42.50	
GRF	0.95	237	iPgc	37	38.80	0.3
			eSg	37	51.40	
			eLg	37	53.60	
WET	1.11	165	iPgd	37	41.30	0.0
CLL	1.15	18	iPg	37	42.00	0.2
			iSg	37	57.20	
BRG	1.16	55	iPgc	37	41.70	-0.3
			iSg	37	56.90	
KHC	1.32	146	iPg	37	44.20	-0.5
			iSg	38	02.40	
PRU	1.37	99	Pg	37	46.00	0.5
			Sg	38	03.50	

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

% DEC 17, 1985 02h 45m 27.68± 1.25s
29.064 S ± 9.3km 66.622 W ±18.6km
DEPTH = 33.0km (normal)
LA RIOJA PROVINCE, ARGENTINA (138)

VCA	1.42	283	ePd	45	51.00	-0.6
			S	46	08.00	
RTLL	2.77	215	iPc	46	11.30	0.6
			(S)	46	44.80	
CFA	2.89	208	ePc	46	13.60	1.1
			S	46	48.10	
RTCV	3.24	210	iPc	46	17.90	0.4
			S	46	55.90	
SLA	4.43	13	ePc	46	34.80	0.2
RFA	5.90	195	ePd	46	53.40	-1.8

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

• DEC 17, 1985 03h 04m 57.41± 0.79s
3.797 S ±15.7km 127.616 E ±19.3km
DEPTH = 33.0km (normal)
4.6mb (2 obs.)
CERAM (272)

WRA	17.34	158	Pc	08	53.10	-5.5X
	1.2s		34.80nm		4.4mb	
WB2	17.34	158	eP	08	53.90	-4.8X
ASPA	20.67	163	iPc	09	36.50	-0.7
	1.0s		55.00nm		4.9mb	
MEK	24.29	200	eP	10	13.00	-0.1
PSI	29.39	282	eP	11	01.00	0.9
			e	12	55.00	
YOU	35.95	150	eP	11	56.70	-0.4
CAN	37.09	150	eP	12	06.90	0.3
WAM	37.73	151	eP	12	12.80	0.9
PKI	51.26	310	eP	14	00.60	-0.2
KKN	51.47	310	eP	14	02.30	0.0
DMN	51.51	310	eP	14	02.80	0.2
HYB	52.80	295	eP	14	11.30	-0.9
TPZ	151.70	153	iPKP	24	52.80	7.9X
CNCB	154.37	143	PKP	24	58.50	9.5X
LPB	154.52	143	ePKP	24	56.00	7.1X
ZOBO	154.71	142	ePKP	24	58.00	8.6X

S.D. = 0.7 on 10 of 16 obs.

• DEC 17, 1985 04h 03m 51.24± 0.77s
50.257 N ± 9.1km 12.433 E ± 6.6km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.65	307	ePg	04	04.00	-0.3
			eSg	04	13.50	
GRF	0.97	235	ePg	04	10.00	0.4
			eSg	04	22.70	
			eLg	04	24.90	
BRG	1.15	57	iPg	04	12.70	0.0
			iSg	04	27.50	
			eSg	04	42.30	
KHC	1.35	146	ePg	04	15.50	-0.6
			Sg	04	33.50	
PRU	1.38	100	ePg	04	17.00	0.5
			eSg	04	35.00	

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

& DEC 17, 1985 04h 10m 59.98s
61.604 N 148.178 W
DEPTH = 24.6km
SOUTHERN ALASKA (2)
<AGS-P>. ML 3.5 (PMR) Felt (II) at Chickaloon and Sutton.

SML	0.22	340	iP	11	06.25	0.3
GHO	0.39	296	iP	11	08.04	-0.5
PME	0.41	274	iP	11	08.08	-0.6
PLRM	0.46	269	iP	11	08.48	-0.9
			iS	11	15.48	
PMR	0.46	269	iPd	11	08.60	-0.8
SCM	0.47	60	iP	11	09.57	-0.1
CFI	0.47	155	iP	11	09.11	-0.5
PWL	0.75	186	iP	11	12.90	-1.4
PMS	0.76	242	iPd	11	13.30	-1.2
PWA	0.81	274	iPc	11	13.80	-1.6
PTE	0.85	209	iP	11	14.30	-1.6
TOA	1.08	61	iPc	11	19.40	-0.2
KLU	1.09	95	iP	11	18.51	-1.2
SUA	1.24	265	iP	11	20.53	-1.4
			iS	11	37.57	
MPA	1.26	208	iP	11	20.85	-1.2
			iS	11	38.30	
HIN	1.46	145	iP	11	24.84	-0.2
			iS	11	45.13	
SLKM	1.48	223	iP	11	24.45	-0.9
SEW	1.63	203	eP	11	26.01	-1.4
			eS	11	46.66	
SKT	1.64	285	iP	11	26.42	-1.1
NKA	1.72	241	eP	11	29.25	0.6
SGAM	1.82	126	iP	11	30.11	-0.1
SPU	1.91	259	iP	11	30.58	-1.0
			iS	11	54.88	
CRP	1.94	262	iP	11	31.19	-0.9
			iS	11	57.20	
GLB	2.10	93	iP	11	33.62	-0.7
NNL	2.19	226	eP	11	34.89	-0.6
BRLK	2.28	217	eP	11	35.14	-1.6
RDT	2.30	245	iP	11	35.60	-1.5
			eS	12	03.21	
ILM	2.68	240	eP	11	40.77	-1.7
WAX	2.84	112	eP	11	43.71	-1.0
BALM	2.87	99	iP	11	43.91	-1.3
COL	3.31	3	iP	11	50.50	-0.9
			e	11	59.00	
FBA	3.31	3	iPc	11	50.70	-0.7
CTGM	3.37	98	eP	11	51.50	-0.8
YAH	3.37	109	eP	11	51.70	-0.8
SVW	3.62	265	iPc	11	53.30	-2.6
TTA	3.90	293	iPc	11	57.20	-2.5
KDC	4.44	211	eP	12	04.30	-3.1
DWY	4.70	55	P	12	09.90	-1.2
			e	12	25.90	
			Lg	13	43.90	
IMA	5.10	334	iP	12	14.50	-2.4
INK	9.13	36	eP	13	12.00	-1.1

40 obs. associated

• DEC 17, 1985 04h 49m 52.86± 2.33s
37.669 N ±20.0km 21.999 E ±14.0km
DEPTH = 10.0km (geophysicist)
3.9mb (1 obs.)
SOUTHERN GREECE (368)

PAIG	2.61	30	ePd	50	34.80	-1.0
OUR	3.08	30	ePc	50	41.60	-0.7
GRG	3.30	5	eP	50	45.40	-0.2
			eS	51	16.80	
KNT	3.56	11	ePc	50	50.00	0.8
OHR	3.56	345	ePn	50	50.80	1.5
OHR	3.56	345	iPn	50	52.40	3.1X
SRS	3.66	19	eP	50	51.60	0.9
			eS	51	26.20	
EZN	4.01	56	ePn	50	53.50	-2.1
IZM	4.22	78	ePn	50	59.90	1.2
SKO	4.32	354	ePn	51	01.50	1.4
			iSn	51	50.50	
YER	5.03	94	ePn	51	11.00	0.8
VOY	10.31	327	e(Pn)	52	23.00	-0.9
			e(Sn)	54	14.90	
NB2	24.36	347	P	55	10.00	-1.8
	0.8s		2.50nm		3.9mb	

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

DEC 17, 1985 05h 14m 13.64± 0.50s
50.220 N ± 4.8km 12.438 E ± 4.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.1 (FUR), 2.9 (GRF).

HOF	0.37	285	iPgc	14	21	18 -0.2
MOX	0.68	309	iPg	14	27	60 -0.1
			iSg	14	36	00
GRF	0.95	237	iPgc	14	31	90 0.2
			eSg	14	44	30
			eLg	14	46	70
WET	1.11	165	iPgc	14	34	50 0.0
CLL	1.15	18	Pg	14	35	40 0.3
BRG	1.16	55	iPgc	14	35	20 -0.2
			iSg	14	50	20
KHC	1.32	145	iPg	14	38	00 0.0
			iSg	14	55	00
PRU	1.37	99	iPg	14	38	80 0.0
			Sg	14	56	00
			i	14	57	20
FUR	2.19	201	iPgc	14	57	10 6.4X
DMK	13.54	122	iPn	17	14	80 -13.3X

S.D. = 0.2 on 8 of 10 obs.

• DEC 17, 1985 05h 16m 33.48± 1.35s
39.466 N ±11.9km 25.991 E ±11.1km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

EZN	0.44	36	iPg	16	42.00	-0.5
			iSg	16	55.00	
IZM	1.46	137	ePn	16	59.40	-0.5
EDC	1.69	58	ePn	17	05.00	1.8
KCT	1.98	66	ePn	17	08.00	0.6
CTT	2.51	47	iPn	17	13.30	-1.7
VAY	3.20	306	ePn	17	25.00	0.2

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

DEC 17, 1985 05h 18m 42.53± 0.66s
50.211 N ± 6.3km 12.453 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 1.8 (GRF).

MOX	0.69	309	ePg	18	56.00	-0.2
			eSg	19	05.00	
GRF	0.95	237	ePgc	19	00.80	0.2
			eSg	19	13.10	
			eLg	19	15.60	
CLL	1.15	17	iPg	19	04.30	0.2
			eSg	19	20.00	
BRG	1.16	55	iPg	19	04.00	-0.2
			eSg	19	19.20	
KHC	1.31	146	Pg	19	06.50	-0.2
			Sg	19	24.00	
PRU	1.36	99	Pg	19	07.80	0.3
			eSg	19	25.30	
			e	19	26.50	

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

DEC 17, 1985 05h 20m 04.34± 0.61s
50.208 N ± 6.3km 12.514 E ± 5.2km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.3 (FUR), 3.0 (GRF).

HOF	0.42	285	iPgd	20	12.00	-1.0
MOX	0.72	308	iPg	20	17.50	-1.1
			iSg	20	27.00	
GRF	0.98	239	iPgc	20	22.70	-0.3
			eSg	20	35.10	
			eLg	20	37.40	
WET	1.09	167	iPgd	20	25.30	0.5
BRG	1.13	53	iPgc	20	25.60	0.1
			iSg	20	40.60	
CLL	1.15	16	iPg	20	25.60	-0.2
			iSg	20	41.10	
KHC	1.28	147	iPg	20	28.30	0.2
			iSg	20	45.20	
PRU	1.32	99	ePn	20	28.70	-0.1
			Pg	20	29.60	
			Sg	20	46.50	
			i	20	47.70	
FUR	2.20	202	iPgc	20	47.90	6.4X
KSP	2.49	74	iPg	20	51.50	5.9X
			iS	21	22.50	
STU	2.60	238	ePnc	20	51.80	4.7X

17d 05h

0.4s 42.37nm

TNS	2.61	272	ePb	20 53.40	6.1X
			eSg	21 24.60	
SCE	3.22	190	ePn	20 55.10	-1.0
CDF	3.87	244	Pn	21 03.40	-1.8
	0.7s		42.00nm		
			Pg	21 15.00	
			Sg	22 03.60	
WLF	4.15	265	Pn	21 10.20	1.2
ENN	4.25	280	iPn	21 11.00	0.5
			ePg	21 22.50	
			eSg	22 17.00	
BSF	4.45	240	Pg	21 26.00	12.5X
	0.7s		42.00nm		
			Sn	22 00.10	
			Sg	22 22.20	
TRI	4.58	169	eP	21 34.80	19.6X
HAU	4.61	244	Pg	21 29.80	14.1X
	0.6s		27.00nm		
			Sg	22 27.80	
DOU	5.09	272	Pn	21 25.30	2.8

S.D. = 1.3 on 13 of 20 obs.

DEC 17, 1985 06h 27m 16.73± 0.79s
44.618 N ± 5.8km 111.048 W ±10.2km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 3.0 (NEIS).

IMW	0.73	174	iPc	27 31.10	-0.2
CCMT	1.33	283	ePnd	27 43.00	1.0
TMI	1.45	206	eP	27 43.50	-0.4
SXM	1.54	356	ePn	27 45.50	0.5
LRM	1.56	321	iPnd	27 46.10	0.7
HPI	1.73	239	eP	27 48.20	0.3
BUT	1.76	323	ePg	27 50.60	2.4X
			eSn	28 12.30	
			eSg	28 13.70	
BDW	2.13	149	e(P)	27 54.00	0.3
HRY	2.16	346	ePn	27 54.00	0.0
NEW	5.56	313	e(P)	28 40.00	-2.2

S.D. = 1.1 on 9 of 10 obs.

• DEC 17, 1985 06h 37m 48.26± 0.89s
21.851 S ± 9.4km 67.376 W ±12.1km
DEPTH = 225.3 ± 16.2 km
CHILE-BOLIVIA BORDER REGION (124)

TPZ	1.59	76	iPc	38 25.00	-0.8
			S	38 46.50	
SLA	3.35	149	ePd	38 44.00	0.2
			S	39 25.00	
ANT	3.36	236	iP	38 44.30	0.5
			iS	39 23.30	
CNCB	5.05	353	iP	39 06.00	0.9
			S	40 06.00	
LPB	5.33	353	iPc	39 09.50	0.9
			S	40 09.00	
ZOBO	5.60	353	iP	39 12.20	0.2
			S	40 16.00	
ARE	6.62	323	iPd	39 23.00	-1.9
			iS	40 35.00	
VAO	18.90	97	eP	41 54.20	-0.1
ITA	21.61	96	e(P)	42 21.00	5.4X

S.D. = 1.2 on 8 of 9 obs.

DEC 17, 1985 06h 54m 23.83± 0.27s
24.896 N ± 6.0km 67.395 E ± 4.0km
DEPTH = 33.0km (normal)
4.9mb (18 obs.) 5.0Msz (2 obs.)
PAKISTAN (710)
Slight damage at Karachi.

QUE	5.29	356	eP	55 42.00	-0.8
			eS	56 45.00	
BOM	7.81	139	eP	56 14.00	-4.0X
			iS	57 37.00	
POO	8.72	135	iPd	56 32.00	1.3
			iS	58 46.00	
NDI	9.55	65	iPd	56 38.00	-4.1X
	0.5s		91.55nm		6.3mb X
			iS	58 20.50	
HYB	12.79	123	eP	57 23.50	-2.7
			eS	59 53.00	
SHI	14.04	293	eP	57 43.00	0.2
GBA	14.69	138	Pc	57 47.30	-3.8X
	1.0s		9.90nm		4.2mb X

DMN	16.12	77	iP	58 08.40	-1.5
KSH	16.22	24	P	58 10.00	-0.9
			Lg	03 08.00	
KKN	16.29	76	iP	58 07.20	-4.8X
PKI	16.38	77	iP	58 08.40	-4.9X
KOD	17.44	145	eP	58 27.00	0.4
			eS	01 49.00	
IR2	17.81	311	eP	58 33.00	2.1
LSA	21.63	72	P	59 13.60	-0.2
SLY	21.67	305	ePc	59 14.50	1.0
			eS	03 15.00	
BHD	21.74	298	ePd	59 15.00	0.7
			i	03 18.00	
SHL	22.16	83	iP	59 19.00	0.3
			iS	03 26.00	
MSL	23.73	305	eP	59 38.50	4.7X
RTB	25.00	295	eP	59 50.00	3.8X
			iS	04 25.00	
WMQ	25.13	36	P	59 48.80	1.5
CHG	29.86	95	iPc	00 31.00	0.4
	1.0s		17.50nm		4.8mb
GTA	30.84	54	P	00 37.20	-2.0
KMI	31.98	82	Pc	00 51.00	1.5
N	14s		2.50um		
			S	06 05.00	
CD2	32.59	71	eP	00 54.20	-0.3
LZH	33.15	62	eP	01 00.50	1.0
XAN	37.08	66	P	01 32.40	-0.5
PSI	37.55	121	ePd	01 37.70	0.7
			e	04 46.00	
VRI	38.67	313	eP	01 50.00	3.9X
MLR	39.07	312	ePd	01 52.00	2.4
VAY	40.49	305	eP	02 02.00	0.8
SKO	41.43	306	iP	02 09.20	0.3
OHR	41.78	305	eP	02 04.30	-7.5X
BJI	43.31	57	eP	02 25.00	0.8
			eS	09 26.00	
KRA	44.28	317	ePc	02 34.40	2.4
			e	02 39.20	
NJ2	45.45	69	Pd	02 42.00	0.4
SUF	46.67	335	iP	02 50.80	0.0
	0.6s		3.70nm		4.5mb
KSP	46.74	317	eP	02 53.00	1.4
KJF	46.98	338	eP	02 50.00	-3.2X
LJU	46.98	311	(P)	02 54.80	1.3
			e	04 47.00	
PRU	47.64	316	eP	02 58.50	-0.2
			Sg	08 13.50	
KHC	48.10	315	P	03 02.80	0.5
BRG	48.20	317	iP	03 04.20	1.2
	1.5s		33.00nm		5.1mb
			e	03 19.00	
CLL	48.87	317	eP	03 09.00	0.9
	2.5s		120.00nm		5.5mb
			iSg	08 07.00	
			eSg	24 55.00	
SOD	49.29	341	iP	03 11.70	0.5
OGA	49.48	311	iPd	03 13.20	0.0
MOX	49.61	316	eP	03 14.50	0.6
	1.8s		62.00nm		5.3mb
			LQ	27 00.00	
			LR	30 00.00	
CN2	50.46	53	eP	03 21.40	1.0
BNG	51.10	255	iPd	03 25.80	0.1
	0.7s		22.00nm		5.2mb
			id	04 10.10	
			ic	04 22.30	
CDF	52.15	313	eP	03 32.20	-1.1
NB2	52.29	329	P	03 32.70	-1.4
	0.7s		4.40nm		4.5mb
LPG	52.36	309	eP	03 34.10	-1.1
	0.8s		5.30nm		4.6mb
BSF	52.43	312	eP	03 34.40	-1.1
	0.9s		13.10nm		4.9mb
MAU	52.74	312	eP	03 36.60	-1.1
MDJ	53.45	52	Pc	03 42.90	0.0
MTD	54.17	224	iPd	03 48.70	0.2
LBF	54.31	311	eP	03 48.20	-1.1
	1.0s		14.00nm		4.9mb
LOR	54.40	311	eP	03 48.80	-1.1
SMF	54.50	311	eP	03 49.00	-1.0
	0.9s		12.10nm		4.9mb
SSF	54.64	311	eP	03 50.80	-0.8
	0.7s		7.70nm		4.8mb
AVF	54.74	311	eP	03 51.20	-1.1
	0.8s		5.90nm		4.7mb
GRC	54.93	311	iPd	03 53.50	-0.2

BGF	55.09	311	eP	03 54.30	-0.6
MZF	55.27	310	eP	03 55.80	-0.5
	0.9s		9.80nm		4.8mb
KRI	55.46	225	eP	03 56.30	-1.7
TCF	55.53	310	eP	03 57.40	-0.8
CAF	55.67	309	eP	03 58.70	-0.5
	0.8s		9.40nm		4.9mb
LSF	56.01	310	eP	04 00.70	-0.8
RJF	56.05	309	eP	04 01.30	-0.5
LPO	56.31	308	eP	04 03.20	-0.5
MLS	56.49	306	iPd	04 04.00	-1.1
LFF	56.62	309	eP	04 05.30	-0.6
EPH	57.03	306	eP	04 07.00	-1.9
BUL	58.54	224	iPd	04 20.10	0.2
	1.0s		6.50nm		4.7mb
MAL	60.76	61	(P)	04 33.00	-1.8
	1.8s		104.55nm		5.7mb
Z	20s		0.71um		4.8Msz
			(S)	13 30.00	
IFO	62.75	296	iP	04 48.00	-0.4
KIC	71.16	268	eP	05 42.40	0.6
WRA	78.89	118	P	06 27.00	1.2
	1.1s		14.10nm		4.9mb
WBA	78.90	118	eP	06 25.50	-0.4
MBC	79.01	2	eP	06 26.00	0.5
INK	85.80	8	eP	07 02.00	1.2
COL	86.44	14	eP	07 05.00	1.0
CTA	88.74	113	iPd	07 17.30	1.5
TPA	136.92	265	PKP	13 49.40	3.3X
ZOBO	137.64	273	ePKP	13 42.00	-5.8X
Z	24s		0.33um		5.0MszX
			LR	01 20.00	
CNCB	137.68	272	ePKP	13 40.00	-7.9X
			i	13 50.00	
LPB	137.70	273	ePKP	13 39.00	-8.7X
Z	20s		0.35um		5.1Msz
			LR	01 10.00	

S.D. = 1.1 on 72 of 86 obs.

• DEC 17, 1985 08h 32m 31.43± 1.45s
18.244 S ±17.4km 35.124 E ± 9.9km
DEPTH = 10.0km (geophysicist)
MOZAMBIQUE (581)

TET	2.56	324	iPn	33 14.00	0.4
			i	33 21.00	
			iSn	33 41.00	
MTA	3.68	293	iPn	33 29.20	-0.5
			ePg	33 37.70	
			iSn	34 08.00	
NPA	5.05	52	iP	33 49.00	-0.1
			iS	34 39.00	
KRI	5.44	284	iPn	33 54.70	0.0
			iSn	34 54.00	
			eSg	35 17.00	
BUL	6.44	252	ePn	34 09.00	0.2
			iSg	35 53.00	

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

DEC 17, 1985 08h 54m 23.13± 0.60s
39.278 N ± 5.1km 27.607 E ± 7.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.92	197	iPg	54 40.60	-0.1
			iSg	54 55.40	
EDC	1.09	10	iPn	54 43.10	-0.4
EZN	1.13	299	iPn	54 45.10	0.8
CTT	1.97	18	ePn	54 57.00	0.1
ISK	2.10	31	ePn	55 02.30	3.5X
YER	2.20	166	ePn	55 00.00	-0.4
GPA	2.31	63	ePn	55 03.00	1.1
DMK	2.54	3	iPn	55 04.30	-0.8
KDZ	2.92	325	iP	55 11.00	0.5
			eS	55 43.00	
DIM	3.16	332	eP	55 18.00	4.1X
PVL	4.28	335	eP	55 29.00	-0.7

S.D. = 0.8 on 9 of 11 obs.

• DEC 17, 1985 09h 49m 49.73± 0.92s
50.254 N ± 9.7km 12.409 E ± 8.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.0 (GRF).

MOX	0.64	308	ePg	50 02.50	-0.1
			iSg	50 11.50	

GRF	0.95	234	ePg	50 07.80	-0.1
			eSg	50 20.30	
			eLg	50 22.40	
GRFO	0.95	234	eP	50 08.00	0.1
CLL	1.12	19	iPg	50 10.90	0.1
			iSg	50 26.80	
BRG	1.16	57	iPg	50 11.30	-0.1
			iSg	50 26.30	
S.D. = 0.2			on	5 of 5 obs.	

DEC 17, 1985 10h 15m 26.55± 0.66s
50.211 N ± 6.3km 12.442 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.3 (GRF).

MOX	0.68	310	ePg	15 40.00	-0.1
			iSg	15 49.00	
GRF	0.94	237	iPg	15 44.70	0.1
			eSg	15 57.00	
CLL	1.16	18	iPg	15 48.20	0.0
			iSg	16 03.10	
BRG	1.17	55	iPg	15 48.20	-0.1
			iSg	16 03.20	
KHC	1.31	145	iPg	15 50.50	-0.3
			Sg	16 07.50	
PRU	1.37	99	Pg	15 52.00	0.3
			Sg	16 09.60	
S.D. = 0.3			on	6 of 6 obs.	

DEC 17, 1985 10h 47m 12.20± 0.65s
50.230 N ± 6.3km 12.451 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.0 (GRF).

MOX	0.68	308	iPg	47 25.50	-0.1
			iSg	47 34.50	
GRF	0.96	236	ePg	47 30.50	0.0
			eSg	47 42.80	
			eLg	47 45.10	
CLL	1.14	18	Pg	47 33.70	0.2
			Sg	47 49.20	
BRG	1.15	55	iPg	47 33.70	0.0
			iSg	47 48.70	
KHC	1.32	146	iPg	47 36.80	0.2
			Sg	47 54.00	
PRU	1.37	99	Pg	47 37.00	-0.3
			Sg	47 54.50	
			e	47 55.30	
S.D. = 0.2			on	6 of 6 obs.	

DEC 17, 1985 11h 26m 53.46± 0.60s
50.189 N ± 6.1km 12.436 E ± 5.7km
DEPTH = 7.7 ± 5.8 km
GERMANY (543)
ML 3.7 (VKA), 3.4 (KBA), 3.4 (FUR), 2.7 (GRF).

HOF	0.38	289	iPgd	27 00.80	-0.4
MOX	0.70	311	iPg	27 06.50	-0.9
			iSg	27 16.00	
GRF	0.93	238	iPgc	27 11.50	0.1
			eSg	27 23.90	
			eLg	27 26.30	
WET	1.08	164	iPgc	27 14.20	0.1
CLL	1.18	18	iPg	27 14.90	-0.8
			iSg	27 30.30	
BRG	1.18	54	iPgc	27 15.20	-0.5
			iSg	27 29.20	
KHC	1.29	145	iPg	27 17.00	-0.7
			iSg	27 34.00	
PRU	1.37	98	ePn	27 17.50	-1.4
			iPg	27 18.20	
			Sg	27 35.50	
FUR	2.16	201	iPnc	27 33.80	3.5X
			iPgc	27 36.60	
KSP	2.55	74	ePn	27 37.50	1.7
			iPg	27 42.00	
			iS	28 12.00	
TNS	2.56	272	ePb	27 43.80	7.8X
			eSg	28 13.40	
			eSg	33 37.40	
			eSg	42 35.50	
KBA	3.17	169	iPnc	27 45.20	0.4
			iSn	28 21.70	
			iSg	28 35.70	
SCE	3.19	189	ePn	27 43.70	-1.4
VKA	3.19	126	i(Pg)	27 53.60	8.7X
			i	28 34.00	
GWF	3.36	251	ePg	27 00.00	-47.3X
			eSg	27 39.40	
CDF	3.82	244	Pn	27 52.00	-1.9
	0.4s		26.00nm		
			Pg	28 04.60	
			Sg	28 52.30	
WLF	4.09	265	Pg	26 31.40	-86.2X
			e	29 03.70	
BSF	4.40	240	Pg	28 14.90	12.7X
	0.4s		27.00nm		
			Sg	29 11.00	
HAU	4.56	244	Pg	28 18.20	13.9X
	0.4s		25.00nm		
			Sg	29 16.40	
TRI	4.57	168	eP	28 55.20	50.7X
			e	29 24.30	
DOU	5.04	272	Pn	28 13.40	2.2
			e	28 23.50	
S.D. = 1.4			on	13 of 21 obs.	

DEC 17, 1985 11h 32m 17.49± 0.50s
50.216 N ± 4.8km 12.452 E ± 4.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.7 (GRF).

HOF	0.38	285	iPgd	32 25.20	-0.1
MOX	0.69	309	iPg	32 31.00	-0.1
			iSg	32 40.00	
GRF	0.95	237	iPgc	32 35.80	0.2
			eSg	32 48.30	
			eLg	32 50.70	
WET	1.11	165	iPgd	32 38.50	0.2
CLL	1.15	18	iPg	32 39.10	0.1
			iSg	32 54.20	
BRG	1.16	55	iPgc	32 39.20	0.1
			i	32 50.10	
			iSg	32 53.70	
KHC	1.31	146	iPg	32 41.50	-0.2
			Sg	32 59.50	
PRU	1.36	99	Pg	32 42.40	-0.1
			eSg	32 59.80	
S.D. = 0.2			on	8 of 8 obs.	

* DEC 17, 1985 11h 32m 32.17± 0.66s
31.539 S ± 7.8km 68.494 W ±11.9km
DEPTH = 130.8 ± 9.9 km
SAN JUAN PROVINCE, ARGENTINA (137)

ZON	0.16	268	iPd	32 50.50	-0.1
RTLL	0.21	6	iPd	32 50.40	-0.3
CFA	0.23	107	iPd	32 50.40	-0.3
			S	33 02.20	
RTCV	0.32	186	iPc	32 50.40	-0.6
FCH	2.34	220	eP	33 12.50	1.2
			i(S)	33 41.00	
PEL	2.45	229	iPc	33 12.30	0.0
			iS	33 41.40	
BACH	2.47	223	iPc	33 13.60	0.9
			i	33 44.50	
ROCH	2.57	236	iPc	33 13.70	-0.3
			i(S)	33 42.00	
			i	33 43.50	
PCH	2.69	219	eP	33 16.00	0.6
			i(S)	33 48.00	
			i	33 49.30	
VCA	2.80	5	iPd	33 20.80	3.8X
			S	33 56.00	
TACH	2.95	224	iP	33 18.90	0.1
			i(S)	33 51.00	
			i	33 52.80	
CHCH	3.00	217	iPd	33 20.20	0.7
			i	33 56.20	
RFA	3.22	180	e(P)	33 22.10	-0.4
			S	34 08.90	
LNV	3.44	225	iPd	33 23.60	-1.6
			iS	33 55.40	
SLA	7.28	22	ePd	34 20.20	2.7
VBA	8.42	142	ePc	34 32.30	-0.4
CNCB	14.67	2	eP	35 57.00	2.0
LPB	14.94	1	Pc	35 56.00	-2.3
ZOBO	15.21	1	P	35 59.90	-1.9
			i	36 06.30	
S.D. = 1.4			on	18 of 19 obs.	

DEC 17, 1985 11h 41m 14.60± 0.50s
50.220 N ± 4.9km 12.447 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.6 (GRF).

HOF	0.38	285	iPgd	41 22 26	-0.2
MOX	0.68	309	iPg	41 28 00	-0.1
			iSg	41 37.00	
GRF	0.95	237	iPgc	41 33.00	0.3
			eSg	41 45.40	
			eLg	41 47.80	
WET	1.11	165	iPgd	41 35.60	0.1
CLL	1.15	18	iPg	41 36.20	0.2
			iSg	41 51.60	
BRG	1.16	55	iPgc	41 36.10	-0.2
			iSg	41 51.20	
KHC	1.31	146	iPg	41 38.50	-0.4
			iSg	41 56.40	
PRU	1.37	99	Pg	41 40.00	0.3
			Sg	41 57.00	
S.D. = 0.3			on	8 of 8 obs.	

DEC 17, 1985 12h 27m 12.55± 0.75s
50.214 N ± 6.8km 12.465 E ± 7.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 1.8 (GRF).

MOX	0.69	309	ePg	27 26.00	-0.3
			iSg	27 35.00	
GRF	0.96	237	ePg	27 31.00	0.2
			eSg	27 43.50	
GRF	0.96	237	ePg	27 45.70	14.9X
CLL	1.15	17	iPg	27 34.30	0.3
			iSg	27 49.90	
BRG	1.15	54	iPg	27 34.00	-0.1
			iSg	27 59.00	
KHC	1.30	146	ePg	27 36.60	-0.1
			Sg	27 54.00	
S.D. = 0.3			on	5 of 6 obs.	

DEC 17, 1985 12h 40m 14.63± 0.95s
50.222 N ± 8.0km 12.434 E ± 8.7km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.67	309	ePg	40 28.00	0.0
			eSg	40 37.00	
CLL	1.15	18	iPg	40 36.20	0.1
			iSg	40 51.90	
BRG	1.16	55	iPg	40 36.20	-0.2
			iSg	40 51.20	
KHC	1.32	145	ePg	40 39.00	0.0
			Sg	40 55.50	
PRU	1.38	99	ePg	40 40.00	0.2
			eSg	40 58.00	
S.D. = 0.2			on	5 of 5 obs.	

DEC 17, 1985 12h 54m 54.41± 1.02s
6.469 S ± 6.1km 129.999 E ± 7.4km
DEPTH = 158.6 ± 12.0 km
4.9mb (9 obs.)
BANDA SEA (280)

AAI	3.30	327	ePc	55 47.30	0.9
KUPT	7.31	240	ePd	56 40.70	1.8
			eS	57 59.50	
KNA	9.30	187	iPd	57 03.40	-2.7
	0.2s		100.00nm		6.0mb X
TZZ	11.23	84	iPc	57 30.10	-1.4
WRA	14.04	163	Pc	58 03.30	-4.4X
	0.5s		14.50nm		4.6mb X
WB2	14.05	163	eP	58 03.20	-4.5X
ISQ	16.92	148	eP	58 42.00	-1.3
			eS	01 38.00	
PMG	17.24	101	eP	58 48.00	0.8
ASPA	17.51	168	eP	58 49.00	-1.4
	0.8s		72.00nm		5.1mb
			eS	01 57.00	
WBN	19.83	189	iPc	59 15.60	0.6
ALOA	20.51	102	eP	59 23.00	1.1
CTA	20.79	132	iP	59 26.80	2.1
	0.9s		9.66nm		4.2mb
NAU	21.24	220	eP	59 30.00	1.0
	0.5s		16.00nm		4.7mb
			eS	03 24.00	

17d 12h

PGP	21.78	336	ePc	59	36.00	1.6
	1.0s	163.00nm			5.4mb	
MAN	22.78	337	eP	59	47.00	2.9
MEK	22.81	207	eP	59	46.00	1.6
	0.5s	10.00nm			4.5mb	
			eS	04	00.00	
MRWA	26.21	209	eP	00	16.00	-0.2
	0.4s	5.00nm			4.5mb	
			eS	05	17.00	
KLB	27.49	203	eP	00	28.00	0.2
STK	27.51	158	eP	00	32.00	4.1X
			e	00	56.00	
			e	05	45.00	
PSI	32.33	285	eP	01	10.00	-0.8
			e	02	21.50	
YOU	32.47	151	eP	01	12.60	0.8
CAN	33.62	151	eP	01	22.70	1.0
WAM	34.27	152	eP	01	30.90	3.7X
CHG	39.60	310	eP	02	12.50	0.4
MAT	43.47	10	iPc	02	42.40	-1.0
XAN	44.96	335	Pc	02	54.60	-0.8
BJI	48.00	346	eP	03	18.50	-0.6
CN2	50.20	356	eP	03	34.50	-1.4
MDJ	50.85	360	Pc	03	40.70	-0.1
GTA	53.51	331	eP	03	59.80	-1.0
PKI	54.78	310	iPc	04	09.80	-0.7
	0.5s	12.00nm			5.0mb	
KKN	54.99	310	iPc	04	11.40	-0.5
	0.5s	18.00nm			5.1mb	
DMN	55.03	310	iPc	04	11.80	-0.5
	0.5s	17.00nm			5.1mb	
GBA	55.86	291	P	04	18.00	0.0
HYB	56.08	296	eP	04	18.00	-1.7
S.D. = 1.3 on 31 of 35 obs.						
DEC 17, 1985 13h 46m 13.69± 0.39s						
42.240 N ± 5.3km 19.825 E ± 3.7km						
DEPTH = 10.0km (geophysicist)						
3.4mb (1 obs.)						
YUGOSLAVIA (383)						
DUR 3.5 (TTG).						
PVY	0.37	17	iPg	46	19.50	-1.9
			eSg	46	25.00	
TTG	0.46	295	iPg	46	23.50	0.5
			eSg	46	32.00	
ULC	0.51	237	iPg	46	25.60	1.6
			eSg	46	35.50	
IVA	0.63	5	iPg	46	24.50	-2.0
			eSg	46	34.20	
BDV	0.74	274	iPg	46	29.50	1.3
			eSg	46	43.00	
NKY	0.84	313	ePg	46	29.60	-0.3
			eSg	46	44.00	
HCY	1.01	282	ePg	46	34.00	1.3
			eSg	46	51.00	
BRY	1.15	305	ePg	46	35.70	0.3
			eSg	46	54.40	
SKO	1.23	102	iPn	46	35.00	-1.6
			iSn	46	54.00	
OHR	1.34	147	iPn	46	38.20	-0.3
			iSn	46	57.80	
VAY	2.25	113	iPn	46	50.70	-0.8
GRG	2.32	123	iPc	46	52.80	0.3
KNT	2.54	114	eP	46	54.60	-1.0
LIT	2.93	136	eP	47	03.10	1.8
			eS	47	54.60	
SOH	3.00	117	ePc	47	02.00	-0.2
SRS	3.04	110	ePd	47	02.50	-0.2
			eS	47	53.50	
CLO	3.58	36	iPc	47	10.00	-0.1
OUR	3.67	120	iPc	47	11.40	-0.2
PAIG	3.72	127	iPd	47	12.30	-0.1
DEV	4.26	30	ePc	47	22.00	1.9
CMP	4.84	50	ePc	47	31.00	2.7
CEY	5.23	314	iPn	47	36.50	2.6
	1.5s	343.00nm			5.8mb X	
			eSn	48	39.20	
[illegible]	5.38	317	ePn	47	37.00	1.9
	1.5s	640.00nm			6.0mb X	
			eSn	48	44.00	
MLR	5.49	52	ePd	47	39.00	1.4
TRI	5.58	310	ePn	47	39.50	0.8
			iSn	48	44.50	
			iSg	49	16.50	
			i	49	20.40	
VOY	5.71	314	iPn	47	42.30	1.7
			iSn	48	49.90	
KBA	6.69	319	iPnd	47	56.30	1.8
			iSn	49	14.40	
			i	50	06.80	
KHC	8.16	330	eP	48	16.20	1.3
			e	49	51.50	
FRF	9.76	282	eP	48	36.50	-0.6
LMR	9.85	281	eP	48	37.70	-0.7
LRG	9.97	282	eP	48	38.90	-1.0
	0.5s	4.90nm			5.2mb X	
LPG	9.99	293	eP	48	40.60	0.1
	0.5s	4.30nm			5.2mb X	
CDF	10.77	309	eP	48	49.10	-1.9
BSF	10.78	306	eP	48	49.90	-1.3
HAU	11.12	306	eP	48	54.20	-1.6
SMF	12.24	297	eP	49	09.20	-1.7
	0.7s	7.00nm			5.0mb X	
LBF	12.24	298	eP	49	09.20	-1.8
	0.7s	3.30nm			4.7mb X	
LOR	12.41	299	eP	49	12.20	-1.0
	0.5s	2.90nm			4.8mb X	
SSF	12.58	298	eP	49	13.90	-1.5
AVF	12.60	297	eP	49	14.40	-1.3
NB2	19.54	347	P	50	44.40	0.3
	0.7s	1.50nm			3.4mb	
S.D. = 1.4 on 41 of 41 obs.						
DEC 17, 1985 14h 47m 50.00± 0.27s						
3.746 N ± 4.5km 126.655 E ± 7.6km						
DEPTH = 33.0km (normal)						
4.9mb (12 obs.)						
TALAUD ISLANDS (263)						
DAV	3.49	342	eP	48	47.00	3.7X
AAI	7.54	168	eP	49	42.00	1.5
MAN	12.16	333	eP	50	47.00	3.1X
KNA	19.48	174	eP	52	16.00	-1.3
HKC	22.06	328	e(P)	52	44.00	0.2
WRA	24.72	162	Pd	53	08.90	-0.9
	0.8s	45.60nm			5.1mb	
WB2	24.73	162	iPd	53	09.10	-0.8
			eS	57	32.00	
IPM	25.57	273	ePd	53	20.00	2.0
MBL	25.64	195	eP	53	20.50	2.1
SSE	27.69	350	eP	53	37.50	0.4
PSI	27.71	269	eP	53	39.00	1.5
	0.8s	7.50nm			4.4mb	
			e	55	35.60	
LOE	27.95	301	eP	53	22.00	-17.7X
			e	03	15.00	
ASPA	28.15	166	eP	53	43.00	1.6
WHN	29.08	338	eP	53	49.50	-0.2
NJ2	29.10	346	Pc	53	51.00	1.2
WBN	29.71	180	eP	53	55.60	0.2
CHG	30.95	301	iPc	54	06.50	0.0
	0.8s	11.94nm			4.7mb	
MEK	31.18	194	eP	54	09.00	0.5
	0.4s	8.00nm			4.9mb	
MRWA	34.33	197	eP	54	36.00	0.1
XAN	34.37	333	Pc	54	34.70	-1.5
CD2	34.59	324	eP	54	37.60	-0.5
DL2	35.29	353	eP	54	45.10	1.2
BJI	37.35	347	eP	55	02.00	0.7
SNY	38.02	356	iPc	55	07.80	1.0
STK	38.17	159	eP	55	07.00	-1.3
LZH	38.45	330	P	55	11.50	0.7
	1.3s	103.00nm			5.5mb	
HHC	39.36	342	P	55	17.00	-1.3
SHL	39.81	306	iP	55	22.00	-0.2
CN2	39.90	359	Pc	55	22.40	-0.1
BRS	39.92	142	P	55	27.20	4.3X
MDJ	40.78	3	iPc	55	30.70	0.9
LSA	42.37	311	Pd	55	43.30	-0.3
WAM	44.84	154	eP	56	01.70	-1.2
PKI	45.90	305	eP	56	11.30	-0.6
	0.7s	7.00nm			4.7mb	
KKN	46.09	306	eP	56	12.70	-0.6
DMN	46.16	305	eP	56	13.40	-0.5
	0.8s	19.00nm			5.1mb	
DZM	46.61	125	iPc	56	17.30	0.1
NOU	46.72	126	iPc	56	17.50	-0.5
HYB	49.04	290	eP	56	36.00	-0.2
KOD	49.20	280	eP	56	37.00	-0.9
GBA	49.54	285	P	56	39.00	-1.1
WMQ	52.67	325	P	57	03.00	-0.5
POO	53.64	290	iPc	57	09.50	-1.5
MSZ	60.67	147	P	58	00.60	0.3
QUE	62.07	302	iPd	58	31.60	21.2X
IR2	76.26	306	eP	59	38.00	0.4
AVY	80.76	250	eP	00	02.00	-0.5
COL	84.74	25	eP	00	22.00	0.2
INK	90.18	21	eP	00	47.00	-1.0
SOD	90.42	338	eP	00	51.00	1.8
KJF	90.55	334	eP	00	50.00	0.2
	0.5s	16.80nm			5.6mb	
SUF	91.50	333	iP	00	54.00	-0.2
	0.7s	1.50nm			4.5mb	
MBC	91.95	13	eP	00	58.00	1.9
SPA	93.72	180	eP	01	04.00	-0.6
	1.1s	2.38nm			4.5mb	
HFS	97.97	332	eP	01	22.70	-1.2
	0.6s	2.80nm			5.0mb	
NB2	98.74	334	P	01	26.00	-1.4
	0.8s	3.80nm			5.0mb	
S.D. = 1.0 on 51 of 56 obs.						
DEC 17, 1985 14h 56m 50.42± 0.60s						
4.458 S ± 6.4km 128.419 E ± 7.3km						
DEPTH = 228.4 ± 6.8 km						
5.2mb (12 obs.)						
BANDA SEA (280)						
AAI	0.80	344	ePd	57	21.30	-1.0
KUPT	7.40	220	ePc	58	38.60	1.9
KNA	11.23	178	eP	59	25.00	-0.8
TZZ	12.78	94	eP	59	44.00	-1.5
KHKI	13.31	252	ePc	59	53.30	1.3
			eS	02	26.20	
			e	06	47.30	
KKM	16.04	310	ePd	00	26.00	0.4
	0.9s	234.50nm			5.6mb	
WRA	16.44	160	Pd	00	28.10	-2.1
	0.5s	52.20nm			5.2mb	
WB2	16.44	160	iPc	00	27.90	-2.4
			iS	03	23.70	
			iPcP	03	37.20	
MDG	17.32	93	eP	00	40.00	0.3
MBL	18.58	206	iPd	00	51.60	-1.3
	0.4s	10.00nm			4.7mb	
PMG	19.23	106	e(P)	01	02.00	2.4
ISQ	19.45	147	eP	01	02.00	0.2
ASPA	19.82	165	iPc	01	05.30	-0.2
	0.8s	284.00nm			5.9mb	
MAN	20.34	339	eP	01	14.00	3.3X
WBN	21.63	184	iPc	01	24.80	1.5
CTA	23.30	133	iP	01	41.00	1.5
	0.8s	6.72nm			4.3mb	
MEK	23.97	202	eP	01	45.00	-0.7
MRWA	27.30	204	eP	02	16.00	0.0
IPM	28.80	288	ePc	02	29.20	-0.4
	1.0s	32.50nm			5.0mb	
STK	29.95	157	eP	02	39.00	-0.5
NNT	33.16	301	eP	03	07.90	0.4
NST	34.41	306	eP	03	09.00	-9.2X
YOU	34.99	150	eP	03	23.30	0.4
KHT	35.21	303	eP	03	26.00	1.1
CAN	36.13	151	eP	03	33.40	1.0
BDT	36.18	307	eP	03	35.10	2.1
	0.6s	60.70nm			5.3mb	
WAM	36.77	152	eP	03	39.40	1.6
CHG	37.12	309	iPd	03	41.80	0.9
	1.2s	144.53nm			5.4mb	
			eS	08	24.00	
KMI	38.56	321	eP	03	54.00	0.9
BJI	45.69	347	eP	04	49.50	-0.7
SHL	46.34	312	iP	04	55.50	-0.4
LZH	46.44	332	iPd	04	57.00	0.5
PKI	52.29	310	iPd	05	40.90	-0.4
KKN	52.50	310	iPd	05	42.50	-0.2
DMN	52.54	310	iPd	05	43.00	0.0
GBA	53.68	290	P	05	49.00	-2.3
			e	05	49.60	
HYB	53.80	295	iPd	05	50.70	-1.5
	1.0s	55.00nm			5.1mb	
POO	58.40	295	iPc	06	23.20	-1.5
NDI	59.20	307	iPd	06	28.00	-2.0
	0.6s	33.33nm			5.2mb	
IR2	82.49	307	eP	08	50.40	1.3
SUF	99.56	333	iP	10	07.30	-1.2
	0.5s	2.30nm			4.9mb	
HFS	105.99	332	ePdiff	10	36.20	-0.9
	0.5s	2.40nm			5.6mb	
YKA	106.16	26	ePKP	14	49.50	1.0
KIC	133.34	275	ePKP	15	43.10	1.2

TPZ	150.75	152	iPKP	16	21.00	8.7X
ITA	152.50	194	ePKP	16	23.40	8.6X
CNCB	153.37	143	PKP	16	26.00	9.6X
LPB	153.51	142	PKP	16	24.70	8.3X
ZOBO	153.70	142	ePKP	16	11.00	-5.9X
			e	16	25.00	

S.D. = 1.3 on 42 of 49 obs.

* DEC 17, 1985 16h 30m 31.31± 2.17s
39.466 N ± 9.1km 26.314 E ±23.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EZN	0.36	1	iPg	29	48.60	-50.1X
			iSg	29	55.10	
EZN	0.36	1	iPg	30	39.10	0.4
			iSg	30	45.10	
IZM	1.30	145	iPn	30	55.40	0.0
EDC	1.48	53	iPn	30	58.10	0.1
KCT	1.76	63	iPn	31	02.20	0.2
DMK	2.60	25	ePn	31	13.30	-0.7

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

& DEC 17, 1985 16h 31m 42.31s
60.222 N 143.404 W
DEPTH = 21.8km
SOUTHERN ALASKA (2)
<AGS-P>.

SNH	0.29	98	iP	31	47.23	-1.7
			eS	31	55.28	
WAX	0.36	50	iP	31	48.33	-1.8
			iS	31	57.63	
HMT	0.44	285	iP	31	50.13	-1.3
			iS	31	59.38	
KAIM	0.59	240	iP	31	53.88	0.0
WRG	0.71	104	iP	31	56.13	0.2
YAH	0.84	80	iP	31	57.98	-0.3
			iS	32	12.98	
SGAM	0.94	288	iP	31	59.78	0.0
			iS	32	16.88	
BALM	0.97	32	iP	31	58.95	-1.5
			iS	32	14.85	
GLB	1.24	351	iP	32	03.60	-0.9
			iS	32	22.25	
CTGM	1.26	53	iP	32	04.15	-0.7
			iS	32	23.40	
HIN	1.55	278	iP	32	08.48	-0.4
			iS	32	31.98	
MID	1.68	243	eP	32	10.08	-0.6
			eS	32	34.23	
KLU	1.77	317	iP	32	12.35	0.2
TOA	2.32	326	eP	32	21.00	1.1
COL	5 11	339	e(P)	33	14.00	14.5

15 obs. ossociated

DEC 17, 1985 16h 50m 12.00± 0.50s
50.235 N ± 5.2km 12.440 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.4 (VKA), 3.2 (KBA), 2.4 (GRF)

HOF	0.37	282	iPgd	50	19.60	0.0
MOX	0.67	308	iPg	50	25.00	-0.3
			iSg	50	34.00	
GRF	0.96	236	iPgc	50	30.40	0.2
			eSg	50	42.80	
			eLg	50	45.10	
WET	1.13	165	iPgd	50	39.10	5.9X
CLL	1.13	18	iPg	50	33.50	0.3
			iSg	50	48.50	
BRG	1.15	56	iPgc	50	33.60	0.0
			iSg	50	48.10	
KHC	1.33	146	iPg	50	36.00	-0.6
			Sg	50	53.10	
PRU	1.38	100	ePn	50	36.50	-0.7
			iPg	50	37.30	
			Sg	50	54.30	
			i	50	55.40	
KSP	2.53	75	iPg	50	58.50	4.7X
			iS	51	31.50	
KBA	3.22	169	iPnd	51	03.80	0.1
			iSg	51	54.40	
VKA	3.22	126	ePn	51	04.50	1.0
			i(Sg)	51	58.50	
CDF	3.84	244	Pg	51	24.00	11.5X
	0.8s		40.00nm			
			Sg	52	13.00	
BSF	4.43	239	Pg	51	35.00	14.2X
	0.4s		10.00nm			
			Sg	52	31.20	
HAU	4.58	243	Pg	51	37.50	14.6X
	0.3s		7.00nm			
			Sg	52	37.80	

S.D. = 0.6 on 9 of 14 obs.

? DEC 17, 1985 18h 06m 49.39±10.24s
34.395 S ±80.0km 71.250 W ±28.1km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.46	343	iPc	06	59.40	0.0
			i(S)	07	46.90	
CHCH	0.68	47	iPc	07	02.70	0.2
			i	07	49.70	
TACH	0.78	19	iPc	07	04.40	0.4
			i	07	56.50	
PCH	0.99	39	iPc	07	06.70	-0.3
			i	08	00.50	
BACH	1.22	31	iPd	07	10.20	0.0
			i	08	05.20	
FCH	1.33	37	iPd	07	12.10	0.0
			i	08	05.40	
PEL	1.33	21	iP	07	12.00	0.1
			iS	08	08.80	
ROCH	1.43	8	iPd	07	13.20	-0.3
			i	08	07.50	
			i	08	11.00	
RFA	2.33	100	e(P)	07	08.60	-17.6X

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

DEC 17, 1985 18h 22m 45.48± 0.67s
50.241 N ± 6.4km 12.450 E ± 6.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.67	308	ePg	22	58.50	-0 3
			eSg	23	08 00	
GRFO	0.97	236	eP	23	04.00	0.1
CLL	1.13	18	iPg	23	07.10	0.5
			iSg	23	23.00	
BRG	1.15	56	ePg	23	06.50	-0.4
			iSg	23	21.50	
KHC	1.33	146	Pg	23	10.10	0.0
			Sg	23	26.00	
PRU	1.37	100	Pg	23	10.60	0.0
			eSg	23	28.00	

S.D. = 0.4 on 6 of 6 obs.

DEC 17, 1985 19h 59m 47.51± 0.51s
50.227 N ± 4.9km 12.426 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.6 (GRF).

HOF	0.36	284	iPgd	59	54.80	-0.2
MOX	0.67	309	iPg	00	00.50	-0.3
			iSg	00	09.50	
GRF	0.94	236	iPgc	00	05.90	0.4
			eSg	00	18.40	
			eLg	00	20.60	
WET	1.12	165	iPgd	00	08.60	0.0
CLL	1.14	18	iPg	00	09.30	0.4
			iSg	00	23.90	
BRG	1.17	56	iPgc	00	09.10	-0.2
			iSg	00	24.10	
KHC	1.33	145	iPg	00	11.80	-0.2
			Sg	00	29.80	
PRU	1.38	99	Pg	00	12.90	0.1
			Sg	00	30.00	
			i	00	30.80	

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

* DEC 17, 1985 20h 55m 32.24± 1.95s
51.374 N ±22.8km 15.595 E ±10.2km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.2 (VKA).

BRG	1.15	245	iPg	55	55.60	1.8
			iSg	56	15.10	
PRU	1.54	206	Pn	55	59.50	-0.3
			Pg	56	01.30	
			iSn	56	18.20	
			Sg	56	24.00	
CLL	1.63	269	ePn	56	00.00	-1.0
			i	56	07.90	
			eSg	56	29.00	
KHC	2.59	211	ePn	56	14.00	-0.9
			Pg	56	20.80	
			Sg	57	01.00	
MOX	2.62	255	ePg	56	23.00	7.7X
			iSg	57	03.00	
KRA	3.06	114	eP	55	21.90	0.4
			eS	57	01.10	
VKA	3.15	171	iPgd	56	29.30	6 5X
			i(Sg)	57	13.20	
GRF	3.26	241	ePg	56	39.00	14.6X
			eSg	57	23.00	

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

* DEC 17, 1985 21h 11m 22.07± 0.82s
50.245 N ± 8.9km 12.425 E ± 6.7km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 1.8 (GRF).

MOX	0.66	308	ePg	11	35.00	-0.1
			eSg	11	44.00	
GRF	0.95	235	ePg	11	40.30	0.1
			eSg	11	52.90	
			eLg	11	55.00	
CLL	1.13	19	iPg	11	43.50	0.3
			iSg	11	58.80	
BRG	1.16	56	iPg	11	43.40	-0.3
			iSg	11	58.20	
PRU	1.39	100	ePg	11	47.50	0.1
			Sg	12	05.00	

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

% DEC 17, 1985 21h 23m 42.49± 0.97s
45.970 N ± 6.6km 2.690 E ± 9.6km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.1 (LDG).

MZF	0.26	343	Pg	23	48.30	0 4
			Sg	23	52.60	
TCF	0.46	314	Pg	23	51.60	-0 3
			Sg	23	58.90	
BGF	0.60	10	Pg	23	54.60	0 0
			Sg	24	02.50	
CAF	1.13	203	Pg	24	03.80	0.1
	0.2s		5.00nm			
			Sg	24	18.70	
LBF	1.35	41	Pg	24	07.20	-0 1
	0.2s		2.00nm			
			Sg	24	24.50	

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

DEC 17, 1985 21h 41m 39.76± 0.46s
21.783 S ± 6.3km 176.612 W ± 4.2km
DEPTH = 194.5 ± 4.2 km
5.2mb (31 obs.)
FIJI ISLANDS REGION (181)
CENTROID, MOMENT TENSOR (HRV)
Dato Used: GDSN
L.P.B.: 12S, 22C
Centroid Location:
Origin Time 21:41:45.8 0.5
Lot 21.86S 0.09 Lon 176.63W 0.08
Dep 201.3 2.7 Holf-durotion 1.9
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.44 0.07 Mtt=-0.30 0 13
Mff= 0.74 0.11 Mrt=-0.90 0 07
Mrf=-1.14 0.08 Mtf=-0.08 0.13
Principol Axes:

T	Val= 1.53	Plg=34	Azm=107
N	0.11	19	211
P	-1.65	49	324

Best Double Couple:Mo=1.6*10**24
NP1:Strike=145 Dip=21 Slip=-157
NP2: 34 82 -71

SVA	5.90	307	ePc	43	08.10	1.7
NDF	6.88	305	eP	43	23.30	4.2X
PVC	14.75	283	iPc	45	06.30	5 9X
NOU	15.71	265	iPc	45	17.00	4 8X
DZM	15.73	266	iPc	45	17.00	4 5X
GNZ	17.43	194	P	45	34.00	1 7

17d 21h

			S	48	31.00			ORV	79.80	40	iPd	53	28.30	0.6		VRI	149.34	327	ePKP	01	06.00	3.8X
KRP	17.46	201	P	45	33.90	1.3		WDC	79.84	39	iPd	53	28.90	1.0		SPC	149.55	338	ePKP	01	09.20	6.6X
			e(pP)	45	47.00			TPC	80.03	47	eP	53	30.00	0.9		CLL	149.59	348	ePKP	01	03.00	0.7
MNG	19.94	198	P	45	55.80	-2.6		MAW	80.80	200	eP	53	34.00	1.5		CLL	149.59	348	iPKP	01	07.90	5.6X
			S	49	26.00			MNA	81.17	43	ePd	53	36.10	1.0		CLL	149.59	348	iPKP	01	11.90	9.6X
WEL	20.76	199	eP	46	14.00	7.4X		NJ2	81.69	309	eP	53	37.40	-0.3		WTS	149.73	356	ePKP	01	07.50	5.0X
			S	49	42.00			MDJ	82.31	324	iPc	53	40.70	0.1			1.0s		63.00nm			
TBI	25.11	99	eP	46	48.00	-0.3		EUR	83.16	43	iP	53	46.00	0.5					e	01	12.50	
	1.6s	480.00nm			5.9mb				0.2s	13.40nm			5.3mb			BRG	149.81	347	ePKP	01	03.00	0.3
AFR	25.61	85	eP	46	52.00	-0.9		CN2	84.10	322	eP	53	48.70	-1.0					i	01	08.20	
	1.0s	70.00nm			5.3mb			WHN	84.24	306	eP	53	50.50	-0.2					i	01	12.50	
HNR	25.65	295	eP	46	54.00	0.6		IPM	84.61	277	ePd	53	53.00	0.0					epPKP	02	11.80	
PAE	25.76	86	eP	46	53.00	-1.3			0.9s	29.80nm			5.0mb			MLR	150.00	327	ePKP	01	08.00	4.7X
	1.0s	70.00nm			5.3mb			PSI	85.85	275	eP	54	00.00	0.9		JER	150.00	296	iPKPd	01	09.20	5.5X
PPT	25.79	85	eP	46	54.00	-0.6					e	55	36.00			PRNI	150.43	293	iPKP	01	10.70	6.4X
	1.0s	85.00nm			5.4mb			PMR	85.97	13	eP	53	57.80	-0.8		MOX	150.48	349	iPKP	01	10.00	6.3X
TVO	26.04	86	eP	46	56.00	-0.9			0.7s	1.80nm			4.0mb X				1.6s	136.00nm				
	1.0s	75.00nm			5.4mb			LTX	86.66	57	eP	54	04.30	1.4		PRU	150.51	345	PKP	01	09.50	5.8X
PMO	28.04	81	iP	47	13.80	-1.1			1.0s	9.00nm			4.6mb				1.6s	107.50nm				
	1.2s	140.00nm			5.6mb			PNT	87.00	33	eP	54	04.00	0.1					e	01	16.40	
VAH	28.21	82	iP	47	15.00	-1.5			1.0s	41.00nm			5.2mb			CSS	150.69	303	ePKP	01	10.30	5.8X
	1.2s	55.00nm			5.2mb			ALO	87.20	51	eP	54	06.80	1.4		BNS	150.72	355	ePKP	01	10.80	6.8X
TPT	28.30	81	iP	47	16.20	-1.1			0.9s	6.30nm			4.5mb				1.8s	150.00nm				
	1.2s	130.00nm			5.5mb			NEW	87.66	35	eP	54	07.00	-0.1		ENN	151.00	357	ePKP	01	11.00	6.6X
BRS	28.35	252	iPc	47	18.80	1.0		BJI	87.71	315	eP	54	08.00	0.6			0.8s	23.00nm				
RUV	28.45	82	iP	47	17.40	-1.3		BDW	89.01	43	e(P)	54	14.00	0.1					i	01	18.20	
	1.2s	120.00nm			5.5mb			TIY	89.09	311	eP	54	14.90	0.7		GSH	151.01	356	ePKPc	01	11.30	6.8X
RMO	31.89	255	eP	47	50.00	1.2		CDL	89.22	12	eP	54	12.00	-2.1		UCC	151.03	359	PKPc	01	12.00	7.5X
	1.0s	381.00nm			6.0mb				0.7s	43.15nm			5.5mb			MEM	151.16	357	PKP	01	10.90	6.3X
CAN	32.91	238	eP	47	57.90	0.3		XAN	89.94	307	Pd	54	18.50	0.3					i	01	19.30	
WAM	33.23	237	eP	48	01.90	1.6		KMI	91.08	297	eP	54	25.00	1.2		SNF	151.32	359	PKP	01	11.90	7.0X
CTA	34.67	266	iPd	48	13.10	0.3		HHC	91.17	314	P	54	24.50	0.7					e	01	20.20	
	0.9s	92	44nm		5.4mb			CHG	91.89	289	eP	54	28.00	0.6		SRO	151.39	339	iPKP	01	11.90	6.8X
			i	49	15.00			SES	92.15	36	eP	54	28.00	0.1					e	02	39.80	
			i(S)	53	27.00			YKA	97.13	24	eP	54	51.10	0.7		DMK	151.39	320	iPKP	01	11.80	6.5X
			i(ScP)	54	12.20			GTA	98.78	309	eP	54	58.00	-0.6		ZST	151.44	341	ePKP	01	05.90	0.7
TOO	36.22	236	eP	48	27.00	1.4		PKI	106.52	294	ePKP	59	43.10	-0.8					i	01	12.40	
PMG	36.90	284	eP	48	30.00	-1.5			0.7s	7.00nm						GRF	151.47	349	ePKP	01	03.80	-1.4
ASPA	45.50	258	iPd	49	41.20	-0.4		KKN	106.69	294	ePKP	59	43.40	-0.6		GRF	151.47	349	ePKPd	01	11.90	6.7X
	1.0s	85.00nm			5.2mb				0.7s	8.00nm									e	01	20.90	
			eS	56	06.00			DMN	106.79	293	ePKP	59	43.70	-0.6		KHC	151.53	346	PKPc	01	06.00	0.6
WBC	45.71	263	iPd	49	42.30	-1.0		SOB1	126.75	121	iPKP	00	22.40	-0.1					i	01	12.60	
			e	49	57.80						e	00	30.70						i	01	20.80	
			i	50	23.70						e	01	13.50			VKA	151.62	342	ePKPc	01	13.00	7.5X
			i	51	02.80			ITR	128.97	122	ePKP	00	26.50	-0.2		JMB	151.68	322	ePKP	01	13.00	7.3X
			eS	55	09.00			KEV	129.96	350	ePKP	00	20.00	-6.9X		DOU	151.73	358	PKP	01	12.40	6.9X
WRA	45.72	263	Pd	49	42.40	-0.9		BUL	131.58	212	ePKP	00	32.70	1.0					e	01	21.00	
	0.7s	26.30nm			4.8mb						i	03	42.20			BCK	151.79	310	ePKP	01	10.20	4.0X
WBN	51.76	253	iPd	50	28.70	-1.0		SOD	132.12	348	ePKP	00	28.00	-3.1X		PVL	152.02	325	iPKPc	01	13.00	6.8X
KNA	51.85	267	iPc	50	29.50	-0.9					iSKP	03	41.00			SOP	152.07	341	e(PKP)	01	13.00	6.9X
	0.4s	17.00nm			5.0mb			KRI	133.82	216	ePKP	00	37.70	1.7		WLF	152.09	356	PKP	01	14.30	8.3X
KLG	55.65	247	eP	50	58.00	0.0					i	03	51.00						e	01	23.50	
AAI	56.43	280	eP	51	01.60	-2.0		KJF	134.62	345	ePKP	00	24.00	-11.9X		DIM	152.52	322	iPKPc	01	14.00	7.1X
SBA	56.69	184	iP	51	08.50	3.9X			0.6s	15.60nm						ELL	152.59	309	iPKP	01	14.30	6.9X
	0.9s	30.25nm			5.0mb						i	00	36.00			FLN	152.90	6	ePKP	01	14.00	6.7X
KLB	58.69	245	eP	51	18.00	-1.3					eSKP	03	49.00			LDF	153.10	5	ePKP	01	14.50	7.0X
	0.5s	22.00nm			5.2mb						ePKS	04	05.00			GRR	153.24	6	ePKP	01	14.80	7.1X
MBL	58.75	258	iPd	51	18.30	-1.5		SUF	136.25	345	iPKP	00	25.10	-13.9X		CDF	153.25	354	ePKP	01	15.50	7.6X
	0.4s	24.00nm			5.3mb			IR2	136.50	299	ePKP	00	40.00	-0.6		EZN	153.45	318	iPKP	01	15.20	6.9X
NWAO	58.96	244	eP	51	20.50	-0.6		NUR	138.52	344	iPKP	00	34.00	-9.3X		KBA	153.51	345	iPKP	01	15.60	7.2X
	0.5s	24.00nm			5.2mb						eSKP	04	01.00				0.6s	27.70nm				
RKG	59.01	243	eP	51	22.00	0.6		NAI	140.13	239	ePKP	00	41.00	-6.9X					i	01	24.30	
	0.4s	10.00nm			4.9mb			NB2	140.39	354	PKP	00	37.60	-9.2X					i	01	29.30	
BAL	59.73	246	eP	51	24.50	-1.8			0.7s	6.40nm						LPF	153.57	7	ePKP	01	15.60	7.4X
	0.4s	30.00nm			5.4mb			UPP	140.64	349	iPKP	00	41.00	-6.1X		IZM	153.64	314	ePKP	01	16.60	7.9X
MUN	59.95	245	eP	51	26.20	-1.6		HFS	140.99	352	ePKP	00	39.50	-8.3X		HAU	153.73	356	ePKP	01	16.50	8.0X
MRWA	60.56	248	eP	51	31.00	-1.0			0.5s	10.60nm						BSF	153.87	355	ePKP	01	16.70	7.9X
	0.5s	22.00nm			5.2mb			EDU	144.96	6	iPKPd	00	53.40	-1.3		LJU	154.15	342	ePKP	01	09.30	0.2
NAU	62.35	255	iPd	51	43.30	-0.7		ELO	144.96	7	ePKPd	00	53.40	-1.4					e	01	17.80	
	0.5s	41.00nm			5.5mb			MUD	145.10	354	iPKPc	00	54.10	-0.8		VOY	154.34	343	e(PKP)	01	05.00	-4.5X
SPA	68.35	180	iPd	52	24.10	2.2			0.7s	150.00nm									i	01	16.50	
	1.0s	37.50nm			5.1mb			EAB	145.16	8	iPKPd	00	54.10	-1.0		GRC	154.55	0	iPKPd	01	18.70	9.2X
MAI	72.01	323	iPc	52	41.90	-2.2		EBH	145.20	7	iPKPd	00	54.40	-0.8					i	01	33.60	
	0.7s	29.45nm			5.1mb			LWI	145.55	229	ePKPd	00	58.50	1.2		LOR	154.57	359	ePKP	01	18.50	8.9X
ADK	73.35	360	eP	52	50.20	-1.2		EAU	145.60	7	ePKPd	00	55.70	-0.2		TRI	154.67	343	ePKP	01	17.60	7.9X
	0.5s	7.00nm			4.6mb			ESY	145.62	6	ePKPd	00	55.50	-0.4					e	01	33.00	
PRS	77.86	43	ePd	53	18.60	1.3		EBL	145.72	6	ePKPd	00	56.00	-0.1		VAY	154.67	325	ePKP	01	18.30	8.4X
GDG	77.91	42	eP	53	18.90	1.0		EKA	146.14	7	PKPc	00	57.80	1.1		SSF	154.78	360	ePKP	01	19.20	9.3X
SAO	78.08	42	eP	53	19.10	0.6			2.0s	240.20nm						SKO	154.80	327	ePKP	01	19.00	8.9X
PPT	78.19	43	ePd	53	20.70	1.4		KRA	148.91	339	iPKPd	01	05.00	3.7X		LBF	154.85	359	ePKP	01	19.10	9.1X
AHC	78.32	42	eP	53	21.10	1.1					e	01	07.40			BGF	155.28	1	ePKP	01	20.00	9.4X
AWC	78.74	46	eP	53	23.00	0.6		WIT	148.92	356	ePKPc	01	07.00	5.8X		LSF	155.55	3	ePKP	01	20.40	9.4X
ELM	79.05	47	eP	53	24.00	-0.1		BHL	149.15	300	PKPd	01	06.50	4.1X		BNG	157.34	223	ePKPd	01	13.80	-0.5
SBB	79.17	46	eP	53	17.00	-7.5X		HRI	149.23	299	iPKP	01	07.50	5.0X			0.5s	20.00nm				
SA	79.32	45	eP	53	26.00	0.7		KSP	149.28	344	ePKPc	01	02.50	0.6					ic	01	42.90	
TRI	79.32	43	eP	53	26.00	0.8			0.9s	142.00nm									id	01	52.50	
JAS1	79.45	42	iPd	53	26.70	0.8					ic	01	06.50						ic	02	36.80	

KIC	162.77	152	ePKP	01 20.70	0.7
			e	02 12.00	

S.D. = 1.1 on 104 of 173 obs.

DEC 17, 1985 21h 42m 18.84± 0.49s
50.237 N ± 6.4km 12.380 E ± 4.8km
DEPTH = 22.8 ± 7.7 km
GERMANY (543)
ML 3.3 (KBA), 3.2 (VKA), 2.7 (GRF).

HOF	0.33	283	iPgd	42 25.80	-0.4
MOX	0.64	310	iPg	42 31.50	0.3
			iSg	42 41.00	
GRF	0.93	234	iPgc	42 36.70	0.6
			eSg	42 49.00	
			eLg	42 51.70	
WET	1.14	163	iPgd	42 39.10	-0.4
CLL	1.14	20	iPg	42 40.00	0.5
			iSg	42 54.40	
BRG	1.18	57	iPgc	42 39.50	-0.5
			iSg	42 55.10	
KHC	1.35	144	iPg	42 42.50	0.0
			iSg	42 59.70	
PRU	1.41	99	Pg	42 43.60	0.3
			Sg	43 00.50	
			i	43 01.50	
TNS	2.52	271	ePb	43 07.60	8.3X
			eSg	43 39.60	
KSP	2.57	75	eP	43 04.50	4.6X
	0.4s		66.00nm		
			iS	43 37.50	
KBA	3.23	168	iPnd	43 10.00	0.6
			iSn	43 45.30	
			iSg	44 00.20	
VKA	3.25	126	e(Pg)	43 19.00	9.5X
			iSg	44 03.10	
ZST	3.71	122	e(Pn)	43 09.80	-6.3X
			i(Sg)	44 13.90	
CDF	3.81	243	Pn	43 17.00	-0.5
	0.5s		17.00nm		
			Pg	43 29.40	
			Sg	44 19.80	
BSF	4.39	239	Pg	43 38.90	13.0X
	0.3s		7.00nm		
			Sg	44 36.60	
HAU	4.55	243	Pg	43 40.80	12.8X
	0.5s		16.00nm		
			Sg	44 32.00	

S.D. = 0.6 on 10 of 16 obs.

% DEC 17, 1985 22h 26m 57.25± 1.19s
39.264 N ± 9.1km 27.683 E ±14.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.93	201	iPg	27 14.90	-0.1
			iSg	27 29.60	
EDC	1.09	7	ePn	27 16.60	-1.1
KCT	1.11	28	iPn	27 17.90	-0.2
EZN	1.19	299	iPn	27 19.20	-0.2
DMK	2.56	1	ePn	27 41.00	1.6

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

% DEC 17, 1985 22h 32m 41.88± 0.98s
39.265 N ± 7.5km 27.689 E ±11.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.93	201	iPg	32 59.60	0.0
			iSg	33 14.40	
EDC	1.09	7	iPn	33 02.10	-0.2
KCT	1.11	27	iPn	33 02.90	0.2
EZN	1.19	298	iPn	33 04.20	0.1
DMK	2.55	1	ePn	33 24.00	0.0

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

DEC 17, 1985 23h 10m 18.59± 0.83s
42.261 N ± 7.8km 20.012 E ± 7.3km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 3.0 (TTG).

PVY	0.33	355	iPg	10 24.40	-1.2
			eSg	10 30.00	
TTG	0.58	287	ePg	10 29.00	-1.3
			iSg	10 38.00	
IVA	0.62	352	ePg	10 30.00	-1.1
			eSg	10 39.80	
ULC	0.64	243	ePg	10 31.40	-0.1
			eSg	10 41.20	
BDV	0.88	272	ePg	10 35.00	-0.5
			eSg	10 49.50	
NKY	0.93	307	ePg	10 34.60	-1.8
			eSg	10 49.50	
SKO	1.10	105	ePn	10 38.50	-0.8
			i	10 40.00	
HCY	1.14	280	ePg	10 39.50	-0.4
			eSg	10 57.50	
BRY	1.26	301	ePg	10 41.10	-1.0
			eSg	11 00.20	
OHR	1.29	153	ePn	10 43.00	0.4
VAY	2.13	115	iPn	10 58.30	3.6X
BEO	2.58	7	ePn	11 07.30	6.3X
CEY	5.32	313	ePn	11 42.40	2.4
			eSn	12 45.50	
LJU	5.46	316	ePn	11 44.80	2.8X
			e(Sn)	12 52.00	
TRI	5.67	310	ePn	11 46.00	1.1
			iSn	12 50.60	
			i	13 28.10	
VOY	5.79	313	iPn	11 48.50	1.8
			iSn	12 56.20	
KHC	8.21	329	eP	12 23.00	2.4

S.D. = 1.5 on 14 of 17 obs.

• DEC 18, 1985 00h 00m 45.81± 0.94s
50.249 N ± 8.0km 12.450 E ± 8.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.66	307	ePg	00 59.00	0.0
			eSg	01 08.00	
CLL	1.12	18	iPg	01 06.90	0.1
			iSg	01 22.20	
BRG	1.14	56	iPg	01 07.00	-0.2
			iSg	01 22.00	
KHC	1.34	146	ePg	01 10.50	0.0
			eSg	01 29.00	
PRU	1.37	100	Pg	01 11.00	0.1
			Sg	01 29.50	

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

• DEC 18, 1985 00h 15m 00.00± 1.00s
50.226 N ± 8.3km 12.411 E ± 8.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.66	310	ePg	15 13 00	-0.1
			eSg	15 22.00	
CLL	1.15	19	iPg	15 21.90	0.4
			iSg	15 36.90	
BRG	1.17	56	iPg	15 21.50	-0.4
			iSg	15 36.50	
KHC	1.33	145	iPg	15 24.70	0.1
			Sg	15 43.00	
PRU	1.39	99	Pg	15 25.50	0.1
			Sg	15 43.40	

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

• DEC 18, 1985 00h 47m 28.88± 0.68s
28.095 N ±12.4km 140.570 E ±10.4km
DEPTH = 33.0km (normal)
5.1mb (1 obs.)
BONIN ISLANDS REGION (212)

CBI	1.74	125	eP	47 56.00	-1.3
			eS	48 17.00	
MAT	8.66	347	eP	49 35.00	0.2
			(S)	51 22.00	
SSE	17.12	285	P	51 28.00	0.8
	8.0s		0.80nm		1.9mb X
			eS	54 42.00	
			sS	54 50.00	
DL2	19.09	309	Pc	51 52.00	0.6
			S	55 34.00	
NJ2	19.20	287	Pc	51 55.00	2.3
			eS	55 37.00	
TIA	21.40	298	eP	52 14.60	-1.3
WHN	22.98	282	eP	52 33.00	1.5
			S	56 48.00	
BJI	23.38	307	eP	52 33.00	-2.4
			eS	56 48.00	
TIY	25.41	299	eP	52 53.60	-1.5
HHC	26.95	306	P	53 07.80	-1.5
XAN	27.68	290	eP	53 14.70	-1.2
CD2	32.07	284	eP	53 54.00	-1.0
GTA	35.44	299	eP	54 19.40	-4.8X
WB2	48.13	188	eP	56 08.00	0.2
WRA	48.13	188	Pc	56 07.80	0.0
	1.2s		22.70nm		5.1mb
PKI	48.42	283	eP	56 11.10	0.7
KKN	48.47	283	eP	56 10.40	-0.3
DMN	48.67	283	eP	56 13.40	1.1
COL	57.15	29	eP	57 13.00	-1.5
YKA	71.94	28	eP	58 53.10	2.5
VHO	108.55	58	iPdiff	01 53.00	2.1
ZOBO	151.02	72	PKP	07 21.20	5.9X
LPB	151.17	73	ePKP	07 23.00	7.7X
CNCB	151.40	73	ePKP	07 23.00	7.2X

S.D. = 1.5 on 20 of 24 obs.

% DEC 18, 1985 01h 18m 13.12± 0.87s
40.490 N ± 6.2km 22.611 E ± 8.7km
DEPTH = 10.0km (geophysicist)
GREECE (364)

THE	0.31	62	iPd	18 19.40	-0.1
			eS	18 23.50	
LIT	0.40	193	ePc	18 21.30	0.0
			eS	18 26.70	
GRG	0.49	341	eP	18 23.10	0.0
			eS	18 32.80	
SOH	0.66	59	eP	18 26.30	0.1
			eS	18 36.90	
KNT	0.71	18	eP	18 27.10	0.0
			eS	18 39.70	

S.D = 0.1 on 5 of 5 obs.

• DEC 18, 1985 02h 15m 34.50± 1.06s
4.695 N ±11.6km 33.199 E ±16.1km
DEPTH = 10.0km (geophysicist)
4.3mb (1 obs.)
SUDAN (557)

NAI	6.94	149	eP	17 20.00	1.1
	0.7s		11.64nm		5.1mb X
LWI	8.17	213	iPd	17 35.50	-0.7
			iS	19 08.70	
BNG	14.61	270	iPc	19 04.40	1.1
	0.9s		36.00nm		5.0mb X
			id	19 14.00	
			id	22 00.20	
			ic	23 18.00	
			ic	23 50.00	
			ic	25 51.00	
KRI	21.68	189	iP	20 26.00	-1.7
BUL	25.09	190	eP	21 02.00	0.9
KHC	47.31	343	P	24 11.00	0.8
NB2	58.61	348	P	25 32.40	-1.5
	0.8s		2.30nm		4.3mb

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

DEC 18, 1985 02h 44m 53.91± 0.39s
39.271 N ± 4.0km 26.172 E ± 3.4km
DEPTH = 10.0km (geophysicist)
3.8mb (2 obs.)
TURKEY (366)
ML 3.7 (ATH).

PRK	0.08	108	iPgc	44 57.00	0.6
EZN	0.57	12	iPg	45 06.70	1.3
IZM	1.22	135	iPn	45 15.40	-1.2
EDC	1.69	50	iPn	45 24.40	0.8
KCT	1.95	59	iPn	45 27.60	0.2
PAIG	2.03	290	ePd	45 27.60	-1.0
			eS	45 43.30	
ATH	2.32	237	ePb	45 34.90	2.2
			eSb	46 05.50	
KDZ	2.45	345	iPc	45 35.00	0.5
			iS	46 01.00	
CTT	2.55	42	iPn	45 36.60	0.6
DIM	2.81	351	iPc	45 40.00	0.4
			Sg	46 26.00	
DMK	2.82	25	iPn	45 39.80	0.0
ISK	2.85	50	iPn	45 39.60	-0.6
LIT	2.96	287	eP	45 09.50	-32.3X
MMB	2.97	322	iPc	45 41.00	-1.0
			iS	46 16.00	
PLD	3.04	339	iPc	45 44.00	1.1
JMB	3.21	5	eP	45 45.00	-0.3

18d 02h

		iSg	46	38.00	
GRG	3.35	301 eP	45	17.30	-30.0X
GPA	3.35	71 iPn	45	47.30	-0.1
VAY	3.43	308 iPn	45	49.00	0.5
KZN	3.54	288 ePn	45	49.80	-0.4
ELL	3.88	129 ePn	45	56.30	1.3
BCK	3.91	116 iPn	45	54.00	-1.4
PVL	3.94	349 iPc	45	56.00	0.3
		iS	46	36.00	
VTS	4.02	327 iPc	45	57.00	0.3
		iS	46	42.00	
SKO	4.50	308 iPn	46	04.00	0.3
		iSn	46	53.30	
VLS	4.50	258 ePn	46	03.80	0.1
OHR	4.51	296 ePn	45	13.30	-50.5X
OHR	4.51	296 ePn	46	03.00	-0.8
PSN	4.66	18 iPd	46	06.00	0.1
TLB	5.49	14 ePd	46	17.00	-0.7
ISR	5.87	3 eP	46	26.00	3.0X
COZ	6.26	348 iPc	46	27.00	-0.7
MLR	6.22	359 ePd	46	28.50	0.5
VRI	6.61	3 ePd	46	33.50	0.1
KHC	13.35	322 eP	48	15.80	9.9X
HFS	22.31	343 eP	49	51.30	-1.5
	0.7s	2.50nm			3.8mb
SUF	23.48	360 eP	50	05.00	0.8
NB2	23.69	342 P	50	05.60	-0.7
	0.8s	2.40nm			3.8mb
KJF	24.98	2 eP	50	17.00	-1.7
	S.D. = 0.9	on 34 of 39 obs.			

? DEC 18, 1985 03h 00m 10.59± 5.56s
34.043 S ±18.8km 71.836 W ±43.0km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.36	76 iPc	00	18.90	-0.3
		iS	00	30.50	
TACH	0.84	63 iPd	00	25.50	-0.6
		iS	00	43.20	
CHCH	0.99	84 iP	00	28.10	-0.1
		iS	00	49.50	
SAN	1.14	59 iPc	00	30.50	0.2
		iS	00	52.00	
PCH	1.18	69 iPd	00	31.10	0.2
		iS	00	56.10	
ROCH	1.27	33 iPd	00	32.00	-0.4
		i(S)	01	02.00	
PEL	1.31	47 iPd	00	33.40	0.6
		i	00	57.20	
		iS	01	03.10	
BACH	1.32	59 iP	00	33.00	0.2
		i	00	57.20	
FCH	1.47	61 iP	00	35.50	0.1
RFA	2.88	106 eP	00	55.40	0.2
	S.D. = 0.4	on 10 of 10 obs.			

DEC 18, 1985 03h 15m 14.65± 0.65s
50.229 N ± 6.3km 12.446 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 1.9 (GRF).

MOX	0.68	309 ePg	15	28.00	-0.1
		eSg	15	37.00	
GRF	0.96	236 ePg	15	32.90	0.0
		eSg	15	45.30	
		eLg	15	47.50	
CLL	1.14	18 iPg	15	36.10	0.1
		iSg	15	51.60	
BRG	1.15	55 iPg	15	36.00	-0.2
		iSg	15	51.00	
KHC	1.32	146 ePg	15	39.00	-0.1
		Sg	15	56.90	
PRU	1.37	99 ePg	15	40.00	0.2
		eSg	15	57.70	
	S.D. = 0.2	on 6 of 6 obs.			

• DEC 18, 1985 03h 21m 32.12± 0.97s
50.256 N ± 8.6km 12.413 E ± 8.6km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.64	308 ePg	21	45.80	0.0
		eSg	21	54.50	
CLL	1.12	19 iPg	21	53.20	0.1
		iSg	22	08.50	
BRG	1.16	57 iPg	21	53.40	-0.3
		eSg	22	08.70	
KHC	1.36	146 ePg	21	56.90	-0.2
		eSg	22	13.80	
PRU	1.40	100 ePg	21	58.00	0.4
		Sg	22	15.00	
	S.D. = 0.4	on 5 of 5 obs.			

• DEC 18, 1985 03h 57m 46.87± 1.12s
32.093 N ±11.8km 132.203 E ± 9.2km
DEPTH = 46.4 ± 10.5 km
4.4mb (1 obs.)
SHIKOKU, JAPAN (236)
Felt (II JMA) at Nobeoka, Kyushu.

NOB	0.66	318 Pd	57	58.30	-1.7
		S	58	06.80	
MYZ	0.68	255 iPc	57	59.60	-0.7
		iS	58	09.20	
ASZ	0.93	48 eP	58	04.00	0.3
		iS	58	16.10	
OIT	1.24	337 eP	58	09.00	1.0
		S	58	25.90	
KUM	1.45	300 P	58	12.20	1.2
		S	58	31.30	
KAG	1.50	250 eP	58	12.00	0.3
		eS	58	36.00	
SAG	1.97	306 eP	58	20.00	1.6
		eS	58	46.00	
SHK	2.46	9 eP	58	25.30	-0.2
MAT	6.66	47 eP	59	24.00	-0.7
	0.6s	6.67nm			4.5mb X
		(S)	00	40.00	
SSE	9.45	267 eP	00	01.80	-1.5
	N 11s	0.50um			
	E 11s	0.60um			
		e	02	04.00	
BJI	15.18	306 eP	01	25.00	5.3X
LZH	23.78	287 eP	02	52.00	-4.3X
PKI	40.60	276 eP	05	24.70	0.5
CTA	53.60	164 iP	07	06.90	1.3
INK	62.14	25 eP	08	07.00	1.9
BRS	62.31	159 iP	08	13.00	6.3X
MBC	63.31	15 eP	08	13.00	0.2
YKA	71.75	27 eP	09	03.60	-2.3
HFS	75.23	333 eP	09	24.80	-1.3
	0.4s	1.80nm			4.4mb
	S.D. = 1.4	on 16 of 19 obs.			

DEC 18, 1985 04h 03m 46.58± 0.37s
13.891 S ± 7.2km 166.774 E ± 9.2km
DEPTH = 33.0km (normal)
4.9mb (8 obs.)
VANUATU ISLANDS (186)

PVC	4.10	159 iP	05	05.50	16.9X
DZM	8.14	182 iPd	05	45.00	-0.5
		iS	07	15.20	
SVO	8.29	304 eP	05	49.00	1.5
VSG	8.31	303 eP	05	47.00	-0.8
NOU	8.38	182 iPc	05	50.50	1.8
		iS	07	19.00	
PMG	19.72	281 eP	08	16.00	-0.5
CTA	20.56	250 iPd	08	24.60	-0.7
	1.1s	36.71nm			4.7mb
		iS	12	14.00	
RMQ	21.02	231 eP	08	31.00	1.1
KRP	25.17	164 eP	09	12.00	1.5
TZZ	26.59	286 eP	09	24.50	0.5
WB2	31.56	255 eP	10	06.80	-1.6
WRA	31.57	255 Pd	10	06.00	-2.5
	0.8s	4.00nm			4.3mb
MAT	56.94	333 eP	13	31.00	-0.1
	1.0s	30.00nm			5.3mb
SBA	63.97	180 eP	14	18.10	-0.3
MDJ	67.32	332 Pc	14	40.50	0.2
CN2	68.68	329 P	14	48.00	-0.9
PSI	69.23	278 eP	14	47.00	-5.8X
BJI	71.31	321 eP	15	03.50	-1.5
TIY	72.32	317 P	15	12.60	1.4
XAN	72.77	313 eP	15	14.80	0.9
KMI	73.46	302 Pc	15	27.00	8.7X
CHG	74.30	294 eP	15	11.50	-11.5X
CD2	75.12	308 eP	15	29.00	1.4
SPA	76.20	180 eP	15	32.50	-0.7
	1.0s	10.00nm			4.8mb
LZH	77.40	312 eP	15	47.00	1.6
GTA	81.74	314 P	16	04.20	0.5
COL	85.70	18 eP	16	24.00	0.9
PKI	88.88	299 eP	16	40.60	0.9
	0.6s	6.00nm			5.1mb
KKN	89.05	299 eP	16	40.70	0.4
	0.6s	7.00nm			5.2mb
DMN	89.15	299 eP	16	42.20	1.3
	0.5s	13.00nm			5.5mb
GBA	92.57	283 Pd	16	57.50	1.0
	0.9s	2.50nm			4.6mb
KJF	122.38	340 ePKP	22	32.00	-7.4X
SUF	123.89	339 iPKP	22	42.00	-0.4
	0.4s	2.20nm			
NUR	125.92	338 iPKP	22	44.30	-2.1
APO	129.39	343 ePKP	22	52.20	-0.9
	0.4s	2.40nm			
SSF	144.09	340 ePKP	23	1.70	-1.9
SOB1	144.21	128 ePKP	23	26.40	-1.4
LPG	144.24	336 ePKP	23	26.00	-1.3
SMF	144.34	340 ePKP	23	19.30	-1.8
AVF	144.38	340 ePKP	23	19.40	-1.7
BGF	144.75	341 ePKP	23	21.00	-0.8
MZF	145.13	341 iPKPc	23	22.50	0.1
TCF	145.19	341 ePKP	23	22.40	-0.1
LSF	145.43	342 ePKP	23	23.00	0.1
MFF	145.59	344 iPKPc	23	23.70	0.5
CVF	145.64	331 iPKPc	23	23.60	0.2
FRF	145.87	334 iPKPc	23	24.40	0.7
LRG	146.08	334 iPKPc	23	25.20	1.1
LMR	146.11	334 iPKPc	23	25.20	1.1
ITR	146.36	131 ePKP	23	25.30	-0.1
		e	23	49.60	
CAF	146.45	340 ePKP	23	26.70	2.0
BNG	147.30	256 iPKPc	23	27.10	0.1
	0.5s	28.00nm			
		id	23	39.50	
	S.D. = 1.2	on 47 of 52 obs.			

DEC 18, 1985 04h 35m 23.32± 0.50s
50.209 N ± 4.8km 12.431 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.1 (GRF).

HOF	0.37	287 iPgd	35	30.60	-0.3
MOX	0.68	310 iPg	35	37.00	0.2
		iSg	35	46.00	
GRF	0.94	237 iPg	35	41.50	0.3
		eSg	35	53.90	
		eLg	35	56.20	
WET	1.10	165 ePg	35	44.00	-0.1
CLL	1.16	18 iPg	35	44.90	-0.1
		iSg	36	00.70	
BRG	1.17	55 iPg	35	45.40	0.2
		iSg	36	00.00	
KHC	1.31	145 iPg	35	47.50	-0.1
		Sg	36	04.00	
PRU	1.38	98 Pg	35	48.50	0.0
		eSg	36	05.40	
		i	36	06.60	
	S.D. = 0.2	on 8 of 8 obs.			

• DEC 18, 1985 04h 45m 02.12± 0.83s
23.109 S ±10.6km 66.924 W ±12.7km
DEPTH = 224.6 ± 11.4 km
JUJUY PROVINCE, ARGENTINA (128)

TPZ	1.98	35 iP	45	42.70	-0.4
		S	46	14.00	
SLA	2.08	141 ePd	45	43.80	0.0
ANT	3.26	259 iPc	45	56.30	-0.2
		iS	46	35.00	
CNCB	6.35	351 iP	46	36.50	1.1
		S	47	49.00	
LPB	6.64	350 Pd	46	39.00	0.0
	1.0s	40.00nm			4.5mb X
		(S)	46	51.00	
ZOBO	6.90	350 P	46	42.20	-0.3
	0.5s	6.49nm			4.0mb X
VAO	18.37	94 eP	49	01.90	-0.8
		e	49	03.00	
BAO	19.33	71 iPd	49	12.80	0.1
ITA	20.51	92 eP	49	27.00	2.4
SOB1	28.50	65 e(P)	50	25.00	-13.9X
SOB1	28.50	65 eP	50	38.10	-0.8
ITR	30.81	67 e(P)	50	58.00	-1.2

SRO 103.69 44 ePdiff58 35.60 -3.5X
S.D. = 1.2 on 11 of 13 obs.

* DEC 18, 1985 04h 50m 18.76± 1.51s
39.151 N ±13.0km 25.781 E ±11.7km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

EZN 0.80 32 iPg 50 35.20 1.0
iSg 50 46.20
IZM 1.38 123 iPn 50 44.60 0.5
EDC 2.00 53 iPn 50 53.60 0.6
KCT 2.27 60 ePn 50 55.00 -1.9
DMK 3.06 29 ePn 51 08.00 -0.1
VAY 3.28 312 ePn 51 11.00 -0.2
S.D. = 1.3 on 6 of 6 obs.

* DEC 18, 1985 04h 51m 08.37± 0.76s
50.290 N ± 7.3km 12.403 E ± 7.1km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.0 (GRF).

MOX 0.62 306 ePg 51 21.00 0.2
eSg 51 30.00
GRF 0.97 232 ePg 51 26.50 -0.3
eSg 51 38.80
eLg 51 41.00
CLL 1.09 20 iPg 51 28.90 0.1
eSg 51 45.00
BRG 1.14 59 iPg 51 29.50 -0.3
iSg 51 44.50
KHC 1.39 146 ePg 51 34.10 0.3
Sg 51 49.80
S.D. = 0.4 on 5 of 5 obs.

DEC 18, 1985 04h 55m 07.34± 2.17s
42.303 N ±12.3km 19.907 E ±14.0km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 3.2 (TTG).

PVY 0.30 10 iPgc 55 12.70 -0.9
iSg 55 18.50
TTG 0.49 285 iPg 55 16.00 -1.4
eSg 55 25.00
IVA 0.57 359 ePg 55 18.00 -0.9
eSg 55 27.50
ULC 0.60 235 ePg 55 19.20 -0.2
eSg 55 30.00
BDV 0.80 269 ePg 55 22.50 -0.4
iSg 55 36.00
NKY 0.84 307 ePg 55 23.00 -0.7
eSg 55 36.50
HCY 1.05 278 ePg 55 27.00 -0.2
iSg 55 43.50
BRY 1.17 301 ePg 55 29.20 -0.1
eSg 55 48.00
BEO 2.55 9 ePn 55 52.90 3.6X
CEY 5.23 313 ePn 56 29.30 1.8
eSn 57 30.70
LJU 5.38 316 ePn 56 31.40 1.9
e(Sn) 56 37.00
TRI 5.59 310 ePn 56 32.40 -0.1
iSn 57 37.30
iSg 58 09.50
i 58 13.10
VOY 5.71 313 iPn 56 35.40 1.1
iSn 57 43.80
KHC 8.14 329 P 57 11.50 3.2X
S.D. = 1.2 on 12 of 14 obs.

DEC 18, 1985 05h 46m 00.78± 0.44s
39.201 N ± 3.2km 26.175 E ± 2.5km
DEPTH = 19.6 ± 3.4 km
5.0mb (49 obs.)
TURKEY (366)
ML 5.0 (TIR), 4.8 (KBN), 4.7 (ATH). Slight damage on Lesvos, Greece.

EZN 0.63 10 iPg 46 12.20 -0.8
IZM 1.17 133 iPnd 46 22.40 0.3
EDC 1.73 48 iPn 46 31.30 1.2
KCT 1.98 57 iPn 46 35.00 1.3
OUR 2.03 305 iPc 46 34.70 0.2
PAIG 2.06 291 ePc 46 34.60 -0.3

			eS	46 59.10			
ATH	2.28	238	ePn	46 36.60	-1.4		
			eSb	47 09.50			
KDZ	2.52	346	iPc	46 42.00	0.6		
			iS	47 11.00			
SOH	2.70	308	P	46 44.70	0.6		
SRS	2.75	315	iPc	46 44.90	0.2		
			eS	47 16.30			
THE	2.85	301	ePc	46 46.60	0.5		
			eS	47 17.50			
DIM	2.88	351	iPc	46 47.00	0.6		
DMK	2.88	24	iPn	46 47.30	0.8		
ISK	2.89	49	iPn	46 47.30	0.7		
LIT	2.98	289	ePc	46 47.70	-0.3		
			eS	47 22.30			
MMB	3.03	323	iPc	46 48.00	-0.7		
			iS	47 23.00			
PLD	3.11	339	iPc	46 51.00	1.3		
			iS	47 23.00			
KNT	3.18	309	iPc	46 51.60	0.7		
			eS	47 27.80			
JMB	3.28	5	iP	46 52.00	-0.1		
GPA	3.37	70	ePn	46 52.00	-1.5		
GRG	3.38	302	iPc	46 54.60	0.9		
			eS	47 33.00			
VAY	3.48	309	iPn	46 55.50	0.5		
KZN	3.57	289	ePn	46 56.00	-0.4		
ELL	3.83	129	iPn	47 01.30	1.1		
BCK	3.88	115	iPn	47 01.30	0.5		
PVL	4.01	349	iPc	47 03.00	0.4		
			iS	47 52.00			
KBN	4.36	291	iPn	47 08.80	1.3		
			iSn	47 58.60			
OHR	4.54	297	iPnc	47 10.70	0.5		
SKO	4.55	309	iPnc	47 11.00	0.8		
	0.4s	350.00nm					
Z	12s	16.00um					
N	13s	29.20um					
E	12s	24.40um					
			iSn	48 05.00			
			iSb	48 20.00			
			iSg	48 29.00			
PSN	4.72	18	iPd	47 13.00	0.3		
SRN	4.82	280	iPn	47 17.20	3.1X		
BUC	5.21	359	eP	47 36.50	17.0X		
TIR	5.28	296	iPn	47 24.00	3.4X		
			iSn	48 56.00			
TLB	5.56	14	iPc	47 25.00	0.5		
SDA	5.81	301	iPn	47 31.80	3.9X		
ISR	5.94	3	ePd	47 30.00	0.2		
MLR	6.29	359	iPc	47 35.00	0.1		
CLO	6.38	338	iPc	47 35.00	-1.1		
SSR	6.55	331	iP	47 39.00	0.6		
ODB	6.60	5	eP	47 41.00	1.8		
VRI	6.68	3	iPc	47 40.00	-0.2		
PPE	7.09	8	ePd	47 47.00	1.0		
DEV	7.10	341	iPd	47 45.00	-1.1		
CSS	7.11	124	eP	47 45.50	-0.9		
CLI	7.39	6	ePc	47 48.00	-2.2		
HRI	9.73	125	iP	48 19.50	-3.3X		
BUD	9.78	330	ePn	48 20.90	-2.4		
SRO	10.32	329	iP	48 29.60	-1.2		
N	10s	10.00um					
E	10s	9.70um					
			e	50 25.70			
			i(S)	50 59.90			
JER	10.44	132	e(P)	48 29.00	-3.5X		
			eS	51 58.00			
SPC	10.85	339	eP	48 38.00	-0.2		
CEY	10.86	311	iP	48 37.90	-0.3		
			e	51 50.90			
LJU	10.96	312	eP	48 38.80	-0.8		
			eS	50 36.00			
SOP	10.98	324	iPd	48 37.30	-2.5		
ZST	11.13	327	iP	48 40.10	-1.7		
			i	50 25.80			
			e	50 36.80			
TRI	11.23	309	iPnd	48 41.90	-1.4		
			iSn	50 46.10			
			e	52 08.10			
			e	52 46.00			
VOY	11.33	311	iP	48 43.90	-0.8		
			i	49 02.80			
			e	51 15.80			
			i	52 28.90			
PRNI	11.42	138	eP	48 43.00	-2.9		
VKA	11.52	325	iPd	48 46.30	-0.8		

			(PPP)	49 06.20			
			(SSS)	51 35.70			
KRA	11.72	340	iPc	48 49.30	-0.5		
	1.0s	48.00nm			5.7mb X		
Z	12s	5.00um			5.6Msz		
N	12s	3.90um					
E	12s	5.40um					
			e	48 57.00			
			e	49 09.60			
			eS	51 15.00			
KBA	12.23	314	iPd	48 57.20	0.3		
	0.9s	52.90nm			5.8mb X		
			iPP	49 07.40			
			i	51 02.60			
			iS	51 08.30			
BHG	12.86	316	iPc	49 05.80	0.6		
RTB	12.97	114	ePd	49 10.00	3.2X		
			e	53 41.00			
			iS	53 45.00			
			iSS	55 00.00			
			iSSS	55 28.00			
			i	55 53.00			
KHC	13.41	322	iPc	49 11.50	-0.9		
Z	10s	3.80um					
N	10s	2.70um					
E	10s	2.70um					
			i	49 23.50			
			e	53 42.00			
OGA	13.46	310	eP	49 12.40	-0.9		
CVF	13.52	290	eP	49 15.00	1.1		
	1.0s	29.60nm			5.2mb X		
KSP	13.56	332	ePd	49 14.00	-0.4		
	1.6s	207.00nm			5.8mb X		
			id	49 22.00			
			e	53 10.00			
PRU	13.58	326	P	49 14.00	-0.7		
Z	11s	9.00um					
N	12s	7.70um					
E	12s	5.00um					
			e	49 24.10			
MSL	13.72	97	ePd	49 19.50	3.0X		
			eS	53 56.50			
WET	13.76	321	eP	49 15.80	-1.2		
BRG	14.50	328	eP	49 25.80	-0.9		
			i	49 34.10			
GRF	14.94	319	eP	49 31.00	-1.5		
Z	16s	3.00um					
			e	49 38.80			
CLL	15.22	327	eP	49 35.00	-1.1		
	1.7s	39.00nm			4.5mb		
			i	49 42.20			
FRF	15.29	293	eP	49 37.80	0.8		
	1.2s	157.00nm			5.2mb		
LMR	15.35	292	eP	49 39.30	1.5		
	1.0s	32.00nm			4.6mb		
MOX	15.37	323	eP	49 37.00	-1.1		
			i	49 44.50			
			i	49 48.00			
			eLQ	52 00.00			
			LQ	55 00.00			
			LR	56 24.00			
LRG	15.47	292	eP	49 40.60	1.1		
	1.0s	89.60nm			5.0mb		
LPG	15.66	300	eP	49 43.60	1.4		
SLY	15.77	97	iPc	49 45.00	1.7		
			eS	54 59.00			
BHD	15.83	106	eP	49 47.00	2.9		
CDR	15.94	293	ePc	49 46.80	1.4		
			i	49 52.60			
			i	50 37.90			
CDF	16.42	310	eP	49 51.30	-0.4		
	1.0s	16.00nm			4.1mb		
BSF	16.46	308	eP	49 51.50	-0.7		
	1.0s	40.00nm			4.5mb		
TNS	16.69	317	ePd	49 59.30	4.2X		
HAU	16.81	308	eP	49 56.20	-0.3		
	0.9s	29.40nm			4.4mb		
KER	17.44	100	eP	50 06.00	1.3		
WLF	17.66	313	P	50 08.50	1.4		
BNS	17.78	318	eP	50 09.80	1.2		
	1.6s	150.00nm			4.9mb		
SMF	17.93	302	eP	50 11.80	1.3		
LBF	17.94	303	eP	50 10.50	-0.2		
	0.9s	32.70nm			4.5mb		
LOR	18.11	304	eP	50 12.80	0.1		
	0.8s	21.40nm			4.3mb		
MEM	18.22	315	P	50 17.80	3.9X		

18d 05h

SSF	18.27	303	eP	50	15.60	0.9	ELO	26.17	321	ePc	51	36.00	0.6	DOU	22.85	94	P	12	07	10	5.5X
	0.8s	33.50nm			4.5mb			0.7s	34.00nm			5.1mb		WTS	23.00	88	eP	12	03	00	1.0
AVF	18.30	302	eP	50	15.90	0.9	ECB	26.23	311	iPc	51	35.50	-0.5		1.6s	56.00nm				4.8mb			
	0.8s	34.90nm			4.6mb			1.0s	80.00nm			5.3mb		ENN	23.18	92	eP	12	[illegible]	00	0.7
ENN	18.34	316	eP	50	17.50	2.0	AVE	27.62	268	iP	51	53.00	4.1X		1.8s	219.00nm				5.4mb			
	1.5s	64.00nm			4.6mb					i	52	04.00		MEM	23.31	92	P	12	07	20	2.1
WTS	18.56	320	ePc	50	21.20	3.0X	SOD	28.22	0	iP	52	04.40	10.4X	HFS	23.37	65	(P)	12	07	10	1.4
BGF	18.57	301	eP	50	19.20	0.8	KEV	30.62	1	eP	52	20.00	4.6X		1.0s	15.70nm				4.5mb			
GRC	18.62	303	iPd	50	19.70	0.7	BNG	35.29	193	iPc	52	56.30	-0.2		Z 13s	0.80um				4.4Msz X			
		i		50	21.40			0.9s	41.00nm			5.3mb				LR		18	02	00			
MZF	18.66	300	eP	50	19.40	-0.1				i	53	05.20		LSF	23.64	105	eP	12	07	80	-0.6
DOU	18.76	313	P	50	21.70	1.1				i	53	17.30		GRC	23.75	102	iPd	12	09	60	0.2
Z	14s	8.10um								i	54	14.10		WLF	23.92	94	P	12	11	80	0.8
CAF	18.76	296	eP	50	21.90	1.1	LWI	41.31	176	iPc	53	47.50	0.6	TCF	23.96	104	eP	12	12	00	0.5
	1.2s	44.60nm			4.5mb		KIC	42.96	229	eP	53	59.60	-0.7		1.2s	17.80nm				4.5mb			
TCF	18.93	300	eP	50	23.50	0.7	NDI	43.13	88	eP	54	02.00	0.4	BGF	24.11	103	eP	12	[illegible]	[illegible]	-1.3
	1.6s	186.50nm			5.1mb		POO	45.95	103	iPd	54	25.50	1.2		1.0s	12.00nm				4.5mb			
WIT	19.12	322	eP	50	27.00	2.0	DMN	49.76	85	eP	54	54.00	-0.3	SSF	24.12	101	eP	12	12	40	-0.7
		e		50	35.00			1.0s	51.00nm			5.5mb			1.2s	8.90nm				4.2mb			
SNF	19.12	313	P	50	26.80	1.8	KKN	49.80	84	eP	54	53.90	-0.7	LOR	24.17	101	eP	12	12	60	-1.0
RJF	19.21	296	eP	50	25.90	-0.2		0.9s	23.00nm			5.2mb			1.2s	8.90nm				4.2mb			
	1.0s	41.60nm			4.6mb		PKI	50.01	85	eP	54	55.70	-0.6	AVF	24.22	102	eP	12	13	50	-0.5
UCC	19.22	314	P+	50	27.00	0.8		1.0s	30.00nm			5.3mb			1.0s	6.80nm				4.2mb			
LPO	19.34	295	eP	50	28.10	0.3	HYB	50.20	100	eP	54	56.30	-1.1	LBF	24.42	101	eP	12	15	20	-0.8
	1.2s	38.00nm			4.5mb		KOD	53.89	108	eP	55	24.40	-1.0		1.2s	16.00nm				4.5mb			
LSF	19.38	299	eP	50	27.00	-1.2	KRI	55.83	176	eP	55	40.00	0.8	SMF	24.57	102	eP	12	16	20	-1.2
	1.2s	68.40nm			4.8mb		MTD	55.91	174	eP	55	40.20	0.4		0.8s	4.00nm				4.1mb			
DBN	19.45	318	iP	50	19.00	-9.9X	SHL	56.02	83	iP	55	39.00	-1.8	CDF	25.26	95	eP	12	25	10	1.0
LFF	19.70	295	eP	50	31.40	-0.3	FRB	57.63	328	eP	55	54.00	2.5		1.4s	20.90nm				4.6mb			
	1.0s	20.00nm			4.4mb		BUL	59.07	177	iPd	56	02.60	0.5	BSF	25.36	97	eP	12	25	20	0.1
EBR	19.72	283	eP	50	37.00	5.0X		0.9s	5.88nm			4.7mb			1.4s	26.10nm				4.7mb			
EPF	19.81	289	eP	50	31.10	-1.9	LZH	59.77	66	eP	56	06.50	-0.4	TOL	25.70	123	eP	12	30	00	1.8
	0.8s	9.90nm			4.2mb		MBC	62.75	351	eP	56	26.00	-0.3	GRF	26.60	89	eP	12	37	20	0.8
IR2	19.93	92	iPd	50	34.30	-0.1	KMI	64.57	77	eP	56	36.00	-3.3X	Z	22s	0.80um				4.2Msz			
MFF	20.59	300	eP	50	39.60	-1.4	SLR	64.63	178	eP	56	39.20	-0.1	CLL	26.64	85	eP	12	37	00	0.2
	1.2s	53.50nm			4.8mb			0.9s	8.40nm			4.9mb			2.2s	61.00nm				4.9mb			
LDF	21.06	305	eP	50	44.50	-1.3	CHG	65.18	85	iPd	56	41.20	-1.8	BRG	27.38	85	eP	12	44	10	0.6
	1.0s	84.00nm			5.1mb			1.1s	22.78nm			5.2mb				e		13	21	00			
FLN	21.34	305	eP	50	46.80	-1.8	BJI	66.21	57	eP	56	49.00	-0.3	SUF	28.40	56	iP	12	51	10	-1.5
	1.6s	223.80nm			5.3mb		KHT	67.25	89	eP	56	55.20	-1.1	KSP	28.64	83	eP	12	54	50	-0.4
NUR	21.35	358	iP	50	47.70	-1.0	INK	71.73	352	eP	57	23.00	0.1	KJF	28.64	52	eP	12	54	00	-0.8
	0.8s	46.90nm			5.0mb		YKA	73.86	342	eP	57	37.10	1.6	IFR	30.64	131	eP	13	12	00	-1.1
		i		51	00.30		PSI	74.95	99	iPc	57	42.50	-0.1	KRA	31.01	82	eP	13	15	80	-0.2
		eS		54	52.00			1.0s	48.30nm			5.5mb				e		13	20	60			
UPP	21.37	348	iP	50	47.40	-1.5	IMA	75.06	360	eP	57	47.10	4.5X	SRO	31.49	87	eP	13	20	00	-0.2
		iS		54	52.00		COL	76.13	357	eP	57	52.00	3.5X	MBC	34.00	335	eP	13	42	00	0.2
GRR	21.47	304	eP	50	48.40	-1.6	FFC	76.45	332	eP	57	53.00	2.5	SKO	37.02	92	eP	14	08	00	0.2
	0.8s	67.10nm			5.1mb			1.1s	12.00nm			4.9mb		YKC	38.38	312	eP	14	19	00	0.0
LPF	21.50	303	eP	50	48.00	-2.3	ITR	76.45	247	e(P)	57	40.00	-11.1X	YKA	38.42	312	eP	14	21	10	1.7
	1.2s	151.10nm			5.3mb		SOB1	78.53	248	eP	58	03.50	0.9	INK	41.58	327	eP	14	45	00	-0.3
LGR	21.90	288	iPd	50	58.00	3.6X	PWA	79.45	358	eP	58	08.20	1.5	EDM	43.38	300	eP	15	00	00	-0.4
HFS	22.38	343	eP	50	57.60	-1.4	EDM	81.52	337	eP	58	21.00	3.0X	RLO	45.96	270	eP	15	21	80	0.6
	0.6s	18.20nm			4.7mb		SES	83.18	334	eP	58	30.00	3.3X	TUL	46.56	270	eP	15	26	50	0.6
Z	12s	4.78um			5.1MszX		NEW	87.02	336	eP	58	47.00	1.1		1.2s	24.60nm				5.1mb			
		LR		59	53.00		RLO	87.47	316	eP	58	55.00	6.7X	Z	18s	1.04um				4.8Msz			
KONO	23.01	338	eP	51	04.80	-0.3	BAO	87.96	248	e(P)	58	48.50	-2.4	BHO	47.23	268	eP	15	33	10	1.9
TAF	23.20	268	iP	51	12.00	4.6X				i	58	53.20		COL	48.03	329	eP	15	37	00	-0.1
		i		51	49.00		TUL	88.07	316	eP	58	53.60	2.5		0.8s	9.33nm				4.9mb			
		i		52	18.00			1.2s	12.30nm			5.1mb		FBA	48.03	329	e(P)	15	35	70	-1.4
TOL	23.27	281	iPc	51	12.00	4.1X	WB2	116.20	95	ePKP	04	43.00	-1.6		0.8s	8.60nm				4.9mb			
NRA0	23.41	342	eP	51	09.70	0.6	CTA	125.52	88	ePKP	05	02.00	-0.5	IMA	48.65	332	eP	15	42	20	0.1
CRT	23.44	275	eP	51	11.50	1.9		0.8s	3.73nm					JCT	52.88	269	eP	16	14	20	-0.4
SUF	23.55	360	iP	51	11.80	1.4	SPA	129.01	180	ePKP	05	06.70	-1.2		1.0s	14.00nm				4.8mb			
	0.8s	24.50nm			4.8mb			1.0s	3.50nm					ALQ	52.95	278	eP	16	15	00	-0.2
NB2	23.76	342	P	51	11.60	-0.9		S.D. = 1.2	on 157 of 184 obs.						1.5s	13.89nm				4.7mb			
	1.3s	103.90nm			5.2mb									EUR	54.40	289	iP	16	25	20	-0.7
MAL	24.19	274	iPc	51	21.00	4.2X		DEC 18, 1985 06h 06m 56.59± 0.31s							0.2s	0.84nm				4.4mb			
	0.8s	2.00nm			3.7mb X			58.062 N ± 8.6km 32.357 W ± 4.4km						IR2	57.15	74	eP	16	45	00	-0.7
KJF	25.05	2	iP	51	25.00	0.1		DEPTH = 10.0km (geophysicist)						BNG	66.47	122	iPd	17	46	30	-1.9
	0.9s	30.40nm			5.0mb			4.7mb (25 obs.) 4.5Msz (2 obs.)							0.8s	12.00nm				5.1mb			
		eS		55	56.00			NORTH ATLANTIC OCEAN					(402)	SOB1	67.40	189	eP	17	53	10	-1.0
ESY	25.36	321	ePc	51	28.30	0.4								BAO	74.55	196	ePc	18	36	90	-0.3
	1.0s	58.00nm			5.2mb		AKU	10.16	35	iPd	09	29.70	4.3X	ZOBO	79.72	215	ePc	19	08	00	1.5
ESK	25.37	319	eP	51	29.00	1.0		1.7s	369.23nm			6.5mb X		Z	25s	0.20um				4.4MszX			
	1.5s	200.00nm			5.5mb		FLN	20.97	102	eP	11	40.80	-1.1			LR		39	16	00			
EDI	25.65	320	eP	51	29.80	-0.7		1.0s	21.60nm			4.5mb		LPB	79.96	215	eP	18	55	00	-12.6X
	1.0s	57.00nm			5.2mb		GRR	21.01	104	eP	11	43.80	1.5			LR		46	04	00			
EAD	25.74	320	ePc	51	30.60	-0.9		0.9s	19.60nm			4.5mb		CNCB	80.19	214	(P)	19	00	00	-9.0X
	0.9s	52.00nm			5.2mb		LPF	21.14	105	eP	11	45.20	1.6	TPZ	83.95	211	eP	19	29	00	0.8
IFR	25.76	267	iP	51	32.00	-0.1		1.2s	49.90nm			4.8mb		VSG	130.42	344	ePdiff	23	14	00	15.4X
EDU	25.87	322	ePc	51	32.90	0.3	LDF	21.26	102	eP	11	42.90	-1.9	SPA	147.89	180	ePKPc	26	36	00	-2.8
ECP	25.93	311	iPc	51	32.00	-1.2		1.4s	52.20nm			4.7mb			0.9s	5.00nm							
	1.2s	210.00nm			5.7mb		NB2	21.97	64	P	11	51.20	-0.8		S.D. = 1.1	on 55 of 61 obs.							
EBH	25.96	321	ePc	51	34.40	0.9		1.7s	78.00nm			4.9mb											
	0.7s	49.00nm			5.3mb		UCC	22.33	93	P	11	52.00	-3.5X	*	DEC 18, 1985 06h 38m 21.96± 1.45s								
ETA	26.00	312	iPc	51	34.00	0.2	SNF	22.45	94	P	11	56.70	0.0		39.141 N ±17.9km 25.308 E ± 9.1km								
	1.0s	100.00nm			5.4mb		WIT	22.51	87	eP	12	00.00	2.7		DEPTH = 10.0km (geophysicist)								

AEGEAN SEA (365)

EZN	1.04	49	iPg	38 42.20	0.6
			iSg	38 52.20	
IZM	1.70	115	iPn	38 51.60	-0.2
EDC	2.31	58	ePn	39 00.60	0.0
KCT	2.60	64	ePn	39 04.50	-0.3
VAY	3.02	317	iPn	39 39.60	28.9X
OHR	3.98	381	iPn	39 26.10	1.7
SKO	4.08	315	iPn	39 23.80	-2.0
			i	39 25.50	
			iSn	39 42.40	

S.D. = 1.6 on 6 of 7 obs.

• DEC 18, 1985 06h 39m 02.55± 2.44s
42.286 N ±13.0km 19.920 E ±16.2km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 3.0 (TTG).

PVY	0.31	7	ePg	39 08.20	-0.9
			eSg	39 14.00	
TTG	0.51	287	iPgc	39 12.00	-0.9
			eSg	39 21.50	
ULC	0.59	237	iPg	39 14.40	-0.2
			eSg	39 25.00	
BDV	0.81	270	iPg	39 18.20	-0.1
			eSg	39 31.50	
NKY	0.86	308	ePg	39 18.60	-0.6
			eSg	39 32.50	
HCY	1.07	279	ePg	39 22.50	-0.1
			eSg	39 39.00	
CEY	5.25	313	ePn	40 24.90	1.9
			eSn	41 28.20	
LJU	5.40	316	e(Pn)	40 30.00	5.0X
VOY	5.73	313	iPn	40 30.60	0.8
			eSn	41 39.60	

S.D. = 1.1 on 8 of 9 obs.

DEC 18, 1985 06h 45m 59.45± 0.65s
44.621 N ± 4.7km 111.023 W ± 8.9km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 3.0 (NEIS).

IMW	0.73	175	iPc	46 13.60	-0.4
CCMT	1.35	283	iPd	46 25.40	0.3
TMI	1.47	206	eP	46 26.20	-0.6
SXM	1.53	355	ePn	46 27.80	0.1
LRM	1.57	320	ePn	46 28.60	0.3
HPI	1.75	239	eP	46 31.30	0.4
BUT	1.77	323	ePg	46 33.20	2.2X
			eSn	46 54.20	
BDW	2.12	150	e(P)	46 37.00	0.7
HRY	2.17	345	ePn	46 36.40	-0.4
NEW	5.57	313	e(P)	47 24.50	-0.5

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

DEC 18, 1985 07h 23m 31.83± 0.53s
5.317 S ± 7.6km 154.297 E ± 5.5km
DEPTH = 212.2 ± 4.8 km
5.0mb (10 obs.)
SOLOMON ISLANDS (193)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 12C
Centroid Location:
Origin Time 07:23:33.8 1.7
Lat 5.48S 0.09 Lon 154.38E 0.17
Dep 213.5 7.8 Half-duration 1.4
Moment Tensor; Scale 10**23 D-CM
Mrr= 0.70 0.46 Mtt= 1.79 0.79
Mff=-2.49 0.82 Mrt=-0.57 0.49
Mrf= 1.52 0.70 Mtf=-4.56 0.63
Principal Axes:

	Val=	Plg=16	Azm=214
N	0.46	71	3
P	-5.54	9	121

Best Double Couple:Mo=5.3*10**23
NP1:Strike=257 Dip=72 Slip= 175
NP2: 348 85 18

BGA	1.21	133	iPd	24 04.00	-0.7
			eS	24 27.00	
PAA	1.54	129	iPd	24 06.80	-0.5
			eS	24 33.00	
RAB	2.40	298	iPc	24 15.20	-0.5
			iS	24 48.00	
BIAL	3.23	270	iPd	24 25.50	0.2
VSG	6.64	126	eP	25 08.00	-0.3
SVO	6.67	125	eP	25 10.00	1.4
PMG	8.17	240	eP	25 30.00	1.7
MDG	8.48	270	eP	25 19.00	-13.2X
JAY	13.84	281	ePc	26 40.70	0.1
	0.6s	25.10nm		4.8mb	X
CTA	16.64	207	iPc	27 15.20	0.5
	1.0s	391.50nm		5.8mb	
			iS	30 18.00	
			iS	30 31.00	
DZM	20.39	146	iPc	27 53.00	-0.9
NOU	20.58	146	iPc	27 55.00	-0.7
RMO	21.71	194	eP	28 08.00	1.3
	1.0s	386.00nm		5.9mb	
BRS	22.00	184	iPc	28 10.60	1.0
			eS	32 03.00	
WB2	24.25	231	iPc	28 31.00	-0.1
			eS	32 34.20	
WRA	24.25	231	Pc	28 31.30	0.2
	0.7s	102.50nm		5.5mb	
COO	25.23	185	eP	28 41.00	0.9
ASPA	26.81	225	iPc	28 53.70	-0.8
	0.6s	38.00nm		5.3mb	
KNA	27.12	246	eP	28 57.00	-0.3
CMS	27.22	196	eP	28 57.00	-1.0
STK	28.98	203	eP	29 13.00	-0.8
CAN	30.26	189	iPd	29 25.80	0.8
WAM	31.13	188	iPd	29 33.50	1.0
BFD	33.48	197	eP	29 53.00	0.1
WBN	33.62	229	iPc	29 54.10	-0.2
MBL	36.93	242	eP	30 21.30	-1.0
	0.7s	23.00nm		4.9mb	
KLG	39.92	227	eP	30 46.00	-0.9
MNG	39.96	155	P	30 46.40	-0.7
MEK	40.14	234	iPd	30 48.70	-0.1
	0.5s	31.00nm		5.1mb	
MSZ	40.97	165	P	30 56.00	0.7
NAU	41.19	242	eP	30 57.00	-0.4
KL8	43.05	228	iPd	31 11.40	-1.0
	0.3s	5.00nm		4.5mb	
MRWA	43.30	232	eP	31 13.00	-1.5
	0.4s	16.00nm		4.9mb	
BAL	43.37	230	eP	31 14.00	-1.0
NWAO	44.10	227	eP	31 20.00	-0.9
RKG	44.85	225	eP	31 29.00	2.3
PKI	73.98	301	eP	34 47.50	1.0
	0.4s	2.00nm		4.2mb	
KKN	74.14	301	eP	34 48.20	0.9
	0.4s	2.00nm		4.2mb	
GBA	78.55	285	P	35 12.00	0.3
COL	81.81	21	eP	35 29.00	1.0
BAO	149.66	134	e(PKP)	42 52.60	-1.2

S.D. = 1.0 on 40 of 41 obs.

DEC 18, 1985 08h 03m 18.93± 0.43s
58.173 N ±11.2km 32.417 W ± 6.1km
DEPTH = 10.0km (geophysicist)
4.7mb (18 obs.) 4.2Msz (1 obs.)
NORTH ATLANTIC OCEAN (402)

FLN	21.03	103	eP	08 06.70	1.9
	1.1s	45.90nm		4.8mb	
GRR	21.07	104	eP	08 07.10	1.9
	1.0s	36.00nm		4.7mb	
LPF	21.20	105	eP	08 08.40	1.8
	1.2s	41.60nm		4.7mb	
UCC	22.37	93	P	08 20.00	1.8
SNF	22.49	94	P	08 19.10	-0.3
WIT	22.54	87	eP	08 17.00	-2.9
DOU	22.89	95	P	08 29.00	5.7X
WTS	23.03	88	eP	08 25.50	0.8
ENN	23.21	92	eP	08 27.00	0.5
MEM	23.34	92	P	08 29.00	1.2
HFS	23.36	65	eP	08 28.90	1.0
	0.8s	9.80nm		4.4mb	
Z	14s	0.85um		4.4MszX	
		LR	14 59.00		
LSF	23.70	105	eP	08 31.60	0.3
GRC	23.80	102	iPc	08 31.50	-0.7
WLF	23.96	94	P	08 33.20	-0.5
TCF	24.02	105	eP	08 36.20	1.8
	1.2s	13.00nm		4.4mb	
BGF	24.17	103	eP	08 37.50	1.7
	0.8s	6.70nm		4.3mb	
MZF	24.26	104	eP	08 36.60	-0.2
	1.0s	8.00nm		4.3mb	
AVF	24.27	102	eP	08 36 00	-0.9
	1.0s	10.00nm		4.4mb	
SMF	24.62	102	eP	08 39.50	-0.4
	1.0s	10.80nm		4.5mb	
TOL	25.79	123	eP	08 52.00	0.6
MOX	26.30	87	eP	08 55.00	-1.0
	1.5s	28.00nm		4.7mb	
		LQ	19 48.00		
GRF	26.63	89	eP	08 58.30	-0.8
Z	22s	0.80um		4.2Msz	
CLL	26.66	85	eP	08 58.00	-1.3
BRG	27.40	85	e(P)	09 02.00	-4.1X
SOD	27.45	46	eP	09 05.00	-1.3
SUF	28.36	56	eP	09 14.00	-0.6
NUR	28.42	61	eP	09 17.00	1.9
Z	24s	0.50um		4.0MszX	
		LR	18 40.00		
KJF	28.60	52	eP	09 10.00	-6.7X
KSP	28.66	83	eP	09 16.00	-1.4
KRA	31.02	82	ePc	09 36.60	-1.8
MBC	33.89	335	eP	10 04.00	0.8
FFC	37.05	296	eP	10 31.00	0.7
	0.8s	5.00nm		4.3mb	
YKA	38.32	312	eP	10 42.60	1.7
INK	41.47	327	eP	11 05.00	-1.8
EDM	43.30	300	eP	11 22.50	0.5
COL	47.92	329	eP	11 58.00	-0.6
	0.8s	7.46nm		4.8mb	
FBA	47.92	329	eP	11 57.80	-0.8
	0.8s	7.70nm		4.8mb	
IMA	48.54	332	eP	12 04.20	0.6
PNT	48.84	300	eP	12 08.00	2.0
	0.6s	8.00nm		4.9mb	
PWA	51.06	327	eP	12 21.90	-0.8
JCT	52.85	269	eP	12 37.00	0.3
	1.0s	9.00nm		4.7mb	
ALQ	52.90	278	eP	12 37.00	-0.2
EUR	54.33	289	iP	12 47.50	-0.2
	0.2s	5.30nm		5.2mb	
IR2	57.15	74	(P)	13 07.00	-1.0
BNG	66.55	122	iPc	14 08.70	-2.4
	0.6s	8.00nm		5.1mb	
ITR	66.88	186	e(P)	14 17.00	3.9X
SOB1	67.50	189	eP	14 15.10	-2.0
BAO	74.65	196	e(P)	14 59.60	-0.5
KKN	79.92	53	eP	15 30.00	0.5
	0.6s	10.00nm		5.0mb	
SPA	148.00	180	ePKP	23 07.50	6.2X
	1.0s	10.00nm			

S.D. = 1.3 on 45 of 50 obs.

? DEC 18, 1985 08h 08m 43.17± 5.50s
39.089 N ±14.6km 25.160 E ±47.0km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

EZN	1.16	50	iPg	09 05.20	0.3
			iSg	09 17.20	
IZM	1.78	112	iPn	09 14.40	0.1
EDC	2.43	58	iPn	09 23.60	0.0
KCT	2.73	64	ePn	09 27.40	-0.4
VAY	2.98	319	ePn	10 02.50	31.1X
CTT	3.24	50	ePn	09 35.00	-0.1
DMK	3.37	35	ePn	09 37.00	0.1
ISK	3.58	55	ePn	09 46.00	6.1X

S.D. = 0.3 on 6 of 8 obs

DEC 18, 1985 08h 26m 06.82± 0.57s
41.454 N ± 5.5km 22.264 E ± 4.8km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
Felt (IV) in the Negotino-Demir Kopijo area.

VAY	0.27	120	iPg	26 12.20	-0.2
			iSg	26 15.80	
KNT	0.56	121	iPc	26 17.40	-0.8
			eS	26 24.90	
SKO	0.81	310	iPg	26 21.50	-1.0
			iSg	26 32.50	
THE	0.98	147	eP	26 24.50	-0.9
SOH	1.04	127	eP	26 25.70	-0.7
			eS	26 40.50	
SRS	1.06	108	ePc	26 26.20	-0.5
			eS	26 42.00	
MMB	1.11	83	iPgc	26 27.00	-0.6

18d 08h

			Sg	26 41.00		
OHR	1.16	253	iPg	26 28.80	0.3	
			iSg	26 45.30		
VTS	1.34	31	iPgc	26 32.00	0.5	
			iSg	26 49.00		
LIT	1.36	173	eP	26 32.20	0.3	
			eS	26 52.00		
OUR	1.72	130	eP	26 38.10	1.2	
PAIG	1.87	144	eP	26 40.10	1.0	
KDZ	2.32	84	iPd	26 47.00	1.3	
			iS	27 17.00		
DIM	2.55	75	eP	26 49.00	0.1	

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

DEC 18, 1985 09h 30m 54.75± 0.69s
42.291 N ± 7.1km 19.875 E ± 5.7km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)

PVY	0.31	13	ePg	31 00.20	-1.1	
			eSg	31 05.40		
TTG	0.48	287	iPg	31 03.50	-0.9	
			eSg	31 12.00		
ULC	0.57	235	ePg	31 06.30	0.0	
			eSg	31 25.60		
BDV	0.78	270	ePg	31 10.00	0.1	
			eSg	31 23.50		
NKY	0.83	309	ePg	31 10.00	-0.9	
			eSg	31 24.00		
HCY	1.03	279	ePg	31 14.40	0.2	
			eSg	31 31.00		
BRY	1.16	302	ePg	31 16.00	-0.5	
			eSg	31 35.00		
SKO	1.21	105	iPn	31 18.00	0.8	
OHR	1.37	149	ePn	31 19.00	-0.9	
VAY	2.24	115	ePn	31 36.00	3.6X	
BEO	2.56	9	eP	31 45.50	8.5X	
CEY	5.23	313	ePn	32 16.80	2.0	
			eSn	33 19.10		
VOY	5.70	313	iPn	32 22.80	1.2	
			eSn	33 30.10		

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

• DEC 18, 1985 09h 53m 41.66± 1.62s
51 659 N ±10.1km 7.593 E ±12.6km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

WTS	0 59	305	ePg	53 53.50	-0.1	
	0.6s	27	00nm			
			e	55 05.50		
JCK	0.96	230	iPc	53 59.40	-0.5	
			iS	54 14.90		
GSH	1.20	220	iP	54 03.80	-0.2	
			iS	54 21.50		
ENN	1.38	230	iPn	54 07.60	0.7	
	0.5s	14	00nm			
			eSg	54 26.50		
MEM	1.45	224	Pg	54 08.00	0.1	
			e	54 28.00		
TNS	1.54	159	ePn	54 09.10	-0.1	
WLF	2.20	205	Pg	54 25.00	6.3X	
DOU	2.46	232	Pn	54 27.50	5.1X	
			e	54 59.70		

S.D. = 0.5 on 6 of 8 obs.

• DEC 18, 1985 10h 25m 41.85± 1.08s
31.661 S ±12.4km 69.904 W ±11.7km
DEPTH = 33.0km (normal)
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.96	80	iPc	25 59.90	0.8	
ZON	1.05	84	iPd	26 02.20	1.8	
			eS	26 17.00		
RTCV	1 18	100	iPd	26 01.90	-0.3	
			S	26 18.00		
RTLL	1 27	75	iPd	26 02 10	-1.3	
			S	26 21 00		
SPA	1 42	88	ePd	26 04 30	-1.3	
			S	26 22.80		
RDCH	1 61	215	iP	26 09.50	1.0	
			iS	26 31.80		
PEL	1.62	204	iPd	26 09.50	1.0	
			iS	26 31.10		
PCH	1.69	191	iPd	26 10.90	1.1	
			i	26 32.80		
			i	26 33.70		
BACH	1.76	196	iPc	26 11.50	1.0	
			iS	26 35.00		
PCH	2.02	195	iP	26 14.50	0.1	
			iS	26 40.40		
TACH	2.17	203	iPd	26 15.50	-0.9	
			i	26 42.00		
CHCH	2.35	195	iPd	26 18.10	-0.9	
			iS	26 47.00		
LNV	2.62	209	iP	26 20.50	-2.2	
			iS	26 51.00		
VCA	3.26	27	ePd	26 32.20	0.2	
			S	27 11.00		
RFA	3.33	159	ePd	26 28.10	-4.8X	

S.D. = 1.3 on 14 of 15 obs.

• DEC 18, 1985 11h 57m 17.02± 1.05s
4.707 S ±16.2km 151.934 E ±10.0km
DEPTH = 33.0km (normal)
4.1mb (1 obs.)
NEW BRITAIN REGION (192)

BIAL	1.06	236	iPd	57 37.00	1.4	
BGA	3.53	114	iPc	58 11.00	-0.1	
			eS	58 51.00		
PAA	3.88	114	eP	58 16.00	0.1	
			eS	59 00.00		
ALOA	5.77	195	eP	58 36.00	-6.6X	
PMG	6.66	225	eP	58 55.00	-0.1	
CTA	16.26	199	eP	01 06.00	1.3	
WB2	22.86	227	eP	02 17.00	-1.8	
			e	02 29.80		
WRA	22.87	227	Pc	02 18.20	-0.7	
	0.5s		3.20nm		4.1mb	
ASPA	25.65	221	eP	02 45.00	-0.6	
PKI	71.64	301	eP	08 39.80	1.6	
KKN	71.81	301	eP	08 40.80	1.7	
GBA	76.12	285	P	09 01.00	-2.9	

S.D. = 1.6 on 11 of 12 obs.

% DEC 18, 1985 12h 20m 36.80± 2.69s
39.251 N ±12.1km 26.320 E ±28.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EZN	0.57	0	iPg	20 49.20	0.8	
			iSg	21 00.20		
IZM	1.13	139	iPn	20 57.90	0.0	
EDC	1.62	47	ePn	21 05.00	-0.4	
KCT	1.86	57	ePn	21 10.00	1.0	
DMK	2.79	23	ePn	21 21.00	-1.3	

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

• DEC 18, 1985 12h 35m 05.75± 1.15s
35.289 S ± 9.6km 71.136 W ±12.4km
DEPTH = 94.4 ± 8.3 km
4.6mb (3 obs.)
CENTRAL CHILE (136)

LNV	1.35	350	iPd	35 30.50	0.3	
CHCH	1.41	17	iPc	35 31.10	0.1	
TACH	1.64	6	iPd	35 33.70	-0.2	
			iS	35 52.60		
PCH	1.74	17	iPd	35 35.30	0.0	
			iS	35 55.20		
SAN	1.87	12	iP	35 37.00	0.0	
			iS	35 59.00		
BACH	2.00	16	iPc	35 38.60	-0.2	
			iS	36 02.40		
PCH	2.08	20	iPd	35 39.70	-0.3	
			iS	36 05.00		
PEL	2.17	10	iPc	35 41.00	0.0	
			iS	36 03.00		
RFA	2.25	77	eP	35 42.70	0.6	
			S	36 07.30		
RDCH	2.31	3	iPc	35 42.30	-0.8	
			iS	36 04.00		
ZON	4.26	30	eP	36 11 00	1.4	
VCA	6 99	22	ePd	36 46.00	-1.4	
			S	36 01 00		
VBA	7.86	113	ePc	36 58.20	-1.0	
CNCB	18.62	10	P	39 20.00	0.7	
LPB	18.88	9	eP	39 23.00	1.1	
ZOBO	19.13	9	P	39 25.50	0.7	
SPA	54.89	180	iPd	44 30.00	1.4	
	0.6s		4.07nm		4.6mb	
JCT	70.77	334	eP	46 12.00	-1.7	
	1.0s	14	00nm		4.8mb	
KIC	74.79	71	eP	46 [illegible] 70	-0.9	
ALQ	77.26	331	eP	46 51.00	-0.3	
	1.0s	4	50nm		4.3mb	

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

DEC 18, 1985 13h 36m 56.30± 1.00s
39.148 N ± 7.6km 26.111 E ±11.0km
DEPTH = 10.0km (geophysicist)
TURKEY (3[illegible])

EZN	0.70	14	iPg	37 09.20	-0.9	
			iSg	37 18.20		
IZM	1.17	129	iPn	37 18 80	0.6	
EDC	1.81	48	ePn	37 28.10	0.4	
KDZ	2.56	347	iPd	37 39.00	0.5	
			iS	38 9 00		
			iSg	38 [illegible].00		
YER	2.64	139	ePn	37 38.80	-0.9	
CTT	2.67	41	ePn	37 41.10	0.9	
DMK	2.95	25	iPn	37 43.40	-0.6	
ISK	2.96	49	ePn	37 50.00	5.8X	
ISK	2.96	49	ePn	37 59.00	14.8X	
MMB	3.04	324	iPd	37 46.60	0.6	
PLD	3.14	341	eP	37 54.00	7.3X	
JMB	3.34	6	eP	37 57.00	7.5X	
VAY	3.47	310	ePn	38 03.00	11.6X	
PVL	4.06	350	eP	37 59.00	-0.7	

S.D. = 0.9 on 9 of 14 obs.

DEC 18, 1985 14h 29m 02.47± 0.51s
50.214 N ± 4.9km 12.424 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.1 (GRF).

HOF	0.36	286	iPgd	29 09.90	-0.1	
MOX	0.67	310	ePg	29 15.50	-0.4	
			iSg	29 24.00		
GRF	0.94	237	iPgc	29 20.80	0.5	
			eSg	29 33.20		
			eLg	29 35.40		
WET	1.11	164	iPgd	29 23.30	0.0	
CLL	1.16	18	iPg	29 24.20	0.1	
			iSg	29 39.40		
BRG	1.17	55	iPg	29 24.60	0.2	
			iSg	29 39.50		
KHC	1.32	145	iPg	29 26.50	-0.3	
			Sg	29 44.00		
PRU	1.38	99	Pg	29 27.80	0.0	
			Sg	29 45.00		
			i	29 45.80		

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

DEC 18, 1985 14h 34m 40.21± 0.54s
50.239 N ± 5.3km 12.441 E ± 4.8km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.8 (GRF).

HOF	0.37	282	ePg	34 47.40	-0.4	
MOX	0.67	308	iPg	34 53.00	-0.5	
			iSg	35 02.50		
GRF	0.96	236	iPgc	34 59 50	1.0	
			eSg	35 11.20		
			eLg	35 13.20		
CLL	1.13	18	iPg	35 01.70	0.3	
			iSg	35 16.80		
WET	1.13	165	iPgd	35 01.10	-0.3	
BRG	1.15	56	iPg	35 01.90	0.2	
			iSg	35 16.90		
KHC	1.33	146	iPg	35 04.50	-0.3	
			Sg	35 22.20		
PRU	1.38	100	Pg	35 05.40	0.0	
			Sg	35 22.00		
			i	35 23.50		

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

? DEC 18, 1985 15h 44m 02.60± 2.48s
0.093 S ±30.4km 123.820 E ±10.9km
DEPTH = 112.5 ± 15.0 km
4.4mb (2 obs.)
MINAHASSA PENINSULA (265)

PCI	4.06	259	eP	45 03.00	-0.8	
			eS	46 46.70		
AAI	5.64	129	ePc	45 25.50	0.0	
			eS	46 33.00		

18d 15h

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MKS      6.69 220 iPc    45 40.50    0.6
                  e      47 56.00
MKS      6.69 220 iPc    45 40.80    0.9
MBL     21.30 190 eP     48 41.00   -0.7
        0.5s      7.00nm          4.3mb
WRA     22.26 153 Pc     48 49.90   -1.3
        0.6s     13.40nm          4.5mb
WB2     22.26 153 eP     48 50.00   -1.3
ASPA    25.40 158 eP     49 21.00   -0.3
W8N     26.03 174 eP     49 26.50   -0.6
STK     35.81 154 iPd    50 52.40   -0.5
YOU     41.06 148 iPd    51 37.70    1.1
CAN     42.18 149 iPd    51 47.00    1.2
WAM     42.80 150 eP     51 52.50    1.7
     S.D. = 1.2  on  13 of  13 obs.

% DEC 18, 1985  15h 53m 41.72± 3.88s
   39.177 N ±13.8km   26.130 E ±37.7km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                              (366)

EZN      0.67  13 iPg    53 55.30    0.4
                  iSg    54 07.30
IZM      1.18 131 iPn    54 03.80    0.0
EDC      1.77  48 ePn    54 13.10    0.5
KCT      2.02  57 ePn    54 16.00   -0.3
YER      2.65 140 ePn    54 31.30    6.0X
DMK      2.92  25 ePn    54 28.40   -0.6
     S.D. = 0.6  on   5 of   6 obs.

% DEC 18, 1985  15h 57m 50.38± 4.35s
   39.097 N ± 8.6km   25.660 E ±43.4km
   DEPTH =  10.0km  (geophysicist)
 AEGEAN SEA                          (365)

EZN      0.89  35 iPg    58 08.30    0.9
                  iSg    58 17.30
IZM      1.43 119 iPn    58 16.70    0.2
EDC      2.11  53 iPn    58 26.10    0.0
KCT      2.38  60 ePn    58 29.80   -0.2
YER      2.85 133 ePn    58 36.80    0.0
CTT      2.95  45 iPn    58 37.50   -0.6
DMK      3.16  30 ePn    58 40.90   -0.1
ISK      3.27  52 ePn    58 39.00   -3.6X
     S.D. = 0.6  on   7 of   8 obs.

   DEC 18, 1985  16h 53m 53.00± 0.73s
   32.082 N ± 5.9km  132.083 E ± 5.4km
   DEPTH =  50.3 ±  5.8 km
   4.8mb (  9 obs.)  5.0Msz (  2 obs.)
 SHIKOKU, JAPAN                      (236)
      Felt (I JMA) at Nobeoka, Oita
      and Kyushu. Also felt at
      Miyazoki.

MYZ      0.58 254 iPc    54 05.10   -0.2
                  iS     54 14.30
NOB      0.60 326 iPd    54 03.90   -1.7
                  S      54 12.00
ASZ      1.01  51 eP     54 09.00   -2.1
                  iS     54 22.20
ASJ      1.16 313 Pd     54 13.40    0.1
OIT      1.21 341 Pc     54 14.80    1.0
                  S      54 31.40
KUM      1.37 302 P      54 17.80    1.7
                  S      54 37.80
SAG      1.90 308 eP     54 25.00    1.5
                  eS     54 51.00
NGS      1.98 290 Pc     54 25.60    0.9
                  S      54 50.60
FKK      2.07 317 iPc    54 26.50    0.6
                  S      54 55.70
SHK      2.49  11 ePc    54 31.20   -0.8
TKM      2.78  36 eP     54 46.00   10.0X
                  iS     55 22.80
HMD      2.80 360 eP     54 43.00    6.6X
                  S      55 20.00
TKS      2.88  46 eP     54 51.00   13.5X
                  S      55 30.40
TOT      3.84  26 eP     55 05.00   14.0X
                  e      55 53.00
TYK      4.13  33 eP     55 11.00   15.9X
                  eS     56 04.00
SAI      4.24  14 eP     55 15.00   18.3X
                  eS     56 06.00
MAT      6.74  47 iPd    55 30.20   -1.7
        0.8s     18.66nm          4.8mb X

                  eS     56 40.00
SSE      9.35 267 Pc     56 07.70   -0.2
        1.0s     45.00nm          5.5mb X
     Z  14s      5.20um           5.3Msz
     N  12s      1.60um
     E  13s      2.70um
                  i      56 23.00
                  e      58 51.50
                  i      59 16.00
NJ2     11.22 273 Pd     56 34.50    1 0
                  sP     56 42.00
SNY     11.86 327 iPc    56 44.00    2.0
MDJ     12.67 352 eP     56 51.50   -1.2
CN2     12.81 338 Pd     56 56.00    1.4
                  sP     57 03.50
TIA     13.06 292 eP     56 58.40    0.5
BJI     15.11 306 eP     57 25.00    0.4
                  e      57 30.50
                  eS     00 39.00
TIY     17.06 295 eP     57 50.80    1.2
HHC     18.65 304 Pc     58 09.60    0.5
HKC     18.65 243 eP     58 07.00   -2.1
XAN     19.51 282 eP     58 17.60   -1.4
BTO     19.67 302 P      58 19.50   -1.2
                  sP     58 29.00
MAN     20.04 213 eP     58 26.00    1.3
GYA     22.85 262 P      58 53.00    0.1
                  PP     59 29.00
                  S      03 01.00
LZH     23.69 287 eP     59 00.50   -0.6
                  eS     03 13.00
CD2     24.16 275 P      59 05.00   -0.6
                  eS     03 24.00
GTA     27.09 295 P      59 31.00   -2.0
                  PcP    02 53.60
CHG     32.57 254 eP     00 21.00   -0.8
WMQ     36.51 302 Pc     00 53.50   -1.8
IPM     39.93 233 ePd    01 25.00    0.9
PKI     40.50 276 eP     01 28.20   -0.9
        0.8s     12.00nm          4.7mb
KKN     40.54 276 eP     01 28.80   -0.5
        0.9s     21.00nm          4.9mb
DMN     40.74 276 eP     01 31.30    0.3
PSI     42.73 234 ePd    01 58.50   11.5X
VSG     48.85 143 eP     02 17.00  -18.6X
HYB     50.28 266 eP     02 45.70   -1.0
WRA     51.77 177 Pc     02 57.90    0.1
        1.1s     6.90nm           4.6mb
WB2     51.77 177 eP     02 58.00    0.2
GBA     53.05 263 P      03 07.00   -0.5
CTA     53.62 163 iPd    03 12.00    0.5
        0.9s     21 01nm          5.2mb
POO     53.77 270 iPd    03 07.00   -5.8X
COL     57.30  30 eP     03 39.00    1.3
WBN     58.13 186 eP     03 44.80    1.0
INK     62.19  25 eP     04 13.00    1.8
BRS     62.34 159 P      04 13.20    0.6
MBC     63.35  15 eP     04 24.00    5.3X
ALE     65.42   2 eP     04 33.00    1.0
KJF     67.48 333 eP     04 44.00   -1.4
SUF     68.79 332 iP     04 52.20   -1.4
        0.6s     2.80nm           4.4mb
YKA     71.81  27 eP     05 13.90    2.0
YKC     71.87  27 eP     05 13.00    0.8
HFS     75.19 333 eP     05 29.80   -1.8
        0.6s     2.20nm           4.3mb
     Z  18s      0.58um           4.9Msz
                  LR     39 46.00
KRA     78.59 322 ePc    05 50.20   -0.5
                  e      05 58.80
SPC     78.95 322 eP     05 50.00   -2.9
SRO     80.80 321 eP     06 02.00   -0.6
BRG     81.07 326 iP     06 04.50    0.6
ZST     81.20 322 eP     06 06.40    1.7
CLL     81.23 326 eP     06 05.00    0.3
        1.3s     15.00nm          4.8mb
PRU     81.35 325 P      06 05.50    0.1
KHC     82.39 324 P      06 11.60    0.7
                  e      06 20.50
MSZ     83.07 155 eP     06 29.40   15.2X
GRF     83.16 326 eP     06 15.30    0.5
        1.4s     47.00nm          5.3mb
     Z  19s      0.60um           5.0Msz
LJU     83.93 322 eP     06 18.80    0.0
VOY     84.27 322 eP     06 20.10   -0.6
TRI     84.55 322 iPc    06 21.40   -0.5
EUR     84.88  46 iP     06 26.20    2.2

        0.2s     5.58nm           5.3mb
KIC    123.86 305 ePKP   12 47.60    0 0
ZOBO   155.83  54 ePKP   13 52 00    0.2
LPB    156.03  55 ePKP   13 56 00    0 1
CNCB   156.30  55 ePKP   13 48 00    3 6
     S.D. = 1.2  on  63 of  77 obs.

•  DEC 18, 1985  17h 00m 12.95± 0 73s
   13.954 S ± 9.2km  166.995 E ±13 7km
   DEPTH =  33.0km  (normal)
   4.9mb (  6 obs.)
 VANUATU ISLANDS                     (186)

DZM      8.09 184 iPc    02 10.50   -0.7
                  iS     03 46.00
HNR      8.24 302 eP     02 14.00    0 9
NOU      8.33 183 iPc    02 15.80    1.5
                  iS     03 50.00
PMG     19.94 281 eP     04 45.00   -0.2
CTA     20.74 250 iPc    04 54.30    0.8
        0.8s     9.70nm           4.2mb
KRP     25.05 164 eP     05 40.00    4.3X
CMS     26.10 225 eP     05 45.00   -0.6
STK     29.30 228 iPd    06 14.80    0.1
WRA     31.76 255 Pc     06 34.00   -2.6
        0.5s     2.00nm           4.2mb
PSI     69.45 278 ePd    11 16.50   -4.0X
KMI     73.67 302 Pc     11 46.50    0.6
CHG     74.52 294 eP     11 51.00    0.4
SPA     76.14 180 eP     11 54.00   -5.2X
        1.0s     3.50nm           4.3mb
PKI     89.10 299 iPd    13 07.20    0.1
        0.6s    14.00nm           5.5mb
KKN     89.27 299 iPd    13 08.10    0 4
        0.6s    14.00nm           5.4mb
DMN     89.36 299 iPd    13 08.80    0 5
        0.6s    28.00nm           5.7mb
QUE    105.46 298 ePKP   18 12.00  -23.0X
KJF    122.51 340 ePKP   19 04.00   -2.0
SUF    124.03 339 iPKP   19 08.20   -0.9
        0.5s     2.30nm
NUR    126.05 338 iPKP   19 12.70   -0 4
        0.5s     5.60nm
SOB1   144.01 128 ePKP   19 48.40    0.6
BNG    147.49 256 iPKPc  19 55.20    1 6
        0.5s    27.00nm
                  i      20 09.90
     S.D. = 1.1  on  18 of  22 obs.

   DEC 18, 1985  17h 17m 34.43± 0.50s
   39.211 N ± 5.0km   26.260 E ± 5.2km
   DEPTH =  17.1 ±  5.0 km
 TURKEY                              (366)
      ML 3.5 (ATH).

PRK      0.04  15 iPgc   17 36.90   -0.7
EZN      0.62   5 iPg    17 46.30    0.0
IZM      1.13 136 iPn    17 55.40    0.3
EDC      1.68  47 iPn    18 04.50    1.3
KCT      1.92  57 iPn    18 06.80    0 1
ATH      2.35 239 ePb    18 15.20    2 4
                  eSn    18 41.70
KDZ      2.52 344 iPd    18 16.00    0 7
                  iS     18 46.00
                  iSg    18 54.00
CTT      2.55  40 iPn    18 16.80    1 1
YER      2.61 142 ePn    18 15.90   -0 9
ISK      2.83  48 ePn    18 19.80    0 1
DMK      2.85  23 iPn    18 19.90    0 0
MMB      3.06 322 iPc    18 22.00   -1.0
PLD      3.12 338 eP     18 24.00    0.2
JMB      3.26   4 eP     18 34.00    8 2X
VAY      3.52 308 ePn    18 39.50   10.0X
KZN      3.63 289 ePn    18 30.20   -0.9
ELL      3.79 129 eP     18 33.00   -0 4
BCK      3.83 116 iPn    18 33.30   -0.6
PVL      4.02 349 iPd    18 36.00   -0.4
VTS      4.10 327 iP     18 38.00    0.3
     S.D. = 1.0  on  18 of  20 obs.

   DEC 18, 1985  17h 23m 16.05± 0.71s
   44.619 N ± 5.2km  111.040 W ± 9.2km
   DEPTH =   5.0km  (geophysicist)
 HEBGEN LAKE REGION                  (458)
      ML 2.8 (NEIS).

IMW      0.73 174 iPc    23 30.20   -0.4
```

18d 17h

CCMT	1.34	283	iPd	23	42.30	0.9
TMI	1.46	206	eP	23	43.00	-0.3
SXM	1.53	356	ePn	23	44.70	0.4
LRM	1.56	321	ePn	23	45.20	0.4
HPI	1.74	239	eP	23	47.50	0.2
BUT	1.76	323	ePg	23	49.70	2.1X
			eSn	24	11.00	
BDW	2.13	149	e(P)	23	53.50	0.5
HRY	2.16	345	ePn	23	53.20	-0.2
NEW	5.56	313	e(P)	24	40.00	-1.5

S.D. = 0.8 on 9 of 10 obs.

* DEC 18, 1985 17h 45m 23.71± 0.67s
28.148 N ±10.8km 140.657 E ±10.0km
DEPTH = 33.0km (normal)
5.0mb (2 obs.) 4.5Msz (1 obs.)
BONIN ISLANDS REGION (212)

CBI	1.71	128	eP	45	52.00	0.3
			eS	46	11.00	
MAT	8.62	347	(P)	47	31.00	1.8
	1.0s		25.00nm			5.3mb X
			eS	49	14.00	
SSE	17.18	285	P	49	23.00	0.2
	7.0s		0.80nm			2.0mb X
	N 12s		0.50um			
			S	52	46.00	
DL2	19.11	309	eP	49	46.00	-0.5
NJC	19.26	287	Pd	49	51.00	2.8
CNC	19.83	326	eP	49	47.00	-7.5X
QZH	19.99	266	Pc	49	57.00	0.7
TIA	21.44	298	eP	50	09.20	-2.0
WHN	23.04	282	eP	50	28.00	1.0
BJI	23.41	307	eP	50	28.00	-2.5
			eS	54	43.00	
			eSS	55	40.00	
BTO	28.03	304	Pc	51	13.50	-0.4
CD2	32.13	284	eP	51	48.60	-1.8
GTA	35.48	299	eP	52	15.00	-4.4X
WMQ	44.86	305	Pc	53	32.50	-4.3X
PSI	47.14	245	eP	53	55.50	0.5
WB2	48.20	188	eP	54	02.80	-0.3
WRA	48.20	188	Pc	54	02.90	-0.2
	0 8s		11.80nm			5.0mb
PKI	48.48	283	eP	54	06.10	0.4
KKN	48.54	283	eP	54	06.20	0.2
	0.4s		6.00nm			5.0mb
DMN	48.73	283	eP	54	07.60	0.0
INK	62.64	25	eP	55	46.00	-0.8
MBC	65.23	15	eP	56	02.00	-1.7
YKA	71.86	28	eP	56	47.20	2.3
ZOBO	150.93	72	PKPd	05	16.60	6.6X
Z	20s		0.07um			4.5Msz
			LR	13	50.00	
LPB	151.08	73	PKPc	05	20.00	10.0X
	0.5s		21.13nm			
CNCB	151.31	73	ePKP	05	20.00	9.5X

S.D. = 1.4 on 20 of 26 obs.

DEC 18, 1985 19h 28m 23.10± 0.62s
44.621 N ± 4.5km 111.065 W ± 8.4km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 3.0 (NEIS).

IMW	0.73	173	iPc	28	37.40	-0.3
CCMT	1.32	283	eP	28	48.70	0.6
LCCM	1.35	335	eP	28	48.40	-0.1
TMI	1.45	205	eP	28	50.00	-0.3
SXM	1.53	356	ePn	28	51.70	0.4
LRM	1.55	321	ePn	28	52.00	0.4
HPI	1.72	239	eP	28	54.60	0.4
BUT	1.75	323	ePg	28	56.40	2.0X
			eSn	29	17.80	
BDW	2.14	149	eP	29	00.50	0.3
HRY	2.16	346	ePn	29	00.40	0.1
NEW	5.55	313	eP	29	47.00	-1.4

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

? DEC 18, 1985 20h 32m 29.68±12.37s
33 528 S ±15.0km 72.416 W ±99.8km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

LNO	0 94	117	iPc	32	46.00	-0.5
			iS	32	57.10	
TACH	1.24	96	iPc	32	50.00	-0.8
			iS	33	05.60	
ROCH	1.30	65	iPc	32	51.50	-0.4
			iS	33	08.00	
SAN	1.47	88	iPd	32	54.40	0.3
			iS	33	11.00	
PEL	1.50	76	iPd	32	55.10	0.5
			iS	33	13.00	
CHCH	1.52	106	iP	32	54.80	-0.2
PCH	1.59	94	iPc	32	55.80	-0.2
			iS	33	14.50	
BACH	1 62	84	iP	32	56.60	0.3
			iS	33	16.00	
FCH	1.79	84	iP	32	59.40	0.3
			iS	33	21.00	
RFA	3.50	112	e(P)	33	24.60	1.4

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

DEC 18, 1985 21h 10m 21.99± 0.53s
37.551 N ± 6.0km 118.726 W ± 4.0km
DEPTH = 5.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
ML 3.2 (PAS).

PPK	0.66	101	iP	10	35.10	-0.2
SVP	0.75	77	eP	10	37.00	-0.3
LCH	0.92	110	eP	10	39.30	-0.8
FRI	0.96	235	eP	10	39.50	-1.3
MGM	0.98	96	eP	10	41.00	-0.3
MNA	0.99	27	eP	10	41.80	0.5
JAS1	1.39	286	eP	10	47.60	-0.5
MCA	1.47	128	eP	10	50.00	0.9
ISA	1.90	174	iPd	10	56.30	0.9
ARN	2.24	266	eP	11	01.40	1.0
BCH	2.60	205	eP	11	05.50	-0.1
ABL	2.72	189	eP	11	07.50	0.1

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

* DEC 18, 1985 21h 22m 33.49± 0.71s
35.279 N ±12.5km 69.756 E ±11.8km
DEPTH = 33.0km (normal)
4.3mb (6 obs.)
HINDU KUSH REGION (718)

QUE	5.60	206	eP	23	56.50	-0.3
			eS	25	14.00	
MHI	8.40	280	eP	24	59.00	23.0X
NDI	9.13	134	eP	24	56.00	10.1X
DMN	15.16	116	eP	26	08.00	0.9
	0.4s		11.00nm			4.5mb
KKN	15.19	115	eP	26	07.00	-0.4
	0.4s		9.00nm			4.4mb
PKI	15.40	116	eP	26	10.60	0.3
	0.4s		5.00nm			4.1mb
HYB	19.44	154	eP	27	10.60	10.3X
GBA	22.67	160	P	27	46.00	12.8X
			S	32	23.00	
NUR	38.24	326	iP	29	53.00	1.2
SUF	38.44	329	iP	29	53.50	0.1
	0.4s		1.70nm			4.2mb
HFS	43.42	323	eP	30	35.40	1.0
	0.5s		3.70nm			4.4mb
NB2	44.76	324	P	30	45.40	0.1
	0.5s		2.00nm			4.2mb
YKA	82.51	2	eP	34	50.80	-2.9

S.D. = 1.4 on 9 of 13 obs.

? DEC 18, 1985 21h 58m 44.83± 2.15s
16.540 N ±25.1km 98.816 W ±13.8km
DEPTH = 33.0km (normal)
4.6mb (3 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

III	1.93	341	iP	59	16.00	-0.1
			IS	59	52.00	
VHO	2.11	71	iP	59	19.00	0.3
TPM	2.44	355	iP	59	24.20	0.8
UNM	2.80	353	eP	59	37.00	8.5X
OXM	2.86	343	eP	59	30.00	0.5
TAC	2.87	353	eP	59	42.00	12.4X
PIM	3.40	301	eP	59	33.00	-3.8X
			i	00	22.00	
JCT	13.90	356	eP	02	08.50	6.7X
	1.2s		24.22nm			4.8mb X
SJG	15.79	113	eP	02	45.50	18.9X
BHO	18 12	11	e(P)	03	02.00	6.4X
TUI	19 48	7	eP	03	10.00	-2.0
	1 2s		60.20nm			4.7mb
ALQ	19.56	341	eP	03	1 .50	-1.6
	1.1s		7.91nm			3.9mb
RLO	19.84	9	e(P)	03	16.40	0.6
GLA	21.90	322	eP	03	00	0.0
BAR	22.78	318	eP	03	53.00	7.2X
PLM	23.35	319	eP	03	51.00	-0.4
TPC	23.36	322	eP	03	51.00	-0.4
GSC	24.64	323	eP	03	5 .00	-13.8
MWC	24.67	319	eP	04	1 .00	6
ISA	25.88	321	eP	04	23.00	7.5X
CWC	26.17	323	eP	04	20.00	1.7
YKA	47.23	350	eP	07	18.80	2.5
INK	56.23	345	eP	08	22.00	-1.9
COL	58.37	338	eP	08	44.00	5.0X
	1.0s		7.50nm			4.7mb

S.D. = 1.5 on 13 of 24 obs.

DEC 18, 1985 22h 13m 10± 0.5 s
50.214 N ± 4.9km 12.4 8 E ± 4 5
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.3 (GRF).

HOF	0.37	286	iPgd	13	18.50	-0.3
MOX	0.68	310	ePg	13	24.50	-0.1
			iSg	13	34.00	
GRF	0.94	237	iPgc	13	29.50	0.4
			eSg	13	41.80	
			eLg	13	44.10	
WET	1.11	165	ePg	13	32.00	0.1
CLL	1.15	18	iPg	13	32.90	0.2
			iSg	13	48.10	
BRG	1.17	55	iPgc	13	32.80	-0.1
			iSg	13	47.80	
KHC	1.31	145	iPg	13	35.00	-0.4
			Sg	13	52.60	
PRU	1.37	99	Pg	13	36.40	0.1
			Sg	13	54.00	
			e	13	55.00	

S.D. = 0.3 on 8 of 8 obs

DEC 18, 1985 22h 17m 10.60± 0.69s
39.002 N ± 6.1km 21.836 E ± 7.7km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.3 (ATH).

VLS	1.28	230	ePb	17	34.70	0.4
			eSg	17	55.00	
KZN	1.30	358	ePg	17	33.80	-1.0
ATH	1.80	124	ePb	17	41.00	-0.9
			eSg	18	08.80	
OUR	2.12	51	iPd	17	47.60	1.0
			eS	18	13.00	
SOH	2.16	32	eP	17	47.50	0.3
			eS	18	13.50	
OHR	2.25	340	iPn	17	49.00	0.5
KNT	2.31	20	iPc	17	49.90	0.7
VAY	2.38	13	iPn	17	50.00	-0.3
SRS	2.51	32	iPc	17	52.00	0.0
			eS	18	20.70	
SKO	2.98	354	ePn	17	58.00	-0.8
			i	18	05.00	

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

? DEC 18, 1985 22h 29m 16.65± 1.50s
18.733 S ±24.1km 173.570 W ±22.2km
DEPTH = 33.0km (normal)
4.6mb (3 obs.)
TONGA ISLANDS (173)

DZM	19.02	257	iPc	33	40.00	1.3
NOU	19.05	256	iPc	33	40.00	1.2
KRP	21.36	204	eP	34	03.90	0.6
MSZ	30.13	207	eP	35	29.80	4.2X
CTA	37.85	261	iPd	36	31.80	-0.6
	0.7s		7.88nm			4.7mb
WB2	48.99	260	eP	38	01.30	-1.1
ASPA	49.00	255	eP	38	01.00	-1.5
WRA	49.00	260	P	38	03.00	0.5
	0.6s		1.90nm			4.3mb
WBN	55.41	251	eP	38	49.00	-1.4
COR	77.90	34	eP	41	28.00	10.3X
COL	85.68	11	eP	41	54.00	1.0
	0.9s		6.72nm			4.9mb

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

DEC 18, 1985 22h 36m 26.25± 0.88s
5.158 N ± 6.6km 74.848 W ± 5.3km
DEPTH = 11.1 ± 5.6 km
5.0mb (40 obs.) 4.3Msz (1 obs.)
COLOMBIA (103)
Felt (VI) in central Colombia.

CHN	0.79	256	iP	36 44.00	2.4
BOG	0.94	124	iP	36 43.50	-0.9
			iS	36 56.00	
FUQ	1.15	74	iP	36 46.00	-1.8
BMG	2.59	43	iP	37 09.50	0.6
PSO	4.65	212	eP	37 41.00	2.5
UAV	5.03	47	eP	37 43.20	-0.4
SDV	5.59	48	ePn	37 50.70	-0.8
SDV	5.59	48	iPnc	37 51.30	-0.2
	0.3s	75.00nm		5.8mb X	
UPA	6.00	310	iPc	38 02.60	5.5X
	0.9s	84.03nm		5.5mb X	
			pP	38 14.70	
			(S)	39 23.00	
			LR	40 06.40	
LGN	6.09	35	e(Pn)	37 54.00	-4.4X
CAR	9.47	55	iPnd	38 41.80	-4.0X
	0.7s	32.88nm		5.8mb X	
CUM	11.82	63	ePn	39 16.30	-1.5
STH	12.98	352	iPd	39 36.06	2.6
			iS	41 58.28	
SJG	15.43	33	i(P)d	39 59.80	-5.8X
ZOBO	22.31	163	P	41 23.50	-2.5
	1.2s	43.92nm		4.8mb	
Z	19s	1.20um		4.3Msz	
			LR	49 30.00	
LPB	22.56	163	P	41 27.00	-1.4
Z	16s	1.35um		4.5MszX	
			LR	50 26.00	
CNCB	22.86	163	eP	41 31.00	-0.5
CCH	23.99	159	(P)	41 23.00	-19.2X
			e	48 36.00	
ATB	24.11	110	Pd	41 38.90	-4.1X
VHO	24.56	301	iP	41 32.00	-15.6X
TPZ	27.93	162	eP	42 17.00	-2.1
BLA	32.31	352	P	42 56.00	-1.5
BAO	33.68	128	iPc	43 06.40	-3.3X
JCT	34.45	320	iP	43 16.00	-0.1
	1.0s	15.00nm		4.9mb	
BHO	34.49	330	eP	43 16.20	-0.2
FVM	35.62	339	eP	43 25.50	-0.6
	0.5s	60.88nm		5.7mb	
RLO	36.00	332	eP	43 27.80	-1.5
TUL	36.17	331	eP	43 30.00	-0.7
	1.2s	60.20nm		5.3mb	
LTX	36.34	315	eP	43 33.50	1.2
	0.8s	8.03nm		4.6mb	
SOB1	36.73	113	eP	43 31.50	-4.2X
ITR	38.86	111	eP	43 45.70	-7.9X
			e	43 48.80	
VAO	39.06	137	eP	43 50.90	-4.3X
RSNY	39.23	0	P	43 56.30	0.0
ITA	40.23	134	e(P)	43 48.00	-17.2X
ALO	41.60	320	eP	44 17.00	0.8
	0.9s	18.91nm		4.8mb	
GLD	44.00	326	eP	44 36.60	0.9
	1.0s	60.00nm		5.4mb	
GOL	44.05	326	eP	44 36.50	0.3
	1.0s	35.00nm		5.1mb	
GLA	46.41	312	eP	44 56.00	1.1
BAR	47.63	310	eP	45 06.00	1.5
TPC	47.80	312	eP	45 07.00	1.1
PLM	48.07	311	eP	45 09.00	0.9
RSON	48.20	344	eP	45 06.80	-1.9
	0.5s	22.92nm		5.5mb	
BDW	48.46	326	eP	45 10.30	-0.7
	1.0s	14.00nm		5.0mb	
GSC	48.91	313	eP	45 15.00	0.5
MWC	49.34	312	eP	45 18.00	0.1
SCH	49.94	6	ePd	45 21.00	-1.0
ISA	50.29	313	eP	45 26.00	1.0
EUR	50.41	319	iP	45 26.00	-0.1
	0.3s	6.15nm		5.0mb	
SYF	50.91	311	eP	45 30.00	0.2
MNA	51.35	316	eP	45 33.60	0.4
BMN	51.73	319	P	45 35.00	-1.0
FRI	51.77	314	e(P)	45 35.30	-0.9
LRM	52.00	327	eP	45 37.50	-0.6
PRI	52.10	313	e(P)	45 39.00	0.2
LLA	52.50	313	eP	45 41.30	-0.4
PRS	52.69	313	eP	45 43.10	0.0
JAS1	52.70	315	eP	45 42.70	-0.4
MHC	53.32	314	eP	45 48.20	0.3
GCC	53.44	313	e(P)	45 48.70	0.1
BKS	53.97	314	eP	45 52.40	0.0
	1.0s	43.00nm		5.4mb	
BRK	53.98	314	e(P)	45 52.70	0.2
FFC	54.06	341	eP	45 51.00	-1.8
	0.8s	14.00nm		5.0mb	
ORV	54.18	316	ePc	45 54.20	0.2
SES	54.33	332	ePc	45 53.80	-1.2
	1.0s	100.00nm		5.8mb	
WDC	55.35	317	e(P)	45 59.90	-2.7
NEW	56.02	327	eP	46 06.00	-1.3
FHC	56.44	316	ePc	46 10.70	0.2
EDM	57.31	334	iP	46 14.00	-2.5
PNT	57.98	327	iPd	46 21.30	0.2
	1.0s	41.00nm		5.4mb	
FRB	58.65	3	eP	46 26.00	0.5
YKC	64.19	341	ePc	47 01.50	-1.5
	0.7s	26.00nm		5.5mb	
RSNT	64.23	341	eP	47 01.00	-2.2
	0.7s	49.59nm		5.8mb	
YKA	64.24	341	eP	47 01.70	-1.6
KIC	69.72	85	eP	47 34.70	-4.1X
INK	74.01	341	eP	48 02.00	-1.4
LPF	75.37	42	eP	48 14.00	2.4
	1.0s	12.00nm		4.9mb	
GRR	75.54	41	eP	48 14.80	2.2
	1.2s	32.10nm		5.3mb	
MFF	75.77	43	eP	48 16.20	2.3
	1.2s	20.20nm		5.1mb	
FLN	75.84	41	eP	48 16.90	2.6
	1.0s	16.00nm		5.1mb	
LPO	76.46	45	eP	48 20.00	2.1
	0.8s	6.40nm		4.8mb	
ALE	77.51	2	eP	48 21.00	-2.0
DAG	77.59	11	iPc	48 21.70	-1.8
	0.3s	7.79nm		5.3mb	
MZF	77.60	44	eP	48 26.40	2.2
	1.0s	8.00nm		4.8mb	
PMR	78.03	332	eP	48 24.80	-1.3
	1.0s	20.00nm		5.2mb	
GRC	78.04	43	iPd	48 30.80	4.3X
COL	78.15	335	eP	48 26.00	-0.8
FBA	78.15	335	eP	48 25.70	-1.1
AVF	78.18	43	eP	48 29.30	2.0
	1.2s	10.10nm		4.8mb	
SSF	78.31	43	eP	48 30.20	2.1
	1.0s	8.00nm		4.7mb	
SMF	78.50	44	eP	48 31.30	2.1
	1.0s	10.00nm		4.8mb	
LOR	78.57	43	eP	48 31.70	2.2
	1.0s	12.00nm		4.9mb	
LBF	78.62	43	eP	48 31.80	1.9
	1.2s	11.90nm		4.8mb	
ENN	80.19	40	ePd	48 40.50	2.4
MEM	80.23	40	P	48 43.00	4.7X
			e	49 07.20	
WLF	80.26	41	P	48 42.20	3.7X
HAU	80.30	42	eP	48 41.10	2.2
	1.0s	8.00nm		4.7mb	
LPG	80.45	45	eP	48 43.40	3.3X
	1.2s	11.90nm		4.8mb	
BSF	80.59	43	eP	48 42.60	2.1
	1.2s	14.20nm		4.9mb	
IMA	80.78	336	eP	48 40.50	-0.7
WTS	80.82	38	e(P)	48 42.50	1.1
CDF	80.94	42	eP	48 44.60	2.3
	1.2s	14.20nm		4.9mb	
SVW	81.05	331	eP	48 41.00	-1.6
NB2	83.61	29	P	48 55.00	-0.8
	0.8s	5.10nm		4.8mb	
CLL	84.67	39	eP	49 02.00	0.7
	1.3s	20.00nm		5.2mb	
HFS	84.84	30	eP	49 00.10	-1.8
	0.8s	4.10nm		4.7mb	
KBA	85.03	43	e(P)	49 05.00	1.6
	0.9s	7.60nm		4.9mb	
			i	49 08.70	
KHC	85.11	41	P	49 08.00	4.4X
BRG	85.27	39	eP	49 02.50	-1.8
	1.0s	10.00nm		5.0mb	
			e	49 10.00	
VOY	85.45	44	e(P)	49 05.20	-0.3
PRU	85.70	40	eP	49 03.50	-3.0X
			e	49 12.00	
KSP	86.76	39	eP	49 01.50	-10.2X
ZST	87.50	42	eP	49 07.50	-7.8X
			e	49 21.40	
SRO	88.34	42	eP	49 05.80	-13.5X
BNG	92.98	85	ePc	49 38 00	-3.6X
	0.6s	24.00nm		5.8mb	
			i	49 46 10	
			i	50 07 40	
KKN	142.04	29	ePKP	55 55.20	-6.0X
	0.5s	6.00nm			
HYB	145.46	49	iPKPc	56 04.60	-2.4
ASPA	146.75	234	ePKP	56 08.00	-1.0
GBA	146.77	56	PKP	56 08.50	-0.7
SHL	146.85	22	ePKP	56 09.00	-0.3
WB2	148.02	240	iPKPc	56 11.80	0.7
WRA	148.03	240	PKPd	56 11.90	0.8
	0.6s	4.80nm			

S.D. = 1.5 on 97 of 121 obs.

DEC 19, 1985 00h 46m 56.14± 0.24s
39.286 N ± 5.0km 75.460 E ± 4.7km
DEPTH = 33.0km (normal)
4.8mb (26 obs.)
SOUTHERN XINJIANG, CHINA (321)

KSH	0.44	67	Pgc	47 05.50	-0.4
			Sg	47 13.00	
WMQ	10.23	60	P	49 25.00	1.2
			Lg	52 21.00	
NDI	10.68	172	eP	49 30.50	0.7
MHI	12.98	262	eP	49 57.00	-3.9X
KKN	14.08	142	eP	50 13.90	-1.7
DMN	14.15	143	eP	50 15.00	-1.5
PKI	14.32	142	eP	50 17.10	-1.8
LSA	16.07	122	eP	50 43.70	2.1
GTA	18.83	82	P	51 16.80	1.1
SHL	19.43	130	eP	51 20.00	-2.9
IR2	19.81	267	eP	51 27.00	0.1
POO	20.73	184	eP	51 36.00	-0.4
HYB	21.96	172	eP	51 50.20	1.4
LZH	22.65	89	P	52 02.00	6.2X
GBA	25.64	176	P	52 27.00	2.6
XAN	27.25	91	eP	52 43.80	4.6X
HHC	27.56	75	eP	52 46.00	4.0X
CHG	28.79	128	eP	53 05.00	11.8X
MLR	36.61	296	eP	54 03.00	1.9
KJF	37.31	328	eP	54 06.00	-0.5
SUF	37.55	325	iP	54 08.40	-0.2
	0.5s	6.60nm		4.8mb	
NUR	37.75	321	iP	54 10.00	-0.3
	0.5s	7.00nm		4.8mb	
SOD	38.81	332	eP	54 18.00	-1.1
KEV	39.61	336	eP	54 25.00	-0.7
KRA	40.06	304	eP	54 29.70	0.0
SKO	40.52	292	iP	54 34.50	0.9
HFS	43.14	320	iPc	54 54.30	-0.5
	0.5s	20.80nm		5.1mb	
Z	11s	0.41um		4.6MszX	
			LR	12 29.00	
PRU	43.52	305	P	54 58.70	0.7
BRG	43.74	306	iP	55 05.00	5.2X
			i	55 06.20	
KHC	44.29	304	iPd	55 05.40	1.0
	1.0s	11.00nm		4.6mb	
LJU	44.34	299	e(P)	55 06.40	1.7
NB2	44.35	321	P	55 03.70	-1.0
	0.7s	13.10nm		4.9mb	
TRI	44.95	299	iPc	55 09.50	-0.1
GRF	45.68	305	eP	55 16.70	1.3
CDF	48.51	304	eP	55 37.60	-0.1
	0.8s	5.30nm		4.6mb	
WLF	48.89	306	P	55 41.00	0.6
BSF	48.99	304	eP	55 41.40	0.8
	1.0s	24.00nm		5.2mb	
HAU	49.22	304	eP	55 43.10	0.8
LPG	49.72	301	eP	55 47.40	0.1
	1.2s	14.80nm		4.9mb	
DOU	49.74	307	P	55 47.60	0.6
LOR	51.05	304	eP	55 56.40	-0.7
	0.8s	2.60nm		4.2mb	
SMF	51.27	303	eP	55 58.10	-0.6
	1.0s	10.00nm		4.7mb	
AVF	51.54	303	eP	56 00.40	-0.3
	0.8s	13.40nm		5.0mb	
MZF	52.23	303	eP	56 06.10	0.1
	0.9s	13.10nm		4.9mb	
TCF	52.45	303	eP	56 07.50	-0.2

19d 00h

	1.0s	4.80nm		4.4mb		
EKA	52.77	315 P	56	09.00	-0.9	
	0.6s	5.10nm		4.7mb		
LSF	52.90	303 eP	56	10.20	-0.8	
	1.0s	8.00nm		4.6mb		
CAF	53.03	302 eP	56	12.10	0.1	
	1.1s	12.20nm		4.8mb		
LDF	53.14	307 eP	56	12.10	-0.6	
	1.0s	12.00nm		4.8mb		
GRR	53.67	306 eP	56	15.80	-0.8	
	1.0s	12.50nm		4.9mb		
LPO	53.70	302 eP	56	16.70	-0.2	
LFF	53.90	302 eP	56	18.20	-0.1	
	0.8s	8.00nm		4.8mb		
LPF	53.91	306 eP	56	17.10	-1.2	
	0.8s	8.00nm		4.8mb		
MLS	54.43	300 eP	56	21.50	-0.8	
EPF	54.91	300 eP	56	24.40	-1.4	
	1.0s	6.80nm		4.6mb		
TOL	59.24	298 eP	56	57.00	0.5	
BNG	61.91	251 iPc	57	14.30	-0.7	
	0.6s	19.00nm		5.4mb		
MBC	64.36	4 iPc	57	29.90	-0.4	
	0.6s	32.00nm		5.6mb		
INK	70.55	11 ePc	58	09.00	-0.2	
COL	70.78	18 eP	58	10.00	-0.7	
YKA	78.24	5 eP	58	54.20	0 6	
YKC	78.27	5 ePc	58	59.00	5.3X	
	0.6s	15.00nm		5.2mb		
KIC	78.42	269 iPKPc	58	56.00	0.5	
WB2	80.60	125 eP	59	08.20	1.2	
FFC	86.33	359 eP	59	36.00	0.3	
	0.8s	8.00nm		5.0mb		
EDM	87.55	5 iPc	59	42.50	0.7	
SES	90.51	4 eP	59	56.00	0.2	
PNT	90.78	10 eP	59	58.00	1.0	
	0.8s	11 00nm		5.2mb		
NEW	92.12	8 eP	00	04.00	0.7	
	S.D = 1.0	on 62 of 69 obs.				

DEC 19, 1985 01h 50m 27.86± 0.26s
39 335 N ± 5 4km 75.470 E ± 5.0km
DEPTH = 33.0km (normal)
4.8mb (25 obs.)
SOUTHERN XINJIANG, CHINA (321)

KSH	0.41	73 Pgc	50	37.00	-0.3	
		Sg	50	45.50		
WMO	10.19	60 eP	52	55.50	0 4	
		S	54	48.20		
		Lg	55	34.50		
		e	55	57.50		
NDI	10.72	172 iPc	53	03.00	0 8	
	0.6s	30.00nm		5.7mb	X	
MHI	12.99	262 iPc	53	28.50	-4.3X	
KKN	14.11	142 eP	53	45.60	-2.1	
DMN	14.18	143 eP	53	46.40	-2.3	
PKI	14.36	142 eP	53	48.60	-2.4	
LSA	16.08	122 eP	54	15.70	2.1	
GTA	18.81	82 P	54	47.90	0.7	
		Lg	00	51.00		
SHL	19.46	130 eP	54	53.20	-1.7	
IR2	19.82	267 eP	54	59.00	0.3	
POO	20.78	184 eP	55	11.00	2.4	
HYB	22.00	172 eP	55	21.50	0.5	
LZH	22.64	89 P	55	33.50	6.1X	
GBA	25.69	176 P	55	58.00	1.4	
		S	00	58.00		
CHG	28.81	128 eP	56	20.00	-5.1X	
KJF	37.27	328 eP	57	34.00	-3.9X	
SUF	37.51	325 iP	57	39.60	-0.4	
	0 5s	5.00nm		4.6mb		
NUR	37.72	321 iP	57	41.40	-0.3	
	0.5s	14.00nm		5.1mb		
SOD	38.77	332 eP	57	50.00	-0.5	
KEV	39.57	336 eP	57	57.00	-0.1	
***A	40 04	304 ePd	58	01.50	0.2	
	1 1s	41 00nm		5.1mb		
SKO	40.51	292 iP	58	05.30	0.1	
SOP	42 61	301 ePd	58	23.10	0.7	
PPU	43.50	305 P	58	30.30	0.8	
BRG	43.72	306 iP	58	32.00	0.6	
	1.0s	15.00nm		4.7mb		
CLL	44.24	307 iP	58	35.80	0.3	
	1.4s	22.00nm		4.8mb		
KHC	44.27	304 iPc	58	36.50	0.6	
		e	58	43.00		
NB2	44.32	321 P	58	35.20	-0.9	
	0.7s	9.00nm		4.7mb		
LJU	44.33	299 e(P)	58	37.00	0.7	
VOY	44.76	300 e(P)	58	25.80	-14.1X	
TRI	44.93	299 iPc	58	41.30	0.2	
GRF	45.66	305 eP	58	48.30	1.3	
	0.9s	14.00nm		4.9mb		
CDF	48.49	304 eP	59	08.80	-0.5	
WLF	48.87	306 P	59	12.60	0.6	
8SF	48.97	304 eP	59	12.50	-0.5	
	1.0s	17.60nm		5.0mb		
HAU	49.20	304 eP	59	14.20	-0.5	
	1.0s	8.00nm		4.7mb		
LPG	49.70	301 eP	59	19.20	0.3	
	1.0s	4.80nm		4.5mb		
DOU	49.72	307 P	59	19.20	0.7	
SMF	51.25	303 eP	59	29.50	-0.8	
	1.0s	8.80nm		4.7mb		
SSF	51.33	304 eP	59	30.10	-0.8	
	1.1s	8.30nm		4.6mb		
AVF	51.52	303 eP	59	31.40	-0.9	
	0.9s	14.70nm		4.9mb		
MZF	52.21	303 eP	59	37.40	-0.2	
	1.0s	10.00nm		4.7mb		
TCF	52.43	303 eP	59	38.70	-0.5	
	1.0s	6.00nm		4.5mb		
EKA	52.74	315 P	59	41.00	-0.4	
	1.0s	11.20nm		4.8mb		
LSF	52.88	303 eP	59	41.60	-1.0	
	1.0s	4.00nm		4.3mb		
CAF	53.01	302 eP	59	43.50	-0.1	
	0.9s	4.90nm		4.5mb		
LDF	53.12	306 eP	59	42.80	-1.5	
	1.0s	9.60nm		4.7mb		
GRR	53.65	306 eP	59	47.00	-1.1	
	0.8s	8.00nm		4.8mb		
LFF	53.88	302 eP	59	49.50	-0.4	
	1.0s	9.60nm		4.8mb		
ALE	56.61	354 eP	00	09.00	-0.3	
BNG	61.93	251 iPc	00	45.90	-1.0	
	0.6s	24.00nm		5.5mb		
		i	01	06.20		
M8C	64.31	4 iPc	01	01.30	-0.4	
INK	70.50	11 eP	01	41.00	0.4	
YKA	78.20	5 eP	02	26.00	1.0	
YKC	78.22	5 eP	02	25.50	0.3	
	0.7s	12.00nm		5.0mb		
KIC	78.43	269 iPc	02	27.40	0.2	
WRA	80.61	125 Pc	02	46.40	7.6X	
	0.7s	2.70nm		4.4mb		
WB2	80.62	125 eP	02	41.40	2.6	
PNT	90.73	10 eP	03	30.00	1.5	
	0.6s	5.00nm		5.0mb		
	S.D. = 1.1	on 54 of 60 obs.				

DEC 19, 1985 02h 00m 59.32± 0.50s
50.218 N ± 4.8km 12.430 E ± 4.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.4 (GRF).

HOF	0.37	285 iPgd	01	06.80	-0.1	
MOX	0.67	310 ePg	01	12.50	-0.2	
		iSg	01	22.00		
GRF	0.94	236 ePg	01	17.60	0.3	
		eSg	01	29.80		
WET	1.11	165 ePg	01	20.20	0.0	
CLL	1.15	18 iPg	01	21.00	0.1	
		iSg	01	36.50		
BRG	1.17	55 iPg	00	44.50	-36.6X	
		iSg	00	59.50		
BRG	1.17	55 iPgc	01	21.20	0.1	
		iSg	01	35.80		
BRG	1.17	55 iPg	00	16.50	-64.6X	
		iSg	00	32.00		
KHC	1.32	145 Pg	01	23.50	-0.2	
		Sg	01	41.00		
PRU	1.38	99 Pg	00	37.00	-47.6X	
		Sg	00	53.00		
PRU	1.38	99 Pg	01	24.60	0.0	
		Sg	01	41.70		
		e	01	42.70		
	S.D. = 0.2	on 8 of 11 obs.				

% DEC 19, 1985 02h 49m 11.14± 2.33s
16.668 N ±20.6km 100.349 W ±11.4km
DEPTH = 33.0km (normal)

NEAR COAST OF GUERRERO, MEXICO (58)

III	1.89	26 iP	49	41.70	-0.2	
		iS	50	11.00		
PIM	2.17	318 eP	49	45.50	-0.1	
		iS	50	14.20		
TPM	2.61	28 iP	49	5 50	-0.6	
OXM	2.69	13 iP	49	51.00	0.7	
UNM	2.87	23 iP	49	56.00	0.1	
TAC	2.94	22 eP	50	05.00	0.2X	
VHO	3.51	80 iP	50	05.00	0.1	
	S.D. = 0.5	on 6 of 7 obs.				

& DEC 19, 1985 03h 26m 41.76s
62.173 N 147.167 W
DEPTH = 33.2km
CENTRAL ALASKA (5)
<AGS-P>.

SCM	0.35	193 iP	26	50.38	0.1	
TOA	0.47	98 iP	26	52.00	-0.1	
SML	0.66	237 iP	26	53.89	-0.8	
		iS	27	03.74		
KLU	0.90	139 iP	26	57.71	-0.5	
		iS	27	11.47		
GHO	0.92	245 iP	26	57.56	-0.9	
		iS	27	10.23		
CFI	1.03	196 iP	27	00.11	0 2	
		iS	27	17.39		
PME	1.04	239 eP	26	59.20	-0.8	
		iS	27	11.10		
PLRM	1.10	239 iP	27	00.04	-0.8	
		iS	27	13.45		
VLZ	1.12	159 iP	27	00.27	-0.8	
		eS	27	17.36		
VZW	1.16	165 iP	27	00.90	-0.8	
GLI	1.30	178 iP	27	04.36	0.6	
		iS	27	23.30		
PWA	1.39	249 iP	27	04.74	-0.2	
PWL	1.43	204 iP	27	01.26	-4.4	
FID	1.47	167 iP	27	07.01	0.9	
PTE	1.59	215 iP	27	08.14	0.3	
LOU	1.73	188 iP	27	10.32	0.4	
		iS	27	33.92		
GLB	1.75	113 iP	27	10.02	-0.4	
		eS	27	32.44		
SUA	1.84	249 eP	27	11.58	-0.1	
KNIM	1.85	189 iP	27	12.30	0.6	
SGAM	1.93	150 iP	27	13.28	0.5	
SKT	2.06	267 iP	27	14.05	-0.7	
		iS	27	40.14		
SLKM	2.23	223 iP	27	18.15	1.1	
SPU	2.53	249 iP	27	21.91	0.4	
CRP	2.54	251 iP	27	22.85	1.1	
		iS	27	55.41		
8ALM	2.57	114 iP	27	21.26	-0.8	
COL	2.75	354 iP	27	22.20	-2.3	
RDT	2.99	240 iP	27	28.81	0.8	
BRLK	3.02	219 eP	27	31.93	3.5	
DWY	3.99	58 P	27	39.60	-2.5	
		e	27	54.60		
		Lg	28	52.60		
INK	8.39	37 eP	28	40.00	-3.9	
YKA	15.04	74 eP	30	14.70	1.5	
	31 obs. assaciated					

DEC 19, 1985 04h 23m 02.29± 0.20s
15.180 S ± 8.0km 173.622 W ± 7.0km
DEPTH = 33.0km (normal)
5.3mb (17 obs.) 5.0Msz (5 obs.)
TONGA ISLANDS (173)
Ms 5.2 (BRK).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 24C
Centroid Locotion:
Origin Time 04:23:11.2 0.7
Lat 15.26S 0.09 Lan 173.26W 0.09
Dep 10.0 BDY Half-durotion 1.8
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.21 0.05 Mtt= 0.55 0.08
Mff=-0.34 0.06 Mrt=-1.76 0.15
Mrf= 0.51 0.14 Mtf= 0.48 0.05
Principol Axes:

	Val=	Plg=39	Azm=178
T	1.97	19	284
N	-0.04	45	35
P	-1.93		

Best Double Couple:Mo=1.9*10**24
NP1:Strike=205 Dip=19 Slip=-169
NP2: 105 87 -71

NDF	8.94	252	eP	25	25.50	13.3X
DZM	20.08	247	iPd	27	37.00	0.9
NOU	20.15	246	iPc	27	41.30	4.7X
GNZ	24.51	196	P	28	21.00	1.2
KRP	24.60	201	P	28	21.80	1.0
	1.0s	187.00nm			5.6mb	
PMO	24.84	93	eP	28	24.00	0.8
	1.2s	90.00nm			5.2mb	
TPT	25.10	93	eP	28	27.00	1.3
	1.2s	95.00nm			5.3mb	
RUV	25.32	93	eP	28	28.00	0.3
	1.2s	60.00nm			5.1mb	
MNG	27.06	198	P	28	41.10	-2.6
WEL	27.89	199	P	28	50.00	-1.2
MSZ	33.30	204	P	29	38.70	-0.3
	0.8s	37.00nm			5.3mb	
BRS	33.47	243	IP	29	40.10	-0.7
COO	35.11	238	iPd	29	54.50	-0.3
CTA	38.48	257	iPc	30	23.30	0.0
	0.9s	11.76nm			4.7mb	
		i		32	37.40	
		iS		36	25.00	
PMG	38.71	274	e(P)	30	26.00	0.7
CAN	38.99	232	iPd	30	27.30	-0.2
YOU	39.11	234	eP	30	23.80	-4.6X
WAM	39.40	231	eP	30	31.30	0.5
CMS	40.36	239	iPd	30	38.20	-0.5
TOO	42.44	230	eP	30	55.00	-0.8
STK	43.96	240	eP	31	08.00	-0.2
ISO	44.77	256	eP	30	55.00	-19.9X
WB2	49.67	257	eP	31	53.00	-0.3
WRA	49.68	257	Pc	31	50.60	-2.8
	0.4s	6.90nm			5.0mb	
ASPA	49.98	252	eP	31	55.00	-0.6
WBN	56.59	249	eP	32	44.00	-0.6
SBA	63.45	185	iP	33	33.00	2.3
	1.3s	53.85nm			5.5mb	
KLB	64.15	242	eP	33	35.00	-1.1
	0.8s	23.00nm			5.3mb	
MUN	65.45	242	eP	33	44.70	0.2
MRWA	65.81	245	eP	33	46.80	0.0
MAT	68.63	320	(P)	34	28.00	23.6X
Z	20s	0.71um			4.9Msz	
		(S)		43	16.00	
SYP	70.99	45	eP	34	18.00	-1.0
PRS	71.11	42	eP	34	19.30	-0.3
GCC	71.12	42	e(P)	34	19.00	-0.6
PCC	71.15	41	e(P)	34	20.20	0.4
SAO	71.31	42	e(P)	34	20.70	-0.1
BRK	71.46	41	e(P)	34	21.20	-0.4
PRI	71.46	43	eP	34	21.60	-0.2
BKS	71.47	41	iPc	34	22.40	0.7
	0.8s	31.00nm			5.4mb	
Z	20s	1.10um			5.1Msz	
N	20s	0.90um				
E	20s	0.90um				
		eLR		55	20.00	
MHC	71.53	41	e(P)	34	22.00	-0.2
PAS	72.02	46	eP	34	25.00	0.0
MWC	72.14	46	eP	34	26.00	0.0
FHC	72.22	37	e(P)	34	26.20	0.0
BAR	72.29	48	eP	34	26.00	-0.7
RVR	72.49	46	eP	34	28.00	0.2
PLM	72.51	47	eP	34	27.00	-1.2
FRI	72.58	43	ePc	34	27.80	-0.5
ISA	72.65	44	eP	34	28.00	-0.8
JAS1	72.66	42	ePc	34	28.20	-0.6
WDC	72.94	38	iPc	34	30.00	-0.3
ORV	72.95	40	eP	34	29.60	-0.8
MIN	73.36	39	eP	34	32.10	-0.9
TPC	73.48	47	eP	34	33.00	-0.7
GSC	73.59	46	eP	34	34.00	-0.4
GLA	73.81	48	eP	34	36.00	0.4
MNA	74.41	42	ePc	34	38.70	-0.4
COR	75.02	35	iPd	34	43.00	0.7
EUR	76.41	42	iP	34	50.00	-0.6
	0.5s	11.97nm			5.2mb	
PNT	79.95	33	ePd	35	09.00	-0.5
	1.2s	49.00nm			5.4mb	
NEW	80.65	34	eP	35	12.00	-1.3
ALQ	80.82	50	eP	35	13.00	-1.8
	1.0s	35.00nm			5.3mb	
Z	20s	0.71um			5.0Msz	

LRM	81.98	38	eP	35	20.50	-0.1
COL	82.22	11	iP	35	21.00	-0.1
	0.8s	58.96nm			5.7mb	
JCT	84.21	56	eP	35	31.10	-1.0
	1.0s	11.00nm			5.0mb	
Z	20s	0.53um			4.9Msz	
SES	85.14	35	ePd	35	36.30	0.0
	1.2s	102.00nm			5.9mb	
BJI	85.16	314	eP	35	39.00	2.5
EDM	85.41	32	ePd	35	37.20	-0.4
MEQ	86.71	53	eP	35	43.80	-0.6
INK	88.11	14	eP	35	51.00	0.7
TUL	89.24	53	eP	35	55.80	-0.7
	1.0s	6.30nm			4.9mb	
Z	22s	0.79um			5.1Msz	
RLO	89.91	52	eP	36	00.50	0.9
YKA	89.98	23	eP	36	00.30	1.0
YKC	90.02	24	eP	36	00.00	0.5
SOD	126.19	350	ePKP	42	02.00	-0.5
SOB1	127.26	114	ePKP	42	04.60	-1.5
			e	42	06.60	
KJF	128.87	348	ePKP	42	01.00	-6.6X
SUF	130.51	348	ePKP	42	11.00	0.2
	0.7s	3.60nm				
KRI	140.79	217	ePKP	42	25.50	-6.1X
KRA	143.51	345	ePKP	42	33.20	-2.0
KSP	143.54	349	ePKP	42	33.00	-2.2
SPC	144.23	344	ePKP	42	37.00	0.3
UCC	144.44	2	PKP+	42	37.00	0.3
MEM	144.66	0	PKP	42	35.20	-1.9
SNF	144.72	2	PKP	42	36.80	-0.4
DOU	145.15	2	PKPd	42	37.80	-0.2
GRF	145.35	354	ePKP	42	39.00	0.6
	0.1s	96.00nm				
WLF	145.61	0	PKPd	42	39.80	1.1
KHC	145.63	352	iPKP	42	39.50	0.6
	1.0s	58.50nm				
			e	43	02.80	
			e	43	39.50	
NAI	145.75	244	ePKP	42	43.00	2.6
	1.0s	42.00nm				
ZST	145.91	347	iPKPd	42	40.80	1.5
			i	43	06.50	
SRO	145.99	346	ePKP	42	40.90	1.4
			i	43	06.60	
FLN	146.04	8	ePKP	42	39.70	0.2
LDF	146.25	8	ePKP	42	40.40	0.5
GWF	146.28	359	ePKP	42	42.40	2.4
GRR	146.35	9	ePKP	42	40.80	0.7
SOP	146.51	347	e(PKP)	42	40.00	-0.3
LPF	146.67	9	ePKP	42	41.90	1.3
CDF	146.85	359	ePKP	42	43.10	2.1
BHG	147.11	352	ePKP	42	44.20	2.9
HAU	147.27	0	ePKP	42	44.40	2.8
BSF	147.44	359	ePKP	42	44.30	2.3
KBA	147.67	351	iPKPc	42	44.00	1.5
	1.2s	16.70nm				
			e	43	09.00	
GRC	147.86	4	iPKPd	42	46.20	3.7X
LOR	147.94	3	ePKP	42	45.90	3.2X
SSF	148.12	4	ePKP	42	46.60	3.7X
MFF	148.20	9	ePKP	42	46.30	3.2X
LBF	148.23	3	ePKP	42	46.70	3.5X
AVF	148.38	4	ePKP	42	46.80	3.5X
LJU	148.48	349	ePKP	42	46.80	3.2X
			e	43	12.30	
SMF	148.56	3	ePKP	42	47.30	3.6X
BGF	148.58	5	ePKP	42	47.80	4.1X
VOY	148.60	350	ePKP	42	41.80	-2.1
			e	42	46.10	
LSF	148.76	6	ePKP	42	47.50	3.5X
TCF	148.79	6	ePKP	42	48.00	3.9X
MZF	148.90	5	ePKP	42	48.40	4.2X
TRI	148.94	350	ePKP	42	47.90	3.6X
			e	43	14.00	
RJF	149.69	7	ePKP	42	50.20	4.7X
LPG	149.78	359	ePKP	42	51.80	5.8X
LFF	149.96	8	ePKP	42	51.00	5.2X
CAF	150.13	6	ePKP	42	51.60	5.4X
LPO	150.26	7	ePKP	42	52.60	6.3X
SKO	150.30	337	iPKP	42	52.20	5.7X
			i	43	13.70	
VAY	150.41	335	ePKP	42	51.70	5.1X
TOL	153.75	18	ePKP	43	08.50	16.9X
BNG	163.96	230	iPKPc	43	03.50	-0.5
	1.0s	17.00nm				
			i	43	32.70	

			i	43	57.20	
KIC	166.00	128	ePKP	43	05.00	-0.7
			e	44	04.70	

S.D. = 1.2 on 58 of 126 obs

* DEC 19, 1985 05h 14m 12.88± 1.62s
13.957 N ±16.9km 93.362 W ±12.8km
DEPTH = 33.0km (normal)
4.2mb (5 obs.)
OFF COAST OF CHIAPAS, MEXICO (68)

VHO	4.60	316	IP	15	23.00	0.8
TPM	7.41	313	eP	16	06.00	4.4X
OXM	8.06	312	eP	16	15.00	4.1X
PIM	9.24	299	eP	16	26.50	-0.5
UPA	14.42	109	(P)	17	36.50	-0.2
JCT	17.48	341	eP	18	19.10	3.2X
	1.0s	10.50nm			3.9mb	
BHO	20.38	356	eP	18	51.20	1.6
TUL	21.97	355	eP	19	05.40	-0.3
	0.9s	9.60nm			4.2mb	
RLO	22.17	356	eP	19	06.90	-0.8
ACO	23.23	348	eP	19	17.80	-0.3
	1.0s	14.80nm			4.4mb	
ALQ	24.01	333	eP	19	26.50	0.6
	1.0s	3.50nm			3.8mb	
YKC	50.73	348	eP	23	10.00	-1.3
	0.7s	9.00nm			4.9mb	
YKA	50.77	347	eP	23	11.20	-0.4
SOB1	56.92	111	eP	23	58.40	0.7
			e	24	06.10	
			e	24	08.40	
INK	60.11	344	eP	24	19.00	0.0

S.D. = 0.9 on 12 of 15 obs

DEC 19, 1985 05h 16m 07.82± 0.35s
52.905 N ± 7.0km 159.635 E ± 6.0km
DEPTH = 33.0km (normal)
5.0mb (46 obs.)
OFF EAST COAST OF KAMCHATKA (279)

MDJ	21.34	259	Pc	20	53.80	-0.2
MAT	22.21	231	iPd	21	05.10	2.3
CN2	24.27	262	eP	21	21.20	-1.6
COL	28.75	45	eP	22	03.00	-1.0
INK	34.19	37	iPc	22	51.10	-0.5
MBC	37.32	23	eP	23	18.00	-0.1
GTA	42.35	276	P	23	59.90	-0.4
ALE	43.14	7	eP	24	06.00	-0.1
	0.9s	10.00nm			4.6mb	
YKA	43.49	42	eP	24	09.50	0.4
YKC	43.55	42	eP	24	09.50	-0.1
	0.7s	6.00nm			4.5mb	
PNT	48.29	60	eP	24	47.00	-0.4
EDM	49.10	53	iPc	24	53.20	-0.4
DAG	50.59	360	iPc	25	03.40	-1.2
	1.5s	61.11nm			5.4mb	
FFC	53.35	46	eP	25	25.00	-0.7
	0.8s	6.00nm			4.6mb	
SOD	54.98	340	eP	25	35.00	-2.5
EUR	56.65	67	iP	25	50.00	-0.2
	0.2s	11.16nm			5.5mb	
KJF	57.43	337	eP	25	53.00	-2.0
SUF	59.06	337	IP	26	05.20	-1.3
	0.5s	5.50nm			4.9mb	
KKN	59.09	276	eP	26	06.10	-1.3
	0.5s	29.00nm			5.7mb	
PKI	59.17	276	eP	26	06.60	-1.5
	0.6s	16.00nm			5.3mb	
DMN	59.32	276	eP	26	08.00	-1.1
	0.6s	23.00nm			5.5mb	
ALQ	65.18	65	eP	26	47.00	-1.0
	0.9s	2.73nm			4.4mb	
EKA	71.19	350	Pc	27	23.90	-0.9
	0.5s	5.20nm			4.8mb	
OTT	71.22	38	eP	27	11.00	-14.1X
KRA	71.91	334	iPd	27	29.30	0.2
	0.4s	30.00nm			5.6mb	
CLL	72.43	339	iPd	27	32.80	0.6
	1.1s	31.00nm			5.2mb	
BRG	72.63	338	eP	27	33.20	-0.2
	1.2s	15.00nm			4.9mb	
WTS	73.01	343	eP	27	36.50	0.9
	0.8s	18.00nm			5.1mb	
PRU	73.32	337	P	27	37.80	0.4
			eSg	55	39.00	
MOX	73.35	339	eP	27	37.50	-0.2

19d 05h

1.2s 14.00nm 4.8mb
CTA 73.61 193 iP 27 39.30 -0.1
1.0s 6.50nm 4.6mb
i 30 25.00
GRF 74.34 339 eP 27 44.20 0.8
0.9s 27.00nm 5.2mb
KHC 74.34 338 iPc 27 44.00 0.5
1.0s 21.00nm 5.1mb
ENN 74.35 343 eP 27 43.50 0.1
1.0s 36.00nm 5.3mb
ZST 74.36 335 iP 27 44.40 0.9
MEM 74.49 343 Pd 27 45.00 0.9
GBA 74.58 272 P 27 44.50 -0.7
SNF 74.88 344 P 27 46.80 0.4
DOU 75.23 344 P 27 48.80 0.3
WB2 75.79 204 eP 27 51.90 -0.1
WRA 75.79 204 Pd 27 52.10 0.1
1.0s 6.00nm 4.5mb
KBA 76.32 337 iPc 27 55.80 0.8
0.7s 61.40nm 5.7mb
i 28 25.30
CDF 76.36 341 iPc 27 55.00 0.0
0.9s 16.30nm 5.0mb
HAU 76.93 342 eP 27 58.20 0.1
1.0s 9.60nm 4.8mb
LJU 77.00 336 e(P) 27 58.30 -0.2
BSF 77.01 342 iPc 27 58.60 -0.1
0.8s 10.70nm 4.9mb
OGA 77.05 338 iPd 28 00.10 1.0
KOD 77.19 270 eP 28 00.00 -0.4
FLN 77.31 347 eP 27 59.80 -0.4
0.8s 16.10nm 5.1mb
LDF 77.43 346 eP 28 00.40 -0.4
0.8s 5.30nm 4.6mb
GRR 77.73 347 iPc 28 02.50 0.0
0.9s 34.00nm 5.4mb
LOR 78.09 343 iPc 28 04.70 0.2
0.8s 13.90nm 5.0mb
LPF 78 10 347 iPc 28 04.60 0.1
0.6s 9.00nm 5.0mb
GRC 78 19 344 iPc 28 05.10 0.1
LBF 78.34 343 iPc 28 05.90 0.0
0.8s 3.20nm 4.4mb
SSF 78.35 344 iPc 28 06.20 0.3
0.8s 9.90nm 4.9mb
AVF 78.64 344 iPc 28 07.80 0.3
0.8s 16.10nm 5.1mb
SMF 78.69 343 iPc 28 08.00 0.2
0.9s 10.40nm 4.8mb
BGF 78.95 344 iPc 28 09.60 0.4
0 8s 6.70nm 4.7mb
LPG 79.26 341 iPc 28 12.60 1.3
0.8s 38.90nm 5.5mb
TCF 79.31 344 iPc 28 11.70 0.5
0.8s 11.20nm 4.9mb
MZF 79.32 344 iPc 28 12.10 0.8
0.7s 18.00nm 5.2mb
MFF 79.38 346 iPc 28 11.90 0.4
0.6s 9.00nm 4.9mb
LSF 79.46 345 iPc 28 12.50 0.5
0.6s 12.90nm 5.1mb
OHR 79.83 330 eP 28 13.00 -1.1
RJF 80.38 345 eP 28 17.70 0.7
0.8s 5.30nm 4.6mb
CAF 80.66 344 iPc 28 19.60 1.1
1.0s 22.80nm 5.1mb
LFF 80.87 345 eP 28 20.40 0.9
0.9s 13.10nm 4.9mb
LPO 81.04 345 iPc 28 21.40 1.0
1.0s 33.60nm 5.3mb
LRG 81.30 341 iPc 28 22.20 0 5
0.8s 22.50nm 5.2mb
MLS 82.74 344 iPc 28 30.70 1 4
EPF 82.79 345 iPc 28 30.10 0 5
0 8s 8.00nm 4.9mb
S.D = 0.8 on 71 of 72 obs

• DEC 19, 1985 05h 26m 21.48± 1.28s
4.125 S ±17.6km 151.034 E ±14.2km
DEPTH = 33.0km (normal)
3.6mb (1 obs.)
NEW BRITAIN REGION (192)

RAB 1.14 93 eP 26 39.50 -1.6
BIAL 1.18 179 eP 26 42.00 0.3
KVG 1.56 351 iPc 27 34.80 47.6X
PMG 6.51 216 e(P) 28 02.00 4.5X

WB2 22.62 225 eP 31 19.90 -1.0
e 31 26.20
WRA 22.63 225 Pd 31 20.40 -0.5
0.7s 1.50nm 3.6mb
BRS 23.20 176 P 31 34.80 8.3X
DZM 23.27 141 iPd 31 29.00 1.7
COL 81.92 22 eP 38 40.00 1.1
S.D. = 1.6 on 6 of 9 obs.

• DEC 19, 1985 06h 31m 09.38± 1.52s
34.988 N ±17.3km 23.086 E ±12.3km
DEPTH = 33.0km (normal)
4.7mb (6 obs.)
CRETE (370)

NPS 2.09 82 ePn 31 47.00 4.2X
ePg 31 52.50
ATH 3.02 9 ePnd 31 57.00 1.0
iSg 32 45.50
VLS 3.76 328 ePn 32 06.50 0.0
eSn 32 48.50
YER 4.72 62 ePn 32 21.50 1.3
IZM 4.78 43 ePn 32 54.40 33.5X
KZN 5.41 349 ePn 32 29.50 -0.4
EZN 5.47 27 ePn 32 05.40 -25.3X
EZN 5.47 27 iPg 32 45.40 14.7X
iSg 33 00.40
ELL 5.81 70 iPn 32 36.50 0.8
VAY 6.34 356 iPn 32 42.00 -0.9
OHR 6.37 344 iPn 32 42.00 -1.5
SKO 7.09 350 iPn 32 51.50 -2.0
i 34 07.50
KHC 15.78 336 iP 34 55.10 4.5X
0.8s 13.50nm 4.2mb
e 35 13.00
PRU 16.24 340 eP 34 58.50 2.0
KSP 16.60 345 eP 35 02.50 1.5
GRF 17.08 333 eP 35 09.20 2.1
CLL 17.87 339 e(P) 35 30.00 13.2X
MEM 19.94 327 Pc 35 42.00 0.8
DOU 20.25 324 Pc 35 44.50 0.0
0.8s 45.00nm 4.9mb
NB2 27.16 347 P 36 49.30 -2.1
0.5s 1.40nm 3.9mb
SUF 27.82 3 eP 36 55.00 -2.3
DMN 52.77 80 eP 40 23.60 -0.3
0.6s 10.00nm 5.0mb
KKN 52.84 80 eP 40 23.70 -0.6
0.6s 6.00nm 4.7mb
PKI 53.03 80 eP 40 25.20 -0.7
0.6s 9.00nm 4.9mb
YKA 77.08 341 eP 43 01.60 1.1
S.D. = 1.5 on 19 of 25 obs.

DEC 19, 1985 07h 32m 00.98± 1.12s
15.268 N ± 6.5km 91.978 W ± 5.6km
DEPTH = 32.5 ± 8.1 km
4.8mb (17 obs.) 4.0Msz (1 obs.)
MEXICO-GUATEMALA BORDER REGION (62)
Several buildings damaged near
Tacana Volcano. Felt at
Topachulo, Mexico.

COM 0.99 352 iP 32 18.20 -0.6
PBJ 3.50 290 iP 32 52.90 -1.6
iS 33 35.50
VHO 4.97 294 iP 33 16.00 0.5
TPM 7.71 300 iP 33 54.20 0.1
III 7.81 294 iP 33 56.00 0.5
iS 35 25.00
UNM 7.98 301 eP 33 56.20 -1.7
TAC 8.02 302 eP 34 02.00 3.5X
OXM 8.38 300 iP 34 03.00 -0.6
PIM 9.95 289 iP 34 26.20 1.4
UPA 13.67 116 e(P) 35 16.00 1.0
1.6s 106.67nm 5.4mb X
Z 20s 0.50um 4.7Msz
JCT 16.76 336 eP 35 54.80 -0.1
1 1s 30.38nm 4.3mb
LTX 17.67 324 eP 36 07.80 1.4
1.0s 13.00nm 4.0mb
BHO 19.21 353 eP 36 25.00 -0.1
MEO 20.32 344 eP 36 35.70 -1.4
OCO 20.76 347 eP 36 41.20 -0.5
TUL 20.84 351 eP 36 42.40 0.0
1.1s 96.40nm 5.1mb
Z 18s 0.59um 4.0Msz

RLO 20.99 353 eP 36 43.10 -0.9
RSCP 21.04 15 e(P) 36 46.00 1.4
PCO 21.80 349 e(P) 36 57.10 5.0X
SDV 21.80 104 eP 36 52.20 -0.3
ACO 22.28 345 eP 36 57.90 1.0
0.7s 47.70nm 5.1mb
FVM 22.67 3 e(P) 37 11.00 10.3X
0.8s 59.09nm
ALQ 23.52 329 e(P) 37 09.80 0.5
0.8s 11.75nm 4.5mb
CAR 24.86 98 eP 37 23.60 1.2
0.7s 32.88nm 5.0mb
GLA 27.25 315 eP 37 45.00 0.7
BAR 28.34 312 eP 37 47.00 -7.1X
TPC 28.69 315 eP 37 57.00 -0.3
PLM 28.83 313 eP 37 59.60 0.2
GSC 29.88 316 eP 38 11.60 2.9
ISA 31.21 315 eP 38 20.00 0.3
BDW 31.30 335 P 38 20.20 -0.4
1.0s 1.20nm 3.7mb X
EUR 31.99 324 iP 38 26.90 0.2
1.0s 5.77nm 4.4mb
RSNY 32.72 23 P 38 32.00 -0.7
0.8s 14.08nm 4.9mb
OTT 33.01 21 eP 38 36.00 0.8
0.8s 30.00nm 5.2mb
BMN 33.34 324 eP 38 39.00 0.6
MNT 33.87 23 iP 38 43.70 1.0
LRM 34.98 335 eP 38 53.10 0.6
SES 38.29 340 ePd 39 21.30 1.2
ZOBO 39.20 142 eP 39 29.00 0.3
LR 51 40.00
LPB 39.42 142 eP 39 29.00 -1.4
LR 55 06.00
CNCB 39.71 142 eP 39 32.00 -0.9
FFC 40.13 351 eP 39 33.00 -2.4
0.8s 7.00nm 4.5mb
CCH 41.25 141 eP 39 45.00 -0.3
EDM 41.45 341 eP 39 46.50 0.3
TPZ 44.68 144 P 40 13.50 0.2
YKC 49.76 347 eP 40 50.00 -2.1
0.7s 24.00nm 5.3mb
RSNT 49.79 346 eP 40 53.30 1.0
0.5s 17.19nm 5.3mb
YKA 49.80 346 eP 40 51.00 -1.4
FRB 51.08 13 eP 41 02.00 -0.1
VAO 58.19 130 e(P) 41 53.70 -0.9
INK 59.24 343 eP 42 00.00 -1.2
COL 62.10 336 eP 42 22.00 1.3
MBC 62.66 353 eP 42 24.00 -0.3
ALE 68.31 4 eP 42 58.00 -2.5
DAG 71.41 13 iPc 43 17.00 -2.5
1.7s 96.15nm 5.6mb
MAL 79.12 55 iPc 44 06.50 2.3
LFF 81.27 46 eP 44 15.40 0.0
0.7s 9.70nm 4.9mb
EPF 81.41 48 eP 44 16.70 0.4
1.0s 6.80nm 4.6mb
LSF 81.52 44 eP 44 16.30 -0.5
RJF 81.73 45 eP 44 17.60 -0.2
TCF 81.97 44 eP 44 19.00 -0.1
MZF 82.24 44 eP 44 20.40 -0.1
BGF 82.34 44 eP 44 21.00 0.0
0.7s 5.50nm 4.7mb
SSF 82.65 43 eP 44 23.50 0.9
LOR 82.83 43 eP 44 24.70 1.1
0.7s 5.50nm 4.8mb
S.D. = 1.1 on 61 of 65 obs.

? DEC 19, 1985 08h 01m 45.06± 4.54s
24.212 N ±12.5km 122.954 E ±36.4km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWC 1.08 292 iPd 02 05.30 -0.1
eS 02 18.00
TWD 1.25 204 iPd 02 08.20 0.0
TWZ 1.53 305 ePc 02 12.50 0.0
TWF1 1.74 241 iPc 02 16.00 0.5
TWG 2.21 232 iP 02 22.00 -0.4
S.D. = 0.4 on 5 of 5 obs.

DEC 19, 1985 09h 27m 42.05± 0.54s
39.204 N ± 4.8km 26.204 E ± 4.3km
DEPTH = 16.4 ± 5.2 km
4.0mb (3 obs.)
TURKEY (366)

ML 3.9 (ATH).

PRK	0.07	51	iPgc	27	44.70	-0.6
EZN	0.63	9	iPg	27	54.40	0.2
IZM	1.15	134	iPn	28	03.10	-0.1
EDC	1.71	48	iPn	28	13.10	1.7
ATH	2.30	239	iPgc	28	22.00	2.1
			iSg	28	51.50	
KDZ	2.52	345	iPc	28	23.00	0.1
			iS	28	56.00	
CTT	2.58	41	iPn	28	24.60	0.7
YER	2.64	141	iPn	28	24.00	-0.7
DMK	2.87	24	iPn	28	27.90	0.0
ISK	2.87	49	iPn	28	27.70	-0.2
DIM	2.88	351	iP	28	30.00	2.0
			Sg	29	18.00	
MMB	3.04	322	iPc	28	29.00	-1.4
PLD	3.11	339	iPd	28	32.00	0.6
JMB	3.27	5	iP	28	34.00	0.4
GPA	3.35	70	iPn	28	35.40	0.7
VAY	3.49	308	iPn	28	36.50	-0.2
			i	28	47.40	
KZN	3.59	289	ePn	28	37.50	-0.8
ELL	3.82	129	iPn	28	43.00	1.5
BCK	3.86	115	ePn	28	40.80	-1.3
NPS	3.96	187	ePn	28	39.70	-3.7X
PVL	4.02	349	iPc	28	44.00	-0.1
VTS	4.09	327	iPc	28	45.00	-0.1
VLS	4.51	259	ePb	28	55.50	4.3X
OHR	4.56	296	ePn	28	52.50	0.5
SKO	4.56	309	iPn	28	51.40	-0.6
			iSn	29	26.50	
PSN	4.72	18	iPc	28	54.00	-0.1
BUC1	5.14	359	eP	29	24.00	23.9X
TLB	5.55	14	ePd	29	05.00	-0.9
ISR	5.94	2	ePd	29	13.00	1.7
CMP	6.12	352	iPd	29	36.00	22.1X
VRI	6.67	3	ePd	29	22.00	0.3
GZR	6.69	339	iPc	29	20.50	-1.5
VOY	11.34	311	e(P)	30	27.00	0.6
MOX	15.38	323	e(P)	31	30.00	10.2X
LPG	15.68	300	eP	31	32.80	8.8X
	0.7s		7.70nm			4.0mb
SMF	17.95	302	eP	31	54.40	2.0
	0.7s		3.70nm			3.6mb
AVF	18.31	302	eP	31	55.20	-1.6
IR2	19.91	92	(P)	32	15.00	-0.8
NB2	23.76	342	P	32	52.60	-1.6
	1.2s		9.60nm			4.2mb
	S.D. = 1.1		on 33 of 39 obs.			

DEC 19, 1985 11h 26m 56.98± 0.83s
25.025 N ± 7.3km 123.708 E ±10.0km
DEPTH = 136.3 ± 6.9 km
4.1mb (3 obs.)
NORTHEAST OF TAIWAN (245)
Felt on Ishigaki-shima, Ryukyu Islands, Japan.

ISI	0.81	149	iPd	27	19.00	0.0
			iS	27	34.10	
TWC	1.74	257	iPc	27	28.00	-0.6
TWZ	1.93	273	iPc	27	31.10	0.2
			eS	27	58.50	
ANP	1.99	275	eP	27	34.00	2.3
TWD	2.14	244	iPd	27	32.00	-1.4
TWQ	2.72	255	iPd	27	41.20	0.4
TWF1	2.76	233	iPd	27	40.10	-1.2
TWK	3.42	240	iPc	27	50.00	0.0
QZH	4.64	270	eP	28	05.60	-0.7
			S	28	55.00	
SSE	6.44	340	eP	28	30.20	-0.5
NJ2	8.20	330	Pc	28	54.00	-0.3
WHN	9.94	306	Pc	29	17.50	-0.1
GYA	15.43	279	P	30	32.00	3.4X
XAN	15.68	308	eP	30	32.20	0.5
TIY	15.88	325	eP	30	37.00	2.9
CD2	18.56	293	eP	31	05.20	-0.8
HHC	18.75	330	eP	31	07.50	-0.5
LZH	20.31	308	P	31	24.00	-0.2
CHG	23.77	260	eP	31	59.00	0.8
GBA	44.92	264	P	35	00.80	0.8
WRA	45.88	166	Pc	35	08.30	0.9
	0.4s		2.10nm			4.2mb
W82	45.88	166	eP	35	08.40	1.0
SUF	71.44	331	eP	38	02.00	-1.9
HFS	77.95	331	eP	38	40.50	-0.6
	0.5s		2.00nm			4.1mb
NB2	78.55	333	P	38	43.40	-1.0
	0.4s		0.80nm			3.8mb
	S.D. = 1.2		on 24 of 25 obs.			

? DEC 19, 1985 12h 25m 35.00± 7.06s
16.265 N ±16.1km 63.116 W ±60.4km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)
ML 3.5 (PAG).

PAG	1.40	99	eP	26	00.57	2.1
			S	26	16.70	
BPA	1.44	57	iPd	25	59.24	0.3
			S	26	13.20	
SEG	1.55	85	eP	25	59.45	-1.2
BBL	1.74	115	eP	26	04.47	1.1
MGG	1.76	101	eP	26	02.74	-0.9
FDF	2.43	129	iPc	26	13.27	-0.1
			S	26	41.10	
CRM	2.60	125	iPc	26	14.13	-1.5
			S	26	42.80	
BIM	2.63	131	iPc	26	16.35	0.3
			S	26	46.70	
MVM	2.73	128	iPc	26	16.48	-1.1
SLW	3.07	136	eP	26	23.47	1.1
	S.D. = 1.3		on 10 of 10 obs.			

& DEC 19, 1985 13h 03m 13.00s
34.050 N 118.483 W
DEPTH = 6.0km (geophysicist)
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.9 (PAS). Felt (III) at Culver City. Also felt at Marina del Rey, Playa del Rey, El Segundo and Venice.

ABL	1.00	323	eP	03	32.30	-0.3
PEC	1.11	98	eP	03	33.40	-0.8
SDW	1.29	64	eP	03	37.60	0.2
BLP	1.67	288	eP	03	41.00	-1.8
BCH	1.74	311	eP	03	44.00	0.0
JAS1	4	18	338	eP	04	18.00	-0.6
	6 obs. associated						

DEC 19, 1985 13h 24m 38.66± 0.34s
37.211 N ± 4.4km 118.157 W ± 2.7km
DEPTH = 5.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
ML 3.3 (BRK). 3.2 (PAS).

GVN	0.68	108	iPc	24	52.40	0.1
GMN	0.72	83	iP	24	53.00	-0.1
TMO	0.72	124	eP	24	52.60	-0.5
MNA	1.22	360	iPc	25	02.00	0.1
			iS	25	19.00	
FRI	1.26	260	iPc	25	00.80	-1.7
			iS	25	16.40	
YMT3	1.46	106	iP	25	06.00	0.2
ISA	1.57	189	iPd	25	07.00	-0.2
JAS1	1.94	292	iPc	25	12.60	0.0
			iS	25	36.00	
PRI	2.28	243	eP	25	17.80	0.1
LLA	2.31	256	eP	25	18.50	0.5
PRN	2.48	85	eP	25	20.20	-0.4
ABL	2.51	200	eP	25	22.00	1.0
BCH	2.55	218	eP	25	21.80	0.3
SAO	2.67	261	ePc	25	23.00	-0.1
PRS	2.73	252	e(P)	25	23.70	-0.2
MHC	2.78	274	e(P)	25	25.40	0.6
EUR	2.85	36	iP	25	26.20	0.4
MIN	4.13	320	eP	25	51.30	7.4X
	S.D. = 0.6		on 17 of 18 obs.			

• DEC 19, 1985 13h 35m 10.83± 0.75s
50.222 N ± 6.8km 12.440 E ± 7.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.0 (GRF).

MOX	0.68	309	ePg	35	24.00	-0.3
			iSg	35	33.00	
GRF	0.95	236	iPg	35	29.20	0.3
			eSg	35	41.60	
			eLg	35	43.90	
CLL	1.15	18	iPg	35	32.30	0.0
			iSg	35	47.90	
BRG	1.16	55	iPg	35	32.70	0.2
			iSg	35	47.80	
KHC	1.32	145	Pg	35	35.00	-0.2
			Sg	35	52.20	
	S.D. = 0.3		on 5 of 5 obs			

• DEC 19, 1985 13h 46m 29.89± 0.46s
28.237 N ±10.6km 140.687 E ±10.4km
DEPTH = 33.0km (normal)
4.8mb (1 obs.)
BONIN ISLANDS REGION (212)

CBI	1.75	130	eP	46	58.00	-0.4
			eS	47	23.00	
MAT	8.54	346	eP	48	34.00	-0.2
			eS	50	30.00	
SSE	17.19	284	Pc	50	30.00	1.0
DL2	19.08	309	Pc	50	53.00	0.7
			pP	51	18.00	143kmX
NJ2	19.25	287	Pc	50	56.00	1.6
SNY	19.45	319	eP	50	53.00	-3.5X
TIA	21.43	298	eP	51	15.00	-2.2
			epP	51	52.00	
WHN	23.05	282	eP	51	35.00	1.8
			pP	52	10.00	181kmX
BJI	23.38	307	eP	51	37.00	0.6
TIY	25.44	299	P	51	54.60	-1.7
XAN	27.73	290	eP	52	14.20	-3.2X
BTO	28.00	304	eP	52	18.00	-1.8
CD2	32.14	284	P	52	56.80	0.2
GTA	35.46	299	eP	53	23.60	-1.8
PSI	47.20	245	ePd	55	02.10	0.5
WB2	48.29	188	eP	55	09.80	-0.2
WRA	48.29	188	Pd	55	09.80	-0.2
	0.8s		8.00nm			4.8mb
COL	56.98	29	eP	56	15.00	0.8
YKA	71.77	28	eP	57	51.90	1.3
	S.D. = 1.3		on 17 of 19 obs			

DEC 19, 1985 13h 50m 04.23± 0.46s
38.666 N ± 5.5km 75.785 E ± 8.5km
DEPTH = 33.0km (normal)
4.5mb (3 obs.)
SOUTHERN XINJIANG, CHINA (321)

KSH	0.80	11	iPgc	50	19.10	-0.1
			Sg	50	32.10	
NDI	10.03	173	eP	52	28.50	-0.6
WMO	10.34	56	P	52	33.40	0.0
			S	54	46.00	
KKN	13.44	141	eP	53	14.40	-0.8
	0.5s		16.00nm			5.2mb X
DMN	13.50	142	eP	53	15.40	-0.7
	0.8s		36.00nm			5.3mb X
PKI	13.68	141	eP	53	17.40	-1.2
GTA	18.67	80	eP	54	23.40	1.5
			Lg	00	31.80	
POO	20.13	185	eP	54	38.50	0.2
HYB	21.31	173	eP	54	50.50	0.1
LZH	22.41	88	P	55	05.50	4.0X
CD2	24.18	100	eP	55	24.00	5.4X
GBA	25.00	176	P	55	29.00	2.5
XAN	27.00	90	eP	55	44.70	-0.3
TIY	28.70	80	P	56	04.30	3.9X
HFS	43.77	320	(P)	58	07.70	-0.3
	0.4s		2.90nm			4.4mb
KHC	44.85	305	eP	58	22.50	5.5X
NB2	45.00	322	P	58	16.20	-1.7
	0.9s		3.40nm			4.2mb
BNG	61.95	252	ePc	00	24.20	0.8
	0.4s		4.00nm			4.9mb
MBC	64.96	4	eP	00	42.00	-0.3
INK	71.11	11	eP	01	21.00	0.3
YKA	78.84	5	eP	02	05.70	0.7
YKC	78.86	5	eP	02	05.00	-0.1
	S.D. = 1.0		on 18 of 22 obs.			

? DEC 19, 1985 13h 58m 39.74± 1.06s
28.336 S ± 7.8km 71.012 W ±17.2km
DEPTH = 33.0km (normal)
5.0mb (1 obs.)
NEAR COAST OF CENTRAL CHILE (135)

VCA	2.51	100	iPd	59	19.10	-0.1
			S	59	45.00	
RTCB	3.68	149	iPd	59	36.30	0.5
RTLL	3.71	144	iPc	59	13.30	-22.9X

19d 13h

ZON	3.79	148	iPc	59	38.50	1.3
CFA	4.05	144	iPc	59	40.20	-0.8
			S	00	20.30	
RTCV	4.12	149	iPc	59	41.90	0.0
JACH	4.35	175	iPd	59	46.90	1.6
			iS	00	35.00	
CYA	4.60	93	e(P)	59	44.80	-4.0X
ROCH	4.62	180	eP	59	47.00	-2.3
ANT	4.64	7	eP	59	51.00	1.6
PEL	4.80	177	iP	59	52.50	0.9
			i	00	20.40	
			i(S)	00	43.90	
FCH	5.01	173	eP	59	56.50	1.5
			i(S)	00	50.30	
BACH	5.02	175	eP	59	55.50	0.7
PCH	5.29	175	eP	59	59.00	0.4
TACH	5.30	179	eP	59	58.70	0.0
			iS	00	57.00	
CHCH	5.59	177	eP	00	02.50	-0.3
LNV	5.61	183	eP	00	03.30	0.3
SLA	6.11	55	eP	00	08.00	-2.3
CNCB	11.81	14	eP	01	36.00	6.6X
VBA	12.29	144	ePc	01	27.60	-7.7X
ZOBO	12.30	13	eP	01	39.00	2.9
VAO	22.30	82	e(P)	03	52.00	16.1X
ITA	24.48	82	eP	03	47.30	-10.1X
SPA	61.83	180	ePc	08	52.70	-5.1X
	1.0s		13.00nm			5.0mb
KIC	72.51	73	eP	09	57.90	-7.7X
VSG	118.39	240	ePKP	17	13.00	-13.2X
WB2	126.10	210	ePKP	17	36.00	-4.9X
WRA	126.11	210	PKPc	17	36.00	-4.9
	0.5s		0.50nm			
GBA	147.22	110	PKP	18	15.50	-4.0X
HYB	150.01	105	ePKP	18	22.80	-1.1
			e	18	50.00	

S.D. = 1.9 on 19 of 30 obs.

DEC 19, 1985 14h 34m 56.86± 0.27s
40 184 N ± 3.0km 27 264 E ± 2.6km
DEPTH = 12.1 ± 2.1 km
TURKEY (366)
ML 4.1 (ATH).

EDC	0.49	70	iPg	35	06.90	0.1
			iSg	35	12.10	
MFT	0.60	1	iPn	35	09.50	0.6
EZN	0.80	244	iPn	35	12.40	0.1
KCT	0.84	85	iPn	35	12.20	-0.7
PRK	1.21	220	iPgc	35	19.50	0.3
CTT	1.31	42	iPn	35	20.70	-0.2
ISK	1.63	57	iPn	35	23.70	-1.6
DMK	1.68	13	iPn	35	25.90	-0.2
IZM	1.78	180	iPn	35	28.10	0.4
KDZ	2.06	316	iPd	35	32.00	0.4
			iS	35	57.00	
DIM	2.25	326	iP	35	35.00	0.6
			Sg	36	05.00	
GPA	2.33	86	ePn	35	36.00	0.3
JMB	2.34	348	eP	35	38.00	2.3
PLD	2.72	316	iPd	35	12.00	-29.2X
PAIG	2.76	266	iPd	35	40.70	-1.0
			eS	36	01.90	
SRS	2.95	290	iPd	35	44.00	-0.3
MMB	3.03	299	iPd	35	45.00	-0.4
			iS	36	27.00	
SOH	3.05	283	iPd	35	45.40	-0.4
YER	3.15	165	iPn	35	46.60	-0.6
PVL	3.35	333	iPc	35	50.00	0.0
KNT	3.46	288	iPd	35	51.60	0.0
ATH	3.54	232	ePn	35	53.20	0.6
			eSn	36	35.50	
			eSg	36	51.20	
PSN	3.56	11	eP	35	38.00	-15.0X
LIT	3.66	270	eP	35	54.30	-0.2
[illegible]	3.74	289	iPn	35	55.30	-0.3
[illegible]	3.76	135	ePn	35	55.20	-0.8
SPG	3.78	283	eP	35	56.50	0.2
			eS	36	25.40	
VTS	3.90	310	iPd	35	58.00	0.3
ELL	4.01	148	ePn	36	01.50	2.0
KZN	4.21	273	ePn	36	02.00	-0.3
BUC1	4.26	348	ePc	36	32.00	29.1X
TLB	4.44	7	iPc	35	13.00	-52.4X
TLB	4.44	7	ePd	36	05.00	-0.4
SKO	4.75	294	iPn	36	09.70	-0.3
ISR	4.98	354	eP	36	13.00	-0.2
OHR	5.00	283	ePn	36	13.00	-0.6
CMP	5.34	343	ePc	37	11.00	52.7X
MLR	5.39	350	ePd	36	20.00	0.9
VLS	5.56	251	ePn	36	25.00	3.6X
VRI	5.70	356	iPd	36	23.00	-0.3
GZR	6.16	329	iPc	36	29.00	-0.9
KIC	44.24	229	eP	43	07.00	-0.8

S.D. = 0.8 on 36 of 42 obs.

% DEC 19, 1985 14h 52m 45.75± 3.59s
39.198 N ±13.6km 26.186 E ±35.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EZN	0.64	10	iPg	52	58.40	-0.1
			eSg	53	07.90	
IZM	1.16	133	iPn	53	07.50	0.0
EDC	1.73	48	iPn	53	17.10	1.1
KCT	1.98	57	ePn	53	18.70	-0.9
YER	2.64	141	ePn	53	34.00	4.8X
DMK	2.88	24	ePn	53	32.40	-0.1

S.D. = 1.0 on 5 of 6 obs.

DEC 19, 1985 15h 15m 57.19± 0.69s
39.262 N ± 6.1km 26.334 E ± 6.9km
DEPTH = 12.3 ± 4.8 km
TURKEY (366)
ML 3.5 (ATH).

PRK	0.05	252	iPgc	15	59.80	0.1
			iSg	16	03.70	
EZN	0.56	359	iPg	16	09.40	1.0
			iSg	16	18.40	
IZM	1.13	140	iPn	16	17.90	-0.2
EDC	1.60	47	ePn	16	27.10	1.8
MFT	1.69	25	ePn	16	30.60	4.0X
KCT	1.84	57	iPn	16	30.60	1.7
ATH	2.42	239	ePg	16	39 80	2.7
			eSn	17	03.50	
			eSb	17	06.00	
			eSg	17	10.50	
CTT	2.47	40	iPn	16	38.10	0.2
KDZ	2.49	343	iPd	16	37.00	-1.1
			iS	17	17.00	
YER	2.62	144	ePn	16	38.60	-1.5
ISK	2.76	48	ePn	16	43.60	1.7
DMK	2.78	23	iPn	16	42.40	0.2
DIM	2.84	349	iP	16	44.00	0.9
MMB	3.06	320	eP	16	41.00	-5.2X
PLD	3.10	337	eP	16	00.00	-46.7X
JMB	3.21	3	iP	16	57.00	8.7X
GPA	3.23	70	ePn	16	49.00	0.3
VAY	3.54	307	ePn	17	02.00	9.0X
KZN	3.67	288	ePn	16	51.50	-3.5X
PVL	3.98	348	iPd	16	58.00	-1.2
VTS	4.09	326	eP	17	00.00	-0.8
			iSg	18	09.00	
SKO	4.60	308	ePn	17	15.00	6.8X
OHR	4.62	295	ePn	17	17.00	8.5X
MLR	6.23	357	ePd	17	31.50	0.3

S.D. = 1.3 on 16 of 24 obs.

? DEC 19, 1985 15h 27m 01.50± 2.17s
33.505 N ±20.1km 139.154 E ±24.9km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
SOUTH OF HONSHU, JAPAN (211)

KYS	1.88	26	eP	27	32.30	0.5
OYM	1.91	2	iPd	27	34.00	1.6
SRY	2.10	3	iPd	27	35.00	0.0
TOK	2.23	13	P	27	36.00	-0.9
			S	27	54.60	
DDR	2.49	1	iPd	27	39.20	-1.4
TSK	2.81	16	iPd	27	40.40	-4.7X
MAT	3.13	346	iPc	27	49.90	0.3
			eS	28	17.00	
PKI	46.24	278	eP	35	25.80	-0.1
	0.5s		3.00nm			4.5mb
KKN	46.27	278	eP	35	26.00	0.0
	0.7s		10.00nm			4.9mb X
DMN	46.48	278	eP	35	27.80	0.1

S.D. = 1.0 on 9 of 10 obs.

? DEC 19, 1985 15h 33m 26.27± 2.40s
5.521 S ±28.6km 146.916 E ±26.1km
DEPTH = 195.3 ± 12.2 km
4.9mb (3 obs.)
EAST PAPUA NEW GUINEA REGION (207)

MDG	1.16	283	iPc	33	57.50	0.5
MDG	1.16	283	eP	33	50.00	-7.0X
MNDI	3.30	259	eP	34	23.50	3.5X
LMG	3.58	160	iPd	34	21.00	-2.4
PMG	3.87	177	eP	34	26.20	-0.6
ALOA	5.85	144	eP	34	54.00	1.7
CTA	14.49	182	iPc	36	45.00	1.3
	1.1s		17.72nm			4.4mb
WB2	18.84	219	iPd	37	33.70	-0.2
			eS	41	03.50	
WRA	18.85	219	Pd	37	35.00	1.1
	0.2s		42.40nm			5.6mb X
KNA	20.51	239	eP	37	51.60	0.8
ASPA	21.97	214	iPd	38	06 60	1.7
	0.8s		61.00nm			5.2mb
WBN	28.25	221	iPd	39	03 30	-0.1
MBL	30.51	237	eP	39	22.60	-0.7
MEK	34.24	229	iPc	39	55.00	-0.6
	0.7s		28.00nm			5.0mb
KLG	34.70	221	iPc	39	58.80	-0.6
MRWA	37.54	227	eP	40	22.80	-0.5
KLB	37.66	223	iPd	40	23.20	-1.0
BAL	37.81	225	eP	40	25.00	-0.5

S.D. = 1.2 on 16 of 18 obs.

DEC 19, 1985 15h 39m 03.90± 0.35s
0.077 N ± 3.4km 123.563 E ± 4.6km
DEPTH = 161.0 ± 3.3 km
5.6mb (32 obs.)
MINAHASSA PENINSULA (265)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 17C
Centroid Location:
Origin Time 15:39: 2.9 0.8
Lat 0.00N 0.07 Lon 123.41E 0.08
Dep 131.3 3.6 Half-duration 1.5
Moment Tensor; Scale 10**23 D-CM
Mrr= 8.53 0.81 Mtt=-4.95 1.23
Mff=-3.58 1.51 Mrt= 2.19 0.76
Mrf= 3.52 0.77 Mtf= 0.14 1.07
Principal Axes:
T Val= 9.79 Plg=73 Azm=299
N -4.33 10 65
P -5.46 14 158
Best Double Couple:Mo=7.6*10**23
NP1:Strike=261 Dip=33 Slip= 109
NP2: 59 59 78

PCI	3.85	255	eP	40	02.50	-0.7
			iS	40	21.50	
MKS	6.66	218	iPd	40	38.50	-2.0
BKB2	6.80	259	iPc	40	44.60	2.3
DAV	7.25	16	eP	40	49.00	0.7
KKM	9.43	309	ePd	41	18.50	1.1
	0.6s		677.80nm			6.4mb X
KUPT	10.16	180	ePc	41	28.00	1.1
PPR	10.77	334	ePd	41	39.00	4.2X
	1.0s		345.00nm			5.9mb X
KHKI	11.54	223	ePc	41	46.00	1.1
			eS	44	19.80	
PGP	13.59	349	ePc	42	14.50	3.2X
			eS	42	55.00	
QCP	14.67	350	eP	42	38.00	13.0X
MAN	14.70	350	ePd	42	28.00	2.7
BAG	16.49	350	eP	42	46.90	-0.8
			eS	45	50.00	
KNA	16.54	162	eP	42	46.00	-2.1
	0.6s		330.00nm			5.9mb
CVP	17.60	355	ePd	43	01.30	0.5
	1.0s		330.00nm			5.6mb
SZP	17.63	350	iPd	42	59.00	-2.1
PIP	18.36	351	iPd	43	07.50	-1.6
TZZ	18.42	107	eP	43	08.00	-1.7
KGM	20.33	276	ePd	43	31.00	1.6
	1.3s		240.30nm			5.5mb
			e	44	02.80	
MBL	21.42	190	eP	43	39.00	-1.2
	0.6s		57.00nm			5.2mb
			e	47	38.50	
KLM	22.11	278	eP	43	49.90	2.9
WB2	22.53	153	iPd	43	50.00	-1.0
			iS	47	41.00	
MDG	22.81	104	eP	43	54.50	0.8

IPM	22.95	282	ePd	43	56.20	1.1	WAM	43.08	150	eP	46	51	00	1.5	GRR	112.07	324	ePKP	57	21.80	0 1
	0.9s	340.90nm			5.8mb					i	47	22	60		LPF	112.34	323	ePKP	57	22.20	0.6
			e	44	14.70					iPcP	48	38	30		LPO	112.40	319	ePKP	57	22.90	0.4
			e	47	42.10					eScP	52	16	50		MFF	112.44	322	ePKP	57	22.50	0 6
OIZ	23.15	325	Pc	43	58.90	1.9	CN2	43.56	2	eP	46	50	20	-3.1X	LFF	112.59	320	ePKP	57	23 00	0 1
PPI	23.17	269	ePc	43	57.50	0.3				PcP	48	37	80		FFC	113.90	27	iPKPc	57	24 80	-0 3
	0.8s	311.40nm			5.8mb		MDJ	44.67	6	Pc	47	01	00	-1.2		0.7s		7.00nm			
NAU	23.82	199	iPc	44	03.20	-0.2	GTA	44.77	334	Pc	47	02	50	-0.7	TMI	114.38	41	PKP	57	27.60	0 9
HKC	23.91	338	eP	44	00.00	-4.3X				PcP	48	43	30		DUG	115.04	45	PKP	57	28.80	0 9
PSI	24.77	276	iPd	44	13.50	1.1	PKI	45.68	310	eP	47	10	30	-0.5	FRB	115.70	6	ePKP	57	28.00	-0 2
	0.7s	170.90nm			5.7mb		KKN	45.89	310	eP	47	12	00	-0.4	DAU	116.04	44	PKP	57	30.80	0.7
GZH	24.94	337	P	44	15.00	1.1	DMN	45.93	310	eP	47	12	60	-0.1	MSU	116.16	46	PKP	57	31.60	1.4
OZH	25.18	349	Pc	44	17.20	1.1	KOD	46.94	284	eP	47	18	00	-2.9	BDW	116.16	41	iPKP	57	31.00	0.9
TSI	25.21	278	ePc	44	20.00	3.5X	DZM	47.22	121	iPc	47	22	50	-0.3	RSON	120.22	26	iPKP	57	36.80	-0.4
PMG	25.31	113	eP	44	17.00	-0.4	NOU	47.31	121	iPc	47	22	50	-0.9	GOL	120.40	42	PKP	57	39.00	0.7
ASPA	25.65	158	eP	44	19.00	-1.5	HYB	47.52	294	iPc	47	23	50	-1.6		0.8s		26.79nm			
WBN	26.23	174	eP	44	19.00	-6.7X		0.8s		142.20nm				5.6mb	IFR	121.43	310	iPKP	57	41.00	0.7
			e	44	52.00					e	47	57	50		ALO	121.81	48	ePKP	57	42.00	1.0
			eS	48	40.00		GBA	47.61	288	P	47	24	10	-1.6		1.0s		17.50nm			
WBN	26.23	174	iPd	44	25.20	-0.5	POO	52.13	294	iPc	47	57	50	-2.6				e	58	21.50	
			e	45	06.00		NDI	52.61	307	eP	48	01	00	-2.5	LHC	123.97	26	iPKPd	57	45.00	0.5
NNT	26.70	299	eP	44	30.90	0.7		0.6s		93.33nm				5.7mb		0.7s		50.00nm			
			e	47	50.90		WMO	54.02	328	P	48	13	00	-0.7	SCH	124.63	7	ePKP	57	46.00	0.4
MEK	26.97	190	iPc	44	31.60	-0.9	MSZ	59.39	145	P	48	52	00	0.6		0.5s		27.00nm			
	0.5s	47.00nm			5.4mb					e	49	22	00		LTX	126.32	53	iPKP	57	51.00	1.2
LOE	27.54	310	eP	44	35.00	-2.7	KRP	60.90	135	P	49	02	80	0.9	KIC	128.02	278	ePKP	57	38.60	-14.7X
NST	27.84	305	iPc	44	40.80	0.4	TCW	61.52	138	P	49	04	90	-1.1	TUL	128.82	41	ePKP	57	55.80	1.6
ALOA	28.59	112	eP	44	47.00	-0.2	MNG	62.05	137	P	49	08	80	-0.8		1.5s		87.30nm			
KHT	28.69	302	eP	44	49.00	0.9				e	49	46	00		JCT	128.82	50	ePKP	57	54.50	0.0
BDT	29.59	306	eP	44	57.00	1.0	GNZ	62.98	134	P	49	15	80	0.1		0.9s		56.72nm			
	0.8s	225.80nm			6.0mb		IR2	75.91	307	iPc	50	34	20	-0.6	RLO	129.18	41	ePKP	57	56.10	1.2
CTA	29.92	133	iPc	44	58.80	-0.1	AVY	76.63	251	ePd	50	37	80	-1.3	BHO	130.33	42	ePKP	57	58.20	1.1
	1.0s	10.50nm			4.5mb	X	SBA	81.19	172	iP	51	04	10	1.7	FVM	130.87	36	ePKP	57	58.80	0.7
			iPcP	47	58.50			1.0s		19.00nm				4.8mb	OTT	131.62	18	ePKP	58	01.00	1.8
			iS	49	46.00		NAI	86.76	269	iPc	51	33	00	1.0	RSCP	135.31	34	ePKP	58	06.30	-0.3
MRWA	30.01	193	iPc	44	58.80	-0.8		1.0s		70.00nm				5.5mb	LNV	143.49	159	ePKPd	58	20.00	-1.4
	0.4s	16.00nm			5.1mb		SYO	87.93	201	iP	51	37	10	0.9	TACH	143.93	159	ePKPc	58	21.00	-1 2
KLG	30.76	184	iPc	45	04.40	-1.7	PMO	88.61	105	iP	51	44	40	4.0X	PCH	144.11	160	ePKP	58	22.20	-0.4
GYA	30.87	329	Pd	45	09.00	1.7		1.2s		90.00nm				5.6mb	SAN	144.21	159	ePKP	58	21.50	-1.2
			PcP	48	00.40		PMR	88.64	29	P	51	37	60	-2 1	BACH	144.36	160	ePKPc	58	22.90	-0.1
SSE	30.93	356	eP	45	08.00	0.4	VAH	88.87	105	iP	51	45	20	3.6X	FCH	144.45	160	ePKPd	58	24.00	0.5
BAL	31.20	191	iPc	45	08.90	-1.1		1.2s		55.00nm				5.4mb	PEL	144.48	159	iPKPc	58	22.90	-0.3
WHN	31.54	345	eP	45	13.50	0.6	TPT	88.88	105	iP	51	45	60	3.9X	ROCH	144 52	159	ePKP	58	23.30	-0.2
			pP	45	45.50	151kmX		1.2s		85.00nm				5.6mb	JACH	144 93	159	iPKPd	58	24.70	0.6
KLB	31.97	189	eP	45	15.40	-1.3	RUV	89.11	105	iP	51	46	60	3.9X	ZON	146.62	161	ePKP	58	30.00	3.2X
	0.5s	16.00nm			5.1mb			1.2s		80.00nm				5.6mb	VCA	149.36	159	ePKPd	58	38.20	6.8X
KMI	32.02	323	eP	45	18.50	1.0	SPA	90.08	180	ePc	51	47	40	0.9	SLA	153.97	161	ePKPd	58	40.00	1.8
NJ2	32.11	352	Pd	45	17.80	-0.1		1.0s		26.00nm				5.2mb	ITA	155.06	207	ePKP	58	41.90	2.0
MUN	32.63	192	eP	45	21.00	-1.4	KEV	92.21	340	iP	51	54	00	-2.1				e	59	07.00	
			e	48	04.40			0.5s		16.80nm				5.4mb	TPZ	156.89	157	PKPc	58	46.20	3.8X
NWAO	33.37	190	eP	45	28.00	-0.8	KJF	92.49	334	iP	51	56	00	-1.4	CAI	159.71	251	ePKP	58	46.80	1.4
	0.6s	27.00nm			5.1mb			0.5s		44.90nm				5.9mb	CNCB	159.85	146	PKP	58	49.00	2.9
RKG	34.52	190	eP	45	43.00	4.4X	SOD	92.61	337	iP	51	56	30	-1.6				i	59	30.00	
	0.4s	24.00nm			5.3mb		SUF	93.34	333	iP	51	59	50	-1.9	LPB	160.01	145	PKP	58	49.00	2.9
RMO	35.87	139	eP	45	50.00	-0.1		0.4s		13.50nm				5.5mb		1.0s		40.00nm			
STK	36.07	153	eP	45	51.00	-0.7	KRI	93.80	253	iPc	52	04	80	0.2				i	59	30.00	
			e	46	25.00		NUR	94.33	331	eP	52	04	00	-1.9	ITR	160.09	244	ePKP	58	46.20	0.4
			e	48	14.00		BUL	94.68	250	iPc	52	08	80	0.2	ZOBO	160.21	145	iPKP	58	48.80	2.3
TIA	36.45	351	eP	45	53.20	-1.6		0.5s		66.90nm				6.2mb				i	59	30.00	
			PcP	48	15.60		INK	94.70	21	iPc	52	07	30	-0.2	SOB1	162.06	239	ePKP	58	49.40	1.7
XAN	36.47	339	Pc	45	55.00	-0.1		0.6s		18.00nm				5.5mb				e	58	53.90	
HNR	37.43	106	eP	46	03.00	-0.4	MLR	95.30	316	ePc	52	10	00	-1.0				i	59	36.10	
CMS	37.82	148	eP	46	06.00	-0.4	MBC	96.18	12	eP	52	14	00	-0.2	BAO	162.44	208	iPKPd	58	49.80	1.6
			e	46	41.00		KRA	98.67	321	eP	52	24	90	-1.0	ATB	174.72	233	PKPc	58	55.70	-0.2
MAT	38.74	19	iPc	46	12.30	-1.8	HFS	99.73	331	eP	52	28	20	-2.3		S.D. = 1.2		on 165 of 183 obs.			
	1.0s	95.00nm			5.5mb			0.5s		17.90nm				5.8mb							
			eS	52	00.00		DAG	100.43	352	iPdiff	52	51	50	18.3X		DEC 19, 1985 17h 33m 39.96± 0.44s					
TIY	38.83	346	P	46	14.40	-0.5		1.5s		8.33nm						14.921 N ± 8.8km 45.078 W ± 8.0km					
LZH	40.24	335	P	46	27.50	0.9	NB2	100.60	333	Pdiff	52	31	80	-2.6		DEPTH = 10.0km (geophysicist)					
	1.6s	217.00nm			5.6mb			0.7s		6.30nm				5.3mb		4.5mb (11 obs.)					
BJI	40.34	351	eP	46	26.00	-1.1	BRG	102.22	322	iPdiff	52	41	10	-0.7		NORTH ATLANTIC RIDGE					(403)
COO	40.67	141	eP	46	31.00	1.0		0.7s		12.00nm				5.7mb							
BFD	41.02	157	eP	46	33.00	0.3	YKA	104.11	24	ePdiff	52	51	30	1.4	CAI	22.72	159	eP	38	43.30	0.0
			e	47	07.00		BNG	104.96	275	iPdiff	57	09	10	254.2X	SOB1	24.33	170	eP	38	59.40	0.3
			e	48	13.00			0.4s		5.00nm								e	39	04.10	
YOU	41.34	148	iPd	46	36.40	1.0	BSF	107.61	321	ePKP	57	13	10	-0.4	IFR	40.56	56	eP	41	08.00	-13.5X
			eScP	52	08.60		LPG	108.44	319	ePKP	57	15	40	0.1	FVM	46.08	309	eP	42	06.20	0.2
SNY	41.56	0	Pc	46	35.40	-1.6	LOR	109.66	321	ePKP	57	17	10	-0.1		1.0s		8.00nm		4.7mb	
HHC	42.02	346	P	46	41.00	0.0	SMF	109.91	320	ePKP	57	18	20	0.5	MFF	48.91	40	eP	42	29.60	1.6
BTO	42.17	345	eP	46	42.00	-0.3	SSF	109.96	321	ePKP	57	18	00	0.2	LPF	48.99	38	eP	42	30.00	1 4
CAN	42.46	149	iPd	46	45.70	1.1	AVF	110.17	321	ePKP	57	17	70	-0.4		0.8s		5.30nm		4.6mb	
			i	47	19.90		BGF	110.58	321	ePKP	57	19	30	0.3	CAF	49.67	43	eP	42	34.20	0.2
			iPcP	48	35.70		MZF	110.88	320	ePKP	57	19	50	-0.1		0.8s		4.00nm		4.5mb	
			iScP	52	13.40		TCF	111.09	321	ePKP	57	20	10	0 1	TCF	50.28	41	eP	42	39.50	0 5
TOO	42.58	154	iPc	46	47.40	1.8	LSF	111.54	321	ePKP	57	20	70	-0.1	BGF	50.79	41	eP	42	42.70	0 3
			e	47	21.00		CAF	111.73	319	ePKP	57	21	80	0.6		1.0s		8.00nm		4.6mb	
LSA	42.68	317	Pc	46	46.70	-0.3	BMN	111.82	46	ePKP	57	23	00	1.3	LBF	51.67	41	eP	42	49.60	0.4

19d 17h

LOR	51.70	41	eP	42	48.90	-0.4
	1.0s		4.00nm			4.3mb
MEM	54.26	38	P	43	15.00	6.8X
LTX	55.62	295	eP	43	18.80	0.1
	0.8s		1.02nm			3.9mb
KBA	57.81	43	i(P)	43	39.90	5.8X
	0.9s		8.80nm			4.8mb
KHC	58 45	41	eP	43	23.00	-15.4X
ZST	60 53	43	eP	43	51.30	-1.4
NBO	61.01	28	P	43	54.80	-1.0
	1.1s		4.40nm			4.5mb
BDW	61.34	311	eP	43	58.50	-0.1
	1.0s		1.80nm			4.2mb
APO	62.06	29	eP	44	01.80	-1.1
	0.8s		3.20nm			4.6mb
DAU	62.40	308	P	44	05.50	-0.4
IMW	62.45	312	P	44	05.50	-0.6
SES	63.35	319	ePd	44	11.20	-0.4
BNG	63.39	93	iPc	44	11.50	-1.0
	0.6s		4.00nm			4.8mb
SDW	66.98	302	P	44	36.50	1.0
NEW	67.08	316	eP	44	36.00	0.2
ALE	67.98	358	eP	44	39.00	-1.8
MBC	71.87	346	eP	45	06.00	1.3
INK	75.68	337	eP	45	27.00	0.1
S.D. = 0.9 on 24 of 28 obs.						

DEC 19, 1985 18h 01m 54.05± 0.78s
39.579 N ± 6.6km 27.175 E ± 7.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EZN	0.70	291	iPg	02	07.40	-0.5
			eSg	02	17.40	
EDC	0 93	34	iPn	02	12.10	0.3
KCT	1 13	53	iPn	02	15.50	0.3
IZM	1.18	177	iPn	02	16.60	0.5
MFT	1 21	4	ePn	02	18.00	1 4
CTT	1 84	31	ePn	02	25.00	-0.9
ISK	2.07	44	ePn	02	32.50	3.3X
DMH	2.28	11	iPn	02	31.90	-0.5
GPA	2.51	73	ePn	02	35.00	-0.6
S.D = 0.9 on 8 of 9 obs.						

DEC 19, 1985 20h 16m 46.23± 0.59s
50.241 N ± 5.5km 12.417 E ± 5.2km
DEPTH = 12.0 ± 7.3 km
GERMANY (543)
ML 2 0 (GRF).

HOF	0.35	282	ePg	16	53.70	0.1
MOX	0.65	309	ePg	16	59.00	-0.1
			iSg	17	08.50	
GRF	0.95	235	iPg	17	04.40	0.3
			eSg	17	16.60	
CLL	1.13	19	Pg	17	07.80	0.5
			Sg	17	22.70	
WET	1.14	164	ePg	17	07.50	0.1
BRG	1.16	56	Pg	17	07.80	0.0
			Sg	17	22.70	
KHC	1.34	145	iPg	17	10.90	0.1
			iSg	17	27.50	
PRU	1.39	100	Pg	17	11.30	-0.1
			Sg	17	29.00	
S.D. = 0.3 on 8 of 8 obs.						

DEC 19, 1985 20h 54m 58.80± 0.50s
50.221 N ± 4.9km 12.431 E ± 4.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.3 (GRF).

HOF	0.37	285	iPgd	55	06.20	-0.2
MOX	0.67	310	ePg	55	12.00	-0.2
			iSg	55	21.00	
GRF	0.94	236	iPgc	55	17.20	0.4
			eSg	55	29.50	
			eLg	55	31.90	
WET	1.12	165	ePg	55	19.70	0.0
CLL	1.15	18	iPg	55	20.30	0.0
			iSg	55	35.80	
BRG	1.17	55	iPgc	55	20.80	0.2
			iSg	55	35.80	
KHC	1.32	145	iPg	55	23.00	-0.2
			iSg	55	40.50	
PRU	1.38	99	Pg	55	24.00	0.0
			Sg	55	41.70	
S.D. = 0.3 on 8 of 8 obs.						

? DEC 19, 1985 21h 24m 23.52± 6.24s
33.662 S ±63.6km 68.603 W ±49.8km
DEPTH = 179.7 ± 21.5 km
MENDOZA PROVINCE, ARGENTINA (139)

RTCV	1.80	2	iPc	24	58.60	-0.2
			S	25	23.30	
PEL	1.82	286	iPd	24	59.00	0.0
			iS	25	23.80	
CFA	2.07	9	ePc	25	01.70	-0.1
			S	25	29.00	
ZON	2.11	358	iPc	25	03.00	0.8
			eS	25	30.00	
RTCB	2.18	356	iPd	25	03.00	0.0
RTLL	2.33	3	iPc	25	04.30	-0.4
			S	25	33.40	
VCA	4.92	4	ePd	25	37.00	-0.3
			S	26	31.00	
SLA	9.31	18	e(P)	26	35.20	0.2
S.D. = 0.5 on 8 of 8 obs.						

* DEC 19, 1985 21h 43m 17.76± 1.26s
17.205 N ±21.8km 62.333 W ±17.3km
DEPTH = 30.1 ± 12.4 km
LEEWARD ISLANDS (92)

BPA	0.48	109	eP	43	27.80	-0.1
			S	43	34.70	
SEG	1.12	135	eP	43	37.40	-0.1
			S	43	52.00	
PAG	1.33	152	eP	43	40.00	-0.4
MGG	1.61	143	eP	43	45.20	0.8
			S	44	06.00	
BBL	1.86	154	eP	43	48.00	-0.2
SJG	3.75	284	e(P)	44	15.00	0.0
S.D. = 0.6 on 6 of 6 obs.						

? DEC 19, 1985 22h 28m 17.61± 1.58s
25 586 S ±27.6km 175.014 W ±21.4km
DEPTH = 33.0km (normal)
SOUTH OF TONGA ISLANDS (175)

NDF	10.47	317	eP	30	48.20	-0.4
NOU	17.25	277	iPc	32	24.80	7.1X
DZM	17.32	278	iPc	32	20.00	1.4
CMS	34.77	251	eP	35	16.00	8.9X
CTA	36.02	271	iPd	35	16.10	-1.8
	0.6s		29.00nm			5.4mb
PMG	39.33	287	eP	35	37.50	-8.1X
ASPA	46.25	261	eP	36	44.00	2.2
W82	46.80	266	eP	36	45.20	-1.0
PNT	89.38	33	eP	41	23.00	11.0X
COL	92.63	11	eP	41	28.00	1.4
	0.8s		9.33nm			5.3mb
CHG	94.51	289	eP	41	35.00	-1.3
HFS	144.95	352	ePKP	47	52.00	-0.4
	0.7s		2.80nm			
KSP	153.33	344	ePKPd	48	17.40	11.7X
CLL	153.59	349	iPKP	48	18.40	12.4X
	1.0s		17.00nm			
BRG	153.83	347	iPKP	48	18.70	12.3X
	0.8s		14.00nm			
PRU	154.54	346	PKP	48	20.10	12.8X
KHC	155.56	346	iPKP	48	23.00	14.2X
S.D. = 1.7 on 8 of 17 obs.						

* DEC 19, 1985 22h 32m 25.77± 1.57s
35.221 N ±14.5km 24.529 E ±12.0km
DEPTH = 77.3 ± 10.9 km
4.6mb (8 obs.)
CRETE (370)

NPS	0.89	87	iPgc	32	46.00	2.4
ATH	2.82	347	ePn	33	10.00	0.5
			eSn	33	40.50	
YER	3.59	57	iPn	33	21.50	1.3
IZM	3.85	34	iPn	33	24.40	0.5
PRK	4.25	19	ePn	33	28.80	-1.4
			eSn	34	13.50	
VLS	4.33	314	ePn	33	30.00	-0.6
			eSn	34	21.00	
ELL	4.62	69	iPn	33	36.10	1.3
BCK	5.38	64	ePn	33	43.90	-1.4
EDC	5.76	26	ePn	33	50.00	-0.5
VAY	6.28	346	ePn	33	58.40	0.7
OHR	6.57	335	ePr	34	0.40	-0.4
SKO	7.16	341	ePn	34	10.50	0.6
			i	34	17.00	
HRI	9.48	99	iP	34	42.00	-1.8
			eS	36	19.00	
JER	9.55	108	iP	34	40.20	-2.5
			eS	36	20.00	
PRNI	10.06	116	iP	34	48.40	-1.2
			e(S)	36	29.00	
DOU	20.78	322	P	37	21.90	19 5X
IR2	21.47	81	eP	37	13.00	3.4X
HFS	25.90	348	eP	37	51.20	-0.7
	0.6s		2.10nm			3.8mb
NB2	27.21	346	P	38	03.80	-0 1
	0.7s		1.30nm			3.6mb
SUF	27.54	2	iP	38	05.30	-1.5
	0.4s		3.10nm			4.2mb
KJF	29.07	3	iP	38	19.00	-1.5
	0.6s		13.00nm			4.7mb
BNG	31.13	192	ePd	38	44.00	4.3X
	0.9s		5.00nm			4.3mb
SOD	32.22	2	eP	38	47.00	-1.2
DMN	51.57	81	eP	41	28.20	1.8
	0.7s		19.00nm			5.2mb
KKN	51.63	80	eP	41	28.60	1.7
	0.7s		13.00nm			5.1mb
PKI	51.83	81	eP	41	30.00	1.5
	0.8s		17.00nm			5.1mb
YKA	77.23	342	eP	44	15.10	2.6
S.D. = 1.5 on 24 of 27 obs.						

DEC 19, 1985 23h 08m 58.89± 0.51s
42.233 N ± 6.5km 19.945 E ± 6.1km
DEPTH = 10.0 ± 4.2 km
YUGOSLAVIA (383)
DUR 3.5 (TTG).

SKO	1.14	103	iPn	09	18.70	-1.6
			i	09	19.80	
			iSn	09	36.00	
OHR	1.29	150	iPn	09	21.80	-1.0
VAY	2.16	114	iPn	09	35.40	-0.1
GRG	2.24	124	eP	09	37.10	0.5
KZN	2.37	144	ePn	09	39.50	1.1
			eSb	10	15.00	
KNT	2.46	115	ePc	09	39.70	0.1
			eS	10	05.70	
THE	2.78	124	eP	09	44.50	0.3
LIT	2.87	137	ePd	09	46.50	1.0
			eS	10	20.50	
SOH	2.92	118	iPd	09	46.40	0.1
			eS	10	20.30	
SRS	2.95	111	iPd	09	46.30	-0.4
OUR	3.58	121	ePd	09	55.50	-0.1
			eS	10	37.90	
PAIG	3.64	128	ePc	09	56.50	0.0
GZR	3.77	32	ePd	09	29.50	-28.8X
VLS	4.08	173	ePn	10	03.00	0.3
			eSn	10	53.00	
CMP	4.78	49	ePc	11	08.00	55.4X
CEY	5.30	313	ePn	10	21.80	1.7
	1.5s		229.00nm			5.6mb X
			eSn	11	24.40	
MLR	5.42	51	ePd	10	22.00	0.1
LJU	5.45	316	ePn	10	22.30	0.2
	1.1s		260.00nm			5.8mb X
			eSn	11	25.00	
			e	11	29.80	
ISR	5.60	57	eP	10	20.00	-4.3X
TRI	5.65	310	ePn	10	25.60	0.6
			iSn	11	29.40	
			i	12	05.50	
PSZ	5.69	360	ePn	10	23.90	-1.6
SRO	5.70	349	e(P)	10	27.40	1.8
			e	12	16.20	
VOY	5.78	313	iPn	10	27.40	0.6
			iSn	11	35.70	
			i	12	11.70	
ZST	6.29	342	eP	10	51.00	17.1X
KHC	8.21	329	P	11	01.00	0.1
			e	11	15.50	
			e	11	43.60	
			e	12	50.50	
PRU	8.61	336	eP	11	12.00	5.6X
LPG	10.07	293	eP	11	27.10	0.2
	0.9s		7.20nm			5.1mb X
SMF	12.32	296	eP	11	55.30	-1.9

0.8s 3.20nm 4.6mb X
LBF 12.33 298 eP 11 55.00 -2.3
0.8s 3.20nm 4.6mb X
LOR 12.49 299 eP 12 03.00 3.5X
0.6s 1.80nm 4.5mb X
S.D. = 1.1 on 24 of 30 obs.

• DEC 20, 1985 00h 22m 22.64± 0.58s
29.501 N ±11.1km 51.640 E ± 7.2km
DEPTH = 33.0km (normal)
4.4mb (7 obs.)
SOUTHERN IRAN (353)

SHI 0.79 79 iPd 22 37.00 -0.4
IR2 6.18 354 eP 23 55.00 0.9
KER 6.18 323 eP 23 55.00 0.8
MLR 25.74 315 iPc 27 55.00 3.1X
e 50 11.00
HYB 27.39 110 ePd 28 07.60 0.5
DMN 29.40 85 eP 28 25.60 0.1
KKN 29.52 85 eP 28 26.60 0.1
0.5s 10.00nm 4.8mb
PKI 29.67 85 eP 28 27.90 -0.1
0.8s 13.00nm 4.7mb
KHC 34.89 315 iP 29 13.00 0.0
SUF 37.12 341 eP 29 32.00 0.5
LPG 38.49 307 eP 29 46.10 2.4
0.6s 2.70nm 4.2mb
HFS 39.80 331 eP 29 53.50 -0.5
0.5s 6.90nm 4.7mb
BNG 40.02 238 iPc 29 58.40 2.0
0.6s 5.00nm 4.5mb
LBF 40.62 309 eP 30 00.60 -0.4
SMF 40.66 308 iPc 30 00.10 -1.2
0.6s 2.10nm 4.1mb
LOR 40.74 309 eP 30 00.70 -1.2
SOD 40.76 345 iP 30 02.40 0.6
SSF 40.95 309 eP 30 02.70 -0.9
NB2 41.32 331 P 30 05.20 -1.4
0.5s 1.10nm 3.8mb
KIC 57.75 258 eP 32 11.50 -1.5
FRB 75.89 337 eP 34 07.00 -0.2
S.D. = 1.1 on 20 of 21 obs.

• DEC 20, 1985 00h 42m 42.32± 0.77s
24.752 N ±10.7km 67.641 E ± 9.3km
DEPTH = 33.0km (normal)
4.7mb (5 obs.)
PAKISTAN (710)

BOM 7.55 139 eP 44 34.00 1.1
eS 45 58.00
POO 8.46 136 eP 44 49.00 3.3X
NDI 9.41 63 eP 44 57.00 -1.7
HYB 12.52 124 eP 45 39.00 -2.1
GBA 14.43 138 P 46 06.70 0.5
S 49 00.70
DMN 15.93 76 eP 46 25.50 -0.5
1.0s 89.00nm 4.9mb
KKN 16.11 75 eP 46 27.40 -0.8
0.8s 50.00nm 4.7mb
PKI 16.20 76 eP 46 27.70 -1.7
1.0s 40.00nm 4.5mb
KSH 16.26 24 eP 46 29.20 -0.7
eS 49 25.20
IR2 18.07 311 eP 46 52.00 -0.7
LSA 21.46 72 P 47 32.50 1.9
WMQ 25.11 36 eP 48 08.00 2.3
XAN 36.93 66 eP 49 51.70 1.6
BNG 51.28 255 iPd 51 44.40 -1.1
0.8s 11.00nm 4.9mb
KIC 71.38 268 eP 54 00.70 -0.9
WRA 78.63 118 P 54 46.00 3.1X
1.0s 4.40nm 4.4mb
WB2 78.64 118 eP 54 44.50 1.6
INK 85.91 8 eP 55 21.00 1.2
S.D. = 1.5 on 16 of 18 obs.

? DEC 20, 1985 01h 27m 40.89± 3.11s
15.520 N ±27.5km 92.041 W ±17.8km
DEPTH = 33.0km (normal)
3.9mb (1 obs.)
MEXICO-GUATEMALA BORDER REGION (62)
Felt at Topochulo, Mexico.

COM 0.73 353 iP 27 54.40 -0.6
iS 28 10.70
CR4 1.55 320 iP 28 05.20 -1.4
CR3 1.56 326 iP 28 05.70 -1.0
CR5 1.65 321 iP 28 00.80 -7.3X
CSN 1.77 325 iP 28 11.20 1.5
OZC 1.79 315 iP 28 09.70 -0.4
PBJ 3.36 286 iP 28 30.30 -2.1
VHO 4.82 291 iP 28 53.00 -0.2
TPM 7.54 298 eP 29 33.20 1.7
III 7.65 293 eP 29 32.80 -0.3
OXM 8.21 298 eP 29 43.20 2.2
ACO 22.02 345 eP 32 35.50 1.3
0.5s 2.70nm 3.9mb
YKC 49.50 347 eP 36 29.00 -1.0
YKA 49.55 346 eP 36 30.70 0.4
S.D. = 1.4 on 13 of 14 obs.

DEC 20, 1985 01h 45m 08.37± 0.64s
44.626 N ± 4.6km 111.002 W ± 9.2km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 2.6 (NEIS).

IMW 0.73 176 eP 45 22.50 -0.5
LCCM 1.36 333 eP 45 34.20 0.1
CCMT 1.36 283 eP 45 34.30 0.1
TMI 1.48 207 eP 45 35.30 -0.6
SXM 1.53 355 ePn 45 35.90 -0.7
LRM 1.57 320 ePn 45 37.60 0.3
HPI 1.76 239 eP 45 40.40 0.4
BUT 1.77 322 ePg 45 42.10 2.1X
eSn 46 03.90
BDW 2.12 150 e(P) 45 46.00 0.8
HRY 2.16 345 ePn 45 45.70 0.0
S.D. = 0.6 on 9 of 10 obs.

• DEC 20, 1985 01h 52m 58.71± 1.15s
39.296 N ± 7.7km 75.588 E ±10.2km
DEPTH = 46.1 ± 12.3 km
4.8mb (5 obs.)
SOUTHERN XINJIANG, CHINA (321)

KSH 0.34 62 Pgd 53 08.70 0.6
Sg 53 15.20
WMO 10.14 60 P 55 25.50 0.9
NDI 10.67 172 eP 55 32.70 0.8
KKN 14.02 142 eP 56 15.10 -1.7
DMN 14.09 143 eP 56 16.00 -1.7
1.2s 153.00nm 5.6mb X
PKI 14.27 142 eP 56 18.00 -2.1
0.7s 36.00nm 5.1mb X
GTA 18.73 82 P 57 17.20 1.1
IR2 19.91 267 (P) 57 31.00 1.7
HYB 21.95 172 eP 57 50.50 0.3
LZH 22.55 89 eP 58 00.50 4.4X
CD2 24.45 101 eP 58 23.60 9.2X
GBA 25.64 176 P 58 28.00 2.3
S 03 28.00
SUF 37.60 325 eP 00 10.00 -0.2
KRA 40.14 304 ePc 00 31.50 0.0
HFS 43.19 320 eP 00 55.10 -1.3
0.6s 4.90nm 4.4mb
BRG 43.82 306 e(P) 01 03.00 1.4
KHC 44.37 304 P 01 06.00 -0.2
NB2 44.41 321 P 01 04.60 -1.7
0.8s 3.90nm 4.2mb
DAG 53.11 343 eP 02 11.00 -2.3
BNG 62.01 251 iPd 03 15.80 -1.0
0.9s 13.00nm 5.1mb
id 03 20.40
MBC 64.34 4 eP 03 31.00 -0.3
0.8s 8.00nm 4.8mb
INK 70.52 11 ePc 04 10.20 0.1
YKA 78.23 5 eP 04 55.30 0.8
YKC 78.25 5 ePc 04 55.00 0.4
0.8s 15.00nm 5.1mb
KIC 78.52 269 eP 04 57.10 0.1
WB2 80.52 125 eP 05 09.80 2.2
S.D. = 1.4 on 24 of 26 obs.

• DEC 20, 1985 01h 59m 37.88± 0.65s
28.086 N ± 9.7km 140.685 E ±12.8km
DEPTH = 33.0km (normal)
4.6mb (1 obs.)
BONIN ISLANDS REGION (212)

CBI 1.66 126 eP 00 05.00 0.0
eS 00 28.00
MAT 8.69 347 eP 01 45.00 0.7
0.4s 13.56nm 5.4mb X
eS 03 36.00
SSE 17.22 285 eP 03 32.00 -5.5X
BJI 23.47 307 eP 04 44.00 -1.2
eS 08 58.00
eSS 09 54.00
PSI 47.14 245 e(P) 08 10.00 0.5
WB2 48.14 188 eP 08 16.80 0.6
WRA 48.14 188 Pc 08 16.70 -0.7
0.6s 3.80nm 4.6mb
YKA 71.90 28 eP 10 59.10 -2.2
ZOBO 150.92 72 ePKP 19 30.00 5.5X
LPB 151.07 73 ePKP 19 31.00 5.8X
CNCB 151.30 73 ePKP 19 31.00 6.3X
S.D. = 0.8 on 7 of 11 obs.

DEC 20, 1985 02h 33m 02.98± 1.16s
2.476 S ± 6.4km 78.794 W ±12.2km
DEPTH = 106.2 ± 10.8 km
4.4mb (3 obs.)
ECUADOR (107)

OUR 2.30 7 iP 33 41.20 0.5
S 34 06.90
CHN 8.04 23 eP 35 09.00 10.0X
BOG 8.49 34 eP 35 05.50 0.3
eS 37 12.00
NNA 9.65 169 iPc 35 19.60 -1.0
0.5s 30.99nm 5.4mb X
eS 37 03.50
SDV 13.91 36 eP 36 17.50 0.5
ZOBO 17.27 143 P 36 38.80 -0.8
0.6s 15.97nm 4.4mb
LPB 17.49 144 P 37 01.70 -0.4
CNCB 17.77 144 P 37 06.20 0.4
(S) 40 16.00
CCH 19.33 141 P 37 24.00 1.0
TPZ 22.77 147 iPc 38 01.30 3.8X
SLA 25.58 151 ePc 38 25.80 1.8
ATB 26.55 92 Pc 38 30.70 -2.1
BAO 33.04 115 iPc 39 39.90 9.3X
SOB1 38.26 102 eP 40 14.50 -0.4
e 40 18.00
e 40 20.50
ITA 38.55 124 e(P) 40 18.00 0.5
ITA 38.55 124 eP 40 30.30 12.8X
BHO 39.66 339 eP 40 25.50 -0.6
0.8s 1.20nm 3.8mb
ITR 40.63 101 eP 40 33.70 -0.7
e 40 36.20
RLO 41.32 340 e(P) 40 38.80 -0.9
ALQ 45.37 328 eP 41 12.50 -0.2
KIC 74.45 83 iPc 44 31.10 -0.8
(PcP) 44 36.30
TOL 79.93 49 e(P) 45 02.00 0.1
INK 79.94 342 eP 45 01.00 -0.3
MBC 81.95 351 eP 45 11.00 -0.7
GRC 86.29 42 iPc 45 36.80 2.7
SPA 87.54 180 iPc 45 41.00 1.0
1.0s 10.50nm 4.8mb
WB2 140.57 234 ePKP 52 13.20 -9.4X
KKN 150.58 30 ePKP 52 45.30 6.1X
PKI 150.83 30 ePKP 52 45.70 6.0X
S.D. = 1.1 on 22 of 29 obs.

DEC 20, 1985 02h 51m 07.23± 0.78s
18.168 S ± 8.2km 69.540 W ± 8.5km
DEPTH = 147.5 ± 7.5 km
4.5mb (3 obs.)
NORTHERN CHILE (123)

CNCB 2.01 48 iP 51 43.60 0.3
LPB 2.13 40 iPd 51 45.10 0.5
iS 52 12.50
ZOBO 2.32 36 iP 51 47.00 -0.1
Z 25s 1.17um
iS 52 16.00
LR 52 18.00
CCH 3.33 77 iP 52 01.20 1.6
(S) 52 17.00
i 52 39.50
TPZ 4.87 133 iPc 52 24.20 4.1X
ANT 5.57 188 iP 52 28.60 -0.5
SLA 7.54 151 ePd 52 56.20 0.4
NNA 9.35 310 iPd 53 17.60 -2.3
0.7s 8.90nm 4.5mb X

20d 02h

			eS	54 56.00		
BAO	20.77	86	iPd	55 37.10	-1.2	
			i	55 40.90		
			e	55 45.40		
VAO	21.66	107	eP	55 46.90	-0.2	
ATB	22.50	51	Pc	55 53.60	-1.6	
ITA	23.66	104	eP	56 07.50	0.7	
			e	56 11.00		
			e	56 18.80		
SOB1	29.18	76	eP	56 56.10	-0.9	
			e	57 03.50		
			e	57 11.20		
ITR	31.63	77	eP	57 17.10	-1.4	
BHO	57.55	335	eP	00 44.50	1.0	
RLO	59.18	336	eP	00 54.80	0.0	
			e	01 27.90		
TUL	59.25	335	eP	00 55.30	0.0	
	1.3s		8.30nm		4.5mb	
			e	01 28.40		
ALO	63.40	327	eP	01 23.90	0.5	
	0.9s		1.68nm		4.0mb	
KIC	68.39	75	iPc	01 54.70	-0.6	
YKC	87.81	341	eP	03 42.00	1.6	
	1.0s		11.00nm		4.8mb	
YKA	87.86	341	eP	03 42.70	2.1	
	S.D. = 1.2		on	20 of 21 obs.		

* DEC 20, 1985 02h 54m 25.58± 0.98s
44.344 N ± 5.8km 7.399 E ± 8.9km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.8 (LDG).

FOUF	0.48	293	P	54 34.80	-0.5	
			Sg	54 41.10		
FRF	0.95	215	Pg	54 43.60	-0.1	
			Sg	54 54.80		
LRG	1.16	221	Pg	54 47.60	0.3	
			Sg	55 02.10		
LMR	1.20	213	Pg	54 48.00	0.1	
	0.2s		35.00nm			
			Sg	55 02.40		
LPG	1.24	339	Pg	54 49.20	0.3	
	0.2s		4.00nm			
CDR	1.35	241	eP	54 50.60	0.1	
			eSg	55 06.90		
			e	55 07.00		
CVF	2.07	148	Pn	55 00.60	-0.3	
			Sn	55 24.00		
	S.D. = 0.4		on	7 of 7 obs.		

& DEC 20, 1985 03h 39m 11.23s
59 997 N 153.024 W
DEPTH = 99.6km
SOUTHERN ALASKA (2)
<AGS-P>

ILM	0.21	29	iP	39 25.14	1.1	
			iS	39 36.54		
RDT	0.66	28	iP	39 28.02	-0.5	
			iS	39 41.33		
BRLK	1.10	101	iP	39 31.92	-1.2	
			iS	39 49.10		
NKA	1.16	49	eP	39 34.83	1.1	
			iS	39 51.73		
SPU	1.28	22	iP	39 34.51	-0.7	
CRP	1.34	18	iP	39 35.77	-0.3	
SLKM	1.49	69	iP	39 36.98	-0.8	
SVW	1.70	312	iP	39 38.86	-1.6	
SEW	1.80	85	eP	39 40.00	-1.6	
			iS	40 02.33		
SUA	1.85	36	iP	39 41.97	-0.5	
			iS	40 06.32		
MPA	1.89	73	iP	39 41.65	-1.2	
PMS	2.12	52	iP	39 44.88	-1.0	
PTE	2.17	65	eP	39 44.79	-1.7	
PWA	2.26	42	eP	39 47.38	-0.4	
PR_	2.48	68	eP	39 48.21	-2.5	
P_RM	2.49	48	eP	39 49.00	-1.8	
PME	2.55	48	eP	39 50.16	-1.5	
KNIM	2.67	80	eP	39 50.26	-2.9	
GHO	2.68	47	eP	39 51.68	-1.8	
			iS	40 21.27		
MTU	2.70	88	iP	39 51.99	-1.7	
LOU	2.72	78	iP	39 50.69	-3.3	
SML	2.92	50	iP	39 54.44	-2.3	
KLU	3.80	64	iP	40 05.75	-3.0	

BALM	5.38	74	iP	40 28.27	-2.3	
	24 obs. ossociated					

DEC 20, 1985 03h 49m 09.23± 0.89s
3.652 S ± 4.1km 140.311 E ± 4.2km
DEPTH = 43.8 ± 8.4 km
5.5mb (14 obs.) 5.5Msz (4 obs.)
WEST IRIAN (201)
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 10S, 18C
Centroid Locotion:
Origin Time 03:49:16.8 0.7
Lot 3.26S 0.07 Lon 140.61E 0.05
Dep 16.0 2.5 Holf-durotion 3.0
Moment Tensor; Scole 10**24 D-CM
Mrr= 3.89 0.19 Mtt=-4.21 0.26
Mff= 0.32 0.29 Mrt=-1.02 0.52
Mrf= 2.99 0.73 Mtf= 2.09 0.17
Principol Axes:
T Vol= 5.59 Plg=60 Azm=272
N -0.07 26 123
P -5.52 13 26
Best Double Couple:Mo=5.6*10**24
NP1:Strike= 86 Dip=39 Slip= 46
NP2: 317 63 120

TZZ	1.84	151	iPc	49 41.00	2.0	
WEW	3.31	88	eP	49 58.00	-1.9	
MNDI	4.16	127	eP	50 16.50	4.3X	
MDG	5.68	106	eP	50 58.00	24.7X	
MDG	5.68	106	eP	50 35.00	1.7	
PMG	8.88	130	eP	50 52.00	-26.0X	
PMG	8.88	130	eP	51 19.00	1.0	
LMG	9.38	124	eP	51 25.00	0.0	
RAB	11.84	93	e(P)	51 44.00	-14.4X	
			iS	54 30.50		
ALOA	11.97	124	eP	52 06.00	5.9X	
AAI	12.09	269	ePc	52 02.00	0.2	
	0.7s		142.40nm		6.1mb X	
KNA	16.54	223	eP	52 58.50	-1.2	
W82	17.20	199	iPc	53 06.00	-2.1	
			i	53 07.90		
			iS	56 37.00		
WRA	17.21	199	iPc	53 06.00	-2.2	
CTA	17.33	161	iPc+	53 10.00	0.3	
	1.4s		205.81nm		5.1mb	
			iS	56 26.00		
DAV	18.17	306	eP	53 22.60	2.5	
VSG	20.06	107	eP	53 40.00	-1.8	
SVO	20.13	107	eP	53 53.00	10.5X	
HNR	20.33	107	eP	53 45.00	0.4	
			eS	57 27.00		
MKS	20.84	265	ePd	53 51.00	1.2	
ASPA	20.84	197	iPc	53 49.20	-0.6	
	0.9s		363.00nm		5.7mb	
RMQ	24.11	161	eP	54 23.00	1.0	
KHKI	25.00	258	ePd	54 29.80	-0.9	
			e	02 27.00		
KKM	25.92	292	ePc	54 40.40	1.0	
WBN	25.95	209	eP	54 39.00	-0.5	
MAN	26.35	314	eP	54 42.70	-0.5	
BRS	26.44	154	iPc	54 42.00	-2.0	
			i	54 55.00		
			i	55 33.00		
			iS	59 20.00		
MBL	26.45	227	iPc	54 43.40	-0.7	
			eS	59 42.00		
BAG	27.89	316	eP	55 06.10	8.6X	
			eS	59 37.00		
STK	28.11	178	eP	54 58.00	-1.1	
CMS	28.17	170	eP	55 02.00	2.3	
			e	04 00.00		
COO	28.93	159	eP	55 06.00	-0.6	
NAU	30.50	230	eP	55 20.20	-0.4	
PVC	30.80	119	iPc	55 36.00	12.7X	
MEK	30.91	220	eP	55 24.00	-0.2	
DZM	31.27	128	iPc	55 26.00	-1.5	
NOU	31.40	128	iPc	55 28.00	-0.5	
CAN	32.52	167	eP	55 39.20	0.9	
BFD	33.43	177	eP	55 47.00	1.0	
TOO	34.09	173	e(P)	55 55.00	3.2X	
MRWA	34.34	220	eP	55 53.00	-1.0	
	0.8s		95.00nm		5.8mb	
BAL	34.86	217	eP	55 58.00	-0.5	
	0.8s		154.00nm		6.0mb	
KLB	34.96	215	eP	55 58.40	-1.0	

MUN	36.14	216	eP	56 00.00	-0.3	
NWAO	36.25	214	iPc	56 00.10	-0.2	
RKG	37.24	213	eP	56 03.00	4.5X	
KGM	37.40	278	eP	56 00.50	0.4	
SHK	38.65	350	eP	56 28.70	-1.7	
SSE	39.07	334	Pc	56 34.00	0.1	
	1.0s		67.00nm		5.4mb	
N	24s		3.50um			
E	24s		3.00um			
			PP	58 40.00		
			S	02 16.00		
			sS	02 36.00		
			SS	04 48.00		
			ScS	07 02.00		
TAU	39.59	172	eP	56 38.00	0.0	
			eS	02 50.00		
VUN	39.98	114	eP	56 41.60	0.6	
PPI	40.01	274	ePc	56 42.00	0.1	
	0.8s		285.50nm		6.1mb	
MAT	40.03	357	(P)	56 39.00	-2.8	
	1.0s		12.00nm		4.7mb	
Z	20s		3.90um		5.3Msz	
			eS	02 39.00		
IPM	40.09	281	ePd	56 43.80	1.2	
	1.0s		55.40nm		5.3mb	
NJ2	40.95	332	Pc	56 50.00	0.7	
			S	03 02 00		
SNG	41.05	285	eP	56 52.00	1.6	
WHN	42.09	326	eP	56 58.00	-0.7	
PCT	42.63	296	eP	57 05.00	1.6	
CRZ	42.92	139	P	57 07.00	1.5	
NNT	43.42	293	eP	57 14.00	4.2X	
NST	44.15	297	eP	57 22.00	6.3X	
GYA	44.21	315	P	57 18.00	1.7	
TIA	45.19	333	eP	57 24.80	1.0	
			S	04 00.00		
KMI	46.34	310	Pd	57 34.50	1.1	
CHG	46.43	300	eP	57 33.50	-0.4	
MSZ	47.52	153	P	57 43.00	1.0	
SNY	47.76	343	Pd	57 43.70	-0.3	
			pP	57 51.00	24kmX	
			sP	57 54.00		
			S	04 38.00		
XAN	47.76	324	eP	57 43.80	-0.4	
			eS	04 36.00		
MNG	48.54	144	P	57 49.20	-0.9	
TIY	48.62	330	eP	57 51.00	0.2	
			S	04 50.50		
BJI	48.80	335	eP	57 51.00	-1.0	
Z	18s		2.60um		5.3Msz	
N	20s		3.70um			
			esP	58 07.00		
			eS	04 52.00		
			esS	05 12.00		
			eSS	08 20.00		
GNZ	48.88	141	P	57 53.00	0.3	
CD2	48.95	317	eP	57 53.60	0.2	
			eS	04 56.00		
MDJ	49.00	350	Pc	57 53.60	0.1	
			S	04 57.00		
CN2	49.09	346	Pd	57 53.60	-0.7	
			pP	58 02.40	29kmX	
			PcP	59 18.00		
			S	04 52.00		
			ScS	07 42.00		
			eSS	08 19.00		
HHC	51.50	332	P	58 14.00	1.2	
BTO	52.04	331	eP	58 17.50	0.6	
			pP	58 25.50	27kmX	
			S	05 38.00		
LZH	52.19	322	eP	58 15.50	-2.7	
GTA	56.77	323	P	58 50.20	-1.4	
			S	06 41.50		
LSA	57.54	309	eP	59 01.50	3.9X	
PKI	61.30	304	eP	59 23.40	0.0	
	8.0s		12.00nm		4.1mb X	
KKN	61.48	304	eP	59 23.60	-0.9	
	0.9s		29.00nm		5.4mb	
KOD	64.08	283	eP	59 44.50	2.6	
HYB	64.40	291	ePc	59 47.50	3.8X	
GBA	64.68	287	P	59 44.20	-1.2	
GBA	64.68	287	Pc	59 49.90	4.5X	
	1.0s		17.20nm		5.1mb	
ADK	66.25	28	eP	59 54.70	-0.2	
WMQ	66.74	321	eP	59 58.50	0.2	
			sP	00 10.00		
NDI	68.49	303	eP	00 10.00	0.5	

POO	69.01	291	eP	00	13.50	0.6
KSH	72.86	313	eP	00	34.50	-1.4
KDC	81.14	30	P	01	22.00	0.7
TTA	81.59	24	P	01	23.50	-0.3
IMA	83.81	22	P	01	36.00	0.7
PMR	84.07	27	eP	01	36.00	-0.4
	0.7s	2.10nm			4.3mb X	
PME	84.13	27	eP	01	36.20	-0.5
BRW	85.04	17	eP	01	41.80	0.7
COL	85.70	24	eP	01	44.00	-0.5
	1.2s	60.94nm			5.7mb	
FBA	85.70	24	eP	01	44.00	-0.5
SPA	86.37	180	iPc	01	49.20	1.1
	1.2s	232.39nm			6.3mb	
	Z 20s	4.05um			5.8Msz	
SYO	90.48	201	eP	02	09.00	1.7
IR2	91.63	305	eP	02	15.00	1.6
INK	91.94	22	eP	02	14.00	0.0
MBC	95.98	14	eP	02	31.00	-1.5
GAS	97.69	51	P	02	41.80	0.7
PNT	99.33	41	eP	02	57.00	8.9X
YKA	100.17	27	ePdiff	02	52.20	0.6
ALE	100.58	3	ePdiff	02	52.00	-1.1
KEV	101.35	341	ePdiff	03	02.00	5.3X
SOD	102.33	339	ePdiff	03	00.00	-1.1
EUR	102.90	50	iPdiff	03	07.10	2.4
	1.2s	5.66nm			5.2mb	
KJF	102.99	336	ePdiff	03	03.00	-1.1
SUF	104.14	334	iPdiff	03	18.80	9.5X
	1.0s	10.50nm			5.6mb	
ALO	111.07	54	e(PKP)	07	45.00	4.6X
	Z 20s	2.66um			5.8Msz	
KHC	116.09	324	PKPc	07	48.50	-0.9
BHO	120.46	52	ePKP	08	04.50	6.4X
	1.1s	2.90nm				
BSF	120.65	325	ePKP	07	57.00	-1.2
	0.6s	3.60nm				
BNG	121.92	273	ePKPd	08	11.90	10.4X
	1.6s	39.00nm				
		ic		08	17.00	
		ic		09	51.90	
LPG	121.92	323	ePKP	08	00.80	-0.1
LOR	122.61	326	ePKP	08	01.10	-0.7
LBF	122.71	326	ePKP	08	01.10	-1.0
SSF	122.93	326	ePKP	08	01.70	-0.7
	0.8s	4.00nm				
SMF	122.98	326	ePKP	08	01.60	-0.9
TCF	124.11	326	ePKP	08	04.10	-0.7
	0.6s	2.70nm				
LSF	124.51	326	ePKP	08	04.50	-1.0
LPF	124.75	329	ePKP	08	05.30	-0.6
IFR	136.17	317	iPKP	08	31.00	2.6
SLA	142.25	140	e(PKP)	08	36.00	-3.8X
TPZ	144.32	136	PKP	08	45.00	1.4
CNCB	145.44	127	iPKP	08	47.20	1.3
LPB	145.50	126	PKPc+	08	47.10	1.3
		i		08	58.20	
		LR		00	50.00	
ZOBO	145.62	126	PKP+	08	48.20	2.0
	Z 25s	0.93um			5.5MszX	
		LR		00	57.00	
BOG	145.70	87	ePKP	08	47.00	0.8
CCH	146.56	129	PKP	08	54.00	6.6X
ITB7	148.13	155	e(PKP)	08	53.00	3.7X
ITB1	148.45	154	e(PKP)	08	54.20	4.4X
SJG	150.37	59	iPKPd	08	57.40	4.5X
VAO	152.57	165	ePKP	09	03.80	7.7X
		e		09	12.30	
		e		09	15.30	
RDJ	153.39	173	ePKP	09	15.20	18.1X
ITA	153.67	169	ePKP	09	11.60	13.6X
		e		09	23.00	
		e		09	30.30	
BAO	159.15	157	ePKP	09	10.20	5.4X
		i		09	17.10	
		i		09	43.80	
		i		09	52.30	
ATB	165.70	119	e(PKP)	09	22.20	11.1X
SOB1	167.17	175	ePKP	09	01.40	-10.9X
		e		10	17.70	
		e		10	27.70	
ITR	167.60	186	ePKP	09	08.20	-4.4X
		i		10	20.30	
		e		10	29.50	

S.D. = 1.2 on 111 of 144 obs.

DEC 20, 1985 04h 09m 49.25± 0.40s

42.279 N ± 5.4km 19.967 E ± 4.3km

DEPTH = 10.0km (geophysicist)

YUGOSLAVIA (383)

DUR 3.4 (TTG).

PVY	0.32	1	ePg	09	55.00	-0.9
			eSg	10	00.00	
TTG	0.54	286	ePg	09	58.50	-1.8
			eSg	10	08.50	
IVA	0.59	355	ePg	09	59.80	-1.5
			eSg	10	09.50	
ULC	0.62	240	ePg	10	01.60	-0.1
			eSg	10	12.00	
BDV	0.84	271	ePg	10	05.00	-0.6
			eSg	10	19.20	
NKY	0.89	307	ePg	10	05.00	-1.4
			eSg	10	19.00	
SKO	1.14	105	iPn	10	10.00	-0.6
			iSn	10	29.20	
BRY	1.22	301	ePg	10	11.50	-0.6
			eSg	10	30.20	
OHR	1.32	152	iPn	10	12.30	-1.4
VAY	2.17	115	iPn	10	28.00	2.1
KNT	2.46	116	eP	10	30.20	0.1
LIT	2.89	138	ePd	10	36.60	0.4
SOH	2.93	119	eP	10	37.00	0.2
SRS	2.95	112	eP	10	36.90	-0.1
			eS	11	12.30	
OUR	3.59	121	eP	10	45.50	-0.6
PAIG	3.66	129	ePc	10	46.90	-0.2
BUD	5.25	353	ePn	11	09.20	-0.4
CEY	5.28	313	ePn	11	12.00	1.8
	2.0s	786.00nm			6.0mb X	
			eSn	12	15.90	
MLR	5.38	51	ePd	11	12.00	0.3
LJU	5.42	316	e(Pn)	11	13.80	1.7
			e(Sg)	12	45.80	
TRI	5.64	310	ePn	11	17.30	2.2
			iSn	12	20.50	
			i	12	55.20	
SRO	5.66	349	e(P)	11	13.90	-1.4
			e	12	53.20	
VOY	5.76	313	iPn	11	18.20	1.3
			iSn	12	26.30	
			e	13	04.50	
ZST	6.25	342	eP	11	29.80	6.1X
			e	12	37.80	
KBA	6.73	318	e(P)	11	32.00	1.3
	0.7s	8.10nm			4.9mb X	
			i	11	35.20	
			i	13	14.30	
KHC	8.18	329	P	11	51.40	0.6
	1.0s	10.00nm			5.0mb X	
			e	14	45.20	
CVF	8.22	276	eP	11	50.60	-0.7
FRF	9.86	282	eP	12	16.20	2.2
LPG	10.07	293	eP	12	16.60	-0.6
	0.4s	3.00nm			5.1mb X	
SMF	12.32	296	eP	12	46.10	-1.4
LBF	12.32	298	eP	12	44.40	-3.2X
LOR	12.48	299	eP	12	45.70	-4.0X

S.D. = 1.3 on 29 of 32 obs.

DEC 20, 1985 04h 52m 03.32± 0.60s

44.601 N ± 4.3km 111.029 W ± 8.5km

DEPTH = 5.0km (geophysicist)

HEBGEN LAKE REGION (458)

ML 3.0 (NEIS).

IMW	0.71	175	iPc	52	17.30	-0.2
CCMT	1.35	284	ePd	52	29.10	0.2
LCCM	1.37	334	eP	52	28.90	-0.4
TMI	1.45	207	eP	52	30.00	-0.4
SXM	1.55	355	ePn	52	31.80	-0.1
LRM	1.58	321	ePnd	52	32.20	-0.1
HPI	1.73	240	eP	52	34.50	-0.1
BUT	1.78	323	ePg	52	36.50	1.4X
			eSn	52	58.00	
BDW	2.11	149	eP	52	40.50	0.5
HRY	2.18	345	ePn	52	40.50	-0.4
NEW	5.58	313	e(P)	53	30.00	0.9

S.D. = 0.5 on 10 of 11 obs.

DEC 20, 1985 07h 10m 02.16± 1.04s

44.582 N ± 6.3km 2.466 E ± 9.6km

DEPTH = 10.0km (geophysicist)

FRANCE (538)

ML 2.7 (LDG).

CAF	0.45	320	Pg	10	11.60	0.3
			Sg	10	21.40	
LPO	0.92	277	Pg	10	20.20	0.5
	0.2s	24.00nm				
			Sg	10	36.40	
RJF	0.99	317	Pn	10	20.40	-0.5
	0.2s	28.00nm				
			Sn	10	36.40	
LFF	1.28	287	Pn	10	25.20	-0.7
	0.3s	29.00nm				
			Pg	10	27.20	
			Sg	10	48.00	
MZF	1.64	3	Pg	10	30.60	-0.5
	0.3s	8.00nm				
			Sg	10	54.50	
TCF	1.72	354	Pg	10	33.30	1.0
	0.2s	9.00nm				
			Sg	10	58.00	
MLS	1.91	212	ePg	10	34.30	-0.7
			eSg	11	02.50	
BGF	1.99	8	Pg	10	36.00	-0.3
	0.3s	13.00nm				
			Sg	11	04.00	
EPF	2.18	226	Pg	10	40.00	0.9
	0.2s	6.00nm				
			Sg	11	10.40	
LBF	2.62	23	Pn	10	38.80	-6.5X
	0.2s	2.00nm				
			Sg	11	20.00	

S.D. = 0.8 on 9 of 10 obs.

DEC 20, 1985 08h 02m 20.25± 0.66s

42.369 N ± 5.6km 19.862 E ± 5.0km

DEPTH = 10.0km (geophysicist)

YUGOSLAVIA (383)

DUR 3.1 (TTG).

PVY	0.24	20	iPgc	02	25.50	0.0
			iSg	02	30.10	
TTG	0.45	278	iPg	02	29.00	-0.4
			eSg	02	38.50	
IVA	0.50	3	ePg	02	30.10	-0.4
			eSg	02	38.00	
ULC	0.61	229	ePg	02	32.00	-0.6
			eSg	02	42.00	
BDV	0.77	264	iPg	02	35.50	0.2
			eSg	02	48.70	
HCY	1.01	275	iPg	02	40.00	0.6
			iSg	02	56.00	
BRY	1 11	299	iPg	02	41.50	0.3
			eSg	03	00.20	
SKO	1.24	108	iPn	02	39.50	-3.8X
			i	02	44.00	
			iSn	02	56.50	
OHR	1.44	151	iPn	02	42.60	-3.8X
VAY	2.28	116	iPn	02	58.70	0.2
VTS	2.48	84	iP	03	07.00	5.7X
BEO	2.49	10	ePn	03	08.50	7.1X
			iSg	03	38.00	
MMB	2.99	104	iPd	03	15.00	6.5X
PVL	3.99	77	eP	03	37.00	14.3X
KDZ	4.15	98	eP	03	41.00	15.9X
CEY	5.17	313	ePn	03	42.50	3.0X
			eSn	04	45.40	
VOY	5.64	313	iPn	03	46.20	0.0
			iSn	04	56.10	
KHC	8.06	329	eP	04	24.00	3.8X

S.D. = 0.4 on 9 of 18 obs.

• DEC 20, 1985 08h 18m 04.10± 0.90s

22.026 S ± 7.7km 68.987 W ±13.9km

DEPTH = 151.6 ± 15.7 km

NORTHERN CHILE (123)

ANT	2.13	218	iP	18	41.70	0.5
			iS	19	05.20	
TPZ	3.09	80	iP	18	54.30	0.7
SLA	4.19	131	ePc	19	07.80	0.1
CNCB	5.28	11	P	19	22.50	-0.1
			S	20	05.00	
LPB	5.53	9	eP	19	25.00	-0.9
ZOBO	5.78	8	iP	19	29.80	0.4
	0.8s	15.05nm			4.3mb X	
			S	20	18.00	
VCA	6.72	174	ePd	19	41.00	-0.7

20d 08h

ITB1	13.66	104	Pd	21 11.70	-1.0
VAO	20.37	97	e(P)	22 22.00	-8.7X
VAO	20.37	97	eP	22 29.10	-1.6
BAO	20.85	76	iPd	22 35.50	-0.1
ITA	22.48	95	eP	22 54.50	2.7

S.D. = 1.4 on 11 of 12 obs.

? DEC 20, 1985 08h 29m 26.25± 1.37s
21.416 S ±21.6km 179.024 W ±16.2km
DEPTH = 588.4 ± 14.9 km
4.2mb (4 obs.)
FIJI ISLANDS REGION (181)

VUN	4.14	325	iPc	30 52.00	-0.3
NOU	13.52	264	iPd	32 24.40	4.4X
DZM	13.52	265	iPc	32 21.00	0.9
CTA	32.46	266	iPd	35 11.60	0.7
	0.6s		7.00nm	4.5mb	
ASPA	43.39	258	eP	36 39.00	-0.7
WRA	43.53	263	iPd	36 40.30	-0.5
NAU	60.27	256	iPd	38 40.80	-0.2
	0.3s		7.00nm	4.4mb	
SPA	68.71	180	iPd	39 33.40	-0.1
	0.6s		2.85nm	4.0mb	
PNT	87 95	34	iP	41 16.00	0.9
ALO	88.72	52	eP	41 19.30	0.1
	1.0s		2.50nm	4.1mb	
COL	89.34	13	iP	41 20.50	-0.7
NB2	139.76	352	PKP	47 41.80	-7.2X
	0.8s		2.70nm		
EKA	145.99	4	PKP	48 01.00	1.2X
	0.8s		8.20nm		
MEM	150.60	353	PKP	48 13.10	6.1X
DOU	151.24	355	PKPc	48 14.80	6.8X

S.D. = 0.7 on 10 of 15 obs.

• DEC 20, 1985 08h 44m 21.09± 1.60s
51.060 N ±15.1km 13.996 E ± 9.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.7 (VKA), 3.1 (K8A).

BRG	0.19	190	iPgc	44 26.40	1.1
			iSg	44 29.90	
KSP	1.47	98	iPg	44 48.00	0.4
			iS	45 08.00	
MOX	1.56	256	ePn	44 49.00	0.0
			iSg	45 09.60	
VKA	3.18	151	i(Pg)	45 11.60	-0.5
			iSg	45 52.30	
ZST	3.51	144	eP	45 59.90	43.2X
KBA	4.01	186	eP	45 23.00	-1.0
			i	46 13.20	
			iSg	46 14.70	

S.D. = 1.2 on 5 of 6 obs.

DEC 20, 1985 09h 32m 31.68± 0.81s
33.205 S ± 7.7km 68.541 W ± 8.3km
DEPTH = 33.0km (normal)
MENDOZA PROVINCE, ARGENTINA (139)
Felt (III) at Mendoza.

RTCV	1.34	0	ePc	33 02.20	7.9X
			S	33 27.00	
FCH	1.47	265	iPd	32 55.20	-1.2
			iS	33 13.50	
CFA	1.61	9	ePd	32 58.50	0.2
			S	33 19.80	
ZON	1.66	356	eP	33 00.00	1.1
			eS	33 20.00	
RTCB	1.73	353	iPc	33 00.30	0.3
PEL	1.80	271	iPc	33 00.90	-0.1
			iS	33 27.60	
TACH	2.05	257	iPc	33 05.50	0.9
VCA	4.46	4	ePc	33 39.00	0.1
			S	34 37.00	
VBA	7.21	134	ePd	34 17.70	0.2
SLA	8.86	18	e(P)	34 38.80	-1.7

S.D. = 1.1 on 9 of 10 obs.

DEC 20, 1985 10h 45m 29.97± 1.04s
39 168 N ± 8 0km 25.980 E ±10.5km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

EZN	0.71	22	iPg	45 44.50	0.6
			eSg	45 52.50	
IZM	1.26	127	iPn	45 53.50	0.0
EDC	1.87	50	iPn	46 02.70	0.4
KCT	2.13	59	ePn	46 05.70	-0.3
KDZ	2.52	349	iP	46 13.00	1.4
YER	2.72	137	ePn	46 14.80	0.2
DIM	2.89	354	eP	46 17.00	0.1
YLV	2.96	61	ePn	46 25.20	7.2X
MMB	2.97	325	iPd	46 17.00	-1.0
DMK	2.98	27	iPn	46 16.50	-1.6
ISK	3.03	50	ePn	46 25.70	6.9X
HRT	3.28	59	ePn	46 32.00	9.5X
VAY	3.38	311	ePn	46 35.00	11.2X
GPA	3.52	70	ePn	46 32.00	6.1X
PVL	4.02	352	eP	46 33.00	0.1

S.D. = 0.9 on 10 of 15 obs.

DEC 20, 1985 10h 58m 48.28± 0.73s
18.312 S ± 9.8km 177.780 W ± 8.2km
DEPTH = 617.5 ± 9.1 km
4.8mb (12 obs.)
FIJI ISLANDS REGION (181)

VUN	3.58	274	eP	00 12.10	-0.6
NDF	4.57	276	eP	00 21.00	1.6
DZM	15.27	253	iPc	01 59.10	0.3
NOU	15.32	252	iPc	01 53.50	-5.6X
CRZ	18.17	206	P	02 27.00	1.1
GNZ	20.59	189	P	02 48.00	-0.1
MNG	22.98	193	P	03 07.80	-1.8
CAN	33.94	233	eP	04 44.50	0.7
CTA	33.97	261	iPd	04 44.00	-0.2
	0.8s		29.10nm	5.0mb	
WAM	34.35	232	eP	04 48.30	1.2
PMG	35.12	280	eP	04 54.00	0.4
WRA	45.15	260	iPd	06 12.20	-1.4
ASPA	45.26	255	eP	06 18.00	3.6X
	1.1s		60.00nm	5.0mb	
KNA	51.03	264	P	06 56.20	-1.2
WBN	51.77	251	iPc	07 01.50	-1.2
MBL	58.46	256	eP	07 47.00	-2.1
MEK	58.92	250	eP	07 51.00	-1.1
NAU	62.22	254	iPd	08 12.90	-0.6
MAT	68.59	323	iPc	08 51.10	-1.6
	0.5s		17.61nm	4.8mb	
SPA	71.80	180	iPc	09 11.60	0.3
	0.6s		20.70nm	4.8mb	
SYP	76.01	46	eP	09 49.00	13.8X
SAD	76.30	43	eP	09 36.60	0.0
PRI	76.46	44	eP	09 38.20	0.6
MHC	76.51	43	eP	09 38.30	0.4
MWC	77.17	47	eP	09 42.00	0.4
BAR	77.33	49	eP	09 42.00	-0.2
PLM	77.55	49	eP	09 43.00	-0.6
FRI	77.57	44	eP	09 43.50	0.1
SBB	77.58	47	eP	09 35.00	-8.6X
JAS1	77.64	43	iPd	09 43.90	0.2
ISA	77.67	46	eP	09 44.00	0.0
WDC	77.87	40	eP	09 45.00	0.1
ORV	77.90	41	eP	09 44.90	-0.2
MIN	78.30	40	eP	09 46.80	-0.5
CWC	78.36	45	eP	09 45.00	-2.8
GSC	78.62	47	eP	09 50.00	1.0
NJ2	78.65	309	P	09 49.80	0.7
GLA	78.86	50	eP	09 51.00	0.7
MDJ	78.86	325	iPc	09 50.50	0.6
CN2	80.70	322	Pd	09 59.30	-0.2
BMN	81.10	42	iP	10 02.00	0.2
WHN	81.32	306	Pc	10 03.50	0.6
EUR	81.40	44	iP	10 03.50	0.0
	0.1s		25.86nm	5.7mb	
IPM	83.10	277	ePd	10 12.70	0.5
	0.9s		36.40nm	4.9mb	
PSI	84.48	275	iPc	10 19.80	0.8
	0.9s		33.20nm	5.0mb	
BJI	84.49	315	eP	10 19.00	0.6
PNT	84.73	34	iP	10 20.00	0.5
	0.8s		25.00nm	4.9mb	
NEW	85.49	36	P	10 22.50	-0.6
	9.6s		2.56nm	4.1mb	
LTX	85.71	57	iP	10 26.20	1.5
	0.8s		11.82nm	4.6mb	
ALQ	85.88	51	eP	10 25.30	-0.2
	1.0s		6.75nm	4.3mb	
TIY	85.98	312	P	10 26.60	0.8
COL	88.07	12	eP	10 24.00	-1.5
LRM	86.90	40	eP	10 30.00	-0.2
XAN	86.98	307	Pc	10 31.60	1.0
BDW	87.23	43	iP	10 31.60	-0.2
	1.0s		8.40nm	4.4mb	
EDM	90.17	33	eP	10 44.00	-0.8
INK	92.12	15	eP	10 52.00	-1.4
RSNT	94.44	25	eP	11 03.30	-0.8
YKA	94.45	25	eP	11 03.70	-0.5
GTA	95.75	309	P	11 11.00	0.2
KJF	131.00	346	iPKP	16 51.00	-0.8
	0.6s		19.60nm		
SUF	132.63	345	iPKP	16 53.20	-1.7
	0.5s		2.50nm		
NUR	134.90	345	ePKP	16 57.00	-2.3
NB2	136.84	354	PKP	16 52.00	-11.1X
	0.5s		1.90nm		
HFS	137.42	352	ePKP	16 53.30	-10.8X
	0.2s		1.50nm		
KRA	145.29	340	iPKPc	17 18.60	0.7
	0.4s		55.00nm		
WIT	145.39	355	ePKP	17 19.50	1.3
KSP	145.66	344	ePKP	17 18.50	-0.2
	0.6s		66.00nm		
			id	17 20.50	
CLL	145.98	348	iPKPd	17 21.10	1.9
	0.7s		160.00nm		
WTS	146.19	355	ePKP	17 17.50	-2.0
	1.0s		79.00nm		
			e	17 21.50	
BRG	146.20	347	iPKPd	17 21.70	2.1
	0.9s		38.00nm		
			i	17 24.00	
HRI	146.52	303	iPKP	17 23.50	2.7
MOX	146.88	349	ePKP	17 23.00	2.3
	1.3s		29.00nm		
PRU	146.89	345	PKP	17 23.40	2.7
			e	17 26.70	
JER	147.40	301	iPKPc	17 26.00	3.8X
ENN	147.48	356	ePKPc	17 25.00	3.4X
	1.0s		40.00nm		
			e	17 29.00	
MEM	147.64	355	PKP	17 25.20	3.4X
SRO	147.77	339	iPKP	17 25.20	3.0X
ZST	147.82	341	iPKP	17 26.20	4.0X
GRF	147.87	349	iPKPc	17 29.70	7.4X
GRF	147.87	349	ePKP	17 26.40	4.1X
KHC	147.91	346	PKP	17 22.00	-0.4
	1.0s		32.00nm		
			i	17 26.30	
			e	17 49.20	
PRNI	147.94	298	iPKP	17 27.50	4.5X
DOU	148.23	357	PKP	17 26.60	3.8X
WLF	148.56	355	PKP	17 28.20	4.9X
BHG	149.40	346	iPKPc	17 29.70	5.0X
FLN	149.55	4	iPKPc	17 29.50	4.7X
CDF	149.70	353	ePKP	17 30.30	5.1X
LDF	149.74	3	iPKPc	17 29.90	4.8X
KBA	149.89	345	iPKPc	17 30.20	4.5X
	0.8s		19.50nm		
GRR	149.90	4	iPKPc	17 30.60	5.2X
HAU	150.19	354	ePKP	17 31.30	5.4X
LPF	150.24	4	iPKPc	17 31.20	5.3X
BSF	150.32	354	ePKP	17 31.60	5.4X
VOY	150.71	343	ePKP	17 26.30	-0.5
			e	17 32.20	
			e	17 41.50	
GRC	151.09	359	iPKPd	17 33.80	6.6X
			i	17 43.90	
LOR	151.09	358	iPKPc	17 33.50	6.2X
SSF	151.31	358	iPKPc	17 34.10	6.5X
LBF	151.37	357	iPKPc	17 34.00	6.3X
AVF	151.58	358	ePKP	17 34.00	6.1X
MFF	151.72	3	iPKPc	17 34.50	6.4X
BGF	151.83	359	iPKPc	17 35.30	7.0X
TCF	152.10	0	iPKPc	17 35.40	6.7X
LSF	152.13	1	iPKPc	17 35.30	6.5X
MZF	152.17	359	ePKP	17 36.10	7.3X
LPG	152.63	353	iPKPc	17 38.00	8.1X
CAF	153.46	0	iPKPc	17 38.80	8.1X
LPO	153.69	2	iPKPc	17 39.10	8.2X

S.D. = 1.2 on 70 of 108 obs.

DEC 20, 1985 11h 18m 37.20± 0.87s
42.257 N ± 6.0km 19.981 E ± 5.9km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)

PVY	0.34	359	ePg	18 43.80	-0.4
			eSg	18 49.00	

TTG	0.56	288	ePg	18	47.50	-1.1
			eSg	18	56.50	
IVA	0.62	354	ePg	18	49.50	-0.2
			eSg	18	58.00	
ULC	0.62	242	ePg	18	50.40	0.7
			eSg	19	00.50	
BDV	0.86	272	ePg	18	53.70	0.0
			eSg	19	07.00	
NKY	0.91	308	ePg	18	54.50	-0.3
			eSg	19	08.00	
HCY	1.12	280	iPgc	18	58.50	0.4
			eSg	19	15.10	
BRY	1.24	302	ePg	19	00.40	0.0
			eSg	19	19.00	
OHR	1.30	152	ePn	18	59.60	-1.7
			iSn	19	18.00	
OHR	1.30	152	ePn	19	04.10	2.8X
VAY	2.15	115	ePn	19	15.00	1.4
BEO	2.59	8	eP	19	32.30	12.5X
CEY	5.31	313	e(Pn)	20	01.90	3.5X
			e(Sn)	21	04.60	
VOY	5.78	313	ePn	20	06.10	1.0

S.D. = 1.0 on 11 of 14 obs.

DEC 20, 1985 11h 41m 02.63± 0.88s
10.181 N ± 4.7km 92.806 E ± 5.2km
DEPTH = 64.1 ± 8.3 km
4.9mb (15 obs.)
ANDAMAN ISLANDS REGION (703)

BSI	5.27	152	ePc	42	18.00	-2.7
			eS	43	18.00	
NNT	7.20	70	iPn	42	48.00	0.4
			eSg	44	11.20	
KHT	7.27	50	ePc	42	49.30	0.7
			e	52	41.40	
SNG	8.28	111	iPg	43	03.00	0.5
			eSg	44	19.00	
TSI	8.76	139	e(P)	43	11.50	2.4
NST	8.99	52	eP	43	12.50	0.2
BDT	9.25	40	eP	43	17.00	1.2
	1.0s	103.50nm			5.7mb	X
PCT	9.52	61	eP	43	20.50	1.0
PSI	9.60	140	eP	43	23.00	2.3
	0.6s	61.40nm			5.8mb	X
IPM	9.87	124	ePd	43	22.80	-1.5
	0.6s	38.70nm			5.6mb	X
			e	45	05.40	
			e	46	03.00	
CHG	10.44	34	iPc	43	32.00	-0.1
	1.0s	81.50nm			5.7mb	X
LOE	11.25	49	eP	43	44.00	0.9
PPI	12.99	144	eP	44	10.00	3.9X
KGM	13.22	127	eP	44	09.00	-0.2
KOD	15.10	272	eP	44	33.30	-0.7
			eS	47	07.80	
GBA	15.42	284	Pd	44	36.00	-1.8
	0.7s	16.20nm			4.3mb	
HYB	15.59	299	eP	44	44.00	3.9X
	1.0s	50.00nm			4.6mb	
			e	44	56.00	
			e	47	18.50	
			eS	47	30.50	
KMI	17.60	31	eP	45	05.00	-0.4
PKI	18.65	339	eP	45	18.40	0.1
DMN	18.79	338	eP	45	20.30	0.3
KKN	18.90	339	eP	45	20.80	-0.3
	1.1s	78.00nm			4.8mb	
LSA	19.48	356	P	45	26.00	-1.8
			eS	49	04.00	
POO	20.14	296	eP	45	34.00	-0.3
			iS	49	21.00	
GYA	20.83	37	P	45	40.60	-0.8
BOM	21.18	296	eP	45	45.00	0.1
			eS	49	32.00	
GZH	23.45	54	Pd	46	08.00	0.8
			eS	50	14.00	
NDI	23.51	324	eP	46	07.00	-0.7
HKC	23.75	57	eP	46	12.00	1.9
			e(S)	50	45.00	
LZH	27.67	20	iPd	46	47.00	0.3
	1.5s	117.00nm			5.3mb	
BAG	27.71	74	eP	46	47.00	-0.3
SZP	27.80	72	eP	46	45.50	-2.4
XAN	27.97	29	Pc	46	46.80	-2.5
WHN	28.50	42	eP	46	54.40	0.3
GTA	29.77	11	iPc	47	05.30	-0.3
NJ2	32.46	44	Pc	47	30.00	1.0
TIY	32.61	30	eP	47	29.80	-0.6
			S	52	39.50	
WMQ	33.81	353	P	47	42.00	1.3
			eS	53	06.50	
BTO	33.91	24	eP	47	41.00	-0.7
TIA	34.02	37	eP	47	41.80	-0.8
HHC	34.76	25	Pc	47	48.60	-0.4
BJI	36.26	31	eP	48	01.50	0.0
DL2	38.48	37	eP	48	20.00	-0.2
SNY	41.51	35	eP	48	44.60	-0.5
			eS	54	51.00	
CN2	43.83	34	iPc	49	03.40	-0.7
			eS	55	30.00	
IR2	45.69	311	eP	49	21.00	1.8
MUN	47.52	153	eP	49	52.00	18.5X
NWAO	48.79	152	eP	49	41.00	-2.3
WRA	50.67	126	Pd	49	56.10	-1.8
	0.8s	29.40nm			5.4mb	
ASPA	52.40	130	eP	50	09.00	-2.0
	0.8s	39.00nm			5.5mb	
CTA	60.59	120	iPd	51	08.80	-0.5
	1.0s	16.50nm			5.1mb	
ADE	62.45	138	iPc	51	21.50	-0.2
	0.6s	28.00nm			5.5mb	
STK	62.64	134	eP	51	22.00	-0.9
MLR	66.61	315	eP	51	50.00	1.3
YOU	68.75	133	eP	52	01.90	-0.2
			e	52	11.20	
BRS	69.04	124	P	52	04.10	0.1
COO	69.68	128	eP	52	08.00	0.2
CAN	69.70	134	eP	52	07.70	-0.2
			e	52	21.50	
BUL	69.97	244	iPd	52	11.40	1.5
	1.1s	13.92nm			4.8mb	
WAM	70.05	134	eP	52	11.30	1.4
KJF	70.16	335	eP	52	09.00	-1.1
SUF	70.39	333	eP	52	11.00	-0.5
NUR	70.50	331	eP	52	09.00	-3.2X
KRA	71.26	319	eP	52	16.30	-0.8
SOD	71.59	338	iP	52	18.50	-0.2
SRO	72.11	317	e(P)	52	39.50	17.3X
TAU	72.50	141	eP	52	26.00	1.5
ZST	72.95	317	eP	52	27.20	0.1
KSP	73.66	320	eP	52	30.00	-1.2
BNG	73.75	272	iPd	52	32.60	0.1
	0.8s	14.00nm			4.9mb	
			ic	52	50.20	
			ic	53	05.10	
			ic	53	32.00	
PRU	74.73	319	eP	52	39.50	2.1
			e	52	57.20	
BRG	75.15	320	eP	52	58.80	19.1X
	1.3s	28.00nm				
SWZ	75.16	238	eP	52	41.50	1.0
	0.5s	10.56nm			5.0mb	
KHC	75.33	318	Pc	52	42.50	1.6
CLL	75.75	320	eP	53	02.00	18.8X
HFS	75.81	330	eP	52	42.50	-0.8
	0.4s	3.20nm			4.6mb	
MOX	76.62	320	eP	53	05.50	17.4X
	1.7s	34.00nm				
GRF	76.87	319	e(P)	52	53.00	3.5X
NB2	77.09	330	P	52	49.00	-1.5
	0.7s	2.40nm			4.3mb	
DZM	78.95	115	iPc	52	45.00	-16.5X
NOU	79.02	115	iPc	52	48.00	-13.8X
CDF	79.51	318	eP	53	14.30	10.2X
LPG	80.07	315	eP	53	09.30	1.9
	0.7s	12.10nm			4.9mb	
HAU	80.16	317	eP	53	15.90	8.4X
LBF	81.85	316	eP	53	15.70	-0.7
	0.8s	7.20nm			4.7mb	
LOR	81.90	317	eP	53	18.90	2.3
GRC	82.43	317	iPc	53	29.10	9.8X
			i	53	39.70	
DAG	84.98	348	eP	53	30.00	-1.7
MSZ	86.71	136	P	53	41.00	0.3
ALE	86.75	357	eP	53	41.00	0.6
MBC	91.66	7	eP	54	04.00	0.4
COL	92.71	22	eP	54	09.00	0.3
INK	95.15	16	eP	54	20.00	0.2
ALQ	131.56	21	e(PKP)	00	13.00	2.6
RLO	133.32	9	e(PKP)	00	11.20	-2.3
SOB1	134.38	267	e(PKP)	00	18.00	1.9
BHO	135.09	9	ePKP	00	18.70	1.8
	8.0s	1.00nm				
JCT	137.80	16	ePKP	00	20 50	-1 7
	1.0s	8.00nm				
ATB	144.63	279	PKPd	00	32.30	-2 3
TPZ	156.52	239	ePKP	01	10.00	17.3X
CCH	158.35	248	(PKP)	01	02.00	7 1X
CNCS	160.20	249	PKP	01	00.00	2.7
LPB	160.39	249	(PKP)	01	08.00	10.7X
ZOBO	160.48	250	ePKP	01	05.00	7.4X

S.D. = 1.3 on 85 of 103 obs.

• DEC 20, 1985 11h 49m 40.09± 0.62s
10.261 S ± 9.2km 160.882 E ± 9.5km
DEPTH = 33.0km (normal)
4.6mb (5 obs.)
SOLOMON ISLANDS (193)

HNR	1.24	312	eP	50	00.00	-1.1
			eS	50	26.00	
SVO	1.52	316	eP	50	07.00	1.7
			eS	50	16.00	
VSG	1.53	311	iP	50	06.00	0.6
			iS	51	14.00	
CTA	17.15	234	iPc	53	40.10	1.1
	1.0s	10.50nm			3.9mb	
RMQ	19.80	214	iPd	54	11.60	0.8
WRA	27.33	246	Pc	55	23.80	-0.4
	0.5s	4.10nm			4.3mb	
KNA	31.74	257	eP	56	02.20	-1.3
MBL	40.86	250	eP	57	19.50	-1.3
SPA	79.81	180	iPd	01	46.80	0.3
	0.9s	8.18nm			4.7mb	
COL	84.13	20	eP	02	07.00	-1.8
	0.8s	9.33nm			5.0mb	
BMN	90.48	49	eP	02	41.10	0.9
EUR	91.22	50	iP	02	44.50	0.8
	0.2s	11.72nm			5.9mb	X
YKA	96.49	28	eP	03	07.20	0.1
ALQ	97.96	56	eP	03	31.00	16.4X
	1.0s	7.50nm				
LTX	99.67	62	eP	03	22.10	-0.2
	1.0s	2.20nm			4.6mb	
ZOBO	124.81	118	ePdiff	05	02.00	-13.3X
	Z 25s	0.65um			5.2MszX	
			LR	58	36.00	
TLB	127.02	319	iPdiff	04	46.00	-37.7X
BNG	142.22	264	iPKPd	09	06.10	-5.9X
	0.7s	6.00nm				
SOB1	150.95	131	iPKPc	09	30.70	4.6X

S.D. = 1.1 on 14 of 19 obs.

DEC 20, 1985 12h 16m 10.77± 0.71s
10.397 S ± 4.8km 161.228 E ± 5.1km
DEPTH = 89.1 ± 6.8 km
5.0mb (6 obs.)
SOLOMON ISLANDS (193)
Felt at Honiora, Guadalcanal.

HNR	1.58	307	eP+	16	37.00	-1.0
			eS	16	56.00	
SVO	1.86	312	eP	16	41.00	-0.7
			eS	16	47.00	
VSG	1.88	307	iP	16	41.00	-0.9
			iS	17	38.00	
PAA	6.98	305	eP	17	54.00	1.6
			eS	18	36.00	
BGA	7.32	305	eP	18	05.00	7.9X
			eS	18	36.00	
ALOA	10.68	270	eP	18	45.00	2.4
DZM	12.64	157	iPc	19	07.20	-1.5
			iS	21	19.00	
NOU	12.86	158	iPc	19	11.80	0.3
			iS	21	26.00	
PMG	13.90	273	eP	19	26.00	0.9
MDG	16.13	287	eP	19	42.00	-11.6X
MDG	16.13	287	e(P)	20	02.00	8.4X
NDF	17.34	117	eP	20	10.50	1.8
CTA	17.35	235	iPd	20	10.10	1.3
	1.1s	113.92nm			5.0mb	
			i	20	24.40	
			iS	23	24.00	
VUN	18.33	116	ePc	20	20.00	-0.8
BRS	18.69	204	iPc	20	24.60	-0.3
			i	20	36.00	
			eS	23	55.00	
RMQ	19.88	215	eP	20	38.00	0.5
			e	20	54.00	
COO	21.88	202	eP	20	58.00	0.3

20d 12h

YOU	26.52	204	eP	21 42.10	0.2
			i	22 02.00	
CAN	27.20	202	eP	21 48.00	0.0
			e	21 56.60	
			i	22 30.90	
WB2	27.58	247	eP	21 51.00	-0.7
			e	22 04.70	
WRA	27.59	247	Pd	21 50.90	-0.9
	0.9s	16.10nm		4.6mb	
WAM	28.02	202	eP	21 55.90	0.6
			e	22 24.70	
STK	28.05	217	eP	22 05.00	9.3X
GNZ	31.89	155	eP	22 48.00	18.3X
KNA	32.04	257	eP	22 31.10	-0.1
MNG	32.64	160	P	22 35.00	-1.2
MSZ	34.63	172	P	22 52.00	-1.3
WBN	36.29	240	eP	23 08.00	0.4
			e	23 28.00	
MBL	41.13	250	eP	23 47.70	-0.2
MEK	43.34	242	eP	24 06.00	0.1
MRWA	46.15	239	eP	24 28.00	-0.3
NWAO	46.19	234	eP	24 28.00	-0.6
MUN	46.73	236	eP	24 32.00	-0.8
KKM	47.71	288	ePd	24 54.40	13.6X
MAT	51.47	336	eP	25 07.00	-2.2
	1.0s	15.00nm		5.0mb	
SHK	52.25	330	eP	25 13.60	-1.4
SSE	56.36	318	eP	25 54.00	8.9X
PPI	61.26	275	eP	26 18.00	-1.3
PSI	63.36	278	eP	26 36.00	2.7
LOE	64.95	295	eP	27 00.10	16.6X
BJI	65.25	323	eP	27 02.00	17.0X
KMI	67.02	303	eP	27 01.50	4.5X
CHG	67.92	295	eP	27 19.00	16.6X
LZH	71.07	314	eP	27 40.00	18.4X
SPA	79.67	180	iPc	28 09.80	-0.1
	1.0s	35.00nm		5.2mb	
PME	81.59	22	eP	28 18.50	-1.3
			e	28 38.40	
PKI	82.45	300	eP	28 25.20	-0.2
KKN	82.62	300	eP	28 26.00	-0.2
IMA	83.13	17	eP	28 27.50	-0.4
			e	28 46.80	
COL	84.14	19	eP	28 32.00	-0.8
	0.8s	7.46nm		4.7mb	
			i	38 50.60	
FBA	84.14	19	eP	28 32.00	-0.8
			e	28 50.50	
HYB	86.19	288	eP	29 01.00	17.0X
SYP	86.75	54	eP	28 48.00	1.4
			e	29 07.00	
JAS1	87.29	51	eP	28 49.60	0.7
			e	29 09.50	
MWC	88.21	55	eP	28 55.00	1.3
			e	29 13.00	
ISA	88.23	53	eP	28 55.00	1.4
PLM	88.98	56	eP	28 58.00	0.6
			e	29 17.00	
BAR	88.99	57	eP	28 58.00	0.8
GSC	89.47	54	eP	29 06.00	6.5X
TPC	89.81	55	eP	29 01.00	0.0
			e	29 20.00	
BMN	90.31	49	eP	29 04.50	1.1
			i	29 22.80	
GLA	90.58	57	eP	29 05.00	0.4
INK	90.76	20	eP	29 04.00	-0.6
INK	90.76	20	eP	29 22.00	17.4X
EUR	91.04	50	iP	29 07.50	0.7
	0.5s	9.04nm		5.3mb	
YKA	96.45	28	eP	29 30.90	0.1
ALQ	97.75	56	eP	29 38.50	0.9
			e	29 58.00	
CNCB	124.34	119	ePKP	35 02.00	-0.5
LPB	124.35	118	ePKP	35 01.00	-1.4
Z	25s	0.60um		5.2MszX	
			LR	59 20.00	
BNG	142.55	264	iPKPd	35 31.10	-5.0X
	0.7s	14.00nm			
			id	35 50.80	
ATB	144.02	110	PKPd	35 25.00	-13.6X
SOB1	150.61	131	ePKP	35 53.50	4.3X
			e	35 56.50	
			e	36 12.90	
IFR	153.80	333	ePKP	36 08.00	14.5X
S.D. = 1.1 on 54 of 73 obs.					

* DEC 20, 1985 14h 28m 28.82± 0.68s
28.099 N ±11.8km 140.720 E ±12.3km
DEPTH = 33.0km (normal)
4.9mb (2 obs.)

BONIN ISLANDS REGION (212)

CBI	1.64	127	eP	28 56.00	0.3
			eS	29 20.00	
MAT	8.68	346	(P)	30 34.00	-1.1
	1.0s	25.00nm		5.3mb X	
BJI	23.48	307	eP	33 35.50	-0.8
			eS	37 48.00	
			eSS	38 36.00	
WRA	48.16	188	Pd	37 06.20	-1.7
	1.0s	12.00nm		4.9mb	
PKI	48.54	283	eP	37 12.20	0.8
KKN	48.60	283	eP	37 12.80	1.1
	1.0s	10.00nm		4.8mb	
DMN	48.80	283	eP	37 13.60	0.4
INK	62.66	25	eP	38 52.00	-0.1
YKA	71.88	28	eP	39 51.20	1.0
S.D. = 1.2 on 9 of 9 obs.					

& DEC 20, 1985 14h 46m 49.90s
61.912 N 150.410 W
DEPTH = 65.3km

SOUTHERN ALASKA (2)
<AGS-P>.

PWA	0.36	136	eP	47 00.90	-0.3
SUA	0.48	200	iP	47 02.13	-0.3
			iS	47 12.16	
SKT	0.53	278	iP	47 01.93	-0.9
PLRM	0.69	117	iP	47 03.76	-0.7
PME	0.71	113	eP	47 04.30	-0.5
GHO	0.72	101	iP	47 04.70	-0.3
			iS	47 16.47	
PMS	0.78	148	eP	47 05.10	-0.6
SML	0.99	95	iP	47 07.79	-0.6
CRP	1.06	233	iP	47 08.85	-0.5
			iS	47 23.17	
SPU	1.08	228	iP	47 09.04	-0.4
NKA	1.24	199	eP	47 12.71	1.2
PTE	1.25	147	iP	47 10.96	-0.7
SLKM	1.41	176	eP	47 13.08	-0.9
PWL	1.45	136	iP	47 13.72	-0.8
			iS	47 32.24	
CFI	1.46	119	iP	47 14.06	-0.5
			iS	47 33.31	
SCM	1.46	92	iP	47 14.23	-0.5
MPA	1.52	160	iP	47 14.62	-0.7
RDT	1.65	217	iP	47 16.68	-0.6
SEW	1.87	165	eP	47 20.20	-0.1
GLI	1.90	122	iP	47 19.40	-1.3
LOU	1.98	136	iP	47 19.58	-2.1
			iS	47 44.33	
TOA	2.01	83	eP	47 22.40	0.2
VZW	2.04	113	iP	47 21.63	-1.0
ILM	2.09	215	iP	47 22.81	-0.6
VLZ	2.11	110	iP	47 22.05	-1.4
BRLK	2.17	186	eP	47 25.45	1.0
KLU	2.18	99	iP	47 23.62	-1.0
FID	2.23	120	iP	47 23.45	-1.7
			iS	47 49.58	
SVW	2.63	254	eP	47 29.50	-1.3
TTA	2.80	294	eP	47 31.70	-1.6
GLB	3.18	96	iP	47 37.32	-1.3
COL	3.22	20	iP	47 37.70	-1.5
FBA	3.22	20	eP	47 37.70	-1.5
BALM	3.97	99	iP	47 47.93	-1.8
IMA	4.41	342	eP	47 54.50	-1.5
CTGM	4.46	98	iP	47 55.17	-1.5
YAH	4.48	106	eP	47 54.70	-2.3
INK	9.55	41	eP	49 06.00	-1.0
38 obs. associated					

& DEC 20, 1985 14h 52m 56.01s
60.192 N 152.482 W
DEPTH = 91.1km

SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.17	267	eP	53 08.66	1.0
			iS	53 19.25	
RDT	0.39	6	iP	53 09.84	-0.5
			iS	53 21.42	
NKA	0.83	48	iP	53 15.61	1.5
			iS	53 29.09	
BRLK	0.91	117	iP	53 [illegible].45	-0.6
			iS	53 29.83	
SPU	1.02	12	iP	53 15.26	-1.0
CRP	1.09	8	iP	53 [illegible]6 37	-0.9
			iS	53 32.85	
SLKM	1.17	73	iP	53 17.11	-1.6
SEW	1.52	92	eP	53 20.98	-1.4
SUA	1.53	33	iP	53 22.12	-0.7
			iS	53 42.73	
MPA	1.58	78	iP	53 22.02	-1.2
PMS	1.78	52	iP	53 24.75	-1.2
PTE	1.84	67	eP	53 24.89	-1.7
SKT	1.85	14	eP	53 25.14	-1.7
PWA	1.94	40	eP	53 26.99	-0.9
PWL	2.16	70	iP	53 28.50	-2.4
GHO	2.35	46	eP	53 31.71	-1.9
			iS	53 [illegible].82	
KNIM	2.37	84	iP	53 30.71	-3.1
MTU	2.43	93	iP	53 32.75	-1.8
CFI	2.52	65	eP	53 34.41	-1.[illegible]
			iS	54 03.92	
SML	2.59	49	eP	53 34.43	-2.4
GLI	2.75	73	eP	53 36.83	-2.1
FID	3.02	77	iP	53 40.34	-2.4
			iS	54 13.33	
VZW	3.05	71	eP	53 41.77	-1.3
VLZ	3.17	70	eP	53 42.64	-2.0
KLU	3.47	65	iP	53 45.88	-3.0
25 obs. associated					

DEC 20, 1985 15h 53m 49.69± 0.69s
50.211 N ± 6.6km 12.469 E ± 6.2km
DEPTH = 10.0km (geophysicist)

GERMANY (543)
ML 1.8 (GRF).

MOX	0.70	309	ePg	54 03.00	-0.5
			iSg	54 12.00	
GRF	0.96	238	iPgc	54 08.40	0.5
			eSg	54 21.00	
			eLg	54 23.10	
CLL	1.15	17	iPg	54 11.30	0.1
			iSg	54 26.50	
BRG	1.15	54	iPg	54 11.80	0.6
			iSg	54 27.00	
KHC	1.30	146	ePg	54 13.70	-0.1
			Sg	54 31.80	
PRU	1.35	99	ePg	54 14.00	-0.6
			eSg	54 32.00	
S.D. = 0.6 on 6 of 6 obs.					

DEC 20, 1985 16h 36m 29.21± 0.38s
50.175 N ± 4.3km 12.443 E ± 3.2km
DEPTH = 10.0km (geophysicist)

GERMANY (543)
ML 4.6 (VKA), 4.6 (FUR), 4.3 (KBA), 4.2 (GRF). Felt (IV) at Selb, Hof and Tirschenreuth.

HOF	0.39	291	iPgd	36 37.30	0.1
MOX	0.71	312	iPg	36 43.00	-0.2
			iSg	36 52.00	
GRF	0.93	239	iPgc	36 48.20	1.3
			eSg	37 00.80	
			eLg	37 03.00	
WET	1.07	164	iPgd	36 50.70	1.3
BRG	1.19	53	iPg	36 50.90	-0.5
			iSg	37 08.90	
CLL	1.19	17	iPg	36 50.80	-0.6
			iSg	37 06.00	
KHC	1.28	144	iPgd	36 54.00	1.0
0.4s	438.00nm				
			Sg	37 11.20	
			e	37 13.70	
PRU	1.36	97	iPnd	36 54.30	0.1
			Pg	36 55.20	
			Sg	37 12.00	
			i	40 15.80	
FUR	2.15	201	ePn	37 08.80	3.2X
			iPgc	37 13.40	
KMR	2.39	152	(Pn)	37 11.00	1.9
			iPg-	37 14.80	
			iSg	37 45.80	
BHG	2.47	173	iPnc	37 11.20	1.0
STU	2.54	238	ePnd	37 09.70	-1.4
0.5s	28.17nm				
			ePg	37 16.20	

EDR No. 12-85
May 29, 1986
P. 143-283 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 $20^\circ \leq \Delta \leq 160^\circ$, and for reported periods of $18 \leq T \leq 22$ s. No correction for focal depth is used in the M_S calculation. Body-wave magnitudes are not determined from PKP arrivals or for stations having $\Delta \leq 5^\circ$. Amplitude values stated in this report are in nanometers (nm) for body-waves and micrometers (μm) for surface-waves.

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

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.

KSP	2.55	73	ePn	37	10.50	-0.7
			i	37	13.50	
			iS	37	48.50	
TNS	2.57	273	ePn	37	14.80	3.2X
			ePb	37	18.90	
			eSg	37	50.90	
GAP	2.65	199	iPgc	37	25.10	9.5X
KBA	3.16	169	iPnc	37	20.40	0.4
			iPg	37	30.20	
			iSn	37	56.70	
			iSg	38	12.50	
VKA	3.18	125	iPn	37	20.50	0.3
			iPg	37	30.00	
			i	38	10.70	
			iSg	38	11.90	
BGG	3.28	273	ePn	37	21.50	-0.1
	0.8s	250.00nm				
			iPg	37	33.30	
			eSg	38	13.20	
GWF	3.36	251	ePn	37	22.80	0.0
			eSg	38	17.00	
OGA	3.44	196	ePn	37	26.60	2.5
SLE	3.55	229	eP	37	39.30	13.9X
SAX	3.57	216	eP	37	40.00	13.9X
ZST	3.64	121	iPn	37	26.20	-0.6
			i	37	29.30	
			i	37	36.80	
			i(Sg)	38	24.30	
SOP	3.68	131	ePn	37	26.20	-1.2
ZUL	3.80	226	eP	37	29.00	-0.1
OSS	3.81	205	eP	37	28.40	-1.0
CDF	3.81	244	Pn	37	29.00	-0.3
			Pg	37	41.00	
			Sg	38	31.80	
GSH	3.92	281	iP	37	30.10	-0.6
			iS	38	30.50	
WTS	3.99	299	ePn	37	35.50	3.8X
	0.6s	25.00nm				
			ePg	37	46.00	
			eSg	38	36.00	
LLS	4.02	216	eP	37	47.60	15.3X
WLF	4.10	265	Pn	37	34.60	1.5
			Sg	38	37.00	
MEM	4.14	278	Pn	37	35.20	1.4
			Sg	38	39.20	
VDL	4.19	209	eP	37	52.20	17.5X
MOF	4.20	238	iPgc	37	48.80	14.1X
			eSg	38	44.40	
ENN	4.21	281	ePnc	37	36.00	1.2
	0.7s	16.00nm				
			iPg	37	49.50	
			eSg	38	42.00	
VOY	4.26	166	iPn	37	35.10	-0.5
			iPg	37	52.10	
			iSn	38	27.30	
			iSg	38	45.30	
LJU	4.36	160	ePn	37	37.10	0.0
	1.1s	200.00nm				
			ePg	37	53.30	
			eSn	38	26.70	
			eSg	38	49.50	
BSF	4.40	240	Pn	37	35.30	-2.3
			Pg	37	51.20	
			Sg	38	48.40	
WIT	4.47	308	ePg	37	59.50	21.0X
			eSg	38	44.50	
SRO	4.53	119	ePn	37	39.00	-0.3
			e(Sn)	38	30.40	
			i(Sb)	38	43.80	
			i(Sg)	38	57.90	
HAU	4.56	244	Pn	37	38.50	-1.2
			Pg	37	55.00	
			Sg	38	54.00	
TRI	4.56	168	iPnc	37	40.00	0.3
			iSn	38	32.30	
			iSg	38	59.90	
CEY	4.63	163	e(Pn)	37	40.20	-0.7
			eSn	38	42.20	
TMA	4.72	212	eP	38	01.20	18.9X
KRA	4.83	89	ePn	38	01.20	17.6X
			iSn	38	57.00	
DOU	5.05	272	Pn	37	47.60	0.9
			e	38	04.60	
			Sb	39	01.50	
SPC	5.16	98	eP	38	07.00	18.5X
			i	39	12.10	
SNF	5.24	277	eP	38	33.00	43.7X
PSZ	5.39	112	iPnc	37	50.10	-1.6
LPG	6.05	221	Pn	37	58.50	-2.5
			Pg	38	25.50	
			Sg	39	41.60	
LOR	6.38	246	Pn	38	05.60	0.1
			Pg	38	30.20	
			Sg	39	53.20	
LBF	6.46	244	Pn	38	07.40	0.7
			Pg	38	31.80	
			Sg	39	54.40	
SSF	6.69	246	Pn	38	09.80	-0.1
			Pg	38	36.00	
			Sg	39	58.60	
SMF	6.73	242	Pn	38	11.40	1.0
	0.8s	113.00nm			6.0mb X	
			Pg	38	35.20	
			Sg	40	03.50	
GRC	6.83	249	iPnd	38	09.20	-2.7
			iPg	38	40.80	
			iSg	40	09.60	
AVF	6.93	244	Pg	38	39.60	26.5X
	0.9s	108.00nm				
			Sg	40	10.50	
BGF	7.34	244	Pg	38	47.40	28.4X
			Sg	40	21.60	
MZF	7.69	243	Pg	38	53.80	30.0X
	0.8s	86.00nm				
			Sg	40	32.40	
TCF	7.86	244	Pg	38	57.40	31.1X
	0.6s	54.00nm				
			Sg	40	36.20	
NUR	12.44	29	eP	39	25.00	-4.0X
SUF	14.63	26	eP	40	00.00	2.2
KJF	16.24	24	eP	40	30.00	11.3X

S.D. = 1.2 on 42 of 62 obs.

* DEC 20, 1985 17h 38m 43.08± 0.81s
50.250 N ± 8.8km 12.396 E ± 6.6km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.64	309	ePg	38	56.00	0.1
			eSg	39	05.50	
GRFO	0.94	234	eP	39	01.00	-0.1
CLL	1.13	20	iPg	39	04.10	-0.1
			iSg	39	19.40	
BRG	1.17	57	iPg	39	04.90	0.0
			iSg	39	19.90	
PRU	1.41	100	ePg	39	08.80	0.1
			eSg	39	26.00	

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

? DEC 20, 1985 22h 21m 14.29± 5.11s
41.004 N ±46.7km 15.473 E ±31.8km
DEPTH = 10.0km (geophysicist)
SOUTHERN ITALY (390)

OHR	4.03	87	ePn	22	18.00	0.6
FIR	4.18	313	eP	22	40.00	20.6X
SKO	4.58	76	ePn	22	26.00	0.7
CEY	4.79	351	e(Pn)	22	34.70	6.4X
			eSn	23	23.20	
TRI	4.87	346	ePn	22	28.00	-1.2
			e	22	50.90	
			iSn	23	22.50	
			e	23	54.60	
LJU	5.08	353	eP	22	32.80	0.5
			e	22	49.00	
			eSn	23	31.80	
VOY	5.16	348	iPn	22	33.20	-0.2
			eSn	23	33.20	
VAY	5.37	84	ePn	22	35.30	-1.0
KBA	6.26	347	iP	22	50.10	1.0
			i(Sg)	23	54.40	
MLR	6.86	56	eP	23	25.00	-0.4

S.D. = 1.0 on 8 of 10 obs.

DEC 20, 1985 23h 21m 49.61± 0.58s
42.258 N ± 6.3km 19.949 E ± 5.0km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 3.5 (TTG).

PVY	0.34	3	iPgc	21	55.10	-1.5
			eSg	22	00.00	
TTG	0.54	289	ePg	21	59.20	-1.3
			iSg	22	09.20	
ULC	0.60	241	ePg	22	02.00	0.3
			eSg	22	11.50	
IVA	0.61	357	ePg	22	00.00	-2.0
			eSg	22	09.00	
BDV	0.83	272	iPgd	22	05.30	-0.4
			eSg	22	20.00	
NKY	0.90	309	ePg	22	05.00	-1.8
			iSg	22	20.00	
HCY	1.09	280	ePg	22	09.80	-0.3
			iSg	22	25.00	
SKO	1.15	104	iPnd	22	10.30	-0.7
			i	22	14.60	
			iSn	22	27.00	
BRY	1.22	302	ePg	22	11.00	-1.4
			eSg	22	29.50	
OHR	1.31	151	iPn	22	12.20	-1.7
VAY	2.17	115	iPn	22	26.20	-0.1
VTS	2.43	81	iP	23	31.00	61.0X
BEO	2.59	8	ePn	22	30.90	-1.3
			iPg	22	37.60	
			iSg	23	13.40	
MMB	2.90	102	eP	22	38.00	1.3
			iSg	23	27.00	
GZR	3.74	32	ePd	22	50.00	1.3
PVL	3.95	75	iPd	23	01.00	9.5X
			iS	24	00.00	
KDZ	4.08	97	eP	22	54.00	0.7
			iSg	24	04.00	
DIM	4.19	91	ePg	23	99.00	14.0X
DEV	4.20	29	ePc	22	42.00	-13.1X
JMB	4.92	85	eP	23	26.00	20.7X
CEY	5.29	313	ePn	23	12.20	1.6
	1.2s	329.00nm			5.8mb X	
			iSn	24	16.30	
MLR	5.41	51	eP	23	15.50	3.2X
LJU	5.43	316	ePn	23	14.70	2.1
			e(Sb)	24	22.00	
			e(Sg)	24	53.70	
ISR	5.58	57	eP	23	37.00	22.3X
TRI	5.64	310	ePn	23	15.50	0.0
			iSn	24	21.80	
			e	24	54.20	
			i	24	58.70	
			i	25	03.00	
PSZ	5.66	360	ePn	23	14.00	-1.9
SRO	5.67	349	e(P)	23	15.50	-0.4
			i	24	32.70	
VOY	5.76	313	ePn	23	18.10	0.8
			iSn	24	26.10	
			eSg	24	56.10	
PSN	6.21	74	eP	23	30.00	6.6X
ZST	6.27	342	e(P)	23	28.50	4.2X
			e	25	18.60	
KBA	6.74	318	iPnc	23	32.10	1.0
			iSn	24	49.70	
			i	24	55.20	
KHC	8.19	329	P	23	53.50	2.2
			e	25	13.00	
			e	26	52.00	
PRU	8.59	336	eP	23	59.00	2.1
			e	24	37.00	
			e	25	43.00	
SUF	20.82	8	eP	26	38.00	4.6X
KJF	22.43	9	eP	26	51.00	1.4

S.D. = 1.5 on 25 of 35 obs.

& DEC 20, 1985 23h 45m 05.76s
60.929 N 147.512 W
DEPTH = 20.7km
SOUTHERN ALASKA (2)
<AGS-P>.

GLI	0.21	103	iP	45	11.53	0.4
CFI	0.28	334	iP	45	12.31	0.1
PWL	0.41	261	iP	45	13.47	-0.8
			iS	45	19.50	
LOU	0.47	188	iP	45	14.47	-0.8
VZW	0.48	74	iP	45	15.21	-0.4
FID	0.54	109	iP	45	15.30	-1.1
			iS	45	23.35	
KNIM	0.59	191	iP	45	16.10	-1.3
			iS	45	24.66	
VLZ	0.61	70	eP	45	16.81	-0.8
PTE	0.74	266	iP	45	18.60	-1.2
SCM	0.91	6	iP	45	21.65	-1.2
MTU	0.95	184	iP	45	22.49	-0.9
			iS	45	35.88	

20d 23h

KLU	0.96	53	iP	45	22.43	-1.2
			iS	45	35.36	
SML	0.97	336	iP	45	22.45	-1.3
			iS	45	35.99	
MPA	1.01	245	iP	45	22.68	-1.7
			iS	45	36.26	
PME	1.02	314	iP	45	22.90	-1.6
			iS	45	36.92	
PLRM	1.03	311	iP	45	22.91	-1.8
PMS	1.04	289	iP	45	23.40	-1.6
GHO	1.09	322	iP	45	24.28	-1.5
			iS	45	41.20	
SGAM	1.21	110	iP	45	26.55	-1.0
SEW	1.27	230	eP	45	26.45	-1.8
TOA	1.34	28	iP	45	28.98	-0.5
PWA	1.35	393	iP	45	28.09	-1.4
SUA	1.65	290	iP	45	32.73	-1.3
GLB	1.87	72	iP	45	36.12	-0.9
BRLK	2.04	237	iP	45	37.41	-2.1
SKT	2.20	300	eP	45	39.95	-1.8
SPU	2.22	279	iP	45	37.44	-4.7
BALM	2.52	85	iP	45	44.87	-1.6

28 obs. associated

DEC 21, 1985 00h 01m 20.24± 0.42s
50.191 N ± 4.6km 12.418 E ± 3.7km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.8 (FUR), 3.7 (VKA), 3.6 (KVA), 3.0 (GRF).

HOF	0.37	290	iPgd	01	27.80	0.0
MOX	0.69	312	iPg	01	33.50	-0.3
			iSg	01	42.50	
GRF	0.92	238	iPgc	01	38.80	1.0
			eSg	01	51.50	
			eLg	01	53.60	
WET	1.09	164	iPgd	01	41.50	0.8
CLL	1.18	18	iPg	01	41.40	-0.9
			iSg	01	56.70	
BRG	1.19	54	iPg	01	42.00	-0.4
			iSg	01	57.00	
KHC	1.30	144	iPg	01	44.20	-0.2
			iSg	02	02.90	
PRU	1.38	98	Pn	01	45.10	-0.4
			Pg	01	45.70	
FUR	2.16	201	ePn	02	01.10	4.3X
			iPgc	02	04.10	
STU	2.54	237	i(Pn)c	02	08.00	5.9X
	0.4s	76.27nm				
TNS	2.55	272	ePb	02	09.80	7.4X
			eSg	02	40.80	
KSP	2.56	74	ePn	02	04.00	1.6
	0.5s	240.00nm				
			iPg	02	07.50	
			iS	02	39.80	
KBA	3.18	168	iPnd	02	11.60	0.2
			i	03	02.80	
			iSg	03	04.00	
VKA	3.20	126	ePn	02	11.50	-0.1
			eSg	03	04.00	
GWF	3.35	251	ePn	02	13.60	-0.1
			eSg	03	07.60	
SLE	3.55	228	eP	02	14.60	-1.8
ZUL	3.80	226	eP	02	32.70	12.6X
CDF	3.81	244	Pn	02	20.20	-0.1
	0.7s	97.00nm				
			Pg	02	32.80	
			Sg	03	21.60	
OSS	3.82	204	eP	02	19.50	-1.0
LLS	4.03	216	eP	02	38.40	15.0X
WLF	4.08	265	Pn	02	25.00	1.0
MEM	4.12	278	Pn	02	25.90	1.4
BSF	4.39	240	Pg	02	44.60	16.1X
	0.6s	61.00nm				
			Sn	03	15.60	
			Sg	03	39.20	
HAU	4.55	244	Pn	02	30.00	-0.7
	0.5s	55.00nm				
			Pg	02	46.40	
			Sn	03	17.40	
			Sg	03	44.20	
SRO	4.55	119	eP	03	23.40	52.7X
TRI	4.58	168	eP	03	22.60	51.6X
			e	03	48.10	
TMA	4.73	211	eP	02	51.30	17.9X
DOU	5.03	272	Pn	02	47.00	9.5X
LOR	6.37	246	Pg	03	20.80	24.3X
	0.6s	13.00nm				
			Sg	04	42.30	
LBF	6.45	243	Pg	03	22.20	24.6X
	0.7s	18.00nm				
			Sg	04	44.60	
SSF	6.69	245	Pg	03	26.60	25.8X
	0.6s	14.00nm				
			Sg	04	52.80	
SMF	6.72	241	Pg	03	26.20	24.9X
	0.6s	18.00nm				
			Sg	04	53.00	
GRC	6.82	248	iPgc	03	29.70	26.9X
			iSg	04	57.70	
BGF	7.34	244	Pg	03	39.80	29.8X
	0.8s	24.00nm				
			Sg	05	13.20	
MZF	7.68	243	Pg	03	44.20	29.4X
	0.6s	9.00nm				
			Sg	05	23.40	

S.D. = 0.9 on 18 of 35 obs.

DEC 21, 1985 00h 14m 21.45± 0.34s
13.973 S ± 5.9km 166.756 E ± 8.9km
DEPTH = 33.0km (normal)
4.6mb (3 obs.)
VANUATU ISLANDS (186)

HNR	8.05	303	eP	16	18.00	-1.1
			eS	17	50.00	
DZM	8.06	182	iPd	16	18.00	-1.3
			iS	17	49.20	
NOU	8.30	182	iP	16	22.00	-0.4
			iS	18	02.00	
VSG	8.34	303	eP	16	23.00	-0.1
NDF	10.95	111	eP	17	06.00	7.0X
VUN	11.95	111	eP	17	17.50	5.0X
BRS	18.67	222	P	18	44.50	5.4X
			eS	22	17.00	
CTA	20.51	250	iP	18	59.80	0.1
	1.1s	21.52nm			4.4mb	
			iS	23	50.00	
RMQ	20.95	231	eP	19	05.00	0.9
COO	21.46	217	eP	19	10.00	0.7
KRP	25.10	163	eP	19	47.00	2.3
CMS	25.93	224	eP	19	52.00	-0.5
WRA	31.53	255	Pd	20	41.30	-1.8
	1.0s	4.90nm			4.3mb	
MAT	57.01	333	eP	24	06.00	-0.5
NJ2	64.79	316	Pc	24	59.00	-0.3
MDJ	67.38	332	eP	25	14.50	-1.1
CN2	68.74	329	Pc	25	23.80	-0.3
GYA	70.88	305	P	25	38.00	0.3
BJI	71.37	321	eP	25	40.00	-0.2
TIY	72.37	317	eP	25	47.10	0.8
XAN	72.81	313	Pc	25	49.00	0.0
KMI	73.49	302	Pc	25	54.00	0.7
HHC	74.69	320	P	26	01.50	1.7
CD2	75.16	308	eP	26	03.80	1.2
LZH	77.45	312	P	26	17.00	1.5
GTA	81.79	314	P	26	39.40	0.6
COL	85.79	18	eP	27	14.00	15.6X
PKI	88.90	299	eP	27	15.20	0.5
	0.7s	15.00nm			5.4mb	
KKN	89.07	299	eP	27	16.00	0.7
DMN	89.17	299	eP	27	16.80	1.0
	0.7s	25.00nm			5.6mb X	
WMQ	91.85	315	P	27	27.70	0.1
YKA	97.11	27	eP	28	14.10	22.9X
KJF	122.45	340	iPKP	33	13.50	-0.9
SUF	123.96	339	iPKP	33	16.60	-0.8
	0.5s	4.50nm				
NUR	125.98	338	iPKP	33	21.00	-0.4
	0.5s	11.20nm				
NB2	129.77	345	PKP	33	27.40	-1.3
	0.7s	2.60nm				
HFS	129.86	343	ePKP	33	27.40	-1.4
	0.6s	1.90nm				
LBF	144.07	340	ePKP	33	52.70	-2.8X
GRC	144.09	341	iPKPd	33	54.10	-1.3
SSF	144.16	340	ePKP	33	53.20	-2.4X
SOB1	144.18	128	ePKP	33	54.10	-2.5X
			e	33	55.40	
			e	33	59.20	
LPG	144.31	336	ePKP	33	54.50	-1.8X
SMF	144.41	340	ePKP	33	54.00	-2.1X
AVF	144.45	340	ePKP	33	54.10	-2.0X
BGF	144.82	341	ePKP	33	55.60	-1.1
MZF	145.20	341	ePKP	33	57.00	-0.4
TCF	145.26	341	ePKP	33	57.00	-0.5
LSF	145.50	342	ePKP	33	57.40	-0.5
MFF	145.66	344	ePKP	33	58.20	0.0
CVF	145.70	330	ePKP	33	58.30	-0.1
FRF	145.93	334	ePKP	33	58.90	0.2
LRG	146.14	334	ePKP	33	59.80	0.8
LMR	146.18	334	ePKP	33	59.50	0.1
ITR	146.32	131	ePKP	33	59.50	-0.7
			e	34	03.70	
LFF	146.93	342	ePKP	34	02.10	1.8
LPO	147.02	341	ePKP	34	02.40	2.0
BNG	147.26	256	iPKPd	34	01.00	-0.8
	0.8s	44.00nm				
			id	34	04 20	
			id	34	22.00	
EPF	148.77	341	ePKP	34	08.40	5.0X

S.D. = 1.0 on 46 of 58 obs.

DEC 21, 1985 00h 24m 53.20± 0.67s
50.232 N ± 6.4km 12.431 E ± 6.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.1 (GRF).

MOX	0.67	309	ePg	25	06.00	-0.5
			iSg	25	15.00	
GRF	0.95	236	iPgc	25	11.70	0.4
			eSg	25	24.20	
			eLg	25	26.70	
CLL	1.14	18	iPg	25	14.80	0.3
			iSg	25	29.50	
BRG	1.16	56	iPgc	25	14.90	0.0
			iSg	25	29.60	
KHC	1.33	145	iPg	25	17.50	-0.3
			Sg	25	35.00	
PRU	1.38	99	Pg	25	18.50	0.0
			eSg	25	36.40	

S.D. = 0.4 on 6 of 6 obs.

DEC 21, 1985 01h 13m 22.41± 0.14s
13.966 S ± 3.9km 166.516 E ± 3.2km
DEPTH = 43.0km (geophysicist)
6.0mb (43 obs.) 7.3Msz (20 obs.)
VANUATU ISLANDS (186)
Ms 7.6 (BRK), 6.9 (PAS). Depth from broadband displacement seismogroms.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=190 Dip=63 Slip= 90
NP2: 10 27 90
Principal Axes:
T Plg=72 Azm=100
P 18 280
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 42 No. of sta: 9
Moment Tensor; Scale 10**26 d-cm
Mrr= 5.02 Mtt= 0.46
Mff=-5.48 Mrt=-0.41
Mrf=-1.60 Mtf= 0.72
Principal axes:
T Val= 5.31 Plg=79 Azm=125
N 0.48 7 355
P -5.79 8 264
Best Double Couple:Mo=5.5*10**26
NP1:Strike=346 Dip=37 Slip= 78
NP2: 180 54 99
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 58C M.W.: 14S, 33C
Centroid Location:
Origin Time 01:13:32.7 0.1
Lat 13.89S 0.01 Lon 166.57E 0.01
Dep 45.5 0.5 Half-duration 12.7
Moment Tensor; Scale 10**26 D-CM
Mrr= 5.76 0.06 Mtt=-0.45 0.05
Mff=-5.31 0.05 Mrt= 0.06 0.09
Mrf= 0.30 0.09 Mtf= 1.26 0.04
Principal Axes:
T Val= 5.77 Plg=88 Azm=299
N -0.15 1 166

```
      P        -5.62         1          76
   Best Double Couple:Mo=5.7*10**26
    NP1:Strike=165 Dip=44 Slip=  88
    NP2:       348      46         92

PVC     4.13 155 iPd   14 26.00    1.3
                 iS    15 28.50
HNR     7.85 304 eP    15 16.00   -1.0
DZM     8.06 180 iPd   15 16.00   -3.9X
                 iS    16 55.20
SVO     8.12 305 eP    15 21.00    0.3
                 eS    15 33.00
VSG     8.15 304 eP    15 22.00    0.9
NOU     8.30 180 iPc   15 19.50   -3.6X
NDF    11.17 111 eP    16 03.00    0.4
VUN    12.17 111 ePc   16 05.90  -10.1X
PAA    13.25 304 eP    16 41.00   10.5X
                 eS    17 47.00
BGA    13.59 304 eP    16 41.00    6.0X
                 eS    17 16.00
ALOA   16.19 281 eP    17 14.00    5.4X
RAB    17.16 303 e(P)  17 22.00    1.2
BRS    18.51 222 P     17 37.60    0.1
PMG    19.49 281 iPd-  17 49.00    0.0
CTA    20.30 250 iPd-  17 57.30   -0.2
       1.0s   260.00nm        5.5mb
RMQ    20.77 230 iPc   18 03.40    1.0
CRZ    21.13 166 eP    18 04.00   -1.8
COO    21.32 217 eP    18 08.00    0.1
                 e     18 19.00
                 e     25 55.00
MDG    22.19 291 eP    18 19.00    2.4
RIV    22.19 213 iPd   18 36.70    0.7
       1.0s   101.52nm        5.3mb
                 e     18 45.00
                 e     25 57.00
WEW    24.85 292 eP    18 58.00   15 5X
KRP    25.17 163 eP    18 44.00   -1.3
                 i     18 50.70
                 e     23 30.00
                 eS    23 35.00
                 ScP   26 02.00
                 ScS   29 51.00
CMS    25.77 224 iPc   18 50.70   -0.3
                 e     26 07.00
TZZ    26.37 287 eP    18 59.50    2.7X
CAN    26.48 214 iPc   18 58.50    0.9
                 i     19 04.60
                 iScP  26 09.00
ISQ    26.57 252 eP    18 59.00    0.4
WAM    27.20 212 eP    19 05.20    1.1
                 e     19 10.80
                 eScP  26 11.50
MNG    27.69 165 P     19 04.00   -4.5X
                 PP    19 48.00
                 S     23 56.00
                 ScP   26 09.00
                 ScS   29 54.00
TCW    27.98 167 eP    19 10.00   -1.1
                 e     26 10.00
WEL    28.15 167 iP+   19 09.00   -3.6X
                 S     23 59.00
                 ScP   26 10.00
                 e     29 51.00
                 e     30 00.00
STK    28.95 228 iPc   19 19.70   -0.3
                 i     19 26.00
                 i     26 17.00
TOO    30.04 215 eP    19 29.00   -0.8
                 e     19 38.00
                 e     26 19.00
MSZ    30.62 178 eP    19 33.20   -1.5
                 i     19 37.20
                 eS    24 43.00
                 ScP   26 21.00
                 eScS  30 14.00
WB2    31.30 255 iPc   19 39.20   -1.8
                 i     19 48.90
                 iScP  26 25.20
WRA    31.31 255 Pd    19 39.90   -1.2
       1.1s    77.60nm        5.4mb
BFD    31.48 218 eP    19 43.00    0.7
       0.8s   345.00nm        6.2mb
                 e     19 48.00
                 e     26 20.00
ASPA   32.27 248 eP    19 47.00   -2.5
       1.0s   325.00nm        6.1mb

ADE    32.64 225 iPd   19 52.90    0.3
TAU    33.25 206 eP    19 58.00    0.4
                 ipPP  20 05.50
                 iPcP  22 47.00
                 eS    25 16.00
                 eScP  26 30.00
GUA    34.71 321 e(P)  20 11.30    0.8
       0.8s    901.49nm        6.8mb
GUMO   34.77 321 e(P)  20 11.50    0.4
                 e(S)  25 40.10
PJG    34.77 321 e(P)  20 11.00   -0.1
SLKI   35.05 276 eP    20 15.70    2.2
KNA    36.50 262 eP    20 25.50   -0.2
WBN    39.27 246 eP    20 49.00    0.1
MCQ    40.87 187 eP    21 04.00    2.3
KUPT   42.09 270 eP    21 15.00    2.8X
       0.6s     45.90nm        5.4mb
                 e(S)  23 14.00
AFR    42.15 101 iP    21 13.40    0.8
PAE    42.33 101 iP    21 14.60    0.4
PPT    42.34 101 iP    21 14.70    0.5
       1.4s   1075.00nm        6.4mb
PPN    42.48 101 iP    21 16.00    0.6
TBI    42.60 109 iP    21 17.80    1.5
       1.0s    425.00nm        6.1mb
TVO    42.64 101 iP    21 17.00    0.2
PMO    44.09  97 iP    21 27.60   -0.9
       1.4s   4440.00nm        7.0mb X
VAH    44.33  98 iP    21 29.20   -1.2
       1.4s   2020.00nm        6.7mb
TPT    44.36  97 iP    21 29.80   -0.9
       1.4s   2690.00nm        6.8mb
RUV    44.57  98 iP    21 31.20   -1.2
       1.4s   2420.00nm        6.8mb
KLG    44.58 240 eP    21 37.00    4.7X
MBL    44.95 254 eP    21 35.00   -0.4
DAV    45.70 295 eP    21 47.00    5.7X
                 eS    28 28.00
MEK    46.47 247 eP    21 47.50    0.1
MKS    47.12 276 iPd   22 00.60    8.0X
KLB    47.84 240 eP    21 56.00   -2.1
       0.6s    216.00nm        6.3mb
PCI    47.95 282 eP    22 01.00    1.9
NWAO   48.52 238 iPc   22 03.20   -0.1
                 epP   22 16.11   47kmX
RKG    48.92 237 eP    22 10.00    3.6X
NAU    49.00 252 eP    22 07.20    0.1
MRWA   49.00 243 eP    22 06.00   -1.1
       0.6s    150.00nm        6.2mb
MUN    49.21 240 eP    22 07.00   -1.6
HON    49.43  45 (P)   22 08.27   -2.0
                 epP   22 18.86   36kmX
KHKI   50.18 271 ePc   22 15.40   -0.9
                 e     34 16.20
MVI    52.39 319 eP    22 38.00    5.2X
PGP    52.73 299 ePc   22 32.00   -3.5X
       0.8s     83.00nm        5.8mb
PPR    52.95 294 iPd   22 39.00    1.9
                 eS    23 11.00
QCP    53.19 301 eP    22 50.00   11.1X
MAN    53.20 301 eP    22 40.00    1.0
KKM    53.73 288 ePd   22 43.00    0.0
       1.0s    193.90nm        6.1mb
CVP    54.17 304 eP    22 59.90   13.9X
       1.3s    318.00nm
BAG    54.50 302 eP    22 46.00   -2.7
KYS    54.92 334 eP    22 51.10   -0.2
OYM    55.50 333 eP    22 53.10   -2.4
SRY    55.64 333 eP    22 55.20   -1.3
TSK    55.79 334 eP    22 56.70   -0.9
RKT    55.91 109 iP    23 01.40    2.7X
       1.4s    245.00nm        6.0mb
DDR    56.01 333 eP    22 58.70   -0.5
OSA    56.63 329 Pc    23 04.50    0.9
                 eS    30 56.00
MAJO   56.90 333 iPc   23 04.39   -1.1
                 epP   23 16.48   42kmX
MAT    56.90 333 iPc+  23 03.40   -2.1
       1.0s    120.00nm        5.9mb
                 eS    30 51.00
KAG    56.92 323 eP    23 08.00    2.3
OIT    57.55 325 eP    23 10.00   -0.1
                 eS    31 14.00
SHK    57.97 327 ePc   23 11.60   -1.4
NGS    58.17 324 Pc    23 14.60    0.2
                 S     31 16.60
TATO   58.53 311 eP    23 17.04   -0.1

       1.0s    400.00nm        6.5mb
                 epP   23 29.12   42kmX
QZH    60.66 309 iPc   23 32.00    0.3
                 iS    31 50.00
SAP    61.26 339 eP    23 41.00    5.5X
                 eS    31 53.00
SSE    62.47 317 iP+   23 42.50   -1.3
    Z  18s     72.90um        6.9Msz
    N  17s     19.20um
    E  18s     46.70um
                 pP    23 47.00   15kmX
                 sP    23 49.50
                 PP    26 13.00
                 i     28 05.00
                 PcS   28 23.00
                 i     29 49.50
                 iS    32 10.00
                 sS    32 25.50
                 ScS   33 27.00
                 SS    36 29.00
HKC    62.69 304 iP    23 46.00    0.5
                 iS    32 18.00
GZH    63.75 305 Pc    23 53.00    0.6
                 PP    26 18.00
                 iS    32 30.00
                 PS    32 55.00
YSS    64.35 342 P     23 55.00   -0.9
KGM    64.59 279 ePc   23 59.10    1.0
                 e     24 02.80
                 e     24 14.70
NJ2    64.62 316 iPc   23 58.00    0.0
                 PP    26 28.00
                 iS    32 40.00
QIZ    64.73 299 Pc    24 00.00    1.1
                 PP    26 27.00
                 PcS   28 32.50
                 iS    32 43.00
                 PS    33 10.50
                 ScS   33 47.00
                 SS    37 02.50
PPI    66.74 276 (P)   24 13.00    1.1
       1.0s    103.40nm        5.8mb
SMY    66.74   5 eP    24 13.30    2.1
    Z  20s     290.00um        7.5Msz
WHN    66.89 312 iPc   24 13.00    0.4
                 PcP   24 40.00
                 iPP   26 43.00
                 PcS   28 40.00
                 iS    33 06.00
                 iPS   33 33.00
                 SS    37 28.00
ADK    67.18  11 eP    24 13.20   -0.8
DL2    67.25 323 iPc   24 15.00    0.3
                 PP    26 49.00
                 S     33 05.00
MDJ    67.27 332 iPc   24 13.70   -1.0
                 iPcP  24 40.00
                 PP    26 45.00
                 PPP   28 22.00
                 PcS   28 43.00
                 S     33 09.00
                 SS    37 31.00
IPM    67.51 281 iPd   24 17.10    0.2
       1.0s    127.40nm        5.9mb
                 e     25 09.70
                 e     26 04.90
SNY    68.17 327 iPc   24 20.00   -0.4
                 PP    26 55.00
                 ScP   28 45.00
                 PcS   28 48.00
                 S     33 21.50
                 PS    33 52.00
TIA    68.29 319 iPc   24 20.00   -1.3
                 PP    26 52.00
                 S     33 23.00
                 SS    37 45.00
CN2    68.62 329 iPc   24 21.80   -1.3
SNG    68.68 284 eP    24 19.50   -4.6X
       1.0s    270.00nm        6.2mb
                 eS    33 35.00
PSI    68.99 278 ePd   24 26.40    0.4
       0.8s     31.40nm        5.4mb
                 e     33 35.50
                 e     39 45.00
TSI    69.56 279 ePc   24 33.10    3.6X
PCT    70.42 291 eP    24 36.70    2.0
GYA    70.68 305 Pc    24 37.00    0.7
```

21d 01h

LOE	71.12	294	eP	24	39.00	0.1					eP'P'	52	06.50			RSNT	97.21	27	eP	26	52.20	0.9
NNT	71.23	289	eP	24	41.60	2.0		JAS1	85.59	49	ePc	25	54.87	-2.9		GOL	97.35	51	eP	26	55.00	2.1
NST	71.92	292	eP	24	43.50	-0.2					epP	26	07.94	44kmX			1.0s		20.00nm			5.6mb
TIY	72.21	318	iPc	24	44.00	-1.2					i	28	21.70			GLD	97.47	51	eP	26	56.50	3.2X
			PP	27	19.50						ePKKP	44	04.30				1.0s		42.00nm			5.9mb
			iS	34	08.00						eP'P'	52	05.70				Z 20s		90.00um			7.3Msz
XAN	72.64	313	Pc	24	47.00	-0.7		MIN	85.63	47	eP	25	58.00	-0.1		BOM	97.85	287	eP	26	50.00	-5.1X
			iS	34	10.00						ePKKP	44	01.50						eS	37	23.00	
KHT	73.01	290	eP	24	51.90	1.7					eP'P'	52	04.00			KSH	99.14	308	P	27	09.70	8.9X
BSI	73.24	280	ePc	24	52.00	0.4		FRI	85.79	50	eP	25	58.80	0.1		MBC	99.75	14	eP	27	03.00	0.3
	1.0s		138.70nm			5.9mb					ePKKP	44	04.30			JCT	100.07	61	ePdiff	27	04.00	-1.3
KMI	73.28	302	iP	24	52.00	0.1					eP'P'	52	12.20				1.0s		24.00nm			5.7mb
E	20s		51.20um					COL	85.85	18	iPc	25	55.64	-2.8			Z 20s		93.26um			7.3Msz
			pP	25	05.00	45kmX					epP	26	08.22	42kmX		FFC	102.13	36	ePdiff	27	15.00	1.2
			PcP	25	08.00						eS	36	18.00				0.9s		16.00nm			5.7mb
			sP	25	14.00			FBA	85.85	18	eP	25	55.70	-2.7		GIE	102.61	94	Pdiff	27	15.00	-1.8
			PP	27	40.00			PAS	85.98	54	iP	26	00.00	0.3			Z 23s		181.89um			7.5MszX
			PPP	29	33.00						iPP	29	24.00				N 19s		67.80um			
			S	34	18.00						eSKS	36	04.00				E 21s		76.30um			
			iS	34	22.00						iS	36	32.00						iPP	30	31.20	
			SKS	34	51.00						iPS	37	31.00						iSKS	37	57.20	
			PS	34	56.00						iSS	41	32.00						iPS	41	00.00	
			SS	39	00.00						eSSS	45	40.00						SS	46	09.00	
BDT	73.49	293	iPc	24	54.50	1.6					eLR	50	40.00						LR	00	57.00	
	0.8s		166.10nm			6.0mb		MWC	86.09	53	eP	26	01.00	0.5		TUL	104.21	56	ePdiff	27	31.20	7.7X
CHG	74.10	294	iPc	24	52.60	-3.9X		COR	86.13	42	iPc	26	04.00	3.8X			0.8s		5.40nm			5.5mb
	1.2s		109.38nm			5.7mb		PHC	86.25	36	eP	26	02.00	1.4			Z 18s		149.90um			7.6Msz
			eS	28	52.00			ISA	86.26	52	eP	26	01.00	-0.2		BHO	104.78	58	e(Pdif	27	29.50	3.5X
CHTO	74.10	294	iPc	24	56.27	-0.2		RVR	86.55	54	eP	26	03.00	0.5		RLO	104.86	56	ePdiff	27	29.30	2.9X
			epP	25	10.67	51kmX		BAR	86.68	55	eP	26	03.00	-0.2		RSON	106.86	41	e(PKP)	31	44.00	-0.9
MHC	74.55	320	iP	25	00.00	1.3		PLM	86.75	55	eP	26	03.00	-0.8			Z 22s		48.68um			7.0Msz
CD2	74.97	308	P	25	01.00	-0.3		CWC	86.82	51	eP	26	04.00	0.0		ALE	108.76	6	ePdiff	27	52.00	9.3X
			PP	27	54.00			GSC	87.42	53	eP	26	07.00	0.2		ALE	108.76	6	ePKP	31	51.00	3.3X
			S	34	35.00			MNA	87.44	50	eP	26	07.40	0.5			1.0s		22.00nm			
BTO	75.37	319	iPc	25	03.50	0.0					eP'P'	52	03.70			LHC	109.74	43	ePKP	31	54.00	3.6X
			PP	27	58.00			TPC	87.63	54	eP	26	08.00	0.2		AVY	111.42	243	ePKP	31	59.40	4.7X
			iS	34	47.00			PGC	87.69	39	eP	26	08.00	0.4		NNA	112.12	109	ePdiff	27	52.00	-7.2X
LZH	77.27	312	Pc	25	14.70	0.4		LON	87.95	41	iPc	26	06.17	-2.9			Z 20s		8.33um			6.3Msz
			PP	28	08.00						epP	26	19.41	44kmX					e	32	40.00	
			S	35	02.00			GLA	88.27	55	iP	26	12.00	1.1		RSCP	112.47	57	ePdiff	27	49.20	-11.1X
KDC	79.02	21	P	25	24.40	1.2		BRW	88.63	11	eP	26	11.70	0.0		RSCP	112.47	57	ePKP	32	09.00	13.0X
GTA	81.61	314	iPc	25	37.60	0.0		PKI	88.69	299	eP	26	12.80	-0.6		ANT	112.93	123	e(Pdif	28	01.00	-1.5
			PP	28	48.00			BMN	88.79	48	eP	26	14.00	0.6					ePP	32	48.20	
			iS	35	52.50			KKN	88.86	299	eP	26	13.60	-0.5					ePS	42	20.00	
TTA	82.00	16	eP	25	39.20	0.2		DMN	88.96	299	eP	26	14.50	-0.1					eLR	05	08.00	
PMR	83.03	20	P	25	43.30	-1.0		EUR	89.40	49	iP	26	14.20	-2.2		KBS	113.89	355	ePKP	32	03.50	6.0X
PME	83.09	20	eP	25	43.20	-1.4			0.2s		20.10nm			6.1mb		QUR	114.13	97	ePKP	32	08.10	7.7X
	1.0s		250.00nm			6.2mb		PNT	90.28	39	eP	26	19.00	-0.9		HSP	115.19	353	ePKP	32	05.00	5.0X
Z	20s		230.00um			7.5Msz			1.0s		113.00nm			6.2mb					eS	33	22.00	
GCC	84.10	50	eP	25	50.70	0.5		NEW	91.46	41	eP	26	25.00	-0.5		UPA	115.25	87	ePdiff	28	14.00	1.0
FHC	84.15	46	eP	25	51.60	1.1		Z	18s		51.00um			7.0Msz			Z 20s		35.11um			7.0Msz
BRK	84.22	49	eP	25	51.50	0.7		KOD	91.52	280	eP	26	28.00	1.3					i	33	00.00	
BKS	84.24	49	eP	25	51.90	0.9					ePP	30	04.00						i	42	40.00	
	0.9s		204.00nm			6.2mb		WMQ	91.68	315	Pc	26	26.00	-0.6		PSO	115.65	95	ePKP	32	04.50	1.2
Z	20s		246.00um			7.6Msz		MSU	91.93	51	P	26	28.30	0.2		SLA	116.34	127	e(PKP)	32	02.80	-1.2
N	20s		239.00um					HYB	92.20	287	ePc	26	28.00	-1.4		SHI	117.49	296	ePKP	32	10.00	4.0X
E	20s		60.00um						1.4s		850.00nm			7.0mb		FRB	117.52	24	ePKP	32	02.00	-2.7
			e	25	58.10			AIA	92.34	161	e(P)	26	34.00	4.8X		LPB	118.13	118	(PKP)	31	58.00	-9.9X
			e	27	08.10			GBA	92.34	283	Pc	26	29.60	-0.5			0.9s		50.42nm			
			eS	36	16.00				0.9s		25.90nm			5.7mb					i	32	09.20	
			ePPS	37	30.00			INK	92.41	19	eP	26	32.00	2.7X		CHN	118.21	92	ePKP	32	10.00	2.2
			e(SS)	40	50.00				0.7s		17.00nm			5.6mb		ZOBO	118.22	117	(Pdiff	28	32.00	5.1X
			eSSS	45	16.00			LHD	92.45	41	eP	26	31.30	1.2			0.7s		18.10nm			
			eLQ	47	36.00			YKM	92.54	40	eP	26	32.70	2.2					i	32	10.00	
			e	50	04.00			LDM	92.66	41	eP	26	33.50	2.5					LR	02	16.00	
			eLR	51	20.00			CLX	92.70	41	eP	26	31.00	-0.4		KEV	118.80	345	ePdiff	28	28.00	0.4
PRS	84.30	51	eP	25	52.00	0.7		HPI	92.73	46	P	26	34.50	2.8X		KEV	118.80	345	iPKP	32	04.30	-2.7X
SAO	84.41	56	eP	25	50.90	-0.9		RXF	92.91	40	eP	26	32.00	-0.2			0.7s		29.40nm			
MHC	84.48	50	eP	25	52.10	-0.2		LRM	93.76	44	eP	26	37.40	1.0					i	32	09.00	
			eP'P'	52	12.20			BDW	94.96	47	eP	26	42.20	0.2					ePP	33	24.00	
LSA	84.54	302	iPc	25	52.50	-0.7			0.9s		17.95nm			5.5mb					ePKS	35	06.00	
			iS	36	15.00			EDM	95.26	37	eP	26	46.50	3.7X					ePS	43	08.00	
			iSS	41	44.50			ALQ	95.47	56	eP	26	43.30	-1.1					eSS	50	00.00	
ARN	84.56	50	P	25	54.00	1.4			1.1s		50.63nm			5.9mb		OTT	119.27	46	ePKP	32	09.50	0.9
SYP	84.71	53	eP	25	54.00	0.5		Z	20s		106.38um			7.3Msz			0.7s		75.00nm			
ELA	84.73	50	eP	25	54.00	0.5		SES	95.89	40	eP	26	47.00	1.2		BOG	119.64	93	ePdiff	28	34.00	0.9
			ePKKP	44	10.00			AAS	96.35	160	eP	26	57.00	9.3X		BOG	119.64	93	ePKP	32	15.00	4.2X
			eP'P'	52	12.30			Z	18s		17.80um			6.6Msz					ePP	33	35.00	
PRI	84.76	51	eP	25	54.80	1.0					e	30	57.00			RSNY	120.25	46	ePKP	32	11.30	0.7
			ePKKP	44	13.70						e(S)	39	34.00				Z 20s		42.37um			7.1Msz
YAH	84.80	23	eP	25	54.00	0.4					e	52	08.00			SOD	120.56	343	iPKP	32	07.70	-2.7X
WDC	85.07	46	eP	25	55.70	0.7		LTX	96.56	62	eP	26	50.00	0.7		MNT	120.69	45	ePKP	32	12.50	1.2
			eP'P'	52	04.10				1.0s		14.00nm			5.4mb		TRO	120.77	347	ePKP	32	09.30	-1.5
IMA	85.11	15	eP	25	54.60	-0.3		POO	96.81	287	iPc	26	50.90	0.3		BMG	121.13	90	ePKP	32	15.00	1.7
	1.5s		333.30nm			6.3mb			1.5s		666.67nm			6.9mb		KER	121.95	302	ePKP	32	15.00	0.7
ORV	85.41	48	eP	25	56.80	0.0					IS	37	27.50			EVA	122.30	226	e(PKP)	32	12.50	-2.8X
			ePKKP	44	05.00			YKA	97.21	27	eP	26	49.60	-1.8		KJF	122.37	340	ePdiff	28	52.00	8.4X

KJF	122.37	340	iPKP	32	11.30	-2.6X
	0.8s	117.40nm				
			i	32	16.90	
			ePP	33	52.00	
			ePKS	35	24.00	
			iSKS	39	18.80	
SLY	123.14	303	iPKPc	32	15.00	-1.3
			i	34	02.00	
UAV	123.31	89	ePKP	32	19.20	1.7
SLR	123.34	226	PKP	32	16.00	-1.2
SUR	123.42	215	iPKPc	32	18.60	1.3
	1.0s	124.00nm				
BFS	123.61	224	iPKPc	32	16.00	-1.8
	1.0s	330.00nm				
SDV	123.86	89	ePKP	32	16.40	-2.2
SUF	123.87	339	iPdiff	28	46.90	-3.4X
	0.8s	15.80nm				
SUF	123.87	339	ePKP	32	10.00	-6.9X
	0.6s	137.70nm				
BHD	124.30	301	ePKP	32	19.00	0.3
			i	34	13.00	
HNME	124.35	43	ePKP	32	20.00	1.6
SWZ	124.40	223	iPKPd	32	18.00	-1.3
	0.5s	28.17nm				
ITB7	124.47	134	ePKP	32	16.60	-2.7X
ITB1	124.63	134	ePKP	32	16.20	-3.3X
ITB	124.66	134	ePKP	32	16.50	-3.1X
TET	124.70	239	iPKP	32	18.00	-1.9
			iPP	34	15.00	
			iSKP	34	58.00	
MSL	124.93	305	ePKP	32	19.50	-0.3
			e	33	33.00	
			iS	34	09.50	
ARO	125.11	274	ePKP	32	19.00	-1.8
NUR	125.89	338	ePdiff	29	12.00	12.7X
NUR	125.89	338	ePKP	32	16.00	-4.9X
	1.0s	392.00nm				
			i	32	24.00	
			ePP	34	08.00	
			ePKS	35	40.00	
MTD	126.02	237	iPKPd	32	20.70	-1.9
			iPP	34	28.10	
			iSKP	35	48.70	
BUL	126.49	232	iPKPc	32	22.30	-1.2
			iSKP	35	49.10	
KRI	127.58	238	ePKP	32	27.80	2.1
			iSKP	35	54.00	
RTB	127.72	301	ePKP	32	24.00	-1.4
			i	34	42.00	
CAR	127.74	87	ePdiff	29	12.00	3.1X
CAR	127.74	87	iPKP	32	28.00	2.0
NAI	127.94	257	ePdiff	29	24.00	14.0X
NAI	127.94	257	ePKP	32	28.00	1.4
	1.2s	78.13nm				
AKU	128.24	2	iPKP	32	29.50	4.3X
	1.1s	263.29nm				
AAE	128.64	270	ePKP	32	28.50	0.5
UPP	128.79	340	e(PKP)	32	19.00	-7.5X
			i	32	29.10	
			i	35	50.90	
SJG	129.35	78	e(PKP)	32	24.00	-4.8X
	0.9s	151.26nm				
	Z 21s	23.66um			6.9Msz	
			i	35	47.10	
REY	129.55	5	iPKP	32	33.20	5.4X
NB2	129.70	345	PKP	32	15.30	-13.0X
	0.7s	34.60nm				
HFS	129.78	343	ePKP	32	25.90	-2.5X
	0.6s	24.80nm				
	Z 23s	134.85um			7.6MszX	
			LR	18	22.00	
HYA	130.76	348	ePKP	32	34.00	3.8X
			iS	36	00.10	
VAO	130.76	138	ePKP	32	33.30	1.8
			e	32	35.90	
			e	32	39.90	
			e	32	57.10	
SUE	131.15	348	iPKP	32	37.40	6.5X
			eS	36	01.70	
KONO	131.31	345	ePKP	32	34.00	2.7X
BHL	131.41	303	PKP	32	25.00	-7.4X
			PP	35	02.50	
			SKP	36	06.00	
HRI	131.46	302	e(PKP)	32	26.00	-6.6X
ASK	131.59	348	ePKP	32	33.40	1.7
			iS	36	01.70	
ODD	131.75	347	ePKP	32	33.00	0.8
			eS	36	03.30	
JER	132.19	300	e(PKP)	32	31.00	-3.0X
PRNI	132.60	298	e(PKP)	32	28.00	-6.7X
ITA	132.67	139	ePKP	32	26.20	-9.2X
			e	32	36.10	
			e	32	47.90	
PPE	132.89	321	ePKPc	32	34.00	-0.7
CLI	132.92	322	ePKPd	32	35.00	0.2
CSS	133.04	305	ePKP	32	37.50	2.1
RDJ	133.20	141	ePdiff	29	36.00	3.2X
STJ	133.28	36	ePKP	32	34.00	-1.4
TLB	133.41	319	ePKPd	32	35.00	-0.7
BRD	133.58	321	ePKPc	32	40.00	3.9X
PSN	133.72	318	iPKPc	32	35.00	-1.3
COP	133.80	340	iPKPd	32	39.10	3.0X
	0.9s	161.34nm				
	Z 21s	107.53um			7.5Msz	
MGG	133.82	81	ePKP	32	39.00	1.7
HRT	133.92	314	ePKP	32	32.00	-4.9X
ISR	134.07	321	ePKPd	32	37.00	-0.1
MUD	134.17	343	ePKP	32	41.00	4.2X
	0.8s	89.00nm				
			e	36	06.00	
YLV	134.23	314	ePKP	32	30.00	-7.6X
ISK	134.25	314	ePKP	32	32.00	-5.5X
MLR	134.26	321	ePKPc	32	30.00	-7.5X
BCK	134.45	309	ePKP	32	31.20	-6.9X
BUC	134.71	320	ePKP	32	40.00	1.8
DMK	134.83	316	ePKP	32	34.00	-4.6X
KRA	134.88	330	ePKP	32	27.00	-11.4X
	1.0s	156.00nm				
	Z 20s	84.90um			7.5Msz	
	N 22s	90.60um				
	E 22s	54.60um				
			e	32	37.00	
			i	32	41.00	
			i	32	43.50	
			e	35	05.00	
BDF	135.00	130	e(PKP)	32	25.10	-14.7X
			i	32	46.90	
KCT	135.07	314	ePKP	32	34.00	-5.1X
ELL	135.19	308	ePKP	32	37.00	-2.6X
ASW	135.20	290	ePKP	32	22.00	-17.8X
			eS	42	08.00	
SPC	135.29	329	ePKP	32	41.00	1.5
JMB	135.32	317	ePKP	32	23.00	-16.5X
EDC	135.37	314	ePKP	32	35.00	-4.6X
HLW	135.80	299	iPKP+	32	28.00	-12.8X
DEV	135.85	323	ePKPc	32	47.00	6.6X
PVL	135.91	319	iPKPd	32	40.00	-0.6
DIM	136.17	317	ePKP	32	32.00	-9.1X
PSZ	136.28	328	ePKP	32	37.80	-3.4X
YER,	136.29	310	ePKP	32	38.00	-3.6X
KDZ	136.52	317	ePKP	32	32.00	-9.8X
IZM	136.57	312	ePKP	32	35.00	-7.0X
EZN	136.66	314	ePKP	32	34.00	-8.1X
PLD	136.72	318	ePKP	32	45.00	2.9X
EDU	136.75	352	ePKPc	32	37.40	-4.3X
			e	32	45.80	
PRK	136.94	313	ePKP	32	29.00	-13.6X
BRG	137.01	335	iPKP	32	37.00	-5.4X
	Z 19s	76.00um			7.4Msz	
	N 19s	47.00um				
	E 19s	28.00um				
			i	32	45.30	
			i	32	55.00	
			iSKP	36	16.00	
			iSKKP	45	15.00	
BUD	137.01	328	ePKP	32	39.00	-3.5X
CLL	137.06	336	ePKP	32	37.00	-5.5X
SSR	137.10	323	iPKP	32	35.00	-7.8X
EBH	137.11	352	ePKPc	32	37.60	-4.8X
SRO	137.16	329	ePKP	32	44.20	1.4
	N 22s	38.80um				
	E 23s	58.90um				
			i	32	55.90	
			i	33	08.00	
			i	35	17.90	
			i	36	21.50	
ESY	137.30	351	ePKP	32	39.20	-3.6X
			e	32	47.00	
PRU	137.42	333	ePKP	32	37.50	-5.7X
	1.3s	142.60nm				
			i	32	48.60	
			e	35	18.00	
VTS	137.44	319	iPKP	32	32.00	-11.4X
EAU	137.50	352	ePKP	32	40.20	-3.0X
ZST	137.51	330	e(PKP)	32	41.90	-1.5
			i	32	49.00	
			e	35	40.60	
			i	36	24.00	
			e	45	08.70	
MMB	137.61	318	ePKP	32	32.00	-11.9X
VKA	137.84	330	ePKPc	32	46.00	1.9
	6.0s	5239.00nm				
	Z 25s	80.50um			7.4MszX	
			i	32	50.00	
			ePP	35	37.00	
BEO	137.87	324	ePKP	32	39.40	-4.8X
			i	32	48.70	
SRS	137.93	317	ePKP	32	34.80	-9.7X
			eS	32	50.70	
ATB	137.93	111	e(PKP)	32	37.20	-8.0X
EKA	137.95	351	PKP	32	41.00	-3.0X
	0.7s	13.50nm				
ESK	137.97	351	ePKP	32	44.20	0.1
WIT	138.06	342	ePKP	32	40.50	-3.8X
MOX	138.13	336	ePKP	32	37.50	-7.1X
			e	32	39.50	
			i	32	44.00	
			i	32	49.00	
			iPP	35	35.00	
			e	36	20.00	
			iSKP	36	25.00	
			PcPP'	45	11.50	
SOP	138.13	330	ePKPd	32	38.90	-5.7X
KNT	138.36	318	ePKP	32	39.70	-5.6X
			eS	33	03.50	
KHC	138.48	333	PKP	32	35.50	-9.8X
			e	32	43.00	
			e	32	49.50	
VAY	138.50	318	iPKP	32	38.60	-6.9X
			i	32	44.80	
			i	35	44.00	
WTS	138.72	341	ePKP	32	42.50	-3.0X
	1.0s	263.00nm				
			e	32	50.00	
			ePP	35	38.50	
NPS	138.97	308	ePKP	32	40.30	-6.3X
KMR	139.02	332	iPKP-	32	51.00	4.8X
			iPP	35	41.80	
GRF	139.04	336	ePKP	32	37.50	-8.7X
	Z 20s	67.00um			7.4Msz	
			e	32	42.60	
			e	32	49.00	
			e	32	51.60	
			ePP	35	43.50	
DBN	139.12	342	ePKP-	32	40.00	-6.2X
	Z 21s	52.00um			7.3Msz	
			ePP	35	30.00	
			ePPP	38	46.00	
LIT	139.16	316	ePKP	32	38.00	-8.8X
ATH	139.29	313	ePKP	32	32.40	-14.6X
KZN	139.53	317	ePKP	32	40.10	-7.4X
TNS	139.66	338	ePKP	32	46.00	-1.4
			ePP	36	29.00	
OHR	139.75	319	iPKP	32	36.20	-11.6X
			i	32	47.20	
TTG	139.97	321	e(PKP)	32	43.50	-4.6X
ENN	140.06	341	ePKP	32	45.00	-3.0X
	1.0s	73.00nm				
			ePP	35	50.00	
KBA	140.10	331	iPKPc	32	45.10	-3.3X
	1.1s	263.00nm				
			i	32	53.00	
			i	32	56.00	
			iPP	35	42.30	
			iSKP	36	25.20	
			iPKS	36	29.70	
MEM	140.17	341	PKP	32	43.20	-4.9X
			iPKS	36	31.00	
LJU	140.27	329	ePKP	32	40.30	-8.2X
			i	32	47.50	
			e	34	26.00	
			i	34	34.40	
			e	34	48.00	
			e	36	26.00	
UCC	140.52	342	PKP	32	41.00	-7.8X
			PP	35	52.00	
			PKS	36	31.00	
			e	49	39.00	
VOY	140.59	330	iPKP	32	40.70	-8.5X
			e	32	50.10	
			e	34	36.20	

21d 01h

SNF	140.79	342	PKP	32	47.10	-2.2
			PKS	36	31.80	
TRI	140.88	329	e(PKP)	32	45.10	-4.5X
			i	32	55.10	
			i	33	10.00	
			i(PP)	35	48.50	
			i(SKP)	36	31.30	
			i(PSKS	46	24.00	
			i(PPS)	49	24.00	
			i(SS)	54	22.00	
			i(SSS)	00	04.00	
ETA	140.93	353	ePKP	32	45.40	-4.1X
	1.1s	370.00nm				
WLF	140.94	340	PKP	32	45.50	-4.1X
			e	34	38.00	
			PKS	36	32.60	
GWF	141.00	338	ePKP	32	48.80	-1.0
DOU	141.06	341	PKP	32	40.00	-9.8X
	Z 23s	76.30um			7.4MszX	
			e	34	38.00	
			PKS	36	32.90	
			PPS	46	10.00	
OGA	141.31	333	ePKP	32	44.40	-6.3X
ECB	141.32	353	ePKP	32	46.60	-3.6X
	1.0s	220.00nm				
VLS	141.39	315	ePKP	32	44.60	-6.2X
ECP	141.46	353	ePKP	32	51.60	1.2
	0.9s	480.00nm				
CDF	141.69	338	ePKP	32	43.90	-7.1X
SLE	141.66	336	ePKPc	32	48.40	-2.6X
SAX	141.73	335	ePKPc	32	48.90	-2.6X
OSS	141.84	333	ePKPc	32	45.30	-6.3X
ZUL	141.94	336	ePKPc	32	49.10	-2.4X
VAL	142.03	357	iPKP	32	54.60	3.2X
MOF	142.12	337	ePKP	32	51.60	-0.3
LLS	142.18	335	ePKPd	32	48.70	-3.5X
BSF	142.26	336	ePKP	32	46.40	-5.8X
HAU	142.28	338	ePKP	32	46.20	-5.9X
VDL	142.28	334	ePKPd	32	46.80	-5.6X
ROF	142.35	337	ePKP	32	54.00	1.8
TMA	142.84	334	ePKPc	32	47.50	-5.8X
MMK	143.26	335	ePKPc	32	50.00	-4.1X
DIX	143.47	335	ePKPc	32	51.10	-3.4X
FIR	143.51	329	ePKP	32	49.50	-4.7X
			i	36	40.00	
EMS	143.67	336	ePKPd	32	51.40	-3.3X
FLN	143.68	345	ePKP	32	49.60	-4.8X
LDF	143.75	345	ePKP	32	50.40	-4.1X
LOR	143.78	340	ePKP	32	50.60	-4.0X
LBF	143.98	340	ePKP	32	51.10	-3.9X
GRC	144.01	341	iPKPd	32	52.20	-2.8X
			i	32	59.20	
SSF	144.07	340	ePKP	32	51.50	-3.6X
GRR	144.12	346	ePKP	32	51.60	-3.5X
LPG	144.21	335	ePKP	32	52.90	-2.9X
SMF	144.32	339	ePKP	32	52.10	-3.5X
AVF	144.36	340	ePKP	32	52.10	-3.5X
SOB1	144.36	129	iPKPd	32	52.20	-4.4X
			e	32	55.20	
			i	32	59.00	
			eS	36	35.50	
			i	36	39.50	
LPF	144.50	346	ePKP	32	52.70	-3.1X
BGF	144.73	340	ePKP	32	53.80	-2.5X
FOUF	144.98	334	PKP	32	54.80	-1.9
			PP	36	42.80	
MZF	145.12	340	iPKPc	32	55.10	-1.9
TCF	145.18	341	ePKP	32	55.00	-2.1
LSF	145.42	342	ePKP	32	55.80	-1.7
CVF	145.58	330	iPKPc	32	56.30	-1.6
MFF	145.59	344	ePKP	32	56.30	-1.4
FRF	145.82	334	iPKPc	32	57.10	-1.1
LRG	146.03	334	iPKPc	32	57.80	-0.7
CDR	146.10	335	iPKPc	32	58.00	-0.7
			i	33	04.80	
			i	33	24.10	
			iPP	36	21.50	
RJF	146.27	341	ePKP	32	58.70	-0.2
CAF	146.43	340	ePKP	32	58.70	-0.5
ITR	146.50	131	ePKP	32	58.90	-3.3X
			i	33	01.80	
			iS	36	42.90	
LFF	146.85	341	ePKP	33	00.20	0.4
LPO	146.93	341	ePKP	33	00.30	0.3
BNG	147.64	256	iPKPc	32	58.40	-2.7X
	0.9s	377.00nm				
			id	34	30.00	
			ic	36	06.50	
SMCF	148.40	337	PKP	33	04.60	2.1
MLS	148.50	339	iPKPc	33	04.60	2.0
			i	33	11.20	
EPF	148.68	340	ePKP	33	05.70	2.8X
OGE	148.82	341	PKP	33	06.60	3.5X
ESCF	148.93	342	PKP	33	08.70	5.4X
MADF	148.95	342	PKP	33	06.10	2.8X
ISSF	149.05	342	PKP	33	07.10	3.5X
LGR	150.06	344	ePKP	33	07.00	2.0
EBR	150.59	338	ePKP	33	05.00	-0.7
			ePP	36	51.00	
STS	150.87	353	iPKPd	33	11.00	4.9X
			Sg	33	17.00	
PTO	152.60	352	ePKP	33	10.00	1.3
TOL	152.89	344	ePKP	33	06.00	-3.2X
			i	33	10.50	
ABA	152.89	330	iPKP	33	13.00	3.7X
ALI	153.11	337	iPKP+	33	11.00	1.5
			iPP	37	03.00	
MTE	153.15	350	ePKP	33	11.00	1.4
COI	153.48	351	ePKP	33	11.30	1.3
PRL	154.18	349	ePKP	33	15.00	3.9X
MTH	154.88	352	iPKP	33	16.00	4.1X
CRT	155.25	341	iPKP	33	15.00	2.5X
MAL	155.92	342	iPKP	33	09.00	-4.4X
			i	33	28.50	
			iPP	37	05.00	
			iPPP	40	36.00	
			iPPS	50	10.00	
			iSS	56	38.00	
SFS	156.67	345	ePKP	33	24.00	9.6X
			e	34	06.00	
			ePP	37	25.00	
			ePPP	40	48.00	
			iSKKKS	44	19.00	
			ePKKP	46	50.00	
			eSS	57	12.00	
TAF	156.96	336	iPKPd	33	16.00	1.1
			i	33	22.00	
			i	37	28.50	
IFR	159.11	340	ePKP	33	16.00	-1.6
			i	33	19.00	
			i	34	00.50	
AVE	159.98	345	iPKP	33	18.00	-0.3
			i	33	23.00	
			i	33	58.50	
TEN	165.35	10	ePKP	33	28.00	4.4X
			iPP	38	17.50	
KIC	168.55	230	ePKP	33	25.30	-1.1
	1.1s	664.00nm				
MBO	176.61	82	iPKPc	33	29.90	0.4
	S.D. = 1.2	on 263 of 456 obs.				

DEC 21, 1985 01h 49m 39.69± 0.32s
42.267 N ± 4.3km 19.930 E ± 3.1km
DEPTH = 10.0km (geophysicist)
4.0mb (2 obs.)
YUGOSLAVIA (383)
DUR 3.5 (TTG).

PVY	0.33	6	iPgc	49	45.60	-1.0
TTG	0.52	288	iPgc	49	49.50	-0.8
			eSg	49	59.50	
ULC	0.59	239	iPgc	49	52.00	0.4
			eSg	50	02.00	
IVA	0.60	358	iPgc	49	50.70	-1.3
			eSg	49	59.50	
BDV	0.82	271	ePg	49	55.00	-0.5
			eSg	50	10.00	
NKY	0.88	309	iPgc	49	56.00	-0.6
			eSg	50	10.00	
SKO	1.16	104	ePn	50	00.60	-0.8
			i	50	04.80	
			iSn	50	17.00	
BRY	1.20	302	ePg	50	02.40	0.2
			eSg	50	21.00	
OHR	1.33	150	iPn	50	02.70	-1.5
			iSn	50	22.70	
VAY	2.19	115	iPn	50	16.80	0.0
			iSn	50	45.80	
GRG	2.27	124	eP	50	18.10	0.3
VTS	2.44	81	eP	50	21.00	0.8
KNT	2.48	115	eP	50	20.60	-0.2
			eS	50	48.20	
THE	2.81	125	eP	50	25.40	0.0
LIT	2.90	137	eP	50	27.20	0.4
SSR	2.91	26	iP	50	27.00	0.1
MMB	2.91	102	iPc	50	29.00	2.0
SRS	2.97	112	eP	50	27.60	-0.2
			eS	50	59.30	
PLD	3.55	91	eP	50	37.00	1.0
OUR	3.61	121	ePc	50	36.50	-0.3
PAIG	3.67	128	eP	50	37.40	-0.3
GZR	3.74	32	ePd	50	39.00	0.1
PVL	3.96	75	eP	50	36.00	-5.8X
KDZ	4.09	97	iP	50	44.00	0.4
DEV	4.20	30	ePc	50	52.00	6.8X
DIM	4.21	91	eP	50	56.00	10.7X
			eSg	51	01.00	
JMB	4.93	85	eP	50	55.00	-0.6
BUC	4.98	62	eP	51	36.00	39.7X
BUD	5.26	353	ePn	50	59.00	-1.1
CEY	5.27	313	ePn	51	02.80	2.4
			eSn	52	06.20	
MLR	5.41	51	ePd	51	04.00	1.5
LJU	5.41	316	ePn	51	04.50	2.1
	2.0s	3150.00nm			6.6mb X	
			i	51	06.00	
			eSn	52	12.50	
TRI	5.62	310	iPnd	51	06.00	0.7
			iSn	52	10.60	
			i	52	46.60	
			i	52	53.30	
PSZ	5.65	360	iPnd	51	04.00	-1.8
SRO	5.66	349	i(Pn)	51	06.40	0.5
			i	52	17.80	
			e	09	58.30	
VOY	5.75	313	iPn	51	08.20	1.0
			e	52	16.60	
DMK	5.85	92	ePn	51	28.00	19.5X
PSN	6.22	74	eP	51	12.00	-1.7
VKA	6.52	338	e(Pn)	51	25.00	7.1X
			i(Sn)	52	32.50	
FIR	6.53	286	ePn	51	24.00	5.8X
			eSn	52	38.00	
KBA	6.72	318	iPnc	51	21.80	0.8
			i(Sn)	52	41.70	
BHG	7.39	320	eP	51	31.90	1.7
KHC	8.17	329	P	51	40.00	-1.2
			i	51	44.00	
PRU	8.58	336	eP	51	54.50	7.8X
			e	53	33.00	
GRF	9.58	324	eP	52	40.00	39.4X
			eS	54	50.00	
LPG	10.05	293	Pn	52	07.70	0.3
	1.4s	122.00nm			6.2mb X	
			Sn	53	56.40	
MOX	10.15	329	e(P)	52	17.00	8.6X
BSF	10.83	305	Pn	52	17.60	-0.2
	1.2s	36.00nm			5.6mb X	
			Sn	54	14.40	
HAU	11.17	306	Pn	52	24.50	2.0
			Sn	54	24.00	
SMF	12.30	296	Pn	52	35.40	-2.3
	1.2s	36.00nm			5.5mb X	
			Sn	54	48.00	
LBF	12.30	298	Pn	52	36.00	-1.8
	0.6s	18.00nm			5.5mb X	
			Sn	54	48.00	
LOR	12.46	299	Pn	52	39.40	-0.5
	0.6s	9.00nm			5.2mb X	
			Sn	54	54.00	
SSF	12.63	298	Pn	52	40.70	-1.4
			Sn	54	58.40	
AVF	12.66	297	Pn	52	42.60	0.1
BGF	12.94	295	Pn	52	47.40	1.1
			Sn	55	08.00	
NB2	19.53	347	P	54	08.80	-1.2
	0.5s	1.20nm			3.4mb	
SUF	20.81	8	eP	54	23.00	-0.4
KJF	22.43	9	iP	54	41.10	1.5
	0.8s	14.70nm			4.5mb	
	S.D. = 1.2	on 48 of 58 obs.				

DEC 21, 1985 02h 06m 28.84± 0.17s
14.082 S ± 4.5km 166.579 E ± 3.6km
DEPTH = 33.0km (normal)
5.3mb (19 obs.)
VANUATU ISLANDS (186)

PVC	4.00	156	iPc	07	33.50	4.1X
			iS	08	26.50	
DZM	7.95	181	iPc	08	23.20	-1.9

			IS	09	58.80		IPM	67.60	281	ePd	17	25.20	0.2	WLF	141.06	340	PKPc	26	00.20	2.7X
HNR	7.97	305	eP	08	25.00	-0.3				e	17	43.20		DOU	141.19	341	PKP	25	53.10	0.4
NOU	8.18	181	IPc	08	27.50	-0.8	SNY	68.30	327	eP	17	28.00	-0.8	CDF	141.73	338	ePKP	25	55.50	-3.4X
SVO	8.24	306	eP	08	31.00	1.9	TIA	68.41	319	eP	17	28.80	-0.8	BSF	142.39	338	ePKP	25	56.50	-3.6X
NDF	11.08	111	eP	09	10.50	2.4	CN2	68.75	329	Pc	17	30.80	-0.7	HAU	142.41	338	ePKP	25	56.70	-3.3X
VUN	12.07	110	ePc	09	21.70	0.1	PSI	69.07	278	ePc	17	34.60	0.5	FIR	143.64	329	ePKP	25	59.00	-3.2X
ALOA	16.28	282	eP	10	19.00	2.3		0.8s		6.50nm			4.7mb	FLN	143.81	345	ePKP	25	59.10	-3.2X
BRS	18.47	222	P	10	47.00	2.9X				e	21	30.00		LDF	143.88	345	ePKP	25	59.40	-3.0X
KVG	19.34	305	eP	11	01.00	6.5X	TSI	69.64	279	e(P)	17	57.00	19.4X	LOR	143.90	348	ePKP	25	59.80	-2.8X
PMG	19.57	282	eP	10	58.00	0.9	GYA	70.80	305	P	17	44.80	0.2	LBF	144.11	340	ePKP	26	00.10	-2.9X
CTA	20.32	250	iPd	11	06.30	1.3	LOE	71.22	294	eP	17	47.00	-0.1	GRC	144.14	341	iPKPc	26	01.50	-1.4
	0.6s		5.00nm			4.0mb X	NST	72.02	292	eP	17	52.40	0.5	SSF	144.20	340	ePKP	26	00.70	-2.4X
RMO	20.75	231	eP	11	10.00	0.6	TIY	72.33	318	P	17	53.80	0.3	SOB1	144.24	129	ePKP	26	01.20	-2.9X
	0.4s		146.00nm			5.7mb	XAN	72.76	313	P	17	55.60	-0.5				e	26	04.70	
CRZ	21.00	166	eP	11	11.00	-0.9	BSI	73.32	280	eP	18	02.00	2.4				eS	29	37.00	
COO	21.27	217	iPd	11	16.30	1.6	KMI	73.40	302	Pc	18	00.50	0.3				e	29	43.90	
MDG	22.28	291	eP	11	27.00	2.1				eS	27	27.00		GRR	144.25	346	ePKP	26	00.30	-2.8X
RIV	24.13	213	eP	11	45.00	2.3				iS	27	33.00		LPG	144.34	335	ePKP	26	01.20	-2.5X
KRP	25.05	163	P	11	51.70	0.2	CHG	74.20	294	iPd	18	05.40	0.7	SMF	144.45	339	ePKP	26	01.10	-2.4X
CMS	25.73	224	eP	11	58.00	-0.1		0.8s		13.43nm			5.0mb	AVF	144.49	340	ePKP	26	01.20	-2.3X
CAN	26.41	214	eP	12	08.00	3.6X	HHC	74.66	320	P	18	07.50	0.4	LPF	144.62	346	ePKP	26	00.90	-2.8X
			i	12	46.30		CD2	75.09	308	eP	18	10.20	0.6	BGF	144.86	340	ePKP	26	02.20	-2.0
GNZ	26.48	160	eP	12	12.00	7.2X	BTO	75.50	319	eP	18	12.00	0.1	MZF	145.25	340	ePKP	26	03.50	-1.4
WAM	27.14	213	eP	12	12.50	1.6	SPA	76.01	180	eP	18	13.00	-1.4	TCF	145.31	341	ePKP	26	03.40	-1.6
MNG	27.56	165	P	12	13.40	-1.4		0.9s		51.00nm			5.5mb	LSF	145.55	342	ePKP	26	04.20	-1.2
			PP	12	50.00		LZH	77.39	312	P	18	24.00	1.4	CVF	145.71	330	ePKP	26	04.70	-1.1
			S	16	57.00		GTA	81.74	314	P	18	46.30	0.4	MFF	145.72	344	ePKP	26	04.70	-0.9
TOO	29.98	215	eP	12	41.00	4.3X	LSA	84.65	302	eP	19	00.40	-1.0	FRF	145.95	334	ePKP	26	05.30	-0.8
WB2	31.33	255	eP	12	47.90	-0.7	SYP	84.73	53	eP	19	03.00	1.7	LRG	146.16	334	ePKP	26	06.20	-0.3
			i	13	19.00		ORV	85.44	47	eP	19	04.80	0.2	LMR	146.20	333	ePKP	26	06.10	-0.4
WRA	31.34	255	eP	12	47.90	-0.8	JAS1	85.62	49	eP	19	04.50	-1.0	CDR	146.23	335	ePKPc	26	06.10	-0.5
WRA	31.34	255	Pd	12	55.70	7.0X	COL	85.94	18	eP	19	05.00	-1.5				i	26	08.80	
	1.6s		96.20nm			5.4mb		0.8s		16.79nm			5.3mb				i	26	38.10	
ASPA	32.29	248	eP	12	56.00	-1.1	MWC	86.11	53	eP	19	10.00	1.7	ITR	146.38	131	ePKP	26	04.60	-3.1X
ADE	32.60	225	iPc	13	00.40	0.7	ISA	86.28	52	eP	19	10.00	1.1				e	26	06.30	
	0.8s		29.85nm			5.2mb	RVR	86.57	54	eP	19	07.00	-3.3X				i	26	37.20	
TAU	33.17	206	eP	13	05.00	0.6	BAR	86.70	55	eP	19	12.00	1.0				i	26	46.80	
KNA	36.54	262	eP	13	33.50	-0.1	PLM	86.76	55	eP	19	13.00	1.5	RJF	146.40	341	ePKP	26	07.10	0.3
WBN	39.28	246	eP	13	57.00	0.5	CWC	86.85	51	eP	19	11.00	-0.8	CAF	146.56	340	ePKP	26	07.40	0.3
AFR	42.07	101	iP	14	19.60	0.2	GSC	87.44	53	eP	19	16.00	1.4	LFF	146.98	341	ePKP	26	08.50	0.8
	1.0s		40.00nm			5.1mb	TPC	87.65	54	eP	19	16.00	0.5	LPO	147.06	341	ePKP	26	08.90	1.0
KUPT	42.16	270	eP	14	25.50	5.3X	GLA	88.29	55	eP	19	20.00	1.4	BNG	147.07	256	iPKPd	26	08.00	-0.8
PAE	42.25	101	iP	14	21.20	0.2	PKI	88.80	299	iP	19	21.60	0.0		0.9s		36.00nm			
	1.0s		35.00nm			5.0mb	KKN	88.97	299	iP	19	22.20	0.0				id	27	12.40	
PPT	42.26	101	iP	14	21.40	0.3	DMN	89.07	299	iP	19	23.00	0.2				id	27	48.90	
	1.0s		40.00nm			5.1mb	WMQ	91.80	315	P	19	35.50	0.7	MLS	148.63	339	iPKPd	26	13.40	2.9X
PPN	42.40	101	eP	14	23.00	0.8	HYB	92.29	287	eP	19	37.00	-0.5	EPF	148.81	340	ePKP	26	14.00	3.2X
	1.0s		50.00nm			5.2mb	GBA	92.43	283	Pc	19	39.10	1.0	LGR	150.19	344	ePKP	26	19.00	6.1X
TVO	42.56	101	eP	14	25.00	1.4		0.5s		4.30nm			5.1mb	EBR	150.72	338	ePKP	26	19.00	5.3X
	1.0s		60.00nm			5.3mb	INK	92.49	19	eP	19	45.00	7.6X	TOL	153.01	344	ePKP	26	24.00	6.9X
PMO	44.02	97	iP	14	36.40	1.1	YKA	97.28	27	eP	19	58.10	-1.2				i	26	58.00	
	1.3s		255.00nm			5.9mb	KEV	118.93	345	ePKP	25	14.00	-1.0				i	26	54.00	
			ipP	15	07.30	137kmX				i	25	44.50		TAF	157.09	336	ePKP	26	31.00	8.2X
VAH	44.25	97	iP	14	38.10	0.8	SOD	120.69	343	ePKP	25	16.00	-2.4X				i	27	01.00	
	1.3s		150.00nm			5.7mb	KJF	122.49	340	iPKP	25	20.10	-1.8	IFR	159.24	340	iPKP	26	27.00	1.6
			ipP	15	09.10	137kmX		0.7s		26.70nm				AVE	160.10	345	ePKP	26	31.00	4.9X
TPT	44.29	97	iP	14	38.40	0.9				i	25	51.80		KIC	168.52	229	ePKP	26	33.40	-0.7
	1.3s		180.00nm			5.7mb	SUF	124.00	339	iPKP	25	23.00	-1.9		S.D. = 1.1		on 131 of 172 obs.			
			ipP	15	09.40	137kmX		0.6s		15.30nm										
RUV	44.50	97	iP	14	40.20	1.0	MTD	126.01	237	iPKPd	25	29.50	-0.8		DEC 21, 1985 02h 07m 48.60± 0.58s					
	1.3s		185.00nm			5.8mb	NUR	126.02	338	ePKP	25	27.00	-1.9		50.192 N ± 5.2km 12.414 E ± 4.4km					
			ipP	15	11.00	136kmX				i	25	58.90			DEPTH = 20.3 ± 7.9 km					
MBL	44.98	254	eP	14	43.00	-0.1	BUL	126.47	231	iPKPd	25	30.20	-1.0		GERMANY					(543)
MEK	46.48	247	IPd	14	55.20	0.3	KRI	127.57	236	iPKPd	25	33.10	-0.2		ML 4.0 (FUR), 3.7 (GRF), 3.7					
MKS	47.19	276	eP	15	15.60	14.9X	SJG	129.31	78	ePKP	25	34.00	-2.5		(KBA), 4.2 (VKA). Felt (IV) at					
KLB	47.84	240	eP	15	05.00	-0.6	NB2	129.83	345	PKP	25	35.00	-1.2		Selb and Rehau.					
NWAO	48.51	238	iPd	15	10.50	-0.3		0.7s		6.00nm										
	0.6s		30.00nm			5.5mb	HFS	129.91	343	ePKP	25	34.50	-1.8	HOF	0.37	290	iPgd	07	55.50	-0.9
MRWA	49.00	243	eP	15	14.50	-0.1		0.7s		6.00nm				MOX	0.68	312	iPg	08	01.50	-0.2
	0.6s		13.00nm			5.1mb	BDF	134.88	130	e(PKP)	25	45.50	-1.8				iSg	08	10.50	
NAU	49.02	252	eP	15	15.00	0.2	KRA	135.01	330	ePKP	25	48.50	2.2	GRF	0.92	237	iPgc	08	06.50	0.8
MUN	49.20	240	eP	15	15.00	-1.1	KSP	136.16	333	ePKP	25	49.00	0.5				eSg	08	19.00	
KHKI	50.24	271	eP	15	23.30	-1.0				e	29	19.00					eLg	08	21.40	
			e	19	16.50					i	29	26.50		WET	1.09	164	iPgc	08	09.10	0.4
PPR	53.05	294	ePc	15	47.50	2.1	PSZ	136.41	328	ePKP	25	48.80	-0.4	CLL	1.18	18	iPg	08	09.20	-0.8
TRT	53.26	271	IPd	15	47.50	0.5	BRG	137.14	335	ePKP	25	51.20	0.8				iSg	08	24.80	
MAN	53.31	301	eP	15	46.00	-1.3		0.7s		10.00nm				BRG	1.19	54	iPg	08	10.00	-0.1
KKM	53.82	288	ePc	15	51.00	-0.2				e	26	01.00					iSg	08	25.00	
BAG	54 62	302	eP	15	56.10	-1.0	CLL	137.19	336	iPKPd	25	54.90	4.5X	KHC	1.30	144	iPg	08	12.00	0.3
MAT	57.03	333	iPd	16	12.60	-1.4	SRO	137.29	328	ePKP	25	54.90	4.2X				iSg	08	29.00	
			iS	16	44.00		PRU	137.55	333	ePKP	25	51.50	0.3	PRU	1.39	98	Pnd	08	12.50	-0.3
SHK	58.10	327	eP	16	19.60	-1.9	ZST	137.64	330	ePKP	25	50.90	-0.5				Pg	08	13.30	
SSE	62.59	317	eP	16	52.00	-0.2	MOX	138.26	336	e(PKP)	25	54.00	1.5X				Sg	08	30.20	
GZH	63.86	305	eP	17	01.50	0.7	KHC	138.61	333	PKP	25	53.00	-0.2	FUR	2.16	201	ePn	38	28.50	4.4X
KGM	64.67	279	eP	17	07.00	0.8				e	26	22.90					iPgc	08	31.70	
NJ2	64.75	316	Pc	17	06.60	0.2	GRF	139.17	336	e(PKP)	25	47.80	-6.4X	BHG	2.49	173	iPgd	08	36.00	7.2X
WHN	67.01	312	P	17	20.50	-0.4	MEM	140.30	341	PKP	25	55.60	-0.5	STU	2.53	237	e(Pg)c	08	35.50	6.1X

21d 02h

0.4s 101.69nm
TNS 2.55 272 ePb 08 37.10 7.5X
eSg 09 08.70
KSP 2.56 74 ePn 08 29.00 -0.8
iPg 08 35.50
iS 09 07.00
GAP 2.86 199 iPgc 08 43.50 9.5X
KBA 3.18 168 i(Pn) 08 40.00 1.3
0.7s 8.10nm
iSg 09 20.60
i 26 14.00
VKA 3.20 126 ePn 08 39.00 0.1
iPg 08 47.70
iSn 09 15.30
iSg 09 27.60
i 09 30.50
GWF 3.35 251 ePn 08 40.80 -0.1
ePg 08 52.40
eSn 09 34.00
SLE 3.54 228 eP 08 41.50 -2.2
ZUL 3.80 226 eP 09 00.30 13.0X
CDF 3.80 244 Pn 08 47.80 0.3
0.9s 190.00nm
Pg 09 01.60
Sg 09 50.00
OSS 3.82 204 eP 08 46.80 -1.0
WTS 3.97 299 ePg 09 03.00 13.4X
eSg 09 58.00
WLF 4.08 265 Pn 08 52.10 0.9
MEM 4.12 278 Pn 08 54.00 2.2
ENN 4.19 280 ePg 09 06.50 13.7X
eSg 10 01.50
VOY 4.28 166 e(Pn) 09 11.10 16.9X
eSn 10 08.20
BSF 4.39 240 Pn 08 55.00 -0.8
0.8s 116.00nm
Pg 09 11.10
Sg 10 06.10
HAU 4.53 244 Pn 08 57.20 -0.8
0.6s 94.00nm
Pg 09 13.40
Sg 10 11.20
TRI 4.58 168 ePn 08 58.00 -0.4
iSn 09 50.20
i 10 19.50
CEY 4.66 162 eP 09 57.20 57.6X
eSg 10 16.70
KRA 4.84 89 ePn 09 20.50 18.4X
eSn 10 15.40
DOU 5.03 272 Pn 09 14.40 9.7X
PSZ 5.42 112 ePn 09 09.70 -0.6
LPG 6.05 221 Pg 09 43.20 23.8X
0.8s 46.00nm
Sg 11 09.80
LBF 6.45 243 Pg 09 49.80 25.0X
0.6s 25.00nm
Sg 11 10.80
SSF 6.68 245 Pg 09 54.30 26.2X
0.8s 30.00nm
Sg 11 20.40
SMF 6.72 241 Pg 09 54.00 25.4X
0.8s 43.00nm
Sg 11 20.00
GRC 6.82 248 iPgc 09 57.50 27.5X
iSg 11 24.30
S.D. = 1.0 on 21 of 38 obs.

• DEC 21, 1985 02h 12m 50.26± 2.61s
39.215 N ±10.6km 26.259 E ±25.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EZN 0.61 5 iPg 13 02.70 0.1
iSg 13 12.70
IZM 1.13 136 iPn 13 11.50 0.0
EDC 1.68 47 iPn 13 20.50 0.8
KCT 1.92 57 iPn 13 23.50 0.2
YLV 2.75 80 ePn 13 41.50 6.2X
ISK 2.83 49 ePn 13 35.50 -0.9
DMR 2.84 23 iPn 13 36.30 -0.2
VAY 3.52 308 ePn 13 56.00 9.9X
S.D. = 0.7 on 6 of 8 obs.

DEC 21, 1985 02h 23m 41.68± 0.30s
13.938 S ± 6.1km 166.574 E ± 6.4km
DEPTH = 33.0km (normal)
5.2mb (13 obs.)

VANUATU ISLANDS (186)
PVC 4.13 156 eP 24 53.50 9.4X
iS 25 43.00
HNR 7.88 304 eP 25 37.00 0.0
DZM 8.09 181 iPc 25 38.30 -1.6
iS 27 15.90
SVO 8.15 305 eP 25 42.00 1.3
NOU 8.33 181 iPc 25 40.00 -3.1
iS 27 23.20
NDF 11.13 111 eP 26 27.00 5.3X
VUN 12.13 111 eP 26 40.10 4.9X
BRS 18.57 222 iP 28 01.10 2.9X
CTA 20.36 250 iPd 28 19.30 1.0
1.1s 83.54nm 5.0mb
RMO 20.84 230 eP 28 25.00 1.8
COO 21.38 217 eP 28 30.00 1.3
RIV 24.25 213 eP 28 59.00 2.3
KRP 25.18 163 eP 29 07.00 1.3
CMS 25.83 224 eP 29 12.00 0.2
CAN 26.53 214 eP 29 19.80 1.5
WAM 27.25 212 eP 29 25.90 1.1
MNG 27.70 165 P 29 33.00 4.1X
STK 29.01 228 iPd 29 41.50 0.7
0.7s 91.00nm 5.6mb
WRA 31.37 255 Pc 30 01.10 -0.8
0.9s 35.70nm 5.2mb
ASPA 32.34 248 eP 30 09.00 -1.3
TAU 33.30 206 eP 30 19.00 0.6
KNA 36.56 262 iPd 30 46.60 0.0
0.9s 70.00nm 5.6mb
PMO 44.04 97 iP 31 50.20 1.8
1.2s 40.00nm 5.1mb
VAH 44.28 98 iP 31 51.60 1.3
1.2s 40.00nm 5.1mb
TPT 44.31 97 iP 31 52.30 1.7
1.2s 35.00nm 5.1mb
RUV 44.52 98 iP 31 53.80 1.5
1.2s 40.00nm 5.1mb
M8L 45.01 254 eP 31 56.00 -0.2
0.8s 62.00nm 5.6mb
MEK 46.53 247 eP 32 08.70 0.5
KL8 47.90 240 eP 32 18.00 -0.9
NWAO 48.58 238 eP 32 23.00 -1.2
0.6s 27.00nm 5.5mb
MRWA 49.06 243 eP 32 27.00 -0.9
NAU 49.06 252 iPd 32 27.90 0.0
MUN 49.27 240 eP 32 39.00 9.5X
MAT 56.90 333 iPc 33 25.00 -0.9
1.0s 28.00nm 5.2mb
IPM 67.56 281 ePd 34 38.00 0.4
CN2 68.62 329 eP 34 41.00 -2.6
PSI 69.05 278 ePc 34 47.60 0.8
0.7s 6.20nm 4.8mb
GYA 70.71 305 P 34 57.00 0.1
TIY 72.22 318 eP 35 06.60 0.9
XAN 72.66 313 Pd 35 08.80 0.5
KMI 73.32 302 Pd 35 13.50 0.9
E 20s 5.60um
S 44 43.00
GTA 81.64 314 Pd 35 59.20 1.0
SHL 82.60 299 iP 36 04.50 0.9
COL 85.81 18 eP 36 20.00 1.3
HYB 92.25 287 eP 36 50.00 -0.1
INK 92.36 19 eP 36 50.00 0.4
GBA 92.39 283 Pc 36 51.60 0.8
0.7s 6.10nm 5.1mb
TPZ 117.78 124 Pdiff 38 44.10 -1.1
KJF 122.36 340 ePKP 42 33.00 -1.5
NUR 125.89 338 ePKP 42 40.00 -1.5
MTD 126.08 237 ePKP 42 42.00 -1.3
BUL 126.56 232 iPKPc 42 43.00 -1.2
KRI 127.64 236 ePKP 42 45.50 -0.8
APO 129.37 343 ePKP 42 46.90 -1.2
0.5s 2.20nm
NB2 129.69 345 PKP 42 47.60 -1.2
0.7s 1.40nm
FIR 143.52 329 ePKP 43 22.00 7.2X
SSF 144.07 340 ePKP 43 14.00 -1.7X
0.7s 4.40nm
SMF 144.32 339 ePKP 43 13.60 -2.5X
SOB1 144.34 129 ePKP 43 09.20 -7.9X
e 43 16.00
AVF 144.35 340 ePKP 43 13.70 -2.4X
LPF 144.48 346 ePKP 43 15.30 -1.0
0.6s 9.00nm
BGF 144.72 340 ePKP 43 16.00 -0.8

0.7s 8.80nm
MZF 145.11 340 ePKP 43 16.70 -0.8
1.0s 14.80nm
TCF 145.17 341 ePKP 43 16.60 -1.0
LSF 145.41 342 ePKP 43 17.00 -1.0
MFF 145.58 344 ePKP 43 17.70 -0.6
0.6s 16.90nm
CVF 145.58 330 ePKP 43 17.80 -0.6
FRF 145.82 334 ePKP 43 18.70 -0.1
1.0s 16.00nm
LRG 146.03 334 ePKP 43 19.40 0.3
1.0s 20.00nm
LMR 146.07 334 ePKP 43 19.30 0.1
1.0s 16.00nm
ITR 146.47 131 ePKP 43 18.80 -1.9
LFF 146.84 341 ePKP 43 21.80 1.5
0.8s 10.70nm
LPO 146.93 341 ePKP 43 22.10 1.6
KIC 168.61 229 ePKP 43 50.00 3.0X
S.D. = 1.2 on 62 of 74 obs.

DEC 21, 1985 02h 46m 33.27± 0.13s
14.092 S ± 3.5km 166.654 E ± 3.0km
DEPTH = 33.0km (normal)
5.8mb (44 obs.) 6.5Msz (8 obs.)
VANUATU ISLANDS (186)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 24C
Centroid Locotion:
Origin Time 02:46:38.5 0.6
Lot 14.19S 0.06 Lon 166.78E 0.07
Dep 49.5 4.4 Half-durotion 6.1
Moment Tensor; Scole 10**25 D-CM
Mrr= 6.01 0.30 Mtt= 1.83 0.56
Mff=-7.84 0.57 Mrt=-0.50 0.50
Mrf= 0.67 0.67 Mtf= 1.10 0.35
Principol Axes:
T Val= 6.09 Plg=84 Azm=201
N 1.91 6 353
P -8.00 3 83
Best Double Couple:Mo=7.1*10**25
NP1:Strike=179 Dip=42 Slip= 99
NP2: 348 48 82

PVC 3.96 156 iPc 47 35.00 1.7
iS 48 26.00
DZM 7.94 181 iPc 48 27.00 -2.4
HNR 8.03 304 eP 48 29.00 -1.7
NOU 8.18 181 iPc 48 32.40 -0.2
iS 50 08.50
SVO 8.31 306 eP 48 35.00 0.6
VSG 8.33 305 eP 48 35.00 0.3
NDF 11.00 111 ePd 49 15.20 3.7X
VUN 12.00 110 iPd 49 26.90 1.9
PAA 13.43 304 eP 50 04.00 19.8X
ALOA 16.35 282 eP 50 24.00 2.0
RAB 17.34 303 eP 50 36.00 1.4
BRS 18.51 222 P 50 50.20 1.2
PMG 19.65 282 iPd 51 03.20 0.8
CTA 20.38 250 iPd 51 10.60 0.5
1.2s 428.13nm 5.7mb
iS 55 02.00
iScP 59 03.00
iScS 02 48.00
RMO 20.80 231 iPd 51 15.70 1.3
0.8s 909.00nm 6.2mb
CRZ 20.97 166 eP 51 15.00 -1.0
eS 55 18.00
COO 21.31 217 eP 51 20.00 0.5
0.9s 179.00nm 5.5mb
e 59 06.00
MDG 22.36 291 eP 51 32.00 2.0
RIV 24.16 213 eP 51 49.00 1.5
1.9s ******nm 7.6mb X
KRP 25.01 163 eP 51 54.80 -0.9
i(pP) 52 02.80 28kmX
sP 52 10.20
S 56 23.00
ScP 59 55.00
ScS 03 04.00
WEW 25.02 293 eP 51 57.00 1.1
CMS 25.77 224 eP 52 03.00 0.1
0.9s 171.00nm 5.6mb
GNZ 26.44 160 P 52 09.00 0.0
S 56 45.00
CAN 26.45 214 eP 52 07.20 -1.9

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                      |       52 24.30
                  IPcP        55 28.60
                  e           59 13.70
TZZ    26.53 287  eP          52 11.50    1.4
ISO    26.66 252  eP          52 11.00   -0.2
WAM    27.17 213  eP          52 17.00    1.4
                  ePcP        55 38.30
                  e           59 18.80
MNG    27.53 165  P           52 17.00   -1.9
                  PP          53 00.00
STK    28.97 228  iPd         52 32.70    0.7
       0.7s   107.00nm                 5.7mb
                  e           55 38.00
                  e           59 21.00
TOO    30.02 215  eP          52 42.00    0.6
WB2    31.40 255  iPd         52 52.00   -1.7
                  eS          59 36.90
WRA    31.41 255  Pc          52 51.50   -2.3
       1.2s   181.10nm                 5.8mb
BFD    31.46 219  eP          52 54.00   -0.1
ASPA   32.35 248  eP          53 00.00   -2.0
       1.2s   193.00nm                 5.9mb
ADE    32.65 226  iPc         53 04.60    0.1
TAU    33.20 206  eP          53 09.00   -0.1
                  e           55 51.00
                  eS          58 30.00
SLKI   35.20 276  eP          53 28.10    1.4
KNA    36.62 262  eP          53 38.50   -0.1
AAI    39.31 282  eP          54 01.10   -0.2
WBN    39.34 246  eP          54 01.00   -0.4
AFR    41.99 101  iP          54 24.00    0.7
       1.0s   135.00nm                 5.6mb
PAE    42.18 101  iP          54 25.20    0.4
       1.0s   165.00nm                 5.7mb
PPT    42.19 101  iP          54 25.40    0.5
       1.0s   190.00nm                 5.8mb
KUPT   42.23 270  eP          54 30.70    5.4X
PPN    42.32 101  iP          54 27.10    1 1
       1.0s   190.00nm                 5.8mb
TBI    42.43 109  iP          54 30.30    3 5X
       0.8s   120.00nm                 5.7mb
TVO    42.49 101  iP          54 28.20    0.8
       1.0s   340.00nm                 6.0mb
PMO    43.94  97  iP          54 40.20    1.0
       1.5s  1980.00nm                 6.7mb
VAH    44.18  97  iP          54 41.90    0.8
       1.5s   825.00nm                 6.3mb
TPT    44.21  97  iP          54 42.30    0.9
       1.5s  1155.00nm                 6.5mb
RUV    44.42  97  iP          54 44.00    0.9
       1.5s  1155.00nm                 6.5mb
DAV    45.87 295  eP          54 57.10    2.5X
MEK    46.54 247  eP          54 59.90    0.0
       0.8s   122.00nm                 5.9mb
MKS    47.26 276  eP          55 03.00   -2.7X
                  e           57 43.00
KLB    47.89 240  eP          55 09.00   -1.5
PCI    48.11 282  eP          55 14.90    2.6X
       1.0s    11.50nm                 4.9mb
NWAO   48.57 238  iPd         55 19.40    3.8X
       0.7s    67.00nm                 5.8mb
RKG    48.97 237  eP          55 20.00    1.3
MRWA   49.07 243  eP          55 18.00   -1.5
       0.7s    51.00nm                 5.7mb
NAU    49.09 252  eP          55 19.60   -0.1
       0.7s   130.00nm                 6.1mb
MUN    49.26 240  eP          55 20.00   -1.0
OPA    49.66  45  P           55 24.00   -0.1
KHKI   50.31 271  ePd         55 28.80   -0.5
                  e           02 03.50
PGP    52.91 299  ePc         55 42.00   -6.8X
TRT    53.33 271  iPd         55 52.00    0 0
       1.1s   252.30nm                 6.1mb
QCP    53.37 301  eP          56 08.00   15.8X
MAN    53.38 301  eP          55 53.00    0.8
KKM    53.89 288  ePd         55 56.40    0.2
       1.0s   207.80nm                 6.1mb
CVP    54.35 304  eP          56 02.50    3.2X
BAG    54.68 302  eP          56 01.50   -0.5
KYS    55.09 334  eP          56 04.50    0.0
OYM    55.67 333  eP          56 06.80   -1.9
RKT    55.74 108  eP          56 10.00    0.5
       1.0s    50.00nm                 5.5mb
SRY    55.82 333  eP          56 08.80   -0.9
TSK    55.97 334  eP          56 11.50    0.7
DDR    56.18 333  eP          56 12.70    0.3
MAT    57.07 333  eP          56 17.00   -1.7
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       0.9s   166.39nm                 6.1mb
                  eS          04 13.00
SHK    58.14 327  ePc         56 24.80   -1.4
TATO   58.72 311  eP          56 29.50   -0.9
       1.5s   396.40nm                 6.3mb
QZH    60.84 309  iPc         56 45.50    0.5
                  iS          05 03.50
SSE    62.65 316  iP+         56 56.00   -1.0
     N 13s      3.00um
     E 13s      2.70um
                  S           05 26.00
GZH    63.93 305  iPc         57 06.50    0.9
                  iS          05 44.00
KGM    64.74 279  ePc         57 11.90    0.8
NJ2    64.81 316  Pd          57 11.00   -0.2
                  iS          05 53.00
QIZ    64.91 299  Pc          57 13.00    0.9
                  S           05 57.00
SMY    66.86   5  eP          57 21.70   -2.2
     Z 20s     30.00um                 6.5Msz
WHN    67.07 312  iPc         57 26.00    0.3
                  S           06 20.00
ADK    67.27  11  P           57 29.00    2.4X
DL2    67.43 323  iPc         57 28.00    0.2
MDJ    67.44 332  iPc         57 28.00    0.2
                  S           06 21.00
IPM    67.67 281  ePc         57 30.10    0.2
       1.1s   142.00nm                 6.0mb
                  e           57 37.00
TIA    68.47 319  Pd          57 33.30   -1.1
                  eS          06 35.00
CN2    68.80 329  Pc          57 35.20   -1.0
SNG    68.84 284  eP          57 38.00    0.9
PSI    69.14 278  ePc         57 39.70    0.7
       0.8s    34.00nm                 5.5mb
                  e           05 22.70
TSI    69.71 279  e(P)        57 50.00    7.6X
PCT    70.59 291  eP          57 49.00    1.3
GYA    70.86 305  Pc          57 50.00    0.6
                  S           07 06.00
LOE    71.29 294  eP          57 52.00    0.0
NNT    71.40 289  eP          57 54.00    1.3
NST    72.10 292  eP          57 57.50    0.7
TIY    72.39 318  iPc         57 59.00    0.7
                  S           07 19.00
XAN    72.82 313  Pc          58 00.10   -0.8
                  S           07 25.50
KHT    73.18 290  eP          58 04.50    1.3
BSI    73.40 280  eP          58 04.50    0.0
       0.8s    81.30nm                 5.8mb
KMI    73.46 302  iPd         58 06.00    1.0
                  iS          07 38.00
CHG    74.27 294  iPd         58 10.20    0.7
       1.0s    71.00nm                 5.6mb
HHC    74.72 320  iPd         58 12.00    0.2
CD2    75.15 308  P           58 15.00    0.6
                  S           07 51.50
BTO    75.55 319  iPc         58 17.00    0.4
                  iS          08 01.00
SPA    76.00 180  iPc         58 17.00   -1.8
       1.0s   200.00nm                 6.1mb
LZH    77.45 312  Pd          58 28.50    1.1
GTA    81.80 314  iPd         58 51.80    1.2
                  PP          01 57.50
                  iS          09 06.00
TTA    82.08  16  eP          58 51.70    0.2
SHL    82.74 299  iP          58 55.80   -0.1
PMR    83.10  20  P           58 56.30   -0.4
PME    83.16  20  eP          58 56.30   -0.7
       1.5s   194.40nm                 6.0mb
     Z 20s     19.50um                 6.5Msz
NWRM   83.97  48  P           59 05.60    4.0X
ARN    84.54  50  P           59 05.60    1.0
GAS    84.57  47  P           59 05.70    0.9
SYP    84.67  53  eP          59 07.00    1.5
LSA    84.72 302  iPc         59 06.50    0.3
                  iS          09 34.00
PHAM   84.83  51  P           59 06.00    0.0
WDC    85.05  46  eP          59 07.80    0.8
IMA    85.19  15  eP          59 07.20   -0.2
       1.5s   111.10nm                 5.8mb
ORV    85.40  47  eP          59 09.00    0.2
JAS1   85.57  49  eP          59 08.40   -1.3
MIN    85.62  47  eP          59 10.20    0.1
FRI    85.76  50  eP          59 10.90    0.3
COL    85.93  18  eP          59 09.00   -1.9
       0.8s    67.16nm                 5.9mb
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FBA    85.93  18  eP          59 09.00   -1.9
PAS    85.94  53  eP          59 16.00    4.4X
MWC    86.06  53  eP          59 12.00   -0.4
ISA    86.23  52  eP          59 14.00    0.9
RVR    86.51  54  eP          59 15.00    0.6
BAR    86.64  55  eP          59 16.00    0.9
PLM    86.71  55  eP          59 15.00   -0.6
CWC    86.79  51  eP          59 18.00    2.0
GSC    87.39  53  eP          59 18.00   -0.8
MNA    87.42  49  P           59 17.70   -1.2
TPC    87.59  54  eP          59 19.00   -0.7
PGC    87.70  39  eP          59 16.00   -3.8X
GLA    88.23  55  eP          59 22.00   -0.8
BRW    88.73  11  eP          59 24.70    0.4
BMN    88.78  48  P           59 24.40   -1.0
BMN    88.78  48  eP          59 21.00   -4.4X
PKI    88.87 299  eP          59 25.70   -0.6
KKN    89.04 299  iP          59 26.50   -0.5
DMN    89.14 299  iP          59 23.70   -3.8X
EUR    89.38  49  iP          59 27.50   -0.9
       1.2s    13.47nm                 5.1mb
PNT    90.29  39  eP          59 33.00    0.9
       0.9s    23.00nm                 5.5mb
NEW    91.47  40  eP          59 39.00    1.4
KOD    91.67 280  eP          59 41.00    1.5
WMQ    91.86 315  P           59 39.50    0.0
MSU    91.90  51  P           59 38.80   -1.2
AIA    92.18 161  e(P)        59 42.00    1.4
HYB    92.37 287  ePc         59 42.00   -0.3
       1.4s   225.00nm                 6.4mb
INK    92.48  19  eP          59 40.00   -1.7
GBA    92.50 283  Pc          59 43.70    0.8
       1.1s    89.50nm                 6.1mb
LRM    93.76  44  eP          59 49.50    1.1
BDW    94.95  47  eP          59 58.00    4.0X
       1.5s    22.86nm                 5.4mb
EDM    95.28  36  eP          59 55.50    0.5
ALO    95.43  55  eP          59 55.00   -1.3
       1.1s    11.08nm                 5.2mb
     Z 20s     23.05um                 6.6Msz
SES    95.90  40  eP          59 59.00    1.1
NDI    96.15 298  iPc         59 59.50    0.0
                  eS          10 34.00
LTX    96.50  61  eP          00 02.00    0.8
POO    96.98 287  iPd         00 00.40   -3.0X
YKA    97.26  27  eP          00 02.60   -1.1
RSNT   97.26  27  eP          00 03.80    0.2
YKC    97.31  27  eP          00 03.00   -0.9
       0.9s    16.00nm                 5.5mb
GOL    97.32  51  eP          60 06.00    1.1
       1.0s     4.00nm                 4.9mb
     Z 20s     19.00um                 6.6Msz
GLD    97.45  51  eP          60 96.50    1.2
     Z 20s     17.00um                 6.5Msz
JCT   100.01  61  ePdiff00 13.50   -3.6X
       1.0s     5.50nm                 5.0mb
SLA   116.15 127  e(PKP)05 18.00    2.3
FRB   117.58  24  ePKP    05 15.00   -2.0
CNCB  117.93 118  PKP     05 21.20    1.4
LPB   117.95 118  PKP     05 18.70   -1.0
ZOBO  118.04 117  ePKP    05 17.00   -3.0X
       0.9s     6.49nm
IR2   118.93 303  ePKP    05 20.00   -0.7
KEV   118.96 345  ePKP    05 17.00   -2.5X
       0.5s    19.60nm
                  i       05 19.00
OTT   119.26  46  ePKP    05 20.00   -0.8
       0.5s    18.00nm
RSNY  120.23  46  PKP     05 26.30    3.6X
     Z 21s     11.14um                 6.5Msz
MNT   120.69  45  ePKP    05 23.00   -0.5
SOD   120.72 343  iPKP    05 20.30   -2.6X
TRO   120.92 347  ePKP    05 22.60   -0.6
KER   122.13 302  ePKP    05 26.00   -0.8
KJF   122.53 340  iPKP    05 24.00   -2.4
       0.6s    44.30nm
                  i       05 26.10
                  e       09 01.00
BPI   123.24 225  iPKPd   05 29.50    0.3
SLR   123.35 226  PKP     05 28.00   -1.4
SUR   123.40 215  iPKPd   05 30.00    0.6
       1.0s    78.00nm
BFS   123.62 224  ePKP    05 28.00   -1.9
       0.3s   103.90nm
SUF   124.04 339  ePKP    05 27.00   -2.4
       0.5s    41.00nm
SWZ   124.40 222  ePKP    05 30.00   -1.4
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21d 03h

	0.5s	35.21nm				
TET	124.75	239	iPKP	05	31.00	-1.1
ARO	125.25	274	ePKP	05	34.80	1.5
NUR	126.06	338	iPKP	05	32.00	-1.4
	0.9s	128.40nm				
			i	05	39.50	
MTD	126.06	237	ePKP	05	33.50	-1.4
BUL	126.52	231	iPKPc	05	34.30	-1.4
	1.4s	97.67nm				
KRI	127.62	235	ePKP	05	37.10	-0.8
NAI	128.04	257	ePKP	05	41.00	2.1
	1.8s	272.73nm				
AAE	128.78	270	ePKP	05	40.60	0.2
UPP	128.96	340	iPKP	05	36.90	-2.0
			i	08	57.40	
SJG	129.24	78	ePKP	05	36.00	-4.8X
NB2	129.86	345	PKP	05	38.10	-2.6X
	1.1s	49.80nm				
HFS	129.94	343	ePKP	05	38.70	-2.1
	0.6s	15.70nm				
VAO	130.58	138	ePKP	05	42.60	-0.7
BHL	131.59	303	PKP	05	45.50	0.6
HRI	131.64	302	iPKP	05	46.50	1.4
JER	132.37	300	ePKP	05	47.50	1.1
ITA	132.48	139	ePKP	05	37.80	-9.4X
PRNI	132.78	298	ePKP	05	48.00	0.8
CLI	133.10	322	ePKP	05	49.00	1.7
TLB	133.59	319	ePKPd	05	49.00	0.8
COP	133.97	340	iPKPc	05	51.00	2.5X
	1.2s	131.25nm				
ISR	134.25	321	ePKPd	05	50.00	0.4
MUD	134.33	343	ePKP	05	51.00	1.8
			i	09	24.00	
MLR	134.44	321	ePKPd	05	50.00	0.0
BDF	134.82	130	PKPd	05	44.60	-7.0X
KRA	135.06	330	ePKPd	05	51.00	0.2
	1.0s	54.00nm				
			e	05	52.30	
CMP	135.11	322	ePKPc	06	08.00	16.8X
KSP	136.20	333	ePKP	05	43.00	-10.0X
	1.0s	37.00nm				
			id	05	53.50	
			id	09	24.00	
GZR	136.38	323	ePKPd	05	52.50	-1.1
PSZ	136.46	328	ePKPc	05	52.60	-1.1
IZM	136.76	312	ePKP	05	55.00	0.5
EZN	136.84	314	ePKP	05	53.00	-1.5
EDU	136.90	352	ePKP	05	53.60	-0.5
ELO	137.07	352	ePKP	05	53.90	-0.6
BRG	137.18	335	ePKP	05	49.00	-5.9X
Z	20s	7.50um			6.4Msz	
N	20s	6.00um				
E	20s	2.50um				
		i		05	55.00	
		e		06	45.00	
		iSKP		09	20.00	
CLL	137.23	336	ePKP	05	57.00	2.1
Z	18s	2.00um			5.9Msz	
		eSKP		09	28.00	
		SKKP		18	29.00	
		e(Sg)		34	35.00	
SRO	137.34	329	iPKP	05	55.50	0.3
		e		07	34.40	
		i		08	42.00	
EAB	137.42	353	ePKP	05	54.80	-0.3
ESY	137.45	351	ePKP	05	55.30	0.1
PRU	137.59	333	ePKP	05	56.00	0.3
			PP	08	39.00	
ZST	137.69	330	ePKP	05	56.20	0.3
			i	08	43.50	
			i	09	29.90	
			e	17	33.00	
ATB	137.76	111	e(PKP)	05	48.70	-8.4X
VKA	138.02	330	e(PKP)	05	57.00	0.4
WIT	138.22	342	ePKP	05	59.00	2.3X
			e	09	31.50	
MOX	138.30	336	ePKP	05	49.00	-8.0X
	1.8s	38.00nm				
			e	05	56.00	
			ePP	08	47.00	
			eSKP	09	32.00	
KHC	138.65	333	PKP	05	51.50	-6.2X
			i	05	58.20	
			e	07	07.30	
			e	08	49.50	
VAY	138.68	318	e(PKP)	05	39.00	-18.9X
WTS	138.88	341	ePKP	05	57.50	-0.4
	1.0s	57.00nm				
			ePP	08	52.00	
			e	09	39.50	
SKO	139.06	320	e(PKP)	05	50.20	-8.4X
			i	05	58.00	
GRF	139.21	336	ePKP	05	52.00	-6.7X
			e	05	57.70	
			e	06	02.00	
			e(PP)	08	52.00	
			e	09	32.00	
TNS	139.83	338	ePKP	06	00.00	0.2
OHR	139.93	319	e(PKP)	05	48.70	-11.6X
ENN	140.22	341	ePKP	05	57.50	-2.9X
	1.0s	73.00nm				
			ePP	08	40.00	
			e	09	35.00	
MEM	140.33	341	PKP	05	55.30	-5.3X
			e	09	37.00	
LJU	140.44	329	e(PKP)	05	50.50	-10.5X
			i	06	00.70	
			e	09	39.50	
UCC	140.68	342	PKP	06	03.00	1.8
VOY	140.77	330	ePKP	05	50.80	-10.9X
			e	06	00.90	
SNF	140.95	342	PKP	06	02.90	1.2
TRI	141.06	329	ePKP	05	55.40	-6.7X
			i	06	04.40	
			e	09	01.60	
			e	09	44.80	
GWF	141.17	338	ePKP	06	04.80	2.6X
DOU	141.22	342	PKP	06	00.60	-1.6
ECP	141.60	353	ePKP	06	00.10	-2.7X
	1.3s	420.00nm				
CDF	141.76	338	ePKP	05	58.10	-5.3X
SLE	141.83	336	ePKPd	05	58.20	-5.3X
OSS	142.01	334	ePKPd	05	59.00	-5.0X
LLS	142.35	335	ePKPd	06	00.10	-4.5X
BSF	142.43	338	ePKP	06	00.70	-3.9X
HAU	142.44	338	ePKP	06	00.70	-3.8X
VDL	142.45	334	ePKPd	05	59.90	-4.9X
ROF	142.51	337	ePKP	06	06.80	2.2
TMA	143.01	334	ePKPd	06	00.50	-5.2X
MMK	143.43	335	ePKPd	06	03.00	-3.5X
DIX	143.64	335	ePKPd	06	04.50	-2.4X
FIR	143.69	329	ePKP	06	04.00	-2.7X
			i	09	46.00	
FLN	143.83	346	ePKP	06	01.80	-5.0X
EMS	143.84	336	ePKPd	06	05.10	-2.1
LDF	143.90	345	ePKP	06	02.60	-4.3X
LOR	143.94	340	ePKP	06	03.10	-4.0X
LBF	144.15	340	ePKP	06	03.60	-3.9X
GRC	144.17	341	iPKPc	06	05.00	-2.4X
SOB1	144.18	129	ePKP	06	05.00	-3.4X
			i	06	07.60	
			eS	09	45.90	
			e	09	52.40	
SSF	144.24	340	ePKP	06	04.60	-2.9X
GRR	144.27	346	ePKP	06	03.90	-3.6X
LPG	144.38	335	ePKP	06	05.20	-3.0X
SMF	144.49	339	ePKP	06	04.80	-3.2X
AVF	144.52	340	ePKP	06	04.90	-3.1X
LPF	144.65	346	ePKP	06	05.40	-2.8X
BGF	144.90	340	ePKP	06	06.40	-2.3
FOUF	145.16	334	PKP	06	08.25	-0.9
MZF	145.28	340	ePKP	06	08.00	-1.4
TCF	145.34	341	ePKP	06	07.70	-1.8
LSF	145.58	342	ePKP	06	08.00	-1.9
MFF	145.75	344	ePKP	06	08.80	-1.3
CVF	145.76	330	ePKP	06	09.70	-0.6
FRF	146.00	334	ePKP	06	10.00	-0.6
LRG	146.20	334	ePKP	06	10.60	-0.4
LMR	146.24	334	ePKP	06	10.40	-0.6
CDR	146.27	335	ePKPc	06	10.90	-0.2
			i	06	11.40	
			i	06	13.00	
			e	06	33.50	
ITR	146.31	131	ePKP	06	08.30	-3.7X
			e	06	11.20	
			i	06	38.00	
RJF	146.44	341	ePKP	06	11.20	-0.1
CAF	146.59	340	ePKP	06	11.80	0.2
LFF	147.01	341	ePKP	06	12.60	0.4
LPO	147.10	341	ePKP	06	13.00	0.6
BNG	147.14	256	iPKPd	06	12.00	-1.4
	1.0s	140.00nm				
			ic	07	40.70	
			id	09	50.30	
SMCF	148.57	337	PKP	06	18.10	3.2X
MLS	148.66	339	ePKP	06	15.50	0.5
EPF	148.85	340	ePKP	06	15.70	0.4
ATE	149.13	342	PKP	06	16.10	0.4
ISSF	149.21	342	PKP	06	17.70	1.7
EBR	150.76	338	ePKP	06	23.00	4.9X
PTO	152.74	352	ePKP	06	20.20	-0.8
TOL	153.04	344	ePKP	06	21.00	-0.6
ABA	153.06	330	iPKP	06	22.00	0.3
ALI	153.28	337	ePKP	06	23.50	1.6
CRT	155.41	341	ePKP	06	24.00	-0.9
MAL	156.08	342	iPKPd	06	26.00	0.3
TAF	157.13	336	iPKPd	06	29.00	1.7
IFR	159.27	340	iPKP	06	31.00	1.1
AVE	160.13	345	iPKP	06	31.50	0.9
			i	07	12.50	
TEN	165.45	10	ePKP	06	37.00	1.2
			ePP	11	26.50	
KIC	168.57	229	ePKP	06	37.10	-1.4
	1.6s	245.00nm				
			e	07	50.30	

S.D. = 1.1 on 240 of 314 obs.

DEC 21, 1985 02h 49m 56.16± 1.15s
34.899 N ±10.4km 139.158 E ± 9.1km
DEPTH = 10.0km (geophysicist)
NEAR S. COAST OF HONSHU, JAPAN (230)
Felt (I JMA) at Ajiro and on Oshima.

AJI	0.15	341	iPd	49	59.30	-0.4
			eS	50	03.00	
OSH	0.23	127	P	50	01.00	0.0
			IS	50	04.50	
MIS	0.28	319	iPd	50	02.10	0.0
			iS	50	06.60	
TAT	0.59	82	eP	50	08.00	-0.1
			iS	50	17.40	
TOK	0.93	32	P	50	14.00	0.2
			S	50	27.30	
MAT	1.81	335	iPd	50	28.00	0.4
			iS	50	51.20	

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

• DEC 21, 1985 03h 09m 42.72± 1.04s
14.145 S ±12.4km 166.712 E ±18.3km
DEPTH = 33.0km (normal)
5.1mb (5 obs.)
VANUATU ISLANDS (186)

DZM	7.89	182	iPc	11	37.90	-0.2
			iS	13	16.70	
NOU	8.12	182	iPc	11	40.00	-1.3
			iS	13	20.00	
CTA	20.42	250	iPc	14	20.00	0.1
	1.2s	32.81nm				4.6mb
RMQ	20.81	231	eP	14	25.00	1.1
KRP	24.95	163	P	15	06.90	2.4
STK	28.97	228	eP	15	41.00	-0.5
WRA	31.45	255	Pc	16	00.10	-3.5X
	0.7s	5.70nm				4.5mb
WBN	39.37	246	eP	17	10.50	-0.6
PKI	88.95	299	eP	22	36.10	0.0
	0.6s	10.00nm				5.3mb
KKN	89.12	299	eP	22	36.90	0.1
	0.7s	18.00nm				5.5mb
DMN	89.21	299	eP	22	37.60	0.3
	0.8s	35.00nm				5.7mb
SOB1	144.10	129	ePKP	29	13.30	-4.5X
ITR	146.24	131	ePKP	29	19.10	-2.3
BNG	147.18	256	iPKPd	29	23.90	1.0
	0.8s	25.00nm				
			id	29	27.00	

S.D. = 1.3 on 12 of 14 obs.

• DEC 21, 1985 03h 42m 34.05± 0.48s
13.745 S ± 9.1km 166.668 E ±10.4km
DEPTH = 33.0km (normal)
4.3mb (3 obs.)
VANUATU ISLANDS (186)

HNR	7.86	302	eP	44	26.00	-2.9
			eS	45	53.00	
SVO	8.12	303	eP	44	34.00	1.4
VSG	8.15	302	eP	44	32.00	-1.0
DZM	8.28	181	iPd	44	32.20	-2.8
			iS	46	10.40	

NOU	8.52	181	iPc	44	41.80	3.7X
			IS	46	25.00	
BRS	18.78	222	P	47	01.90	8.8X
CTA	20.51	249	iPc	47	12.80	0.5
	1.0s	11.00nm			4.2mb	
RMQ	21.03	230	eP	47	19.00	1.5
CMS	26.03	224	eP	48	08.00	1.9
WRA	31.51	254	Pd	49	53.90	-1.6
	0.8s	1.80nm			4.0mb	
MDJ	67.14	332	eP	53	25.10	-1.6
CN2	68.51	329	Pc	53	35.00	-0.2
TIY	72.14	317	eP	53	58.30	0.7
XAN	72.60	313	eP	54	00.20	-0.1
KMI	73.29	302	Pc	54	05.50	0.7
HHC	74.46	320	eP	54	11.10	0.0
GTA	81.57	314	Pc	54	51.00	0.8
SHL	82.59	298	iP	54	56.80	0.9
COL	85.60	18	eP	55	09.00	-1.0
	0.8s	10.07nm			5.1mb	
WMQ	91.62	315	P	55	40.40	1.2
KJF	122.21	340	ePKP	01	26.00	-0.6
SUF	123.72	339	ePKP	01	29.00	-0.6
NUR	125.74	338	ePKP	01	33.00	-0.6
BRG	136.88	335	e(PKP)	01	57.00	1.9
SOB1	144.39	128	ePKP	02	09.20	-0.4
BGF	144.57	341	iPKPc	02	08.90	0.0
	1.3s	28.80nm				
MZF	144.96	341	ePKP	02	09.30	-0.3
TCF	145.02	341	iPKPc	02	09.30	-0.4
	1.2s	22.00nm				
LSF	145.26	342	iPKPc	02	10.00	-0.1
	1.1s	20.50nm				
MFF	145.42	344	iPKPc	02	10.40	0.1
	1.0s	12.80nm				
FRF	145.69	334	iPKPc	02	11.50	0.6
	1.0s	28.00nm				
LRG	145.90	334	ePKP	02	12.30	1.1
LMR	145.93	334	iPKPc	02	12.20	0.9
ITR	146.53	131	ePKP	02	16.50	3.3X
			e	02	32.80	
BNG	147.23	257	iPKPd	02	14.30	0.0
	0.5s	23.00nm				
			ic	02	30.00	
	S.D. = 1.2	on	32 of	35	obs.	

DEC 21, 1985 04h 09m 36.30± 0.42s
12.401 N ± 7.3km 142.966 E ± 6.1km
DEPTH = 33.0km (normal)
4.6mb (2 obs.)
SOUTH OF MARIANA ISLANDS (210)

GUMO	2.20	57	e(P)	10	11.40	0.2
			e(S)	11	25.00	
PJG	2.20	57	e(P)	10	11.00	-0.2
GUA	2.21	59	e(P)	10	10.40	-1.0
MAN	21.40	279	eP	14	24.00	0.5
MAT	24.41	351	(P)	14	53.00	0.0
	0.9s	15.97nm			4.6mb	
CTA	32.45	174	iPc	16	06.00	0.2
	1.0s	10.00nm			4.7mb	
WRA	33.24	195	eP	16	12.00	-0.8
TIY	37.12	318	eP	16	46.00	0.2
KMI	39.98	294	eP	17	10.50	0.5
CD2	40.56	303	eP	17	14.30	-0.2
DZM	41.28	146	iPc	17	20.20	-0.3
NOU	41.48	146	iPc	17	22.50	0.6
GTA	46.60	313	eP	18	03.20	-0.1
KKN	55.83	295	eP	19	12.70	-0.7
WMQ	56.63	315	P	19	17.50	-1.2
YKA	84.76	27	eP	22	10.50	2.3
ZOBO	149.65	101	PKPc	29	26.20	5.2X
	1.4s	27.62nm				
LPB	149.66	102	PKPd	29	26.20	5.4X
CNCB	149.75	102	iPKP	29	27.20	6.1X
TPZ	151.16	112	PKP	29	30.00	7.1X
	S.D. = 0.9	on	16 of	20	obs.	

? DEC 21, 1985 05h 04m 12.15± 4.66s
51.486 N ±34.1km 16.031 E ±25.6km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 4.0 (GRF), 4.0 (KBA).

KSP	0.66	165	iP	04	24.20	-1.2
			iS	04	33.00	
BRG	1.45	246	iPgd	04	40.00	1.6
			iSg	05	00.00	
PRU	1.77	213	Pn	04	42.70	-0.3
			Pg	04	44.60	
			Sg	05	09.00	
CLL	1.90	266	iPn	04	44.10	-0.8
			I	04	50.90	
			iSg	05	13.70	
KHC	2.83	215	iPn	04	58.00	-0.3
			iPg	05	04.00	
			Sn	05	37.00	
			Sg	05	47.20	
KRA	2.86	118	eP	05	06.00	7.3X
			IS	05	32.50	
HOF	2.88	248	iPnc	04	58.60	-0.3
MOX	2.91	255	iPg	05	06.50	7.2X
			iSg	05	45.00	
WET	3.09	222	ePn	05	01.70	-0.2
VKA	3.23	177	eP	05	05.50	1.6
			iPg	05	12.50	
			iSg	05	54.70	
ZST	3.37	168	eP	05	17.00	11.2X
			e	05	46.80	
			i	06	04.40	
GRF	3.55	241	ePn	05	08.40	0.0
			ePg	05	20.00	
			eSg	06	07.10	
VOY	5.64	195	ePn	06	00.00	21.9X
			e(Sn)	07	12.00	
	S.D. = 1.1	on	9 of	13	obs.	

DEC 21, 1985 05h 05m 35.77± 0.54s
37.604 N ± 5.8km 35.501 E ± 8.2km
DEPTH = 33.0km (normal)
4.6mb (18 obs.)
TURKEY (366)

BHL	3.69	178	Pn	06	36.00	4.0X
			Sn	07	31.00	
BCK	3.91	269	ePn	06	36.60	1.6
HRI	4.33	177	iP	06	40.50	-0.6
			eS	07	31.50	
ELL	4.55	261	iPn	06	47.80	3.6X
HRT	5.55	307	eP	07	02.00	3.7X
YLV	5.61	304	eP	07	00.40	1.3
YER	5.77	268	iP	07	05.00	3.6X
JER	5.82	183	iP	07	02.50	0.3
			eS	08	11.50	
ISK	6.07	307	eP	07	04.00	-1.6
MSL	6.24	99	eP	07	13.50	5.5X
			iS	08	50.50	
			e	09	40.00	
IZM	6.55	279	eP	07	14.50	2.1
PRNI	7.25	183	eP	07	22.00	-0.2
DMK	7.30	308	ePn	07	31.00	8.1X
EZN	7.51	290	ePn	07	26.70	1.0
SLY	8.29	101	iPc	08	13.00	36.4X
			iS	10	03.50	
BHD	8.44	118	eP	08	12.00	33.3X
			iS	10	03.00	
			i	10	22.00	
			i	11	09.00	
MLR	10.64	321	ePd	08	12.00	2.9X
PSZ	15.39	317	eP	09	14.00	2.0
SPC	16.00	321	eP	09	22.80	2.8X
SRO	16.20	314	eP	09	26.80	4.4X
KRA	16.72	323	eP	09	30.00	1.1
			e	09	32.50	
ZST	17.10	314	eP	09	36.60	3.0X
LJU	17.72	305	e(P)	09	43.50	2.0
VOY	18.13	304	e(P)	09	46.00	-0.7
PRU	19.47	316	P	10	02.00	-0.6
KHC	19.59	313	iPd	10	03.50	-0.5
	1.0s	27.00nm			4.5mb	
BRG	20.26	318	iPc	10	10.80	-0.2
	1.4s	46.00nm			4.6mb	
			i	10	55.00	
OGA	20.28	305	iPc	10	11.80	0.4
	1.0s	42.00nm			4.7mb	
CLL	21.00	318	e(P)	10	18.00	-0.5
GRF	21.22	312	eP	10	20.00	-0.8
MOX	21.42	315	e(P)	10	24.50	1.7
	2.2s	63.00nm			4.6mb	
LPG	22.83	299	iPc	10	38.20	1.0
	0.8s	20.60nm			4.7mb	
CDF	23.17	307	eP	10	39.10	-1.1
BSF	23.31	305	eP	10	40.10	-1.6
HAU	23.65	305	eP	10	43.80	-1.0
	0.8s	26.80nm			4.8mb	
NUR	23.94	347	eP	10	48.00	0.6
	0.6s	14.30nm			4.7mb	
LBF	24.99	302	eP	10	56.20	-1.6
	0.7s	9.90nm			4.5mb	
SMF	25.02	301	eP	10	56.70	-1.4
	0.8s	23.30nm			4.8mb	
LQR	25.12	303	iPc	10	57.60	-1.4
	0.8s	13.90nm			4.6mb	
SSF	25.32	302	eP	10	59.60	-1.3
	0.7s	11.40nm			4.6mb	
DOU	25.35	309	P	11	03.50	2.4X
AVF	25.38	301	eP	11	00.10	-1.3
	0.8s	22.80nm			4.8mb	
GRC	25.65	303	iPc	11	03.10	-0.8
BGF	25.68	301	iPc	11	03.30	-1.0
	0.6s	7.20nm			4.4mb	
SUF	25.79	350	eP	11	06.00	0.9
	0.7s	11.20nm			4.6mb	
MZF	25.81	300	iPc	11	05.00	-0.5
HFS	26.48	335	eP	11	11.40	0.0
	0.6s	6.50nm			4.4mb	
KJF	27.04	353	eP	11	17.00	0.5
			i	11	18.90	
NB2	27.98	335	P	11	27.80	2.7X
	0.9s	4.40nm			4.2mb	
IFR	33.12	275	iP	12	11.50	0.4
BNG	36.47	209	iPc	12	41.10	1.4
	0.8s	9.00nm			4.7mb	
			ic	12	52.00	
			ic	13	10.50	
PKI	42.79	88	eP	13	33.20	0.7
KIC	47.98	240	eP	14	12.40	-1.1
	0.5s	16.00nm			5.3mb	
FRB	62.71	331	eP	15	58.00	-1.3
INK	74.09	356	eP	17	10.00	0.2
YKA	77.38	346	eP	17	30.30	1.7
	S.D. = 1.2	on	42 of	56	obs.	

• DEC 21, 1985 05h 08m 03.12± 0.55s
12.428 N ± 9.6km 142.985 E ± 9.3km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
SOUTH OF MARIANA ISLANDS (210)

GUMO	2.17	58	e(P)	08	37.90	0.3
PJG	2.17	58	e(P)	08	37.10	-0.5
GUA	2.18	59	e(P)	08	36.90	-0.9
MAN	21.41	278	eP	12	50.00	-0.5
MAT	24.39	351	eP	13	19.00	-0.6
	0.9s	21.01nm			4.7mb	
CTA	32.47	174	iPc	14	32.70	-0.1
	1.0s	11.50nm			4.7mb	
WRA	33.27	195	eP	14	38.90	-1.0
DZM	41.29	146	iPd	15	47.20	-0.2
YKA	84.73	27	eP	20	35.80	0.9
ZOBO	149.64	101	PKP	27	52.40	4.6X
	1.1s	14.50nm				
LPB	149.65	101	ePKP	27	49.00	1.4
CNCB	149.74	102	PKP	27	49.00	1.1
TPZ	151.16	112	PKP	27	57.00	7.3X
	S.D. = 0.9	on	11 of	13	obs.	

DEC 21, 1985 05h 53m 36.09± 0.58s
50.226 N ± 5.2km 12.444 E ± 5.2km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.6 (GRF).

HOF	0.37	284	iPgd	53	43.40	-0.4
MOX	0.68	309	iPg	53	49.50	0.0
			iSg	53	58.50	
GRF	0.95	236	iPg	53	54.70	0.4
			eSg	54	07.30	
			eLg	54	09.50	
WET	1.12	165	iPgd	53	57.30	0.2
CLL	1.14	18	iPg	53	57.50	0.1
			iSg	54	12.40	
BRG	1.16	55	iPg	53	57.90	0.2
			iSg	54	12.90	
KHC	1.32	146	ePg	54	00.00	-0.5
			Sg	54	17.60	
	S.D. = 0.4	on	7 of	7	obs.	

• DEC 21, 1985 05h 58m 29.23± 2.25s
22.667 N ±23.1km 120.870 E ±10.1km
DEPTH = 33.0km (normal)
TAIWAN (244)

21d 05h

TWG	0.24	51	iPd	58	36.20	-0.1
			eS	58	42.00	
TWM1	0.44	291	iP	58	39.00	0.0
			eS	58	47.00	
TWK	0.69	330	ePc	58	42.60	0.0
TWF1	0.79	30	ePd	58	44.00	0.1
			eS	58	56.00	
TWQ	1.60	359	eP	58	55.50	-0.1
TATO	2.37	14	eP	59	24.20	17.7X

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

• DEC 21, 1985 06h 11m 14.14± 1.32s
37.519 N ±10.7km 35.176 E ±22.4km
DEPTH = 33.0km (normal)
4.3mb (7 obs.)
TURKEY (366)

BHL	3.63	174	Pn	12	10.00	0.5
			Sn	13	07.00	
BCK	3.65	270	eP	12	11.00	1.3
ELL	4.28	261	eP	12	24.80	6.1X
CRI	4.83	181	eP	12	25.60	-0.8
			eS	13	21.60	
YER	5.51	268	iP	12	41.20	5.2X
JER	5.73	180	eP	12	40.00	0.8
			eS	13	46.00	
MSL	6.48	98	eP	13	04.00	14.2X
			iS	14	24.50	
PRNI	7.18	181	iP	13	04.00	4.8X
EZN	7.30	291	ePg	12	47.70	-13.4X
			eSg	12	59.20	
SLY	8.53	100	eP	13	50.00	31.8X
			iS	15	46.00	
SRO	16.08	315	eP	14	50.00	-9.2X
ZST	16.97	315	eP	15	07.50	-2.9X
PRU	19.35	317	eP	15	41.60	2.0
KHC	19.46	313	P	15	41.40	0.5
	1.0s		10.50nm		4.1mb	
			e	16	10.00	
BRG	20.15	318	eP	15	50.50	2.3X
	1.0s		10.00nm		4.1mb	
CLL	20.89	318	e(P)	15	57.00	1.2
LPG	22.64	300	eP	16	15.40	1.6X
	1.0s		12.80nm		4.4mb	
CDF	23.01	307	eP	16	17.60	0.5
BSF	23.15	305	eP	16	18.90	0.4
HAU	23.49	306	eP	16	21.60	0.0
LBF	24.81	302	eP	16	33.40	-1.1
	0.8s		6.70nm		4.3mb	
SMF	24.84	301	iPc	16	33.90	-0.9
	0.8s		12.60nm		4.6mb	
LOR	24.95	303	eP	16	34.80	-1.0
	0.8s		8.50nm		4.4mb	
SSF	25.15	302	eP	16	35.90	-1.7
AVF	25.20	302	eP	16	37.00	-1.1
	0.8s		13.40nm		4.6mb	
GRC	25.48	303	iPc	16	46.30	5.6X
KIC	47.71	240	eP	19	49.10	-0.7

S.D. = 1.1 on 16 of 27 obs.

• DEC 21, 1985 07h 41m 29.48± 1.04s
44.699 N ±12.0km 12.021 E ± 8.2km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
3.4 (KBA), 3.1 (TRI), 3.0 (LDG).

TRI	1.59	50	i(Pg)d	41	57.50	-0.2
			i	42	17.70	
			i(Sg)	42	23.90	
VOY	1.88	44	iPn	42	01.80	-0.2
			iSn	42	25.90	
			iSg	42	33.10	
CEY	1.99	58	ePn	42	09.30	5.7X
			eSn	42	37.90	
LJU	2.32	52	ePn	42	07.20	0.3
			ePg	42	13.50	
			eSn	42	36.80	
KBA	2.55	21	i(Pn)	42	12.70	1.0
			iPg	42	19.80	
			i	42	29.00	
			iSn	42	47.30	
			iSg	42	58.00	
CVF	3.13	228	Pn	42	18.30	-1.4
LPG	3.82	284	Pn	42	31.40	1.6
	0.4s		5.00nm			
FRF	4.03	255	Pn	42	34.20	1.6
			Sn	43	16.20	
LRG	4.26	255	Pn	42	36.80	0.9
KHC	4.56	13	eP	42	39.50	-0.6
			e	42	56.50	
			e	43	33.00	
			e	44	05.00	
BSF	4.79	313	Pn	42	44.80	1.3
	0.6s		11.00nm			
			Sn	43	37.80	
CDF	4.95	320	Pn	42	45.80	0.1
	0.6s		5.00nm			
			Sn	43	40.00	
LBF	6.07	295	Pn	42	59.00	-2.4
	0.6s		11.00nm		4.8mb	X
			Sn	44	05.60	
LOR	6.24	297	Pn	43	02.00	-1.8
	0.6s		7.00nm		4.7mb	X
			Sn	44	10.20	

S.D. = 1.4 on 13 of 14 obs.

• DEC 21, 1985 09h 22m 17.41± 0.41s
14.168 S ± 7.8km 166.845 E ±16.9km
DEPTH = 33.0km (normal)
4.4mb (4 obs.)
VANUATU ISLANDS (186)

DZM	7.87	183	iPc	24	12.30	-0.3
			iS	25	45.20	
NOU	8.11	183	iPc	24	16.00	0.2
			iS	25	55.00	
CTA	20.53	250	iPc	26	55.30	-0.5
	1.3s		21.15nm		4.3mb	
KRP	24.89	164	eP	27	42.00	3.4X
WRA	31.57	255	P	28	49.00	9.7X
	0.8s		1.90nm		4.0mb	
SPA	75.92	180	eP	34	02.90	0.4
	1.0s		5.00nm		4.5mb	
PKI	89.07	299	eP	35	11.60	0.2
KKN	89.24	299	eP	35	12.40	0.3
DMN	89.34	299	eP	35	13.40	0.8
	0.8s		15.00nm		5.4mb	
SUF	124.17	339	ePKP	41	13.00	-0.8
	0.6s		2.20nm			
ZST	137.85	330	iPKP	41	38.50	-1.9
GRC	144.30	341	iPKPc	41	51.40	-0.4
SSF	144.37	340	ePKP	41	51.10	-0.8
LPG	144.52	336	ePKP	41	51.40	-1.2
SMF	144.62	340	ePKP	41	51.60	-0.8
BGF	145.03	341	ePKP	41	53.30	0.2
TCF	145.47	341	ePKP	41	53.60	-0.3
LSF	145.72	342	ePKP	41	54.20	-0.1
MFF	145.87	344	ePKP	41	55.00	0.5
CVF	145.91	330	ePKP	41	56.00	1.3
FRF	146.15	334	ePKP	41	55.60	0.6
LRG	146.35	334	ePKP	41	56.60	1.3
LMR	146.39	334	ePKP	41	56.40	1.0
BNG	147.30	256	iPKPd	42	00.20	2.4X
	0.4s		10.00nm			
			ic	42	05.00	

S.D. = 0.9 on 21 of 24 obs.

DEC 21, 1985 09h 44m 05.34± 0.33s
14.218 S ± 8.1km 166.540 E ± 8.3km
DEPTH = 33.0km (normal)
4.9mb (7 obs.)
VANUATU ISLANDS (186)

DZM	7.81	181	iPc	45	58.50	-1.2
			iS	47	25.90	
HNR	8.02	306	eP	46	03.00	0.5
NOU	8.05	181	iPc	46	02.50	-0.4
			iS	47	31.00	
VSG	8.31	306	eP	46	07.00	0.4
NDF	11.06	110	eP	46	47.80	3.4X
BRS	18.35	222	iP	48	30.10	11.1X
PMG	19.56	282	e(P)	48	32.00	-1.6
CTA	20.24	250	iPd	48	41.70	1.0
	1.1s		24.05nm		4.5mb	
RMO	20.63	231	eP	48	47.00	2.2
CRZ	20.86	166	eP	48	51.00	3.9X
KRP	24.63	163	P	49	25.90	-1.0
			e	49	30.00	
			e	00	31.90	
			ScS	02	58.00	
WRA	31.27	255	eP	50	28.90	4.3X
PMO	44.04	97	iP	52	12.80	0.8
	1.0s		30.00nm		5.0mb	
VAH	44.27	97	iP	52	14.40	0.5
	1.0s		20.00nm		4.9mb	
TPT	44.31	97	iP	52	14.90	0.7
	1.0s		20.00nm		4.9mb	
RUV	44.51	97	iP	52	16.60	0.7
	1.0s		25.00nm		5.0mb	
MAT	57.13	333	eP	53	50.00	-1.2
	1.0s		16.00nm		5.0mb	
PSI	69.05	279	eP	55	18.00	7.5X
			e	59	38.00	
BSI	73.31	280	eP	55	18.00	-18.1X
SPA	75.87	180	iPc	55	48.30	-1.9
	1.0s		6.00nm		4.5mb	
COL	86.08	18	eP	56	43.00	-0.7
AIA	92.10	161	eP	57	14.20	1.9
KJF	122.61	340	iPKP	02	59.60	0.4
			e	09	50.00	
			e	12	44.00	
SUF	124.12	339	iPKP	03	00.50	-1.1
	0.8s		8.00nm			
NUR	126.13	338	ePKP	03	05.00	-0.6
	0.7s		20.00nm			
			i	03	08.50	
APO	129.63	343	ePKP	03	11.20	-1.1
	0.5s		4.40nm			
NB2	129.95	345	PKP	03	11.40	-1.5
	0.7s		2.50nm			
FLN	143.93	345	ePKP	03	36.80	-2.2X
SOB1	144.19	129	ePKP	03	36.90	-3.6X
GRC	144.25	341	iPKPc	03	37.40	-2.2X
SSF	144.32	340	iPKPc	03	37.80	-2.0X
GRR	144.37	346	ePKP	03	37.50	-2.3X
LPG	144.45	335	iPKPc	03	38.90	-1.5
SMF	144.57	339	ePKP	03	38.20	-2.0
AVF	144.60	340	ePKP	03	38.10	-2.1X
LPF	144.75	346	ePKP	03	38.60	-1.8
BGF	144.98	340	iPKPc	03	39.90	-1.0
MZF	145.36	340	ePKP	03	41.30	-0.3
TCF	145.42	341	iPKPc	03	41.30	-0.4
LSF	145.67	341	iPKPc	03	41.80	-0.3
CVF	145.81	330	iPKPc	03	42.30	-0.2
FRF	146.06	333	iPKPc	03	43.30	0.5
LRG	146.27	334	ePKP	03	44.00	0.9
LMR	146.30	333	iPKPc	03	43.90	0.7
ITR	146.32	131	ePKP	03	41.30	-2.8X
CDR	146.34	334	ePKPc	03	43.60	0.3
RJF	146.52	341	iPKPc	03	44.60	1.1
CAF	146.67	340	ePKP	03	45.40	1.6
BNG	147.00	256	iPKPc	03	46.60	1.4
	0.6s		34.00nm			
			ic	03	51.90	
			id	03	55.80	
			id	04	18.70	
LFF	147.09	341	iPKPc	03	46.20	1.8
LPO	147.18	341	iPKPc	03	46.70	2.1
EPF	148.93	340	iPKPc	03	51.70	4.2X

S.D. = 1.2 on 38 of 52 obs.

DEC 21, 1985 09h 47m 19.93± 0.68s
50.220 N ± 6.6km 12.449 E ± 6.1km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.1 (GRF).

MOX	0.68	309	ePg	47	33.00	-0.5
			iSg	47	42.00	
GRF	0.95	237	ePg	47	38.40	0.3
			eSg	47	50.90	
			eLg	47	53.50	
CLL	1.15	18	iPg	47	41.90	0.5
			iSg	47	56.40	
BRG	1.16	55	iPg	47	41.20	-0.4
			iSg	47	56.50	
KHC	1.31	146	ePg	47	44.00	-0.2
			iSg	48	02.00	
PRU	1.37	99	ePg	47	45.20	0.2
			Sg	48	03.80	

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

DEC 21, 1985 09h 57m 39.06± 0.40s
25.187 S ± 6.0km 179.387 E ± 4.1km
DEPTH = 494.2 ± 5.1 km
4.9mb (17 obs.)
SOUTH OF FIJI ISLANDS (171)

VUN	7.12	353	iPd	59	26.70	-0.6
NDF	7.53	346	eP	59	32.20	0.6

NOU	12.17	281	IPc	00	21.30	0.7
			IS	02	37.20	
DZM	12.25	282	IPd	00	23.40	1.9
			IS	02	39.10	
GNZ	13.55	185	P	00	35.00	0.2
			S	02	59.00	
MNG	15.81	191	P	00	58.80	1.0
			S	03	38.00	
AFR	29.65	81	IP	03	04.50	-0.7
	1.0s	75.00nm			5.2mb	
PAE	29.78	82	iP	03	05.70	-0.6
	1.0s	40.00nm			4.9mb	
PPT	29.82	82	iP	03	06.00	-0.7
	1.0s	70.00nm			5.1mb	
PPN	29.96	82	iP	03	07.60	-0.3
	1.0s	60.00nm			5.1mb	
TVO	30.04	82	iP	03	08.10	-0.5
	1.0s	95.00nm			5.3mb	
CTA	30.95	273	iPd	03	16.60	0.2
	0.9s	42.86nm			5.0mb	
PMO	32.26	78	iP	03	27.20	-0.2
	0.8s	40.00nm			5.0mb	
VAH	32.40	79	iP	03	28.20	-0.4
	0.8s	25.00nm			4.8mb	
TPT	32.51	78	iP	03	29.40	-0.2
	0.8s	55.00nm			5.1mb	
RUV	32.64	79	iP	03	30.60	-0.1
	0.8s	35.00nm			4.9mb	
PMG	34.39	291	eP	03	44.00	-1.4
MDG	37.79	296	eP	04	13.00	-0.5
ASPA	41.30	262	iPd	04	41.70	-0.4
WRA	41.78	268	iPd	04	45.00	-0.9
KNA	48.11	271	eP	05	34.10	-0.9
SPA	65.04	180	ePc	07	31.80	0.3
	1.0s	17.86nm			4.6mb	
MAT	72.58	326	eP	08	15.00	-1.8
	0.8s	23.88nm			4.8mb	
SYP	82.59	47	eP	09	11.00	0.2
PRS	82.79	44	eP	09	12.20	0.6
GCC	82.83	44	eP	09	12.20	0.5
SAO	83.01	44	eP	09	13.50	0.8
PRI	83.12	45	eP	09	14.00	0.6
BRK	83.20	43	eP	09	14.00	0.5
BKS	83.21	43	eP	09	14.20	0.6
	0.9s	40.00nm			5.0mb	
MHC	83.25	43	eP	09	14.50	0.5
MWC	83.68	48	eP	09	16.00	-0.3
BAR	83.73	50	eP	09	17.00	0.6
PLM	83.99	49	eP	09	18.00	0.1
FRI	84.25	45	eP	09	18.70	-0.1
ISA	84.26	46	eP	09	19.00	0.0
JAS1	84.37	44	ePc	09	19.70	0.3
ORV	84.71	42	eP	09	21.00	0.0
WDC	84.74	40	ePc	09	21.40	0.3
TPC	84.97	49	eP	09	23.00	0.5
MIN	85.14	41	eP	09	23.00	-0.3
GSC	85.15	47	eP	09	23.00	-0.4
GLA	85.23	50	eP	09	25.00	1.3
MNA	86.10	44	eP	09	28.10	0.1
BMN	87.86	43	iP	09	36.50	0.2
EUR	88.09	44	iP	09	37.50	0.0
	0.3s	9.23nm			5.1mb	
LTX	91.54	58	iP	09	54.50	1.1
	1.0s	10.20nm			4.8mb	
ALQ	92.13	52	eP	09	56.00	-0.2
	1.0s	7.00nm			4.6mb	
GOL	95.18	49	eP	10	10.10	0.0
	1.0s	5.50nm			4.7mb	
GBA	106.33	278	PKP	15	01.10	-7.7X
HYB	106.75	282	ePKP	15	09.00	-0.6
NDI	111.68	292	ePKP	15	22.50	3.9X
SOB1	128.01	126	ePKP	15	48.60	-1.8
NB2	143.18	350	PKP	16	12.60	-4.5X
	0.7s	4.80nm				
	S.D. = 0.7 on 51 of 54 obs.					

DEC 21, 1985 10h 01m 58.60± 0.19s
14.187 S ± 4.8km 166.452 E ± 4.0km
DEPTH = 33.0km (normal)
5.6mb (27 obs.) 5.9Msz (8 obs.)
VANUATU ISLANDS (186)
Ms 6.2 (BRK), 5.6 (PAS).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 41C
Centroid Location:
Origin Time 10:02: 5.6 0.2
Lat 14.29S 0.02 Lon 166.40E 0.02
Dep 37.5 1 6 Half-duration 4.7
Moment Tensor; Scale 10**25 D-CM
Mrr= 2.30 0.04 Mtt= 0.74 0.07
Mtf=-3.04 0.07 Mrt= 0.85 0.08
Mrf=-0.38 0.09 Mtf= 0.32 0.04
Principal Axes:
T Val= 2.68 Plg=67 Azm= 6
N 0.42 23 172
P -3.10 5 264
Best Double Couple:Mo=2.9*10**25
NP1:Strike= 17 Dip=45 Slip= 123
NP2: 154 54 61

PVC	3.96	153	iPd	03	01.00	2.4
			iS	03	52.50	
DZM	7.84	180	iPc	03	50.80	-2.6
HNR	7.93	306	eP	03	54.00	-0.5
NOU	8.08	180	iPc	03	53.80	-2.8
			iS	05	30.00	
SVO	8.20	307	eP	03	59.00	0.7
VSG	8.22	306	eP	03	58.00	-0.6
NDF	11.16	110	eP	04	41.00	2.1
VUN	12.15	110	eP	04	52.80	0.4
PAA	13.33	305	eP	05	25.00	16.9X
BGA	13.66	305	eP	05	28.00	15.4X
ALOA	16.18	282	eP	05	50.50	5.3X
RAB	17.23	304	eP	06	04.00	5.5X
			iS	09	24.00	
BRS	18.31	222	P	06	15.30	3.4X
			iS	09	45.00	
LMG	18.68	284	eP	06	21.00	4.5X
PMG	19.47	282	eP	06	26.00	0.2
CTA	20.17	250	iPd~	06	33.10	-0.1
	1.2s	400.78nm			5.6mb	
			iS	10	11.00	
RMQ	20.59	231	iPd	06	38.20	0.7
	1.0s	1023.00nm			6.1mb	
			e	11	53.00	
CRZ	20.93	165	eP	06	42.00	1.1
COO	21.11	217	eP	06	43.00	0.1
MDG	22.21	292	eP	06	57.50	3.6X
RIV	23.97	213	eP	07	14.00	3.0X
WEW	24.87	293	eP	07	23.00	3.1X
KRP	24.98	163	P	07	19.00	-1.7
			(pP)	07	26.00	25kmX
			ScP	14	44.00	
			eScS	18	28.00	
CMS	25.57	224	eP	07	26.00	-0.3
	1.0s	225.00nm			5.7mb	
CAN	26.26	214	eP	07	35.80	3.1X
			i	07	45.00	
			e	08	24.00	
TZZ	26.37	287	eP	07	38.00	4.0X
GNZ	26.42	159	P	07	34.00	-0.1
			S	12	11.00	
ISO	26.45	252	eP	07	37.00	2.4
WAM	26.98	213	eP	07	40.00	0.7
			i	07	53.50	
MNG	27.49	165	P	07	42.00	-1.9
			S	12	31.00	
WEL	27.95	167	e(P)	07	44.00	-4.0X
Z	18s	57.73um			6.2Msz	
N	18s	48.11um				
E	20s	21.28um				
			S	12	26.00	
			e	13	38.00	
STK	28.76	228	eP	07	55.00	-0.4
			e	08	25.00	
			e	11	03.00	
WB2	31.18	255	eP	08	15.50	-1.6
			i	08	24.90	
WRA	31.19	255	eP	08	15.50	-1.7
ADE	32.44	225	iPd	08	31.20	3.2X
	0.9s	47.06nm			5.4mb	
TAU	33.02	206	eP	08	34.00	1.1
			e	11	21.00	
			e	13	40.00	
GUA	34.84	321	e(P)	08	51.30	2.4
SLKI	35.01	276	eP	08	59.20	8.8X
WBN	39.12	246	eP	09	26.00	1.0
AAI	39.14	282	eP	09	29.00	3.8X
	0.5s	0.40nm			3.4mb X	
AFR	42.17	101	iP	09	50.20	0.2
	0.9s	45.00nm			5.2mb	
PAE	42.35	101	iP	09	51.80	0.2
	0.9s	45.00nm			5.2mb	

PPT	42.36	101	iP	09	52.00	0.3
	0.9s	45.00nm			5.2mb	
PPN	42.50	101	iP	09	53.90	1.1
	0.9s	70.00nm			5.4mb	
TVO	42.66	101	iP	09	54.70	0.5
	0.9s	95.00nm			5.5mb	
PMO	44.13	97	iP	10	06.60	0.6
	1.2s	235.00nm			5.9mb	
VAH	44.36	97	iP	10	08.20	0.3
	1.2s	140.00nm			5.7mb	
TPT	44.39	97	iP	10	08.80	0.6
	1.2s	165.00nm			5.7mb	
KLG	44.41	240	eP	10	11.00	2.8X
RUV	44.60	97	iP	10	10.20	0.3
	1.2s	170.00nm			5.8mb	
MBL	44.83	254	eP	10	13.00	1.3
	1.0s	118.00nm			5.7mb	
DAV	45.74	295	eP	19	27.00	8.1X
MEK	46.33	247	eP	10	23.50	0.0
MKS	47.08	276	eP	10	33.60	4.1X
KLB	47.68	240	eP	10	33.00	-1.1
NWAO	48.35	238	eP	10	38.00	-1.3
	0.7s	95.00nm			5.9mb	
			eS	17	48.00	
MRWA	48.85	244	eP	10	42.00	-1.2
	0.5s	20.00nm			5.4mb	
NAU	48.87	252	eP	10	44.00	0.6
MUN	49.04	240	eP	10	44.00	-0.6
KHKI	50.12	271	eP	10	53.30	0.2
			e	17	22.10	
PGP	52.79	299	eP	10	54.00	-19.2X
PPR	52.98	294	eP	11	11.00	-3.7X
TRT	53.14	271	IPc	11	17.20	1.3
KKM	53.74	289	ePc	11	22.40	2.1
BAG	54.57	302	eP	11	27.50	1.0
NAH	55.09	317	iPd	11	16.10	-13.8X
			e	11	58.00	
NGO	55.15	317	Pd	11	22.40	-8.0X
			e	12	10.10	
MAT	57.06	333	(P)	11	42.00	-2.0
	1.0s	66.00nm			5.6mb	
Z	20s	4.79um			5.6Msz	
			eS	19	04.00	
SHK	58.12	327	eP	11	48.80	-2.6
QZH	60.75	310	eP	12	13.50	3.8X
SSE	62.58	317	eP	12	20.00	-1.9
Z	28s	8.40um			5.8MszX	
N	28s	6.70um				
E	28s	3.90um				
			pP	12	23.50	11kmX
			sP	12	31.40	
			PP	14	26.00	
			S	20	32.00	
HKC	62.77	305	eP	12	24.00	0.7
			eS	21	05.00	
GZH	63.82	305	Pc	12	32.00	1.8
KGM	64.56	279	ePd	12	38.10	2.8X
			e	17	11.00	
NJ2	64.74	316	Pc	12	38.50	2.4
			S	21	18.00	
QIZ	64.78	299	eP	12	38.50	1.9
			eS	21	23.00	
PPI	66.70	276	eP	12	55.30	6.3X
WHN	66.99	312	P	12	52.00	1.4
DL2	67.39	323	eP	12	52.10	-0.8
MDJ	67.43	332	Pc	12	51.60	-1.5
IPM	67.50	281	ePd	12	56.40	2.3
			e	13	51.50	
SNY	68.32	327	iPc	12	58.20	-0.4
			S	22	00.00	
TIA	68.41	319	eP	12	58.10	-1.3
SNG	68.67	284	eP	13	04.50	3.1X
CN2	68.78	329	Pc	13	00.00	-1.5
PSI	68.96	279	ePd	13	05.70	2.5
			e	24	40.50	
GYA	70.76	305	P	13	16.00	1.9
LOE	71.15	294	eP	13	17.80	1.3
			e	15	50.00	
NNT	71.25	289	eP	13	23.70	6.6X
NST	71.95	292	eP	13	25.00	3.8X
TIY	72.33	318	eP	13	22.60	-0.6
XAN	72.74	313	Pd	13	25.30	-0.4
KHT	73.03	290	eP	13	31.60	4.0X
KMI	73.35	302	Pc	13	29.50	-0.2
			pP	13	40.00	34kmX
			S	21	46.00	
CHG	74.13	295	iPc	13	36.40	2.4

21d 10h

	1.1s 56.96nm 5.5mb					
HHC	74.66 320 eP	13 37.00	0.2			
CD2	75.05 308 eP	13 36.60	-2.6			
BTO	75.49 319 eP	13 44.30	2.7X			
	eS	23 23.50				
SPA	75.90 180 ePc	13 40.40	-3.2X			
	1.0s 108.33nm 5.8mb					
	Z 20s 5.41um 5.9Msz					
LZH	77.37 313 P	13 53.00	0.7			
GTA	81.72 314 Pc	14 15.60	0.0			
	eS	24 31.40				
TTA	82.22 16 eP	14 19.00	1.4			
SHL	82.61 299 eP	14 20.00	-0.6			
	iS	24 36.80				
PMR	83.26 20 P	14 20.50	-2.3			
	1.0s 62.50nm 5.7mb					
	Z 22s 6.99um 6.0Msz					
PME	83.32 20 eP	14 20.80	-2.4			
	1.5s 215.20nm 6.0mb					
BLP	84.58 53 P	14 31.30	1.2			
LSA	84.60 302 eP	14 30.80	-0.1			
	eS	24 54.00				
ARN	84.75 50 P	14 31.00	0.0			
GAS	84.78 47 P	14 32.50	1.3			
SYP	84.89 53 eP	14 33.00	1.2			
PRI	84.95 51 eP	14 32.00	-0.1			
BCH	85.04 52 P	14 33.30	0.7			
WDC	85.20 46 eP	14 34.30	0.9			
IMA	85.34 15 eP	14 32.10	-1.3			
ABL	85.59 53 P	14 34.00	-1.5			
ORV	85.60 48 ePc	14 35.60	0.5			
JAS1	85.78 49 eP	14 35.50	-0.6			
FRI	85.97 50 eP	14 37.50	0.5			
COL	86.08 18 eP	14 35.00	-2.0			
	0.9s 83.61nm 6.0mb					
FBA	86.08 18 P	14 33.00	-4.0X			
	1.0s 100.00nm 6.0mb					
PAS	86.16 54 eP	14 38.00	0.0			
	ePP	17 58.00				
	eSKS	24 58.00				
	eS	25 38.00				
	ePS	26 20.00				
	eSS	31 00.00				
	eSSS	34 38.00				
	eLg	37 08.00				
	e	40 22.00				
	eLR	41 00.00				
	eLR	41 00.00				
MWC	86.27 54 eP	14 39.00	0.2			
ISA	86.44 52 eP	14 41.00	1.5			
RVR	86.73 54 eP	14 41.00	0.2			
BAR	86.86 55 eP	14 43.00	1.5			
PLM	86.92 55 eP	14 43.00	1.0			
CWC	87.01 51 eP	14 43.00	0.7			
SDW	87.17 53 P	14 40.00	-3.1			
GSC	87.60 53 eP	14 46.00	0.9			
MNA	87.63 50 eP	14 45.20	-0.1			
TPC	87.81 54 eP	14 46.00	-0.1			
GLA	88.45 55 eP	14 50.00	0.8			
PKI	88.74 299 eP	14 50.60	-0.5			
KKN	88.92 299 eP	14 51.60	-0.1			
BMN	88.99 48 eP	14 52.00	0.3			
DMN	89.01 299 eP	14 52.30	0.1			
EUR	89.59 49 iP	14 52.30	-2.4			
	0.5s 1.60nm 4.6mb X					
PNT	90.49 39 eP	14 59.00	0.7			
	1.1s 29.00nm 5.5mb					
KOD	91.49 280 eP	15 07.00	3.0X			
NEW	91.67 41 eP	15 03.00	-0.8			
WMQ	91.79 315 P	15 03.80	-0.7			
	PP	18 44.50				
	eS	26 00.00				
	SS	32 20.00				
MSU	92.11 51 P	15 07.00	0.6			
GBA	92.33 283 Pc	15 07.00	-0.4			
	1.1s 14.80nm 5.3mb					
INK	92.63 19 eP	15 08.00	0.2			
BDW	95.16 47 e(P)	15 24.00	3.7X			
EDM	95.47 37 eP	15 16.00	-5.2X			
ALO	95.65 56 eP	15 23.00	0.3			
	1.1s 4.43nm 4.8mb					
	Z 20s 5.14um 6.0Msz					
LTX	96.72 62 P	15 30.00	2.5X			
	Z 21s 3.54um 5.8Msz					
POO	96.82 287 iPd	15 30.40	2.4			
YKA	97.43 27 eP	15 27.60	-2.2			
GOL	97.54 51 P	15 31.00	-0.1			
	Z 20s 3.25um 5.8Msz					
MBC	99.97 14 eR	15 41.00	-0.1			
JCT	100.23 61 ePdiff	15 43.00	-0.4			
	1.0s 4.00nm 4.9mb					
RLO	105.03 56 ePKP	20 23.30	3.9X			
DAG	117.35 1 ePKP	20 39.00	-2.6X			
	i	22 36.00				
TPZ	117.74 124 ePKP	20 45.00	0.6			
FRB	117.75 24 ePKP	20 39.00	-3.6X			
CNCB	118.06 118 PKP	20 48.70	3.3X			
LPB	118.08 118 PKP	20 46.00	0.8			
ZOBO	118.17 117 PKP	20 45.00	-0.6			
	1.5s 26.88nm					
	LR	59 04.00				
IR2	118.82 303 (PKP)	20 45.00	-0.8			
KEV	119.00 345 ePKP	20 43.00	-1.9			
SUF	124.06 339 ePKP	20 52.00	-2.8X			
SWZ	124.19 223 iPKPd	20 58.50	2.1			
	1.0s 15.00nm					
MTD	125.85 237 ePKP	21 00.00	0.2			
BUL	126.31 232 iPKPd	21 01.00	0.3			
	1.1s 22.15nm					
	Z 21s 13.62um 6.6Msz					
	N 20s 8.51um					
	E 21s 5.73um					
KRI	127.41 236 ePKP	21 04.00	1.2			
NAI	127.83 257 ePKP	21 10.00	6.2X			
	1.2s 62.50nm					
NB2	129.90 345 PKP	21 04.20	-1.9			
	1.1s 39.50nm					
VAO	130.64 138 ePKP	21 06.30	-2.4			
	e	21 11.50				
	e	21 21.10				
HRI	131.53 302 ePKP	21 13.00	2.8X			
JER	132.25 300 ePKP	21 14.00	2.5X			
ITA	132.54 139 ePKP	21 12.80	0.2			
PRNI	132.65 298 ePKP	21 15.00	2.7X			
RDJ	133.07 141 ePKP	21 12.40	-0.8			
BDF	134.91 130 e(PKP)	21 11.70	-5.4X			
ATB	137.91 111 e(PKP)	21 14.00	-8.7X			
SKO	139.01 319 e(PKP)	21 09.00	-14.9X			
	i	21 25.00				
SOB1	144.27 129 ePKP	21 28.30	-5.6X			
	e	21 29.80				
	e	21 37.90				
	e	21 47.90				
CVF	145.74 330 ePKP	21 34.40	-1.2			
FRF	145.99 333 ePKP	21 35.20	-0.8			
LMR	146.23 333 ePKP	21 35.20	-1.2			
ITR	146.40 131 ePKP	21 34.00	-3.5X			
	i	21 38.20				
	i	22 04.10				
BNG	146.92 256 iPKPd	21 39.00	0.6			
	1.0s 235.00nm					
	ic	22 08.70				
	ic	23 01.00				
LGR	150.26 343 iPKP	21 47.50	4.8X			
EBR	150.77 338 (PKP)	21 42.00	-1.5			
TOL	153.08 344 ePKP	21 45.00	-1.9			
	ePP	48 40.00				
CRT	155.43 341 ePKP	21 45.00	-5.3X			
TAF	157.13 336 iPKP	21 56.00	3.4X			
	i	22 23.00				
AVE	160.17 345 iPKP	22 00.00	4.0X			
	i	22 38.50				
KIC	168.36 229 ePKP	22 04.30	0.5			
MBO	176.69 86 ePKP	22 11.50	4.6X			
	S.D. = 1.3 on 137 of 192 obs.					
	DEC 21, 1985 10h 04m 11.17± 0.45s					
	50.178 N ± 4.7km 12.439 E ± 3.5km					
	DEPTH = 24.1 ± 5.2 km					
	GERMANY (543)					
	ML 4.5 (FUR), 4.3 (GRF), 4.6 (VKA), 4.3 (BNS). Felt (VI) in the Cheb, Czechoslovokio area. Felt at Selb.					
HOF	0.39 291 iPgd	04 18.00	-1.5			
MOX	0.70 312 iPg	04 23.50	-1.2			
	iSg	04 32.50				
GRF	0.93 239 iPgc	04 29.00	0.6			
	eSg	04 41.50				
	eLg	04 43.70				
WET	1.07 164 iPgd	04 31.60	0.9			
BRG	1.19 54 iPg	04 32.60	0.3			
	iSg	04 47.00				
CLL	1.19 17 iPg	04 32.10	-0.2			
	iSg	04 47.00				
KHC	1.28 144 iPg	04 34.50	0.8			
	Sg	04 52.40				
PRU	1.37 97 Pn	04 34.50	-0.3			
	Pg	04 35.20				
	eSg	04 52.00				
FUR	2.15 201 iPgc	04 54.20	7.9X			
KMR	2.40 152 (Pn)	04 52.00	2.3			
	iPg-	04 55.80				
	iSg	05 24.60				
BHG	2.48 173 iPnc	04 51.70	0.9			
KSP	2.55 73 eP	04 52.50	0.6			
	0.6s 450.00nm					
TNS	2.56 273 ePn	04 55.20	3.1X			
	ePb	04 59.90				
	ISg	05 31.10				
GAP	2.85 199 iPgd	05 06.50	10.4X			
KBA	3.16 169 iPnd	05 02.00	1.3			
	iPg	05 11.20				
	i	05 16.90				
	iSn	05 37.70				
	iSg	05 53.50				
VKA	3.18 126 iPn	05 01.00	0.2			
	iPg	05 10.60				
	i	05 51.60				
	ISg	05 53.00				
BGG	3.28 272 ePn	05 02.50	0.4			
	0.9s 360.00nm					
	iPg	05 13.80				
	iSg	05 57.50				
GWF	3.36 251 ePn	05 13.20	9.9X			
	eSn	05 56.40				
OGA	3.44 196 ePn	05 04.50	-0.2			
BNS	3.45 285 ePn	05 07.00	2.5			
	0.7s 540.00nm					
	ePg	05 18.00				
	eSg	05 58.70				
	e	05 59.00				
SLE	3.55 229 eP	05 04.30	-1.7			
SAX	3.58 216 eP	05 20.90	14.2X			
ZST	3.65 121 iPn	05 07.50	0.1			
	i(Sn)	05 53.20				
	i(Sg)	06 06.00				
CDF	3.81 244 Pn	05 09.80	0.0			
	0.8s 798.00nm					
	Pg	05 22.00				
	Sg	06 13.00				
OSS	3.81 204 eP	05 09.40	-0.5			
GSH	3.91 281 iP	05 10.90	-0.3			
	iS	06 11.20				
WTS	3.99 299 ePn	05 14.00	1.8			
	ePg	05 27.00				
	eSg	06 17.00				
MEM	4.14 278 Pn	05 16.50	2.2			
	e	05 30.50				
	e	06 20.90				
MOF	4.20 238 ePn	05 12.40	-2.9X			
	eSn	05 24.00				
ENN	4.20 281 ePn	05 17.50	2.2			
	0.8s 19.00nm					
	ePg	05 30.50				
	eSg	06 22.00				
VOY	4.26 166 iPn	05 16.50	0.3			
	e(Sn)	06 11.30				
LJU	4.37 160 e(Pn)	05 16.40	-1.2			
	ePg	05 34.00				
	eSg	06 30.00				
BSF	4.40 240 Pn	05 16.60	-1.5			
	Pg	05 32.80				
	Sg	06 30.00				
ROF	4.42 230 ePn	05 34.40	16.0X			
	eSn	06 31.60				
WIT	4.47 308 ePg	05 41.50	22.5X			
	eSg	06 42.50				
HAU	4.55 244 Pn	05 19.50	-0.8			
	0.9s 461.00nm					
	Pg	05 36.00				
	Sg	06 35.40				
TRI	4.56 168 ePn	05 20.10	-0.3			
	ISn	06 13.00				
	ISg	06 38.50				
	i	06 41.30				
CEY	4.64 163 eP	05 22.10	0.6			
	e(Sn)	06 19.80				
VITF	4.67 248 ePn	05 20.80	-1.0			
	ePg	05 37.20				

		eSg	06 40.00			
TMA	4.72	212 eP	05 41.60	18.8X		
KRA	4.83	89 ePn	05 39.00	14.9X		
		iSn	06 37.90			
DOU	5.05	272 Pn	05 31.10	3.9X		
		i	05 36.60			
MMK	5.10	216 eP	05 28.30	0.1		
BUD	5.12	119 ePn	05 26.40	-1.8		
DIX	5.30	221 eP	05 49.70	18.6X		
PSZ	5.40	112 ePn	05 31.00	-1.3		
EMS	5.52	224 eP	05 54.50	20.4X		
LPG	6.05	221 Pg	06 00.20	24.6X		
	0.8s	85.00nm				
LOR	6.38	246 Pn	05 45.20	-0.9		
	0.8s	168.00nm		5.9mb X		
		Pg	06 11.20			
		Sg	07 34.00			
LBF	6.46	244 Pn	05 46.10	-1.1		
	0.6s	113.00nm		5.9mb X		
		Pg	06 12.60			
		Sg	07 36.50			
SSF	6.69	246 Pn	05 48.80	-1.6		
	0.6s	78.00nm		5.8mb X		
		Pg	06 16.80			
		Sg	07 44.00			
SMF	6.73	242 Pg	06 15.80	24.9X		
	0.8s	126.00nm				
		Sg	07 44.30			
GRC	6.83	249 iPnc	05 53.20	0.8		
		iPg	06 22.40			
		iSg	07 49.00			
AVF	6.92	244 Pg	06 20.60	26.9X		
	0.9s	124.00nm				
		Sg	07 51.00			
BGF	7.34	244 Pg	06 29.20	29.7X		
	0.6s	34.00nm				
		Sg	08 04.00			
MZF	7.69	243 Pg	06 34.40	30.1X		
	0.8s	97.00nm				
		Sg	08 13.80			
TCF	7.86	244 Pg	06 37.50	30.7X		
	0.6s	58.00nm				
		Sg	08 18.80			
NUR	12.44	29 eP	07 08.00	-1.4		
		eS	09 09.00			
	S.D. = 1.3	on 39 of 58 obs.				
	DEC 21, 1985 10h 10m 43.09± 0.73s					
	24.596 N ± 5.1km 125.745 E ± 5.8km					
	DEPTH = 57.0 ± 6.8 km					
	5.3mb (16 obs.)					
	SOUTHWESTERN RYUKYU ISLANDS (246)					
	Felt (I JMA) on Miyoko-jimo.					
MYK	0.46	294 iPd	10 54.20	-0.3		
		iS	11 03.00			
ISI	1.46	260 iPd	11 08.70	1.2		
		iS	11 27.40			
KMJ	1.98	29 Pd	11 10.60	-4.1X		
		S	11 31.30			
TWC	3.55	271 eP	11 37.40	0.5		
		eS	12 16.50			
TWZ	3.82	278 eP	11 42.20	1.4		
TATO	3.89	276 iP	11 43.30	1.6		
TWF1	4.25	254 iPd	11 44.50	-2.4		
		eS	12 30.00			
TWG	4.63	249 iPd	11 49.60	-2.6		
CVP	7.77	209 eP	12 34.00	-2.1		
		eS	13 50.80			
SZP	8.57	216 iPd	12 45.30	-1.8		
MAN	10.82	205 eP	13 18.00	0.2		
PGP	11.93	203 eP	13 18.00	-14.8X		
	1.0s	207.00nm				
OYM	15.89	44 eP	14 25.80	1.3		
MAT	16.01	39 eP	14 27.00	1.0		
	0.9s	289.92nm		5.4mb		
SRY	16.03	44 eP	14 27.60	1.4		
PPR	16.18	206 eP	14 30.00	1.7		
DDR	16.23	42 eP	14 30.00	1.2		
TSK	16.93	44 eP	14 35.00	-2.6		
KKM	20.59	208 ePd	15 22.00	2.0		
	1.0s	189.70nm		5.4mb		
IPM	31.00	234 ePd	16 59.10	1.5		
		e	17 18.90			
PPI	34.98	228 ePd	17 33.50	1.5		
PKI	36.24	284 iPc	17 43.40	0.4		
KKN	36.34	284 iPc	17 44.00	0.3		
DMN	36.51	284 iPc	17 45.70	0.5		
NDI	43.34	286 iPc	18 41.00	-0.4		
	0.7s	150.68nm		5.9mb		
		eS	25 04.00			
HYB	44.46	270 eP	18 51.20	0.6		
	1.0s	25.00nm		5.0mb		
WRA	45.05	169 iPc	18 55.20	0.0		
WB2	45.06	169 iPc	18 55.20	0.0		
		i	19 08.90			
MBL	45.84	188 eP	18 44.00	-17.3X		
		e	19 14.00			
GBA	46.73	266 Pc	19 08.90	0.3		
	1.2s	24.70nm		5.0mb		
NAU	47.90	193 iPc	19 16.80	-0.8		
KOD	47.98	261 eP	19 20.00	1.2		
POO	48.41	273 iPc	19 22.30	0.5		
CTA	48.69	154 iPd	19 24.30	0.5		
	1.1s	24.05nm		5.1mb		
WBN	50.44	179 eP	19 38.20	1.1		
KLB	56.39	188 eP	20 21.00	0.1		
NWAO	57.77	188 eP	20 28.00	-2.6		
BRS	57.89	152 P	20 30.20	-1.4		
CAN	63.53	159 eP	21 10.80	1.0		
IMA	63.98	27 eP	21 11.80	-0.7		
IR2	64.28	299 iPc	21 15.10	0.2		
WAM	64.29	159 eP	21 15.80	1.1		
COL	66.53	28 eP	21 31.00	2.3		
	0.8s	15.67nm		5.1mb		
KEV	70.13	339 iP	21 49.40	-1.6		
	0.6s	20.90nm		5.2mb		
INK	71.27	23 ePc	21 56.40	-1.5		
	0.7s	46.00nm		5.5mb		
KJF	71.55	333 iP	21 58.20	-1.5		
	0.6s	24.80nm		5.3mb		
MBC	71.93	13 eP	22 01.00	-0.8		
SUF	72.70	332 iP	22 05.40	-1.1		
	0.7s	49.10nm		5.5mb		
ALE	73.03	1 eP	22 09.00	0.9		
	1.0s	28.00nm		5.1mb		
SLL	79.19	332 eP	22 42.80	-0.3		
	0.9s	2.90nm		4.2mb X		
NB2	79.77	333 P	22 44.60	-1.7		
	0.8s	29.70nm		5.3mb		
YKA	80.94	24 eP	22 52.00	-0.4		
RSNT	80.95	24 eP	22 51.40	-1.1		
		e	22 56.50			
YKC	81.00	24 ePc	22 53.50	0.8		
EDM	87.16	31 iPd	23 24.50	0.4		
NEW	88.25	37 eP	23 29.00	-0.5		
NAI	89.56	268 eP	23 20.00	-16.5X		
SES	90.06	32 ePc	23 37.80	-0.2		
LPG	90.92	322 eP	23 42.70	0.3		
	0.7s	25.70nm		5.7mb		
FFC	91.04	25 iPc	23 41.70	-0.6		
	0.7s	12.00nm		5.4mb		
FRB	91.24	6 eP	23 42.00	-1.0		
JAS1	92.15	46 eP	23 30.50	-17.3X		
	1.1s	1.00nm				
FRF	92.16	321 eP	23 47.40	-0.3		
LRM	92.27	36 eP	23 48.90	0.4		
LRG	92.39	321 eP	23 49.00	0.3		
	0.8s	35.90nm		5.9mb		
BMN	92.78	43 eP	24 01.40	10.6X		
BDW	95.82	37 eP	23 50.00	-14.9X		
KIC	122.81	296 ePKP	29 34.90	-0.1		
QUR	146.21	48 ePKP	30 19.50	0.5		
TPZ	169.00	76 (PKP)	30 49.00	3.4X		
	S.D. = 1.2	on 62 of 70 obs.				
	DEC 21, 1985 10h 16m 17.03± 0.27s					
	50.333 N ± 3.0km 12.325 E ± 2.4km					
	DEPTH = 10.0km (geophysicist)					
	GERMANY (543)					
	ML 5.1 (GRF), 5.1 (BNS), 5.0 (KOE). DUR 5.0 (KBA), 5.0 (VKA). Slight damage (VI) at Selb, Thiersheim, Thierstein and Rehau. Felt (II) at Bamberg, Nuernberg, Regensburg and Straubing. Felt (III) in the Karlstein area and (II) at Vienna and Sarasdorf, Austria. Felt (VII) in the Cheb, Czechoslovakia area.					
HOF	0.29	266 iPgd	16 27.80	4.7X		
MOX	0.55	305 iPg	16 33.20	5.0X		
		iSg	16 42.00			
GRF	0.96	228 iPgc	16 38.70	3.4X		
		eSg	16 51.20			
		eLg	16 53.50			
CLL	1.07	23 iPd	16 37.40	0.3		
		iPg	16 40.90			
		i	16 44.00			
		iSg	16 56.50			
BRG	1.17	62 iPgc	16 41.40	2.6		
		iSg	16 57.00			
WET	1.24	163 iPgd	16 41.10	1.0		
KHC	1.45	145 iPg	16 44.50	1.1		
		eSg	17 01.80			
PRU	1.47	103 iPnd	16 44.50	1.0		
		Pg	16 45.70			
		Sg	17 02.00			
FUR	2.28	198 iPnc	16 55.80	0.5		
		i	17 01.00			
		i	17 03.90			
TNS	2.49	269 ePn	17 01.90	3.6X		
		iPb	17 09.30			
		iSg	17 41.40			
KMR	2.57	152 iPn-	17 00.30	0.9		
		iPg-	17 05.00			
		iSg	17 36.20			
STU	2.57	234 ePn	17 00.50	1.1		
KSP	2.58	77 iP	17 01.80	2.3		
	0.8s	751.00nm				
BHG	2.84	172 ePn	17 01.20	0.8		
KOE	2.94	274 ePn	17 00.10	3.5X		
	1.0s	4330.00nm				
		iSg	17 55.40			
		eSg	17 55.60			
GAP	2.98	197 ePn	17 05.20	0.0		
		iPg	17 15.80			
BGG	3.20	270 iPnc	17 11.70	3.4X		
	1.0s	3890.00nm				
		iPg	17 23.40			
		eSg	18 03.60			
KBA	3.33	168 iPnd	17 10.70	0.4		
VKA	3.33	127 iPnd	17 10.80	0.6		
		iPg	17 20.00			
BNS	3.34	283 iPnc	17 14.10	3.8X		
	1.0s	4000.00nm				
		ePg	17 28.00			
		eSg	18 07.80			
		e	18 09.00			
GWF	3.34	248 ePn	17 11.60	1.2		
STB	3.51	276 iPnc	17 16.40	3.6X		
		iPg	17 30.00			
OGA	3.57	194 iPnc	17 13.90	0.1		
SLE	3.60	226 ePc	17 13.30	-0.7		
SAX	3.66	214 ePc	17 14.40	-0.7		
ZST	3.79	123 iPnd	17 16.90	0.2		
		iPg	17 25.70			
		iSn	18 01.50			
		iSg	18 11.10			
		i	24 55.70			
		i	25 10.70			
GSH	3.82	278 iPd	17 20.70	3.6X		
		iS	18 20.90			
CDF	3.82	242 Pn	17 18.00	0.8		
		Pg	17 31.20			
		Sg	18 22.40			
SOP	3.85	132 iPd	17 16.90	-0.6		
WTS	3.85	298 iPnd	17 22.20	4.7X		
	0.8s	38.00nm				
		iPg	17 32.50			
		iSb	18 19.50			
		iSg	18 36.50			
KLL	3.85	277 iPnc	17 20.70	3.1X		
		iPg	17 36.00			
		iSg	18 20.30			
ZUL	3.86	224 ePc	17 16.80	-0.9		
OSS	3.93	202 ePc	17 18.60	-0.2		
MEM	4.05	276 iPn	17 24.00	3.8X		
ENN	4.11	279 iPnc	17 24.50	3.4X		
	0.5s	13.00nm				
LLS	4.11	214 ePc	17 20.50	-0.9		
MOF	4.22	236 ePn	17 22.40	-0.5		
		ePg	17 39.60			
		eSg	18 31.20			
VDL	4.29	207 ePc	17 23.70	-0.4		
CTI	4.31	186 P	17 26.00	1.7		
WIT	4.31	307 e(Pn)	17 32.50	8.4X		
		ePg	17 50.00			
		e(Sb)	18 31.00			

21d 10h

		eSg	18	49.00		
BSF	4.41	238 Pn	17	25.60	-0.1	
		Pg	17	42.80		
		Sg	18	39.50		
VOY	4.43	166 iPn	17	25.90	0.0	
		iPg	17	41.60		
		e(Sn)	18	17.10		
		i(Sg)	18	32.30		
ROF	4.45	235 ePn	17	25.40	-0.6	
		ePg	17	43.20		
LJU	4.54	160 iPn	17	27.50	0.2	
		iPg	17	43.90		
		iSn	18	13.60		
		i(Sb)	18	28.10		
		iSg	18	39.70		
HAU	4.56	242 Pn	17	28.00	0.4	
	0.6s	2255.00nm				
		Pg	17	45.00		
		Sg	18	45.40		
VITF	4.66	245 ePn	17	30.00	1.0	
		ePg	17	46.40		
		eSg	18	48.80		
TRI	4.73	168 iPnd	17	30.20	0.2	
		i	17	47.60		
		iSn	18	21.50		
		i	18	49.70		
CEY	4.81	162 iPn	17	30.40	-0.8	
		i	17	48.20		
		eSg	18	42.90		
TMA	4.82	210 ePc	17	31.30	-0.2	
SAL	4.88	195 P	17	34.00	1.8	
KRA	4.90	90 ePn	17	31.90	-0.5	
		ePg	17	48.90		
		iSn	18	28.40		
DOU	4.97	270 Pn	17	37.00	3.6X	
UCC	5.10	278 Pn	17	42.00	6.8X	
		e	18	18.00		
ZAG	5.14	150 ePn	17	36.00	0.2	
		iPg	17	55.20		
		iSn	18	33.50		
		iSb	18	49.30		
		iSg	18	59.50		
SNF	5.14	275 Pn	17	43.80	7.9X	
		e	18	02.70		
MMK	5.18	216 ePc	17	35.90	-0.7	
BUD	5.26	120 iPd	17	37.00	-0.5	
	1.0s	169.70nm			5.6mb X	
SPC	5.26	100 ePn	17	38.20	0.5	
		e	17	48.00		
		i	18	40.90		
		i	18	47.40		
COP	5.36	1 iP	17	52.00	13.1X	
		iS	18	41.00		
DIX	5.37	220 ePc	17	38.20	-1.2	
PSZ	5.52	113 iPnd	17	40.40	-1.0	
EMS	5.58	222 ePc	17	40.80	-1.5	
LPG	6.12	220 Pn	17	49.00	-0.9	
	1.4s	2723.00nm			6.8mb X	
		Pg	18	14.40		
LOR	6.38	245 Pn	17	53.20	-0.1	
	0.8s	1343.00nm			6.9mb X	
		Pg	18	19.60		
		Sg	19	42.00		
LBF	6.46	242 Pn	17	54.20	-0.4	
	0.6s	986.00nm			6.9mb X	
		Pg	18	21.40		
		Sg	19	44.70		
CKI	6.52	206 P	17	57.00	1.7	
FIR	6.60	187 ePn	17	57.00	0.6	
		eSn	19	04.00		
SSF	6.69	244 Pn	17	57.60	-0.1	
	0.8s	923.00nm			6.9mb X	
		Sg	19	52.80		
SMF	6.74	240 Pn	17	58.00	-0.4	
	0.5s	547.00nm			6.8mb X	
		Pg	18	25.20		
		Sg	19	53.60		
GRC	6.82	247 iPnd	17	59.80	0.3	
		iPg	18	30.20		
		iSg	20	00.00		
FOUF	6.92	215 P	18	00.25	-0.5	
AVF	6.93	243 Pn	18	00.20	-0.8	
	0.9s	1049.00nm			7.0mb X	
		Pg	18	30.80		
		Sg	20	01.00		
BGF	7.35	243 Pn	18	06.00	-0.9	
	0.6s	902.00nm			7.1mb X	
		Pg	18	38.40		
		Sg	20	10.60		
MZF	7.69	241 Pn	18	12.00	0.3	
	1.2s	1395.00nm			7.0mb X	
		Pg	18	44.00		
		Sg	20	23.20		
BEO	7.78	132 iPn	18	11.10	-1.9	
		e	20	03.00		
		eSg	20	31.80		
FRF	7.81	212 Pn	18	13.20	-0.1	
	1.0s	363.00nm			6.5mb X	
		Sn	19	37.50		
TCF	7.86	243 Pn	18	13.20	-0.9	
	0.7s	517.00nm			6.9mb X	
		Pg	18	46.80		
		Sg	20	29.60		
LRG	8.00	213 Pn	18	16.40	0.4	
	1.3s	611.00nm			6.7mb X	
CDR	8.03	216 ePn	18	14.40	-2.0	
		e	18	15.40		
		e	18	15.60		
		e	18	38.00		
		i	18	49.80		
		i	18	50.60		
		i	19	16.50		
		i	19	43.00		
LMR	8.05	212 Pn	18	17.60	0.8	
	1.0s	403.00nm			6.6mb X	
		Sn	19	43.20		
CVF	8.12	198 Pn	18	17.60	-0.2	
LSF	8.28	245 Pn	18	20.40	0.5	
	0.8s	420.00nm			6.8mb X	
		Pg	18	56.80		
		Sg	20	42.20		
LDF	8.30	263 Pn	18	21.60	1.5	
		Pg	18	57.20		
		Sg	20	42.40		
DEV	8.36	118 ePd	18	25.00	4.0X	
FLN	8.48	264 Pn	18	24.80	2.1	
	1.2s	930.00nm			6.9mb X	
		Sg	20	49.20		
GZR	8.59	121 ePc	18	23.00	-1.3	
CAF	8.79	236 Pn	18	25.00	-2.0	
	1.0s	406.00nm			6.7mb X	
		Pg	19	06.00		
		Sg	20	56.20		
GRR	8.82	262 Pn	18	28.80	1.4	
		Sg	20	57.60		
RJF	8.84	239 Pn	18	28.60	0.9	
	0.9s	448.00nm			6.8mb X	
		Pg	19	06.00		
		Sg	20	59.80		
LPF	9.05	260 Pn	18	32.80	2.2X	
MFF	9.09	251 Pn	18	31.20	0.1	
LPO	9.42	237 Pg	19	17.60	42.0X	
	1.0s	625.00nm				
		Sg	21	15.20		
LFF	9.50	240 Pg	19	18.00	41.2X	
	1.0s	1250.00nm				
		Sg	21	18.80		
CMP	9.94	116 ePc	19	04.00	21.1X	
UPP	10.01	16 iP	18	51.40	7.6X	
		i	20	29.40		
NRA0	10.44	358 eP	18	48.60	-1.0	
ESY	10.57	308 e(Pn)	18	51.20	-0.2	
	0.5s	11.00nm			5.5mb X	
MLS	10.68	231 ePn	19	05.60	12.7X	
		ePg	19	40.00		
		eSg	21	48.40		
EBL	10.73	306 ePn	18	53.20	-0.4	
	0.3s	8.00nm			5.6mb X	
EDI	10.86	307 e(Pn)	18	56.80	1.4	
	0.6s	12.00nm			5.4mb X	
		eSn	21	00.40		
OHR	10.95	144 ePn	18	52.90	-3.9X	
ELO	11.36	309 ePn	19	05.20	2.9X	
		eSn	21	18.30		
VAY	11.49	138 ePn	19	01.80	-2.2	
NUR	12.34	30 iP	19	12.80	-2.7	
	0.8s	19.10nm			5.4mb X	
		eS	20	57.80		
SUF	14.52	26 eP	19	43.00	-1.2	
KJF	16.13	25 eP	20	05.00	0.0	
		eS	23	02.00		
		e	24	48.00		
IFR	21.15	224 iP	21	08.00	3.4X	
		i	21	56.50		
		i	23	34.00		
HSP	26.81	2 eP	21	51.00	-7.6X	
YKA	59.93	335 eP	26	30.70	5.6X	

S.D. = 1.1 on 79 of 109 obs.

DEC 21, 1985 10h 31m 03.86± 0.41s
12.437 N ± 6.8km 142.929 E ± 7.4km
DEPTH = 33.0km (normal)
SOUTH OF MARIANA ISLANDS (210)

GUMO	2.21	59 e(P)	31	38.60	-0.3	
		e(S)	32	03.00		
PJG	2.21	59 e(P)	31	37.80	-1.1	
		(TT)	33	52.00		
GUA	2.22	60 e(P)	31	38.10	-1.0	
	0.8s	531.34nm				
MDG	17.80	171 eP	35	31.00	20.2X	
DAV	17.91	254 eP	35	15.90	3.8X	
MAN	21.36	278 eP	35	58.50	7.9X	
BAG	22.00	283 eP	35	55.50	-1.8	
PMG	22.11	169 eP	35	56.00	-2.1	
MAT	24.37	351 (P)	36	20.00	-0.2	
SSE	27.34	316 eP	36	50.50	2.7	
WHN	31.98	309 eP	37	28.00	-1.2	
		i	37	35.00		
CTA	32.49	174 iP	37	35.00	1.3	
	1.0s	50.00nm			5.4mb X	
ISQ	33.11	186 eP	37	38.00	-1.2	
TIA	33.17	320 eP	37	41.30	1.8	
WRA	33.27	195 eP	37	38.10	-2.4	
CN2	34.69	338 eP	37	57.00	4.4X	
GYA	36.79	298 P	38	16.60	5.9X	
ASPA	36.95	194 eP	38	11.00	-1.0	
TIY	37.07	318 eP	38	12.50	-0.4	
XAN	37.66	311 eP	38	16.80	-1.1	
KMI	39.93	294 eP	38	37.50	0.3	
		i	38	44.50		
BTO	40.26	320 eP	38	39.00	-0.5	
CD2	40.51	303 eP	38	41.40	-0.3	
BRS	40.73	167 P	38	43.60	0.2	
DZM	41.33	146 iPd	38	48.10	-0.3	
WBN	41.51	202 eP	38	50.00	0.2	
NOU	41.53	146 iPc	38	52.00	2.1	
LZH	42.30	311 P	39	02.50	6.1X	
PPI	44.10	256 e(P)	39	11.50	0.4	
PSI	44.62	261 eP	39	19.00	3.7X	
		e	46	00.00		
GTA	46.55	313 P	39	29.60	-0.9	
BSI	47.50	266 eP	39	19.00	-19.1X	
CAN	47.84	173 iPc	39	42.00	1.5	
WAM	48.69	174 iPc	39	48.80	1.8	
WMQ	56.58	315 eP	40	45.40	-0.5	
HYB	62.16	283 eP	41	25.00	0.2	
POO	66.51	285 eP	41	53.00	-0.1	
INK	76.15	22 eP	42	56.00	6.1X	
IR2	84.49	305 (P)	43	37.00	1.8	
NEW	87.34	41 eP	43	51.00	2.1	
CWC	89.80	53 eP	44	21.00	19.9X	
MWC	90.40	55 eP	44	12.00	8.1X	
RVR	91.01	55 eP	44	13.00	6.6X	
GSC	91.11	54 eP	44	03.00	-4.0X	
PLM	91.59	55 eP	44	18.00	8.6X	
BAR	91.93	56 eP	44	18.00	7.3X	
TPC	92.04	55 eP	44	17.00	5.8X	
ZOBO	149.69	101 ePKPc	50	53.00	4.4X	
	1.2s	40.54nm				
LPB	149.70	101 iPKPc	50	54.00	5.6X	
	1.0s	26.00nm				
CNCB	149.80	102 iPKP	50	52.70	4.0X	
TPZ	151.21	112 ePKP	50	56.00	5.5X	
CCH	151.50	104 ePKP	51	00.00	9.1X	
SOB1	175.06	50 ePKP	51	27.20	15.2X	

S.D. = 1.4 on 31 of 53 obs.

DEC 21, 1985 10h 35m 41.14± 0.66s
50.221 N ± 6.4km 12.452 E ± 6.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.68	309 ePg	35	54.50	-0.2	
		iSg	36	03.00		
GRF	0.95	237 iPgc	35	59.60	0.3	
		eSg	36	12.20		
		eLg	36	14.40		
CLL	1.15	18 iPg	36	02.50	-0.1	
		eSg	36	18.00		
BRG	1.16	55 iPg	36	02.80	0.1	

		eSg	36 17.40			
KHC	1.31	146 iPg	36 05.00	-0.4		
		Sg	36 22.50			
PRU	1.37	99 ePg	36 06.50	0.3		
		e	36 08.20			
		eSg	36 24.00			
S.D. = 0.4		on 6 of 6 obs.				
DEC 21, 1985 10h 51m 24.36± 0.52s						
50.222 N ± 5.1km 12.441 E ± 4.6km						
DEPTH = 10.0km (geophysicist)						
GERMANY				(543)		
ML 3.4 (FUR), 3.1 (GRF).						
HOF	0.37	284 iPgd	51 31.90	-0.1		
MOX	0.68	309 iPg	51 37.80	0.0		
		iSg	51 47.00			
GRF	0.95	236 iPgc	51 42.80	0.3		
		eSg	51 55.20			
		eLg	51 57.50			
WET	1.11	165 iPgd	51 45.30	0.0		
CLL	1.15	18 iPg	51 45.60	-0.2		
		iSg	52 01.10			
BRG	1.16	55 iPgc	51 46.00	0.0		
		iSg	52 01.00			
KHC	1.32	146 iPg	51 48.10	-0.6		
		iSg	52 08.00			
PRU	1.37	99 Pg	51 50.20	0.7		
		Sg	52 07.80			
FUR	2.20	201 iPgc	52 08.00	6.6X		
TNS	2.56	272 ePb	52 13.80	7.1X		
		eSg	52 45.00			
VKA	3.21	126 iPgd	52 25.00	9.2X		
		iSg	53 08.20			
CDF	3.83	244 Pg	52 38.20	13.4X		
0.8s		51.00nm				
		Sg	53 26.00			
BSF	4.42	239 Pg	52 48.00	14.9X		
0.5s		31.00nm				
		Sn	53 19.80			
		Sg	53 42.40			
HAU	4.58	243 Pg	52 50.20	15.0X		
0.5s		29.00nm				
		Sg	53 48.10			
LBF	6.48	243 Pg	53 26.00	23.9X		
0.6s		9.00nm				
		Sg	54 47.40			
SMF	6.75	241 Pg	53 30.80	24.9X		
		Sg	54 56.60			
S.D. = 0.5		on 8 of 16 obs.				
DEC 21, 1985 11h 09m 52.02± 0.17s						
14.160 S ± 4.4km 166.601 E ± 3.7km						
DEPTH = 33.0km (normal)						
5.3mb (19 obs.)						
VANUATU ISLANDS				(186)		
PVC	3.92	155 iPc	10 55.10	3.7X		
		iS	11 49.50			
DZM	7.87	181 iPc	11 45.10	-2.1		
		iS	13 11.50			
HNR	8.03	305 eP	11 49.00	-0.4		
		e(S)	12 06.00			
NOU	8.11	181 iPc	11 50.00	-0.4		
		iS	13 20.50			
VSG	8.32	305 eP	11 53.00	-0.4		
NDF	11.03	110 eP	12 35.00	4.4X		
ALOA	16.31	282 eP	13 42.00	1.7		
BRS	18.43	222 P	14 08.30	1.6		
CTA	20.31	250 iPd	14 28.40	0.3		
1.2s		221.88nm		5.4mb		
RMQ	20.72	231 iPd	14 33.00	0.7		
		e	15 21.00			
		e	15 57.00			
CRZ	20.92	166 eP	14 34.00	-0.2		
COO	21.22	217 eP	14 38.00	0.6		
MDG	22.33	291 e(P)	14 50.00	1.4		
RIV	24.08	213 e(P)	15 10.00	4.6X		
KRP	24.96	163 P	15 13.90	0.0		
		i	16 18.80			
		PP	16 39.00			
		eScP	22 39.50			
CMS	25.69	224 eP	15 21.00	0.1		
1.0s		99.00nm		5.4mb		
CAN	26.36	214 eP	15 37.60	10.5X		
GNZ	26.40	160 P	15 31.60	4.3X		
MNG	27.48	165 P	15 33.20	-4.0X		
STK	28.88	228 eP	15 50.00	0.0		
		i	17 15.00			
WB2	31.33	255 eP	16 10.30	-1.5		
		i	16 21.00			
WRA	31.34	255 eP	16 10.30	-1.6		
ASPA	32.28	248 eP	16 18.00	-2.2		
ADE	32.56	226 iPc	16 23.60	1.1		
0.8s		23.88nm		5.1mb		
KNA	36.56	263 eP	16 56.50	-0.4		
WBN	39.27	246 eP	17 20.00	0.4		
AFR	42.03	101 eP	17 44.00	1.7		
0.9s		30.00nm		5.0mb		
PAE	42.22	101 eP	17 45.00	1.1		
0.9s		25.00nm		4.9mb		
PPT	42.22	101 eP	17 45.00	1.1		
0.9s		30.00nm		5.0mb		
PPN	42.36	101 eP	17 46.00	0.9		
0.9s		35.00nm		5.1mb		
TVO	42.53	101 eP	17 47.00	0.5		
0.9s		55.00nm		5.3mb		
PMO	43.99	97 iP	17 59.40	1.1		
1.2s		95.00nm		5.5mb		
VAH	44.22	97 iP	18 00.90	0.7		
1.2s		55.00nm		5.3mb		
TPT	44.25	97 iP	18 01.40	0.9		
1.2s		70.00nm		5.4mb		
RUV	44.46	97 iP	18 02.90	0.7		
1.2s		80.00nm		5.4mb		
MBL	44.98	254 eP	18 07.00	0.7		
MEK	46.47	247 eP	18 18.00	0.0		
KLB	47.82	240 eP	18 28.00	-0.6		
NWAO	48.49	238 eP	18 34.00	0.2		
0.7s		46 00nm		5.6mb		
MRWA	48.99	244 eP	18 37.50	-0.2		
NAU	49.02	252 iPd	18 38.90	0.9		
MUN	49.18	240 eP	18 39.00	-0.1		
KHKI	50.26	271 ePd	18 47.40	-0.2		
		e	21 44.80			
TRT	53.28	271 iPd	19 11.20	0.9		
KKM	53.87	288 ePd	19 15.50	0.8		
BAG	54.67	302 eP	19 20.00	-0.7		
MAT	57.10	333 iPc	19 36.40	-1.3		
1.2s		115.63nm		5.8mb		
SSE	62.66	317 P	20 15.30	-0.6		
KGM	64.70	279 ePd	20 30.50	0.9		
NJ2	64.82	316 Pd	20 30.20	0.2		
PPI	66.84	276 eP	20 50.00	6.6X		
WHN	67.08	312 eP	20 44.50	0.0		
		i	20 51.00			
MDJ	67.48	332 Pc	20 46.60	-0.2		
IPM	67.63	281 ePd	20 48.90	0.5		
SNY	68.38	327 eP	20 51.80	-0.6		
TIA	68.49	319 Pc	20 53.00	-0.3		
CN2	68.83	329 Pc	20 54.50	-0.7		
PSI	69.10	278 ePd	20 58.50	1.0		
		e	26 22.00			
GYA	70.86	305 P	21 08.60	0.4		
LOE	71.28	294 eP	21 10.40	-0.2		
TIY	72.40	318 Pc	21 17.90	0.8		
XAN	72.83	313 iPc	21 20.00	0.3		
KMI	73.46	302 Pc	21 24.00	0.3		
CHG	74.25	294 iPc	21 28.80	0.6		
1.0s		22.50nm		5.1mb		
HHC	74.73	320 Pd	21 32.00	1.3		
CD2	75.15	308 eP	21 33.70	0.5		
BTO	75.57	319 P	21 36.00	0.6		
SPA	75.93	180 iPc	21 36.30	-0.9		
1.0s		68.45nm		5.6mb		
GTA	81.81	314 iPc	22 10.40	1.0		
SHL	82.73	299 iP	22 15.50	0.9		
LSA	84.71	302 Pc	22 25.20	0.3		
SYP	84.76	53 eP	22 19.00	-5.6X		
COL	86.01	18 eP	22 29.00	-1.0		
1.0s		31.50nm		5.5mb		
MWC	86.14	53 eP	22 17.00	-14.6X		
ISA	86.31	52 eP	22 33.00	0.8		
BAR	86.72	55 eP	22 36.00	1.7		
PLM	86.79	55 eP	22 34.00	-0.8		
CWC	86.88	51 eP	22 34.00	-1.1		
GSC	87.47	53 eP	22 40.00	2.1		
TPC	87.67	54 eP	22 38.00	-0.9		
GLA	88.31	55 eP	22 41.00	-0.9		
PKI	88.86	299 iPc	22 45.30	0.3		
7.0s		78.00nm		5.1mb X		
BMN	88.86	48 eP	22 44.00	-0.5		
KKN	89.03	299 iPc	22 46.30	0.6		
DMN	89.13	299 iPc	22 46.90	0.7		
EUR	89.46	49 iP	22 46.50	-1.0		
1.0s		3.46nm		4.6mb		
WMQ	91.87	315 iPc	22 58.50	0.2		
HYB	92.34	287 eP	23 01.50	0.6		
GBA	92.47	283 Pd	23 02.40	0.9		
1.1s		18.00nm		5.4mb		
INK	92.56	19 eP	23 05.00	4.2X		
IR2	118.93	303 ePKP	28 39.00	-0.4		
KEV	119.01	345 ePKP	28 37.00	-1.3		
KJF	122.57	340 ePKP	28 47.00	1.8		
NUR	126.10	338 iPKP	28 52.00	-0.2		
0.7s		29.30nm				
SLL	129.82	343 ePKP	28 58.10	-1.2		
0.7s		7.20nm				
NB2	129.91	345 PKP	28 58.80	-0.7		
1.1s		21.10nm				
VAO	130.56	138 ePKP	29 01.70	-0.3		
ITA	132.47	139 ePKP	29 10.40	4.5X		
BDF	134.82	130 e(PKP)	29 07.40	-2.9X		
		i	32 36.90			
KSP	136.24	333 ePKP	29 11.00	-0.8		
PSZ	136.49	328 ePKPd	29 12.00	-0.5		
BRG	137.22	335 iPKP	29 12.60	-1.1		
1.3s		36.00nm				
CLL	137.27	336 ePKP	29 13.00	-0.8		
1.5s		20.00nm				
SRO	137.37	328 ePKP	29 13.60	-0.5		
PRU	137.63	333 PKP	29 15.50	1.0		
		eSg	34 52.00			
ZST	137.72	330 ePKP	29 14.50	-0.2		
MOX	138.34	336 e(PKP)	29 15.00	-0.8		
KHC	138.69	333 iPKPc	29 15.50	-1.0		
1.2s		16.00nm				
KBA	140.31	331 i(PKP)	29 20.70	1.0		
1.0s		21.80nm				
MEM	140.38	341 PKP	29 14.90	-4.5X		
LJU	140.48	329 ePKP	29 19.00	-0.8		
		e	30 40.00			
VOY	140.80	330 ePKP	29 19.30	-1.2		
DOU	141.27	341 PKP	29 15.80	-5.3X		
CDF	141.81	338 iPKPc	29 16.10	-6.1X		
SLE	141.87	336 ePKPd	29 16.20	-6.1X		
OSS	142.05	333 ePKPd	29 17.40	-5.4X		
BSF	142.47	338 ePKP	29 18.80	-4.6X		
HAU	142.49	338 iPKPc	29 18.50	-4.8X		
VDL	142.49	334 ePKPd	29 18.70	-4.9X		
TMA	143.05	334 ePKPd	29 20.10	-4.4X		
MMK	143.47	335 ePKPd	29 22.70	-2.7X		
DIX	143.68	335 ePKPd	29 23.90	-1.8		
EMS	143.88	336 ePKPa	29 24.20	-1.8		
FLN	143.89	345 iPKPc	29 23.50	-2.1		
LDF	143.96	345 ePKP	29 22.70	-3.1X		
LOR	143.99	340 ePKP	29 23.10	-2.8X		
SO81	144.18	129 ePKP	29 23.60	-3.6X		
		e	29 29.20			
		e	29 40.70			
LBF	144.19	340 iPKPc	29 23.20	-3.1X		
GRC	144.22	341 iPKPd	29 24.60	-1.6		
SSF	144.28	340 iPKPc	29 24.10	-2.3X		
GRR	144.33	346 iPKPc	29 23.90	-2.5X		
LPG	144.42	335 iPKPc	29 25.30	-1.8		
SMF	144.53	339 iPKPc	29 24.60	-2.2X		
AVF	144.57	340 iPKPc	29 24.60	-2.3X		
LPF	144.70	346 iPKPc	29 25.20	-1.8		
BGF	144.94	340 iPKPc	29 26.40	-1.1		
MZF	145.33	340 iPKPc	29 27.40	-0.8		
TCF	145.39	341 iPKPc	29 27.70	-0.6		
LSF	145.63	342 iPKPc	29 28.20	-0.5		
CVF	145.79	330 iPKPc	29 28.70	-0.4		
MFF	145.80	344 iPKPc	29 28.90	-0.1		
FRF	146.03	334 iPKPc	29 29.60	0.1		
LRG	146.24	334 iPKPc	29 30.40	0.6		
LMR	146.27	333 iPKPc	29 30.10	0.3		
ITR	146.31	131 ePKP	29 28.60	-2.2		
		e	29 48.50			
CDR	146.31	335 iPKPc	29 31.00	1.1		
RJF	146.48	341 iPKPc	29 31.00	0.9		
CAF	146.64	340 iPKPc	29 31.70	1.3		
LFF	147.06	341 iPKPc	29 32.60	1.6		
BNG	147.07	256 iPKPd	29 31.20	-0.8		
1.0s		140.00nm				
		id	29 34.10			
LPO	147.14	341 iPKPc	29 33.00	1.8		
MLS	148.71	339 iPKPc	29 37.00	3.2X		
EPF	148.89	340 iPKPc	29 37.70	3.6X		
LGR	150.27	344 iPKPc	29 42.50	6.3X		
EBR	150.80	338 ePKP	29 43.00	6.0X		

21d 11h

TOL	153.09	344	ePKP	29	40.00	-0.4
			i	29	48.00	
TAF	157.17	336	iPKP	29	48.00	1.9
IFR	159.32	340	iPKP	29	49.50	0.8
			i	30	26.00	
AVE	160.19	345	iPKP	29	49.00	-0.4

S.D. = 1.0 on 125 of 159 obs.

DEC 21, 1985 11h 18m 12.40± 0.30s
42.272 N ± 3.5km 19.912 E ± 2.5km
DEPTH = 6.7 ± 2.4 km
4.4mb (4 obs.)
YUGOSLAVIA (383)
DUR 4.0 (TTG).

PVY	0.33	8	iPgc	18	18.70	-0.4
			eSg	18	23.50	
TTG	0.51	288	iPgc	18	22.60	0.0
			iSg	18	32.50	
ULC	0.58	238	ePg	18	25.30	1.2
			eSg	18	35.20	
IVA	0.60	359	iPgc	18	23.70	-0.7
			eSg	18	32.50	
BDV	0.86	271	iPg	18	28.70	0.4
			eSg	18	43.50	
NKY	0.87	309	ePg	18	29.00	-0.4
			eSg	18	43.50	
HCY	1.06	280	iPgc	18	33.40	0.7
			eSg	18	49.20	
SKO	1.18	104	iPnc	18	33.00	-1.6
			i	18	37.80	
			iSn	18	50.50	
BRY	1.19	302	iPg	18	34.50	-0.5
			iSg	18	53.50	
OHR	1.34	150	iPn	18	35.70	-1.7
VAY	2.20	115	iPn	18	49.70	-0.2
GRG	2.28	124	ePc	18	51.40	0.3
VTS	2.46	81	iPc	18	54.00	0.5
KNT	2.50	115	ePc	18	54.40	0.3
THE	2.82	125	iPc	18	59.20	0.5
			eS	19	32.80	
SSR	2.91	27	iP	19	00.00	0.0
LIT	2.91	137	ePd	19	00.70	0.6
			eS	19	40.00	
MMB	2.93	102	iPc	19	01.00	0.7
			Sg	19	47.00	
SRS	2.99	111	ePd	19	01.10	0.0
			eS	19	36.00	
OUR	3.63	121	eP	19	10.00	-0.1
PAIG	3.69	128	iPd	19	10.80	-0.2
GZR	3.75	33	ePd	19	11.50	-0.4
PVL	3.97	76	iPd	19	13.00	-2.1
KDZ	4.10	97	iP	19	17.00	0.1
			iS	20	04.00	
DIM	4.22	91	eP	19	13.00	-5.6X
			Sg	20	26.00	
CMP	4.77	49	ePc	19	57.00	30.5X
BUC1	4.92	63	eP	19	00.00	-28.6X
BUD	5.25	353	ePn	19	32.00	-1.2
CEY	5.26	313	iPn	19	35.60	2.2
			eSn	20	39.40	
LJU	5.40	316	ePn	19	37.90	2.5X
	2.0s	6600.00nm				6.9mb X
			eSn	20	44.50	
			e	20	48.30	
			e	21	07.50	
MLR	5.42	52	ePd	19	37.00	1.3
			e	29	05.00	
EZN	5.43	115	eP	19	33.70	-2.0
ISR	5.60	57	ePd	19	40.00	1.8
TRI	5.61	310	ePn	19	39.00	0.7
			iSn	20	45.00	
			i	21	20.40	
PSZ	5.65	360	ePn	19	37.00	-1.9
SRO	5.66	349	iPn	19	39.80	0.9
VOY	5.73	313	iPn	19	41.70	1.6
			iSn	20	25.40	
DMK	5.86	92	eP	19	40.00	-1.8
SOP	5.91	337	ePc	19	41.00	-0.6
PSN	6.23	74	eP	19	49.00	2.1
ZST	6.25	342	ePn	19	46.30	-0.9
			i	19	54.70	
			i	20	05.10	
EDC	6.29	105	eP	19	50.00	2.1
TLB	6.35	66	ePd	19	48.00	-0.7
VKA	6.51	338	i(Pn)	19	51.70	0.8
			iSn	21	07.00	
FIR	6.52	286	eP	20	05.00	13.9X
KBA	6.71	318	iPnc	19	54.10	0.2
			id	19	54.80	
			i(Sn)	21	13.00	
			i	21	19.30	
BHG	7.38	320	iPd	20	05.70	2.5
HRT	7.46	98	eP	19	52.00	-12.4X
KRA	7.79	0	eP	20	08.40	-0.4
			e	20	21.00	
OGA	7.83	309	eP	20	09.70	0.0
KHC	8.16	329	iP	20	14.50	0.4
	0.8s	27.00nm				5.6mb X
			e	23	05.50	
CVF	8.18	276	eP	20	15.00	0.6
	0.7s	24.20nm				5.6mb X
OSS	8.26	306	eP	20	15.80	0.1
PRU	8.57	336	eP	20	03.00	-16.7X
			e	20	22.00	
VDL	8.58	303	eP	20	21.00	0.8
TMA	8.81	300	eP	20	23.30	0.0
KSP	8.93	345	eP	20	26.00	1.3
			e	23	49.00	
SAX	9.01	307	eP	20	27.20	1.0
LLS	9.04	304	eP	20	27.10	0.6
MMK	9.38	298	eP	20	32.30	1.1
BRG	9.53	337	e(P)	20	33.00	0.0
			e	21	59.00	
			e	23	27.00	
GRF	9.57	324	eP	20	33.10	-0.5
Z	20s	3.00um				
DIX	9.75	297	eP	20	36.90	0.5
SLE	9.77	308	eP	20	35.20	-1.2
FRF	9.82	282	iPc	20	36.10	-1.0
	0.6s	11.50nm				5.5mb X
LMR	9.91	281	eP	20	37.40	-0.9
LRG	10.02	281	eP	20	39.30	-0.5
	0.6s	18.00nm				5.7mb X
LPG	10.03	293	eP	20	40.60	0.3
	0.7s	29.10nm				5.9mb X
EMS	10.07	297	eP	20	40.80	0.1
MOX	10.14	329	e(P)	20	45.00	3.6X
			ePg	21	19.00	
			eSg	21	28.00	
CLL	10.20	335	e(P)	20	48.00	5.8X
			e	21	19.00	
MOF	10.62	306	eP	20	48.00	-0.1
CDF	10.80	309	eP	20	48.90	-1.7
	0.7s	7.40nm				5.2mb X
BSF	10.81	305	eP	20	49.40	-1.4
	0.8s	18.80nm				5.5mb X
HAU	11.16	306	eP	20	55.40	0.0
SMF	12.28	296	eP	21	02.40	-8.2X
	0.8s	21.40nm				5.5mb X
LBF	12.29	298	eP	21	08.60	-2.1
	0.7s	16.90nm				5.4mb X
LOR	12.45	299	eP	21	11.10	-1.8
	0.7s	16.50nm				5.4mb X
SSF	12.62	298	eP	21	13.90	-1.2
AVF	12.65	297	eP	21	03.80	-11.7X
BGF	12.93	295	eP	21	17.00	-2.2
	0.7s	16.90nm				5.4mb X
GRC	12.97	299	iPd	21	19.00	-0.7
LDF	15.40	301	eP	21	56.90	5.3X
FLN	15.68	301	eP	21	59.60	4.4X
GRR	15.81	300	eP	22	02.40	5.4X
LPF	15.84	298	eP	22	02.60	5.2X
N82	19.52	347	P	22	42.60	-0.5
	0.8s	5.40nm				3.9mb
EKA	19.92	319	P	22	48.00	0.6
	0.9s	17.10nm				4.4mb
BNG	37.69	182	ePc	25	30.10	-0.2
	1.0s	10.00nm				4.5mb
YKA	69.39	339	eP	29	24.60	2.1
RLO	81.92	312	eP	30	34.00	0.0
TUL	82.53	312	eP	30	37.80	0.6
	0.8s	12.50nm				5.1mb X
BHO	83.14	311	eP	30	41.40	1.0
BDW	83.91	325	eP	30	44.80	0.3
	1.0s	2.20nm				4.3mb

S.D. = 1.1 on 79 of 94 obs.

? DEC 21, 1985 11h 33m 25.92± 7.07s
42.064 N ±25.2km 20.191 E ±54.1km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)

SKO	0.93	95	iPn	33	43.00	-0.8
OHR	1.06	154	ePn	33	45.30	-0.6
VAY	1.93	112	iPn	34	01.00	1.9
VTS	2.29	75	eP	34	04.00	-0.4
			iSg	34	41.00	
PLD	3.36	88	eP	34	32.00	12.5X
PVL	3.83	72	eP	34	33.00	6.8X
KDZ	3.88	95	iP	34	26.00	-0.9
			Sg	35	30.00	
DIM	4.02	88	eP	34	20.00	-8.8X
JMB	4.76	83	eP	34	40.00	0.6

S.D. = 1.4 on 6 of 9 obs.

DEC 21, 1985 11h 40m 19.21± 0.53s
50.215 N ± 5.1km 12.431 E ± 4.7km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

HOF	0.37	286	iPgd	40	26.50	-0.3
MOX	0.68	310	iPg	40	32.30	-0.3
			iSg	40	42.00	
GRF	0.94	237	ePg	40	37.70	0.5
			eSg	40	50.10	
			eLg	40	53.20	
WET	1.11	165	iPgd	40	40.40	0.3
CLL	1.15	18	iPg	40	41.10	0.3
			iSg	40	56.10	
BRG	1.17	55	ePg	40	41.30	0.2
			eSg	40	56.20	
KHC	1.32	145	Pg	40	43.00	-0.6
			Sg	41	01.40	
PRU	1.38	99	Pg	40	44.20	-0.2
			Sg	41	02.50	

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

DEC 21, 1985 11h 56m 38.34± 0.59s
50.226 N ± 5.3km 12.448 E ± 5.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.2 (FUR), 3.0 (GRF).

HOF	0.38	284	iPgd	56	45.90	-0.2
MOX	0.68	309	iPg	56	51.50	-0.3
			iSg	57	00.00	
GRF	0.96	236	iPgc	56	57.00	0.5
			eSg	57	09.60	
			eLg	57	11.70	
WET	1.12	165	iPgd	56	59.70	0.4
CLL	1.14	18	iPg	56	59.80	0.1
			iSg	57	15.00	
			iSg	58	04.50	
BRG	1.16	55	iPgc	57	00.20	0.3
			eSg	57	14.90	
KHC	1.32	146	iPg	57	02.00	-0.7
			iSg	57	20.10	
FUR	2.20	201	iPgc	57	22.40	6.9X
CDF	3.84	244	Pg	57	52.30	13.5X
	0.6s	18.00nm				
			Sg	58	40.60	

S.D. = 0.5 on 7 of 9 obs.

DEC 21, 1985 12h 22m 49.76± 0.50s
50.212 N ± 4.9km 12.445 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.8 (FUR), 2.8 (GRF).

HOF	0.38	286	iPgd	22	57.40	-0.1
MOX	0.69	310	iPg	23	03.20	-0.2
			iSg	23	12.20	
GRF	0.95	237	iPgc	23	08.10	0.3
			eSg	23	20.50	
			eLg	23	22.80	
WET	1.10	165	iPgc	23	10.70	0.2
CLL	1.16	18	iPg	23	11.40	0.1
			iSg	23	27.00	
BRG	1.16	55	iPgc	23	11.60	0.1
			iSg	23	26.20	
KHC	1.31	145	iPg	23	13.50	-0.5
			iSg	23	31.00	
PRU	1.37	99	iPgc	23	15.00	0.2
			Sg	23	33.50	
FUR	2.19	201	iPgc	23	33.30	6.6X
KBA	3.19	169	iP	24	26.60	45.5X
	0.6s	7.70nm				
			i(Sg)	24	32.00	
			i	24	36.80	

S.D. = 0.3 on 8 of 10 obs.

? DEC 21, 1985 12h 24m 33.79± 6.04s
38.643 N ± 8.8km 142.509 E ±63.1km
DEPTH = 33.0km (normal)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (II JMA) at Ofunato.

OFU	0.75	304	iPc	24 48.30	0.5
			iS	24 56.00	
MRK	1.48	316	eP	24 58.00	-0.4
			S	25 12.80	
TSK	3.09	219	eP	25 21.10	-0.3
DDR	3.74	226	eP	25 30.40	-0.2
MAT	4.01	240	iPd	25 34.20	-0.2
OYM	4.14	220	eP	25 37.00	0.6

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

DEC 21, 1985 12h 29m 15.30± 0.54s
50.221 N ± 5.3km 12.403 E ± 5.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.5 (FUR), 3.1 (GRF), 3.4 (KBA), 3.6 (VKA).

HOF	0.35	286	iPgd	29 22.40	-0.1
MOX	0.66	311	iPg	29 28.50	0.1
			iSg	29 37.50	
GRF	0.93	236	iPgc	29 33.40	0.4
			eSg	29 46.20	
			eLg	29 48.20	
WET	1.12	164	iPgd	29 36.10	-0.2
CLL	1.16	19	iPg	29 36.20	-0.7
			iSg	29 51.40	
BRG	1.18	56	iPgc	29 36.80	-0.5
			iSg	29 51.60	
KHC	1.33	145	iPg	29 39.00	-0.9
			iSg	29 56.50	
PRU	1.40	99	Pg	29 40.50	-0.3
			Sg	29 57.70	
FUR	2.19	200	iPgc	29 58.70	6.5X
TNS	2.54	272	ePb	30 03.90	6.6X
			eSg	30 35.10	
KSP	2.56	74	ePn	29 59.50	2.0
			iS	30 34.50	
KBA	3.21	168	iPnd	30 07.20	0.3
			iSg	30 58.20	
VKA	3.23	126	i(Pg)	30 14.60	7 6X
			iSg	30 57.40	
GWF	3.35	250	eP	30 19.50	10.7X
			eS	31 02.40	
CDF	3.81	244	Pg	30 29.20	13.8X
	0.7s		57.00nm		
			Sg	31 17.60	
MEM	4.11	278	Pn	30 22.80	3.4X
ENN	4.17	280	e(Pg)	30 28.50	8.1X
BSF	4.40	239	Pg	30 38.00	14.3X
	0.8s		59.00nm		
			Sg	31 34.00	
HAU	4.55	243	Pg	30 41.70	15.9X
	0.5s		26.00nm		
			Sg	31 41.20	
DOU	5.02	272	Pn	30 42.70	10.3X
SMF	6.73	241	Pg	31 21.00	24.5X
			Sg	32 48.40	

S.D. = 0.9 on 10 of 21 obs.

• DEC 21, 1985 12h 44m 48.90± 0.79s
50.209 N ± 8.6km 12.444 E ± 6.6km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.69	310	ePg	45 02.00	-0.5
			iSg	45 11.00	
GRF	0.94	237	ePgc	45 07.50	0.6
			eSg	45 19.90	
			eLg	45 22.20	
BRG	1.17	55	ePg	45 11.00	0.3
			iSg	45 26.00	
KHC	1.31	145	Pg	45 12.50	-0.6
			Sg	45 30.00	
PRU	1.37	98	ePg	45 14.20	0.2
			eSg	45 32.70	

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

DEC 21, 1985 13h 02m 18.50± 0.78s
50.193 N ± 7.5km 12.431 E ± 7.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.69	311	ePg	02 31.50	-0.7
			iSg	02 40.50	
GRF	0.93	238	ePg	02 36.40	0.2
			eSg	02 50.00	
CLL	1.18	18	iPg	02 41.80	1.4
			iSg	02 56.00	
BRG	1.18	54	ePg	02 39.90	-0.7
			eSg	02 54.70	
KHC	1.30	145	Pg	02 43.10	0.5
			Sg	03 00.90	
PRU	1.37	98	ePg	02 43.00	-0.7
			Sg	03 01.50	

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

• DEC 21, 1985 13h 04m 25.16± 0.81s
50.259 N ± 8.8km 12.410 E ± 6.6km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.64	308	ePg	04 38.00	0.0
			iSg	04 47.50	
GRF	0.95	234	ePg	04 43.30	0.0
			eLg	04 57.90	
CLL	1.12	19	iPg	04 46.20	0.1
			iSg	05 01.50	
BRG	1.16	57	iPg	04 46.60	-0.2
			iSg	05 02.00	
PRU	1.40	100	ePg	04 50.80	0.1
			Sg	05 08.20	

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

DEC 21, 1985 13h 11m 29.32± 0.37s
14.069 S ± 6.6km 166.779 E ± 8.9km
DEPTH = 33.0km (normal)
4.6mb (2 obs.)
VANUATU ISLANDS (186)

DZM	7.97	182	iPc	13 24.50	-1.3
			iS	15 00.50	
HNR	8.12	304	eP	13 27.00	-0.9
NOU	8.20	182	iPc	13 28.50	-0.5
			iS	15 06.50	
SVO	8.39	305	eP	13 33.00	1.3
VSG	8.41	304	eP	13 31.00	-1.0
BRS	18.61	222	eP	15 47.00	0.7
CTA	20.50	250	iPd	16 07.30	-0.1
	1.1s		27.22nm	4.5mb	
RMQ	20.91	231	iPc	16 12.90	1.4
COO	21.40	217	eP	16 17.00	0.5
KRP	25.00	163	P	16 52.00	0.4
			e	17 40.00	
STK	29.07	228	iPd	17 29.40	0.4
WRA	31.53	255	eP	17 49.20	-1.7
MAT	57.10	333	eP	21 15.00	0.0
PSI	69.26	278	eP	22 43.00	7.3X
			e	24 36.00	
BSI	73.51	280	eP	22 43.00	-18.2X
KMI	73.56	302	eP	23 01.50	-0.1
SPA	76.02	180	ePc	23 14.40	-0.6
	0.5s		4.63nm	4.7mb	
INK	92.42	19	eP	24 38.00	0.5
KJF	122.55	340	ePKP	30 28.00	5.5X
SUF	124.06	339	iPKP	30 25.30	-0.2
	0.4s		1.50nm		
NUR	126.08	338	iPKP	30 29.90	0.4
FLN	143.84	346	ePKP	31 01.10	-1.8
SOB1	144.10	129	ePKP	31 02.00	-2.4X
LBF	144.17	340	ePKP	31 01.70	-1.8
GRC	144.19	341	iPKPc	31 06.80	3.3X
SSF	144.26	340	ePKP	31 02.00	-1.6
GRR	144.28	346	ePKP	31 02.50	-1.1
LPG	144.41	336	ePKP	31 03.30	-1.0
SMF	144.51	340	ePKP	31 02.60	-1.5
AVF	144.54	340	ePKP	31 02.60	-1.5
LPF	144.66	346	ePKP	31 03.80	-0.4
BGF	144.91	341	ePKP	31 04.20	-0.6
MZF	145.30	341	ePKP	31 05.80	0.3
TCF	145.36	341	ePKP	31 05.60	0.0
LSF	145.60	342	ePKP	31 05.80	-0.2
MFF	145.76	344	ePKP	31 06.60	0.4
CVF	145.80	330	ePKP	31 06.90	0.5
FRF	146.03	334	ePKP	31 07.80	1.0
LRG	146.24	334	ePKP	31 08.60	1.5
ITR	146.24	131	ePKP	31 08.50	0.5
LMR	146.27	334	ePKP	31 08.40	1.3
CAF	146.61	340	ePKP	31 09.70	2.0
LFF	147.03	342	ePKP	31 10.70	2.4
LPO	147.11	341	ePKP	31 11.40	2.9X
BNG	147.26	256	iPKPc	31 11.70	2.1
	0.7s		15.00nm		
			ic	31 29.70	

S.D. = 1.2 on 39 of 45 obs.

DEC 21, 1985 13h 14m 22.20± 0.67s
50.204 N ± 6.4km 12.444 E ± 6.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.1 (GRF).

MOX	0.69	310	ePg	14 35.50	-0.4
			iSg	14 45.00	
GRF	0.94	237	ePg	14 40.50	0.3
			eSg	14 53.00	
			eLg	14 55.40	
CLL	1.16	18	iPg	14 44.10	0.2
			eSg	14 59.00	
BRG	1.17	54	ePg	14 44.00	0.0
			iSg	14 59.30	
KHC	1.30	145	iPg	14 46.00	-0.3
			Sg	15 03.50	
PRU	1.37	98	ePg	14 47.50	0.2
			Sg	15 05.20	

S.D. = 0.4 on 6 of 6 obs.

DEC 21, 1985 13h 32m 12.37± 0.52s
12.501 N ± 8.4km 142.904 E ± 8.0km
DEPTH = 33.0km (normal)
4.8mb (1 obs.)
SOUTH OF MARIANA ISLANDS (210)

GUMO	2.20	60	e(P)	32 48.00	0.7
PJG	2.20	60	e(P)	32 47.00	-0.3
			(TT)	34 54.00	
GUA	2.21	62	e(P)	32 46.80	-0.7
	0.6s		416.00nm		
			e(S)	33 14.50	
MAT	24.31	351	(P)	37 26.00	-2.1
CTA	32.55	174	iPc	38 44.30	1.5
	0.9s		11.34nm	4.8mb	
WB2	33.32	195	eP	38 48.30	-1.2
			i	38 50.40	
WRA	33.32	195	eP	38 48.30	-1.2
TIY	37.01	318	P	39 21.60	0.7
XAN	37.60	310	eP	39 32.60	6.7X
CD2	40.46	303	eP	39 49.20	-0.5
DZM	41.40	146	iPc	39 57.90	0.4
LZH	42.24	311	eP	40 05.50	1.1
GTA	46.49	313	P	40 38.70	0.2
WMO	56.51	315	P	41 54.50	0.5
INK	76.10	22	eP	43 59.00	0.8
ZOBO	149.73	101	PKPc	52 02.80	5.6X
	1.0s		7.50nm		
LPB	149.74	101	PKPc	52 03.00	6.0X
CNCB	149.83	102	iPKP	52 03.30	6.0X

S.D. = 1.1 on 14 of 18 obs.

? DEC 21, 1985 13h 59m 23.87± 2.17s
20.873 S ±29.5km 172.539 W ±26.8km
DEPTH = 33.0km (normal)
4.9mb (2 obs.)
TONGA ISLANDS REGION (174)

VUN	8.95	287	eP	01 34.20	0.2
DZM	19.60	263	iPc	03 52.20	-0.3
CTA	38.54	264	iPc	06 44.80	-0.5
	0.8s		14.18nm	4.8mb	
ASPA	49.41	256	eP	08 14.00	1.2
WRA	49.60	261	eP	08 13.80	-0.5
MAT	73.64	321	eP	10 56.00	0.0
	0.8s		11.19nm	4.9mb	

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

? DEC 21, 1985 14h 31m 40.08± 4.21s
39.143 N ±32.7km 21.890 E ±16.5km
DEPTH = 10.0km (geophysicist)
GREECE (364)

LIT	1.06	26	ePc	32 01.10	1.0
PAIG	1.59	60	eP	32 08.60	0.3
THE	1.70	29	eP	32 08.10	-1.8
GRG	1.85	12	eP	32 12.30	0.1
			eS	32 44.10	
OUR	2.00	53	eP	32 14.60	0.3
			eS	32 45.10	

21d 14h

OHR	2.14	337	ePn	32	16.70	0.4			e	52	48.50		LJU	140.32	329	e(PKP)	00	00.80	3.6X
KNT	2.16	21	eP	32	17.30	0.7	PPR	52.88	294	ePd	49	59.20	14.2X			e	00	09.60	
VAY	2.24	13	ePn	32	16.80	-0.9	TRT	53.05	271	iPd	49	46.80	0.4	VOY	140.64	329	ePKP	59	58.80	0.9
SRS	2.36	33	eP	32	19.50	0.0	KKM	53.64	289	ePc	49	50.00	-0.7				e	00	15.80	
			eS	32	56.90		BAG	54.46	302	eP	50	02.60	5.8X	CDF	141.68	337	ePKP	59	57.60	-2.1
SKO	2.85	353	ePn	32	33.00	6.6X	MAT	56.96	333	eP	50	13.00	-1.4	FIR	143.57	329	ePKP	00	11.00	8.1X
S.D. = 1.0 on 9 of 10 obs.								1.0s		24.00nm			5.2mb	LOR	143.86	340	iPKPc	00	01.80	-1.6
							SSE	62.47	317	eP	50	55.00	2.7X	GRC	144.10	341	iPKPd	00	03.00	-0.7
DEC 21, 1985 14h 40m 29.72± 0.24s							E	16s		0.90um							i	00	15.50	
14.114 S ± 4.9km 166.365 E ± 5.2km										eS	59	20.00		SSF	144.16	340	iPKPc	00	02.60	-1.3
DEPTH = 33.0km (normal)							KGM	64.47	279	eP	51	08.50	2.7X	GRR	144.23	345	ePKP	00	02.30	-1.6
5.4mb (14 obs.) 5.3Msz (2 obs.)							NJ2	64.63	316	eP	51	06.80	0.3	LPG	144.28	335	ePKP	00	03.50	-1.0
VANUATU ISLANDS (186)										i	52	15.80		SOB1	144.39	129	ePKP	00	03.50	-1.7
CENTROID, MOMENT TENSOR (HRV)							PPI	66.61	276	eP	51	21.50	1.9				e	00	07.40	
Data Used: GDSN							WHN	66.88	312	eP	51	24.00	3.0X				e	00	20.00	
L.P.B.: 13S, 24C										i	51	31.00		SMF	144.41	339	ePKP	00	03.00	-1.3
Centroid Location:							MDJ	67.33	332	eP	51	21.40	-2.1	AVF	144.45	340	iPKPc	00	03.40	-0.9
Origin Time 14:40:32.6 0.7										S	00	21.50		MZF	145.21	340	iPKPc	00	06.60	0.9
Lat 13.98S 0.09 Lon 166.10E 0.08							IPM	67.40	281	ePd	51	27.30	2.7X	TCF	145.27	341	iPKPc	00	06.20	0.4
Dep 33.1 6.0 Half-duration 1.7							SNY	68.21	327	eP	51	31.60	2.5	LSF	145.52	341	iPKPc	00	06.80	0.6
Moment Tensor; Scale 10**24 D-CM							TIA	68.30	319	eP	51	28.40	-1.4	CVF	145.64	330	iPKPc	00	07.20	0.6
Mrr= 1.14 0.07 Mtt= 0.06 0.14							CN2	68.67	329	Pc	51	31.60	-0.3	MFF	145.69	343	ePKP	00	06.60	0.1
Mff=-1.20 0.12 Mrt= 0.71 0.19							PSI	68.87	279	eP	51	34.80	1.1	FRF	145.89	333	iPKPc	00	08.10	1.2
Mrf=-0.11 0.22 Mtf= 0.30 0.08										e	57	40.50		LRG	146.10	333	iPKPc	00	08.90	1.7
Principal Axes:							GYA	70.65	305	P	51	54.00	9.4X	LMR	146.13	333	iPKPc	00	08.00	0.7
T Val= 1.49 Plg=64 Azm=359							NST	71.84	292	eP	51	55.50	3.8X	CDR	146.17	334	ePKPd	00	07.70	0.3
N -0.19 25 161							TIY	72.22	318	eP	51	54.20	0.5				i	00	09.50	
P -1.30 7 254							XAN	72.63	313	eP	51	56.20	0.0				e	00	23.10	
Best Double Couple:Mo=1.4*10**24							KMI	73.24	302	Pd+	52	02.50	2.4	RJF	146.36	341	ePKP	00	08.10	0.4
NP1:Strike= 10 Dip=44 Slip= 128							CHG	74.03	295	eP	52	07.00	2.5	ITR	146.51	131	ePKP	00	07.80	-1.0
NP2: 143 57 60							HHC	74.55	320	eP	52	08.00	0.7				i	00	11.80	
							CD2	74.94	308	eP	52	10.40	0.7				i	00	18.30	
PVC	4.06	153	iPc	41	36.50	5.4X	LZH	77.26	313	P	52	24.30	1.5				e	00	26.40	
			iS	42	27.50		GTA	81.61	314	Pc	52	47.00	0.9	CAF	146.52	340	ePKP	00	09.00	1.1
HNR	7.82	306	eP	42	23.00	-1.1				i	53	06.00		BNG	146.86	256	iPKPc	00	12.00	2.6X
DZM	7.91	179	iPc	42	23.90	-1.6				S	03	00.00			1.0s		215.00nm			
SVO	8.09	307	eP	42	28.00	0.1	SHL	82.50	299	eP	52	52.20	1.1				id	00	21.80	
VSG	8.11	306	eP	42	27.00	-1.2	PMR	83.22	20	eP	52	53.60	-0.2				ic	00	36.20	
NOU	8.15	179	iPc	42	28.00	-0.7	IMA	85.29	15	eP	53	04.80	0.5	LFF	146.94	341	iPKPc	00	11.40	2.9X
			iS	44	11.50		JAS1	85.80	49	P	53	07.50	0.2	LPO	147.02	340	ePKP	00	11.70	3.0X
NDF	11.26	110	eP	43	16.00	4.5X	COL	86.04	18	eP	53	07.00	-0.9	MLS	148.59	339	ePKP	00	14.70	3.4X
VUN	12.26	110	eP	43	27.00	2.1	FBA	86.04	18	eP	53	06.20	-1.7	LGR	150.16	343	ePKP	00	23.00	9.3X
ALOA	16.08	282	eP	44	18.00	3.0X		0.8s		6.80nm			4.9mb				iPKKP	00	40.00	
RAB	17.12	304	eP	44	28.00	-0.2	MWC	86.30	54	eP	53	08.00	-2.1	TOL	152.99	344	ePKP	00	25.00	7.1X
BRS	18.31	222	P	44	44.30	1.4	ISA	86.46	52	eP	53	22.00	11.3X				ePKKP	00	43.00	
			i	45	42.00		BAR	86.88	55	eP	53	24.00	11.2X	TAF	157.03	336	ePKP	00	28.00	4.4X
			iS	48	20.00		PLM	86.95	55	eP	53	14.00	0.7				i	00	37.00	
CTA	20.11	250	iPd-	45	03.10	-0.6	GSC	87.63	53	eP	53	27.00	10.7X	IFR	159.19	340	ePKP	00	25.00	-1.3
	1.0s		66.00nm			4.9mb	TPC	87.83	54	eP	53	03.00	-14.3X	S.D. = 1.2 on 91 of 134 obs.						
			iS	48	47.00		YMT3	88.41	52	eP	53	18.00	-2.1							
RMQ	20.57	231	iPd	45	09.30	0.9	GLA	88.48	56	eP	53	23.00	2.6X	DEC 21, 1985 15h 30m 55.45± 0.50s						
	1.2s		750.00nm			5.9mb	PKI	88.63	299	eP	53	22.30	0.6	50.236 N ± 4.8km 12.431 E ± 4.4km						
CRZ	21.02	165	eP	45	15.00	2.0		0.8s		12.00nm			5.3mb	DEPTH = 10.0km (geophysicist)						
COO	21.12	217	eP	45	14.00	-0.1	KKN	88.81	299	eP	53	23.60	1.3	GERMANY (543)						
MDG	22.10	291	ePg	45	25.00	1.0		0.9s		18.00nm			5.4mb	ML 2.6 (FUR), 2.4 (GRF).						
RIV	23.99	212	eP	45	43.00	0.7	DMN	88.90	299	eP	53	23.90	1.0							
KRP	25.08	163	eP	45	54.00	1.3		0.9s		40.00nm			5.7mb	HOF	0.36	283	iPgd	31	02.80	-0.1
CMS	25.56	224	eP	45	57.00	-0.4	BMN	89.00	48	e(P)	53	24.00	1.1	MOX	0.66	309	iPg	31	08.50	-0.2
CAN	26.27	213	eP	46	07.40	3.4X	EUR	89.60	49	iP	53	26.20	0.3				iSg	31	17.20	
GNZ	26.52	159	P	46	14.50	8.4X		0.2s		7.82nm			5.7mb	GRF	0.95	236	iPgc	31	13.90	0.3
WAM	27.00	212	eP	46	15.40	4.9X	PRN	89.64	51	eP	53	26.50	0.5				eSg	31	26.40	
MNG	27.58	165	P	46	16.30	0.4	NEW	91.67	41	P	53	30.50	-4.4X				eLg	31	28.70	
STK	28.74	228	iPd	46	26.70	0.3	WMO	91.67	315	eP	53	36.00	0.9	WET	1.13	165	iPgd	31	16.50	-0.1
WRA	31.13	255	eP	46	45.70	-2.1				i	57	13.80		CLL	1.14	18	iPg	31	16.90	0.2
ASPA	32.08	248	eP	46	53.00	-3.2X	INK	92.59	19	eP	53	40.00	1.3				iSg	31	31.70	
ADE	32.43	225	iPd	47	01.90	2.8X	ALQ	95.68	56	P	53	53.00	-0.9	BRG	1.16	56	iPgc	31	17.00	-0.1
TAU	33.05	206	eP	47	02.00	-2.3	Z	18s		1.12um			5.4Msz				iSg	31	31.90	
			eS	52	28.00		LTX	96.76	62	e(P)	53	58.00	-0.8	KHC	1.33	146	iPg	31	20.00	-0.1
WBN	39.07	243	eP	47	55.00	-0.7		1.9s		25.45nm			5.4mb				iSg	31	31.80	
PMO	44.22	97	iP	48	43.80	5.9X	Z	20s		0.92um			5.3Msz	PRU	1.38	100	Pg	31	20.80	0.1
	1.4s		175.00nm			5.7mb	YKA	97.41	27	eP	54	00.30	-0.5				Sg	31	38.00	
VAH	44.45	97	iP	48	45.50	5.7X	NB2	129.80	345	PKP	59	35.90	-1.2	FUR	2.21	201	iPgc	31	39.20	6.5X
	1.4s		95.00nm			5.4mb		1.2s		11.30nm				S.D. = 0.2 on 8 of 9 obs.						
TPT	44.49	97	iP	48	46.00	5.9X	VAO	130.75	138	e(PKP)	59	43.00	2.9X							
	1.4s		125.00nm			5.6mb				e	59	49.20		• DEC 21, 1985 15h 34m 57.81± 0.95s						
RUV	44.70	97	iP	48	47.40	5.7X	BDF	135.02	130	ePKPd	59	46.20	-2.2X	50.240 N ± 8.0km 12.434 E ± 8.5km						
	1.4s		110.00nm			5.5mb	KSP	136.09	333	ePKP	59	54.00	4.7X	DEPTH = 10.0km (geophysicist)						
MBL	44.77	254	iPc	48	42.20	-0.1				e	03	25.50		GERMANY (543)						
	0.9s		27.00nm			5.1mb	BRG	137.08	334	ePKP	59	56.40	5.3X							
MKS	46.99	276	eP	49	01.20	1.3		1.2s		14.00nm				MOX	0.66	308	ePg	35	11.00	0.0
KLB	47.64	240	iPc	49	03.00	-1.0				e	00	50.00					eSg	35	20.00	
NWAO	48.32	238	eP	49	09.00	-1.1	PRU	137.49	333	ePKP	00	00.80	8.1X	CLL	1.13	18	ePg	35	19.00	0.0
			eS	56	08.00		ZST	137.56	330	ePKP	59	58.10	6.0X				eSg	35	35.00	
MRWA	48.60	243	eP	49	13.00	-0.9				e	00	04.00		BRG	1.15	56	iPg	35	19.40	0.0
NAU	48.82	252	iPc	49	14.50	0.4				e	03	27.90					iSg	35	34.40	
MUN	49.01	240	eP	49	15.00	-0.5	AT8	138.01	111	e(PKP)	59	34.00	-20.0X	KHC	1.34	146	ePg	35	22.50	0.0
KHKI	50.03	271	ePd	49	22.70	-0.9	KHC	138.54	333	ePKP	00	02.70	8.7X				Sg	35	40.00	

PRU	1.38	100	ePg	35 23.00	-0.1
			Sg	35 42.00	
S.D. = 0.1			on	5 of 5 obs.	

DEC 21, 1985 15h 37m 55.77± 0.67s
50.219 N ± 6.4km 12.438 E ± 6.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.3 (GRF).

MOX	0.68	309	ePg	38 08.80	-0.4
			iSg	38 17.50	
GRF	0.95	237	iPgc	38 14.20	0.4
			eSg	38 26.70	
			eLg	39 20.30	
CLL	1.15	18	iPg	38 17.50	0.2
			iSg	38 32.40	
			eSg	39 11.00	
BRG	1.16	55	iPgc	38 17.50	0.0
			iSg	38 32.20	
KHC	1.32	145	iPg	38 19.80	-0.3
			Sg	38 37.50	
PRU	1.37	99	Pg	38 21.10	0.2
			Sg	38 39.00	
S.D. = 0.4			on	6 of 6 obs.	

DEC 21, 1985 16h 02m 49.08± 0.47s
50.241 N ± 4.4km 12.444 E ± 4.3km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.3 (VKA), 3.2 (FUR), 3.2 (KBA), 3.2 (GRF).

HOF	0.37	282	iPgd	02 56.60	-0.1
MOX	0.67	308	iPg	03 02.00	-0.4
			iSg	03 11.00	
GRF	0.96	236	iPgc	03 07.70	0.3
			eSg	03 20.30	
			eLg	03 22.60	
CLL	1.13	18	iPg	03 10.50	0.3
			iSg	03 25.30	
WET	1.13	165	iPgd	03 10.40	0.1
BRG	1.15	56	iPgc	03 10.80	0.2
			iSg	03 25.70	
KHC	1.33	146	iPg	03 13.50	-0.2
			iSg	03 31.00	
PRU	1.37	100	Pn	03 13.80	-0.4
			Pg	03 14.50	
			Sg	03 32.10	
FUR	2.21	201	iPgc	03 32.90	6.5X
VKA	3.22	126	i(Pg)	03 49.90	9.3X
			iSg	04 33.00	
KBA	3.22	169	iPn	03 41.00	0.1
			i	04 31.80	
			iSg	04 33.10	
ZST	3.68	122	iP	04 41.90	54.8X
CDF	3.84	244	Pg	04 02.40	12.8X
0.6s		25.00nm			
			Sg	04 51.30	
BSF	4.43	239	Pg	04 12.80	14.9X
0.8s		32.00nm			
			Sg	05 09.40	
SRO	4.56	120	e(P)	04 41.10	41.4X
HAU	4.59	243	Pg	04 16.00	15.9X
0.4s		15.00nm			
			Sg	05 14.50	
LOR	6.41	246	Pg	04 50.00	24.2X
			Sg	06 11.40	
LBF	6.49	243	Pg	04 51.80	24.8X
0.6s		9.00nm			
			Sg	06 14.60	
S.D. = 0.3			on	9 of 18 obs.	

* DEC 21, 1985 16h 03m 12.58± 0.62s
14.350 S ± 8.0km 166.495 E ±12.2km
DEPTH = 33.0km (normal)
3.9mb (1 obs.)
VANUATU ISLANDS (186)

DZM	7.68	180	iPc	05 05.20	0.1
			iS	06 33.00	
NOU	7.92	180	iPc	05 07.50	-0.8
			iS	06 40.00	
HNR	8.06	307	eP	05 10.00	-0.3
SVO	8.34	308	eP	05 15.00	0.9
VSG	8.35	307	eP	05 14.00	-0.4
KRP	24.81	163	eP	08 40.00	6.9X
WRA	31.19	255	eP	09 30.90	-0.3
MAT	57.23	333	(P)	12 59.00	-0.1
SPA	75.74	180	eP	14 58.00	1.3
1.0s		1.50nm			3.9mb
COL	86.22	18	eP	15 51.00	-0.6
SOB1	144.14	129	e(PKP)	22 48.00	0.3
ITR	146.26	131	ePKP	22 51.10	-0.2
BNG	146.92	256	iPKPd	22 55.20	2.9X
0.9s		24.00nm			
			id	23 06.20	
			id	23 26.20	
S.D. = 0.7			on	11 of 13 obs.	

? DEC 21, 1985 16h 42m 31.47± 2.73s
17.247 N ±24.9km 101.170 W ±14.0km
DEPTH = 33.0km (normal)
NEAR COAST OF GUERRERO, MEXICO (58)

PIM	1.23	327	iP	42 52.20	-0.2
			iS	43 10.00	
III	1.97	55	iP	43 02.70	-0.7
			iS	43 28.70	
OXM	2.48	34	eP	43 12.00	1.3
TPM	2.65	49	eP	43 12.00	-0.9
			iS	43 47.00	
TAC	2.85	41	eP	43 16.00	0.1
VHO	4.24	89	iP	43 36.00	0.4
S.D. = 1.0			on	6 of 6 obs.	

DEC 21, 1985 16h 47m 08.51± 0.66s
50.251 N ± 6.4km 12.433 E ± 6.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.66	307	ePg	47 21.80	0.2
			iSg	47 30.50	
GRF	0.96	235	ePg	47 26.80	0.0
			eSg	47 39.10	
			eLg	47 41.40	
CLL	1.12	19	ePg	47 29.00	-0.5
			iSg	47 45.60	
BRG	1.15	57	iPg	47 30.30	0.3
			iSg	47 45.40	
KHC	1.35	146	ePg	47 33.10	-0.2
			Sg	47 49.80	
PRU	1.38	100	ePg	47 34.00	0.2
			Sg	47 52.10	
S.D. = 0.4			on	6 of 6 obs.	

DEC 21, 1985 16h 51m 59.66± 0.66s
50.237 N ± 6.4km 12.427 E ± 6.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.66	309	ePg	52 12.50	-0.3
			iSg	52 22.00	
GRF	0.95	235	ePg	52 18.10	0.3
			eSg	52 30.40	
			eLg	52 33.00	
CLL	1.13	19	iPg	52 21.00	0.1
			lSg	52 37.20	
BRG	1.16	56	iPg	52 21.40	0.1
			iSg	52 36.90	
KHC	1.34	146	ePg	52 24.00	-0.3
			Sg	52 41.00	
PRU	1.38	100	Pg	52 25.10	0.1
			Sg	52 43.50	
S.D. = 0.3			on	6 of 6 obs.	

DEC 21, 1985 17h 11m 06.16± 0.57s
50.222 N ± 6.0km 12.434 E ± 4.7km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.6 (FUR), 2.5 (GRF).

HOF	0.37	285	iPgd	11 13.50	-0.3
MOX	0.67	309	iPg	11 19.50	-0.1
			iSg	11 28.00	
GRF	0.95	236	iPgc	11 24.50	0.3
			eSg	11 37.10	
			eLg	11 39.30	
CLL	1.15	18	iPg	11 27.90	0.3
			iSg	11 43.10	
BRG	1.16	55	iPgc	11 27.70	-0.2
			iSg	11 42.60	
KHC	1.32	145	iPg	11 30.40	-0.2
			iSg	11 48.00	
PRU	1.38	99	iPg	11 31.50	0.1
			i	11 34.20	
			Sg	11 49.00	
FUR	2.19	201	iPgc	11 49.60	6.4X
S.D. = 0.3			on	7 of 8 obs.	

DEC 21, 1985 17h 13m 18.56± 0.50s
50.210 N ± 4.6km 12.376 E ± 4.7km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.0 (FUR), 3.1 (GRF), 3.3 (KBA), 3.5 (VKA).

HOF	0.34	288	iPgd	13 25.70	0.2
MOX	0.65	312	iPg	13 31.50	-0.1
			iSg	13 40.50	
GRF	0.91	236	iPgc	13 36.70	0.7
			eSg	13 49.20	
			eLg	13 51.40	
WET	1.12	163	iPgd	13 39.30	-0.2
CLL	1.17	20	iPg	13 40.10	-0.3
			iSg	13 54.50	
BRG	1.20	56	iPgc	13 41.40	0.5
			iSg	13 55.20	
KHC	1.33	144	iPg	13 43.00	-0.2
			iSg	13 59.90	
FUR	2.17	200	iPgc	14 01.90	6.6X
TNS	2.52	272	ePb	14 08.60	8.3X
			eSg	14 38.80	
KSP	2.58	74	iPg	14 06.50	5.5X
			iS	14 36.00	
KBA	3.20	168	iPnd	14 10.20	0.2
			iSg	15 02.10	
VKA	3.23	126	i(Pg)	14 19.30	9.0X
			iSg	15 42.30	
ZST	3.70	121	eP	15 14.50	57.6X
			i	15 21.40	
CDF	3.79	244	Pn	14 17.60	-0.8
0.4s		17.00nm			
			Pg	14 31.40	
			Sg	15 17.90	
WLF	4.06	265	eP	15 22.60	60.7X
MEM	4.09	278	eP	15 28.50	66.0X
HAU	4.53	243	Pg	14 43.00	14.2X
0.4s		14.00nm			
			Sg	15 42.20	
S.D. = 0.5			on	9 of 17 obs.	

DEC 21, 1985 17h 19m 22.58± 0.28s
46.895 N ± 3.0km 8.306 E ± 2.6km
DEPTH = 9.1 ± 2.4 km
SWITZERLAND (544)
ML 3.6 (LDG), 3.1 (KDA).

LLS	0.47	93	iPc	19 31.80	-0.4
ZUL	0.59	6	iPc	19 34.30	-0.2
SAX	0.79	63	iPc	19 38.40	0.1
MMK	0.88	196	iPc	19 39.00	-0.7
SLE	0.88	8	iPc	19 39.60	0.0
TMA	0.88	153	iPd	19 39.50	-0.2
VDL	0.90	117	iPd	19 39.50	-0.5
DIX	1.02	218	iPd	19 42.00	-0.2
ROF	1.24	310	iPn	19 46.20	0.5
			eSg	20 04.80	
MOF	1.25	321	ePn	19 46.40	0.5
			eSg	20 04.00	
EMS	1.26	230	ePc	19 46.70	0.5
OSS	1.28	99	ePc	19 46.50	0.0
BSF	1.39	313	Pn	19 48.30	0.1
0.2s		88.00nm			
			Sg	20 07.00	
CDF	1.67	336	Pn	19 51.90	-0.3
0.3s		180.00nm			
			Sg	20 12.30	
HAU	1.73	311	Pn	19 53.00	0.0
0.3s		123.00nm			
			Sg	20 15.00	
LPG	1.77	218	Pn	19 55.60	1.8
0.3s		62.00nm			
OGA	1.87	90	eP	19 57.50	2.4X
GAP	1.97	72	eP	19 59.90	3.4X
VITF	2.06	311	ePg	20 04.40	6.8X
GWF	2.13	348	ePn	19 58.00	-0.9
			eSg	20 32.00	
FUR	2.38	57	eP	20 07.30	4.9X
LBF	2.97	273	Pn	20 10.60	-0.1
0.5s		171.00nm			

21d 17h

		Pg	20	18.60	
		Sg	20	55.40	
LOR	3.06	279 Pn	20	13.20	1.2
	0.4s	103.00nm			
		Pg	20	20.80	
		Sg	20	59.20	
SMF	3.08	267 Pg	20	21.20	9.0X
	0.4s	107.00nm			
		Sg	21	00.00	
WLF	3.12	333 Pnc	20	13.80	1.0
		Sg	21	03.50	
BHG	3.22	73 ePn	20	15.30	1.0
SSF	3.29	275 Pn	20	15.60	0.3
	0.4s	67.00nm			
		Pg	20	25.40	
		Sg	21	06.40	
AVF	3.46	270 Pn	20	16.80	0.0
	0.5s	48.00nm			
		Pg	20	27.50	
		Sg	21	10.40	
GRF	3.41	34 ePg	20	27.80	10.8X
		eSg	21	11.30	
KBA	3.45	85 iPnd	20	19.30	1.5
		iPg	20	27.00	
		iSg	21	03.80	
FRF	3.53	200 Pn	20	22.60	3.9X
		Sn	21	03.20	
GRC	3.60	278 iPnd	20	20.00	0.4
		iPg	20	31.90	
		iSg	21	18.00	
CDR	3.68	210 ePn	20	29.00	8.1X
		e	20	30.50	
		e	20	32.30	
		e	21	02.70	
		eSn	21	15.00	
		i	21	19.60	
LRG	3.71	202 Pn	20	24.40	3.2X
		Sn	21	07.80	
BGF	3.77	267 Pn	20	22.10	0.0
	0.3s	63.00nm			
		Pg	20	34.10	
		Sn	21	04.10	
		Sg	21	20.80	
LMR	3.78	200 Pn	20	26.60	4.3X
		Sn	21	08.00	
WET	3.81	52 iPnc	20	21.00	-1.7
VOY	3.96	101 ePn	20	25.80	1.0
		eSn	21	29.50	
MZF	4.01	262 Pn	20	24.00	-1.4
	0.6s	45.00nm			
		Pg	20	39.00	
		Sn	21	10.50	
		Sg	21	30.40	
MEM	4.02	339 Pnc	20	25.10	-0.4
DOU	4.04	324 Pn	20	26.50	0.6
		Sn	21	11.70	
TCF	4.25	264 Pn	20	28.40	-0.5
	0.5s	50.00nm			
		Pg	20	43.60	
		Sn	21	16.00	
		Sg	21	37.00	
LSF	4.72	265 Pn	20	34.40	-1.2
	0.4s	31.00nm			
		Pg	20	52.60	
		Sn	21	26.60	
		Sg	21	52.40	

S.D. = 0.8 on 33 of 43 obs.

DEC 21, 1985 17h 22m 31.22± 0.50s
50.224 N ± 4.9km 12.429 E ± 4.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.4 (FUR), 2.3 (GRF).

HOF	0.36	284 iPgd	22	38.70	0.0
MOX	0.67	309 iPg	22	44.20	-0.3
		iSg	22	53.50	
GRF	0.94	236 ePgc	22	49.60	0.4
		eSg	23	01.90	
		eLg	23	04.20	
WET	1.12	165 iPgd	22	52.10	-0.1
CLL	1.15	18 iPg	22	52.90	0.2
		iSg	23	08.50	
BRG	1.17	56 iPg	22	53.00	0.0
		iSg	23	08.00	
KHC	1.32	145 iPg	22	55.60	-0.1
		iSg	23	12.50	
PRU	1.38	99 ePg	22	56.50	0.0
		Sg	23	15.00	
FUR	2.19	201 iPgc	23	14.60	6.3X

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

DEC 21, 1985 17h 50m 15.82± 0.38s
12.506 N ± 6.2km 142.798 E ± 6.5km
DEPTH = 33.0km (normal)
4.9mb (3 obs.)
SOUTH OF MARIANA ISLANDS (210)

GUMO	2.28	62 e(P)	50	52.00	0.0
PJG	2.28	62 e(P)	50	51.70	-0.3
GUA	2.30	63 e(P)	50	51.80	-0.4
	0.5s	270.42nm			
		e(S)	51	19.10	
TZZ	17.73	185 eP	54	21.50	-0.5
MAN	21.22	278 eP	55	01.50	0.3
AAI	21.67	223 eP	55	05.00	-0.7
PMG	22.20	169 eP	55	06.00	-5.0X
MAT	24.29	351 eP	55	30.00	-1.3
	2.0s	88.24nm			5.0mb
WHN	31.83	309 eP	56	41.00	1.1
CTA	32.57	174 iPc	56	45.20	-1.2
	1.0s	19.00nm			4.9mb
		eS	02	10.00	
ISQ	33.17	186 eP	56	51.00	-0.6
WRA	33.30	195 eP	56	51.30	-1.5
CN2	34.58	338 e(P)	57	11.00	7.4X
TIY	36.93	318 eP	57	25.50	1.8
ASPA	36.99	194 eP	57	24.00	-0.2
XAN	37.52	311 eP	57	29.40	0.8
KMI	39.79	294 eP	57	49.50	1.5
CD2	40.37	303 eP	57	52.80	0.4
BRS	40.82	166 P	57	58.20	2.1
DZM	41.46	146 iPc	58	01.20	-0.3
NOU	41.65	146 iPc	58	05.00	2.1
LZH	42.15	311 P	58	16.00	8.8X
GTA	46.41	313 P	58	41.70	0.4
CAN	47.93	173 eP	58	54.80	1.7
PKI	55.51	295 eP	59	50.00	-0.7
KKN	55.64	295 eP	59	51.00	-0.5
DMN	55.78	295 eP	59	52.20	-0.4
WMQ	56.44	315 eP	59	56.50	-0.4
GBA	63.50	279 Pd	00	43.30	-2.3
	0.8s	3.40nm			4.5mb
INK	76.13	22 eP	02	01.00	-0.8

S.D. = 1.2 on 27 of 30 obs.

DEC 21, 1985 17h 59m 11.02± 0.66s
50.241 N ± 6.3km 12.433 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.66	308 iPg	59	24.00	-0.2
		iSg	59	33.00	
GRF	0.96	235 ePg	59	29.30	0.1
		eSg	59	41.70	
		eLg	59	44.00	
CLL	1.13	18 iPg	59	32.50	0.3
		iSg	59	47.50	
BRG	1.15	56 ePg	59	32.50	-0.1
		eSg	59	47.60	
KHC	1.34	146 iPg	59	35.90	0.2
		Sg	59	53.60	
PRU	1.38	100 ePg	59	36.00	-0.3
		Sg	59	54.30	

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

DEC 21, 1985 18h 46m 54.17± 0.60s
50.218 N ± 5.8km 12.436 E ± 5.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.9 (FUR), 2.9 (GRF), 2.9 (KBA).

HOF	0.37	285 iPgd	47	01.90	0.1
MOX	0.68	310 iPg	47	07.00	-0.6
		iSg	47	16.50	
GRF	0.95	237 iPgc	47	12.60	0.4
		eSg	47	25.00	
		eLg	47	27.20	
WET	1.11	165 iPgd	47	15.20	0.1
CLL	1.15	18 iPg	47	16.00	0.3
		iSg	47	31.10	
KHC	1.32	145 iPg	47	18.00	-0.5
		iSg	47	34.90	
PRU	1.38	99 iPg	47	19.50	0.1
		Sg	47	37.00	
FUR	2.19	201 iPgc	47	37.70	6.5X
KBA	3.20	169 i(Pg)	47	54.70	9.1X
		iSg	48	36.50	
PSZ	5.41	112 ePg	48	03.10	-13.9X

S.D. = 0.5 on 7 of 10 obs.

DEC 21, 1985 18h 49m 25.01± 0.45s
50.219 N ± 4.6km 12.459 E ± 4.1km
DEPTH = 7.8 ± 4.4 km
GERMANY (543)
ML 3.4 (FUR), 3.3 (GRF), 3.4 (KBA), 3.4 (VKA).

HOF	0.39	284 iPgd	49	32.90	0.1
MOX	0.69	309 iPg	49	37.80	-1.0
		iSg	49	47.00	
GRF	0.96	237 iPgc	49	43.60	0.1
		eSg	49	55.90	
		eLg	49	58.20	
WET	1.11	166 iPgd	49	46.00	0.0
CLL	1.15	17 iPg	49	46.70	0.1
		iSg	50	02.00	
BRG	1.15	55 iPgc	49	46.90	0.1
		iSg	50	02.20	
KHC	1.31	146 iPg	49	49.10	-0.4
		iSg	50	06.70	
PRU	1.36	99 iPgd	49	50.50	0.3
		Sg	50	07.50	
FUR	2.20	201 iPgc	50	08.90	6.5X
TNS	2.58	272 ePb	50	15.10	7.3X
		eSg	50	44.30	
GAP	2.90	199 ePg	50	20.60	8.3X
VKA	3.20	126 ePn	50	16.50	0.0
		iPg	50	24.90	
		iSg	51	07.70	
KBA	3.20	169 iPnc	50	16.50	-0.2
		iSg	51	07.50	
SLE	3.58	228 eP	50	31.60	9.5X
SAX	3.62	216 eP	50	35.00	12.3X
CDF	3.84	244 Pg	50	36.10	10.3X
	0.6s	54.00nm			
		Sg	51	27.80	
OSS	3.86	204 eP	50	39.90	13.8X
LLS	4.07	216 eP	50	42.50	13.5X
WLF	4.11	265 Pn	50	31.20	1.8X
MEM	4.15	278 Pn	50	30.80	0.9
VDL	4.23	209 eP	50	47.80	16.4X
BSF	4.43	240 Pg	50	48.40	14.3X
	0.6s	54.00nm			
		Sg	51	43.50	
HAU	4.58	243 Pg	50	50.80	14.6X
	0.4s	26.00nm			
		Sg	51	53.00	
TMA	4.76	212 eP	50	55.50	16.5X
DOU	5.06	272 Pn	50	46.40	3.5X

S.D. = 0.6 on 11 of 25 obs.

DEC 21, 1985 18h 54m 57.25± 3.01s
30.686 N ±26.3km 132.111 E ±12.7km
DEPTH = 54.8 ± 18.2 km
4.4mb (4 obs.)
SOUTHEAST OF SHIKOKU, JAPAN (237)

MYZ	1.36	335 Pc	55	20.60	0.4
		iS	55	36.80	
KAG	1.60	304 Pc	55	23.50	-0.1
SHK	3.86	7 iPd	55	55.00	-0.6
MAT	7.74	39 eP	56	50.00	0.1
TIY	17.71	299 eP	59	02.40	0.9
HHC	19.47	307 eP	59	23.20	0.7
XAN	19.86	286 Pc	59	24.80	-1.8
GYA	22.72	266 P	59	56.00	0.4
CD2	24.33	278 eP	00	10.80	-0.3
GTA	27.72	297 P	00	41.20	-1.3
PKI	40.69	278 eP	02	35.20	0.7
KKN	40.74	278 eP	02	35.00	0.3
	0.4s	3.00nm			4.4mb
SUF	70.03	332 iP	06	05.60	0.8
	0.7s	4.20nm			4.5mb
HFS	76.44	333 eP	06	41.30	-1.1
	0.6s	2.30nm			4.3mb
NB2	76.80	335 P	06	45.20	0.8
	0.7s	1.80nm			4.2mb

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

& DEC 21, 1985 18h 59m 41.90s
40.652 N 127.533 W
DEPTH = 5.0km (geophysicist)
4.4mb (2 obs.)
OFF COAST OF NORTHERN CALIFORNIA(34)
<BRK>. ML 3.8 (BRK).

FHC	2.70	86	eP	00	23.40	-3.4
			iS	00	54.40	
WDC	3.80	89	ePd	00	40.30	-2.1
GAS	3.82	104	eP	00	40.20	-2.7
LBFM	4.33	79	eP	00	49.00	-1.1
BKS	4.96	122	eP	00	55.90	-2.9
PCC	5.10	126	eP	00	57.50	-3.2
MHC	5.65	124	eP	01	05.30	-3.5
ARN	5.72	123	eP	01	06.00	-3.6
SAO	6.14	127	eP	01	12.10	-3.4
JAS1	6.15	114	eP	01	16.60	0.9
EUR	8.94	94	iP	01	56.50	1.6
	0.2s		0.56nm			4.6mb X
EDM	15.83	33	iPc	03	30.50	3.5
LTX	22.51	113	eP	04	46.00	2.2
YKA	23.21	15	eP	04	50.30	-0.1
JCT	24.65	106	eP	05	06.00	1 4
	1.1s		9.49nm			4.4mb
INK	27.90	355	eP	05	31.00	-3 4
NB2	73.23	20	P	11	14.30	-1.2
	0.9s		3.50nm			4.5mb
	17 obs. assaciated					

DEC 21, 1985 19h 22m 48.10± 0.50s
50.219 N ± 4.9km 12.449 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.6 (FUR), 2.7 (GRF).

HOF	0.38	285	iPgd	22	55.70	-0 2
MOX	0.68	309	ePg	23	01.50	-0.2
			iSg	23	10.50	
GRF	0.95	237	iPgc	23	06.50	0.3
			eSg	23	18.90	
			eLg	23	21.40	
WET	1.11	165	ePg	23	09.20	0.2
CLL	1.15	18	iPg	23	09.80	0.2
			iSg	23	25.40	
BRG	1.16	55	iPgc	23	09.70	0.0
			iSg	23	24.70	
KHC	1.31	146	iPg	23	12.00	-0.4
			iSg	23	29.80	
PRU	1.37	99	Pg	23	13.20	0.0
			Sg	23	31.50	
FUR	2.19	201	iPgc	23	31.50	6.4X
	S.D. = 0.3		on 8 of 9 obs.			

• DEC 21, 1985 19h 56m 41.59± 1.00s
50.196 N ± 8.1km 12.402 E ± 8.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.68	312	ePg	56	55.00	0.0
			eSg	57	04.00	
CLL	1.18	19	iPg	57	03.60	0.0
			eSg	57	20.00	
BRG	1.20	55	iPg	57	03.90	0.0
			iSg	57	19.00	
KHC	1.31	144	ePg	57	05.90	0.0
			Sg	57	23.50	
PRU	1.39	98	ePg	57	07.00	0.0
			Sg	57	26.00	
	S.D. = 0.0		on 5 of 5 obs.			

DEC 21, 1985 20h 00m 56.15± 0.33s
42.313 N ± 4.8km 19.901 E ± 3.4km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 3.4 (TTG).

PVY	0.29	11	iPgc	01	02.10	-0.1
			iSg	01	07.50	
TTG	0.49	284	iPgc	01	06.00	-0.1
			eSg	01	15.50	
IVA	0.56	360	iPgc	01	07.40	-0.1
			eSg	01	16.90	
ULC	0.60	234	iPgd	01	08.60	0.4
			eSg	01	17.50	
SDV	0.80	268	iPgc	01	12.50	0.9
			eSg	01	26.00	
NKY	0.83	307	ePg	01	12.40	0.1
			eSg	01	25.50	
HCY	1.05	278	iPgd	01	17.00	1.1
			eSg	01	33.00	
BRY	1.16	301	ePg	01	18.10	0.2
			eSg	01	37.50	
SKO	1.19	106	iPn	01	17.50	-0.9
			iSn	01	33.80	
OHR	1.38	150	iPn	01	19.40	-2.0
VAY	2.23	116	iPn	01	33.50	-0.1
GRG	2.31	125	iPd	01	34.80	-0.1
			eS	02	04.30	
VTS	2.46	82	eP	01	37.00	0.1
			eS	02	08.00	
KNT	2.52	116	ePd	01	37.50	-0.3
			eS	02	05.90	
THE	2.85	125	ePc	01	42.40	-0.1
			eS	02	14.70	
MMB	2.95	103	iPd	01	46.00	2.1
			Sg	02	31.00	
LIT	2.95	138	eP	01	44.90	1.0
SRS	3.01	112	eP	01	45.00	0.2
			eS	02	20.10	
PLD	3.57	92	eP	02	08.00	15.3X
OUR	3.65	121	iPc	01	53.20	-0.7
PAIG	3.72	129	eP	01	54.20	-0.6
PVL	3.97	76	eP	02	03.00	4.6X
KDZ	4.12	98	eP	02	04.00	3.5X
DEV	4.17	30	ePc	02	17.00	15.8X
DIM	4.23	92	eP	02	15.00	12.9X
JMB	4.95	86	eP	02	14.00	1.7
			eS	03	11.00	
CEY	5.22	313	ePn	02	19.40	3.2X
	1.5s		324.00nm			5.7mb X
			eSn	03	22.40	
LJU	5.37	316	ePn	02	21.00	2.8X
	1.8s		940.00nm			6.1mb X
			eSn	03	28 50	
			eSg	03	59.80	
TRI	5.58	310	ePn	02	22.00	0.9
			iSn	03	26.80	
			i	04	06.00	
PSZ	5.61	360	ePn	02	20.00	-1.6
SRO	5.61	349	ePn	02	20.70	-0.9
			e	03	33.70	
VOY	5.70	313	iPn	02	24.80	1.8
			eSn	03	34.60	
			eSg	04	11.90	
ZST	6.20	342	eP	02	34.50	4.6X
			e	03	07.40	
			e	04	35.00	
PSN	6.23	75	eP	02	31.00	0.8
KBA	6.67	318	ePn	02	38.00	1.2
			i(Sn)	04	01.80	
KHC	8.12	329	eP	02	59.60	2.7X
	0.8s		5.00nm			4.8mb X
LPG	10.01	293	eP	03	24.10	0.8
	0.4s		3.40nm			5.1mb X
BSF	10.78	305	eP	03	33.20	-0.5
SMF	12.26	296	eP	03	51.80	-1.8
LBF	12.26	298	eP	03	51.90	-1.8
LOR	12.42	299	eP	03	54.50	-1.3
	S.D. = 1.1		on 32 of 41 obs.			

DEC 21, 1985 20h 04m 56.30± 0.43s
50.216 N ± 4.2km 12.437 E ± 4.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.9 (FUR), 3.1 (GRF).

HOF	0.37	285	iPgd	05	03.90	-0.1
MOX	0.68	310	iPg	05	09.50	-0.3
			iSg	05	18.00	
GRF	0.94	237	iPgc	05	14.70	0.4
			eSg	05	27.00	
			eLg	05	29.50	
WET	1.11	165	iPgd	05	17.20	0.1
CLL	1.15	18	iPg	05	17.90	0.1
			iSg	05	33.50	
BRG	1.17	55	iPgc	05	18.10	0.0
			iSg	05	33.20	
			eSg	06	11.60	
KHC	1.31	145	iPg	05	20.20	-0.4
			iSg	05	37.50	
			e	06	51.00	
			e	08	42.50	
			e	20	18.50	
PRU	1.37	99	iPg	05	21.90	0.4
			Sg	05	40.50	
FUR	2.19	201	iPgc	05	36.80	3.5X
KSP	2.54	74	iPg	05	43.00	4.8X
			iS	06	15.50	
TNS	2.56	272	ePb	05	45.80	7.2X
			eSg	06	16.70	
KBA	3.20	169	iPnc	05	47.70	0.0
			i	06	38.30	
			iSg	06	39.70	
			i(Sg)	07	53.70	
VKA	3.21	126	ePn	05	47.50	-0.2
			iPg	05	56.70	
			iSg	06	39.20	
GWF	3.37	250	eP	06	00.00	10.0X
			eSn	06	42.00	
			eSg	06	46.00	
CDF	3.83	244	Pg	05	07.40	10.8X
	0.7s		53.00nm			
			Sg	06	56.80	
WLF	4.10	265	eP	06	46.50	46.3X
MEM	4.13	278	eP	06	53.50	52.8X
BSF	4.41	239	Pg	06	19.40	14.5X
	0.5s		35.00nm			
			Sn	06	51.60	
			Sg	07	14.20	
HAU	4.57	243	Pg	06	21.80	14.7X
	0.5s		38.00nm			
			Sg	07	18.70	
DOU	5.04	272	Pg	06	31.70	18.0X
	S.D. = 0.3		on 10 of 20 obs.			

DEC 21, 1985 20h 06m 10.38± 0.64s
50.204 N ± 6.0km 12.454 E ± 6.1km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.9 (FUR), 3.1 (GRF).

MOX	0.69	310	ePg	06	24.00	-0.1
			iSg	06	33.00	
GRF	0.95	238	iPgc	06	28.60	0.2
			eSg	06	41.10	
			eLg	06	43.60	
WET	1.10	165	iPgd	06	30.80	-0.2
CLL	1.16	17	iPg	06	32.10	0.0
			iSg	06	47.00	
BRG	1.16	54	iPgc	06	32.10	0.0
			eSg	06	47.20	
PRU	1.36	98	ePg	06	35.50	0.1
			Sg	06	54.50	
FUR	2.18	201	iPgc	06	53.70	6.5X
	S.D. = 0.2		on 6 of 7 obs.			

• DEC 21, 1985 20h 24m 13.05± 0.98s
50.211 N ± 8.1km 12.430 E ± 8.8km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.68	310	ePg	24	26.50	0.0
			eSg	24	35.00	
CLL	1.16	18	iPg	24	34.70	0.0
			eSg	24	50.00	
BRG	1.17	55	iPg	24	35.10	0.2
			eSg	24	49.70	
KHC	1.31	145	ePg	24	37.50	0.1
			Sg	24	54.00	
PRU	1.38	99	ePg	24	38.00	-0.3
			Sg	24	56.50	
	S.D. = 0.2		on 5 of 5 obs.			

• DEC 21, 1985 20h 42m 42.91± 0.98s
50.229 N ± 8.1km 12.414 E ± 8.7km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.66	310	ePg	42	56.00	-0.1
			eSg	43	05.00	
CLL	1.14	19	iPg	43	04.50	0.2
			eSg	43	20.00	
BRG	1.17	56	ePg	43	04.50	-0.3
			eSg	43	19.40	
KHC	1.33	145	Pg	43	07.50	0.0
			Sg	43	24.70	
PRU	1.39	99	ePg	43	08.50	0.2
			Sg	43	26.90	
	S.D. = 0.3		on 5 of 5 obs.			

21d 20h

• DEC 21, 1985 20h 55m 07.34± 0.87s
45.109 N ± 9.6km 6.625 E ±39.1km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.4 (LDG).

LPG	0.40	13	Pg	55	15.60	0.0
			Sg	55	22.00	
FRF	1.55	179	Pn	55	35.00	0.0
	0.3s	7.00nm				
			Sn	55	56.30	
CDR	1.56	204	eP	55	35.10	-0.1
			i	55	54.90	
LRG	1.66	187	Pn	55	37.00	0.3
	0.3s	4.00nm				
			Sn	55	59.00	
LMR	1.78	183	Pn	55	38.00	-0.3
			Sn	56	02.40	
S.D. = 0.3 on 5 of 5 obs.						

• DEC 21, 1985 21h 19m 08.33± 3.14s
17.633 N ±21.9km 61.138 W ±19.2km
DEPTH = 24.3 ± 8.4 km
LEEWARD ISLANDS (92)

BPA	0.90	230	eP	19	24.92	-0.3
			S	19	35.80	
SEG	1.27	196	eP	19	30.50	-0.1
			S	19	46.80	
SFG	1.37	182	eP	19	31.83	-0.2
PAG	1.68	198	eP	19	37.13	0.6
			S	19	58.60	
MGG	1.71	186	eP	19	37.39	0.4
CRM	2.87	176	eP	19	52.80	-0.7
FDF	2.88	180	eP	19	53.26	-0.5
			S	20	27.40	
MVM	3.07	176	eP	19	55.90	-0.5
BIM	3.10	179	eP	19	58.20	1.4
			S	20	33.60	
SJG	4.80	276	iPd	20	21.00	0.1
S.D. = 0.8 on 10 of 10 obs.						

DEC 21, 1985 21h 26m 14.60± 0.38s
39.192 N ± 3.8km 26.180 E ± 3.3km
DEPTH = 17.5 ± 3.4 km
TURKEY (366)

PRK	0.09	53	iPgc	26	17.90	-0.3
			eSg	26	24.20	
EZN	0.64	10	iPg	26	27.80	0.8
			eSg	26	37.80	
IZM	1.16	133	iPn	26	36.50	0.6
EDC	1.74	48	iPn	26	45.00	0.8
MFT	1.80	28	ePn	26	45.50	0.3
KCT	1.98	57	ePn	26	48.00	0.2
OUR	2.04	305	eP	26	48.20	-0.4
			eS	27	12.70	
PAIG	2.07	292	eP	26	48.30	-0.6
			eS	27	15.00	
ATH	2.28	239	ePb	26	55.00	3.0X
			eSn	27	24.00	
KDZ	2.53	346	iP	26	56.00	0.5
			iS	27	27.00	
YER	2.64	140	ePn	26	56.70	-0.5
SRS	2.76	315	iPc	26	58.40	-0.5
DIM	2.89	351	iP	27	01.00	0.4
			eSg	27	49.00	
DMK	2.89	24	iPn	27	00.70	0.1
ISK	2.89	49	ePn	27	00.50	-0.2
LIT	2.99	289	eP	27	01.50	-0.6
MMB	3.04	323	iPd	27	02.00	-0.8
			Sg	27	49.00	
PLD	3.12	339	eP	27	06.00	2.1
HRT	3.13	58	ePn	27	03.50	-0.7
KNT	3.19	309	eP	27	05.30	0.3
			eS	27	40.80	
JMB	3.29	5	eP	27	06.80	-0.3
GPA	3.37	70	ePn	27	07.30	-0.2
VAY	3.49	309	iPn	27	09.70	0.6
KZN	3.58	290	ePn	27	10.20	-0.3
NPS	3.95	187	ePb	27	16.50	0.8
PVL	4.02	349	iPc	27	16.60	-0.7
VTS	4.09	327	iPd	27	18.00	0.4
OHR	4.55	297	ePn	27	24.50	0.2
PSN	4.73	18	iPd	27	27.00	0.2
TLB	5.57	14	eP	27	37.00	-1.6
ISR	5.95	2	ePd	27	45.00	1.0
MLR	6.30	358	ePd	27	49.00	0.0
S.D. = 0.7 on 31 of 32 obs.						

• DEC 21, 1985 21h 31m 35.65± 1.01s
50.188 N ±10.8km 12.362 E ± 8.2km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.66	314	ePg	31	50.00	1.2
			iSg	31	59.00	
GRF	0.89	236	ePg	31	52.00	-0.7
			eSg	32	08.00	
CLL	1.19	20	iPg	31	56.70	-1.2
			iSg	32	13.50	
BRG	1.22	55	ePg	31	58.40	0.0
			eSg	32	13.50	
PRU	1.42	97	Pg	32	02.20	0.7
			Sg	32	31.00	
S.D. = 1.4 on 5 of 5 obs.						

• DEC 21, 1985 21h 39m 18.56± 1.50s
42.770 N ± 8.7km 147.209 E ±10.0km
DEPTH = 34.8 ± 12.9 km
5.0mb (7 obs.)
OFF COAST OF HOKKAIDO, JAPAN (225)
Felt (II JMA) at Nemuro.

NEM	1.31	296	Pd	39	41.60	0.8
			iS	39	57.00	
KUS	2.08	277	eP	39	53.00	1.2
			S	40	16.50	
TSK	8.54	222	eP	41	20.70	-2.1
			e	42	50.70	
DDR	9.17	225	eP	41	30.90	-0.7
			e	43	05.50	
MAT	9.32	231	eP	41	33.00	-0.5
			eS	43	04.00	
OYM	9.60	223	eP	41	38.40	1.0
CN2	15.88	281	eP	42	59.20	-1.8
SSE	23.74	249	eP	44	44.70	16.3X
HHC	26.52	278	eP	44	57.00	2.3
TIY	26.90	271	eP	45	01.50	3.3X
BTO	27.72	278	eP	45	06.00	0.3
WHN	28.86	256	eP	45	28.50	12.6X
XAN	31.03	267	eP	45	40.00	4.8X
GTA	35.51	281	P	46	14.30	0.2
IMA	39.47	33	eP	46	48.10	1.1
KMI	40.36	259	eP	47	09.50	14.6X
COL	41.87	35	eP	47	08.00	1.5
	0.8s	27.24nm			5.0mb	
			e	47	22.00	
FBA	41.87	35	eP	47	07.60	1.1
WMO	42.50	293	P	47	12.50	0.4
INK	47.23	30	eP	47	49.00	-0.5
KKN	51.63	274	eP	48	25.00	0.9
	0.8s	11.00nm			4.9mb	
PKI	51.66	274	eP	48	25.10	0.6
DMN	51.86	274	eP	48	26.90	1.0
	8.0s	10.00nm			3.8mb X	
YKA	56.59	33	eP	49	00.00	0.2
KEV	59.65	340	iP	49	20.00	-1.1
DAC	60.41	356	iPd	49	24.00	-2.2
	1.2s	12.50nm			4.9mb	
HYB	62.80	269	eP	49	56.60	13.5X
KJF	63.28	335	eP	49	45.00	-0.5
WRA	63.52	194	eP	49	47.90	0.3
SUF	64.82	334	iP	49	54.80	-0.9
	0.4s	10.00nm			5.3mb	
GBA	66.07	267	P	50	04.00	-0.3
NUR	66.93	333	iP	50	07.50	-1.6
FRB	70.11	16	eP	50	27.00	-1.8
NB2	70.53	339	P	50	30.30	-1.2
	0.8s	16.40nm			5.1mb	
HFS	70.61	337	eP	50	30.80	-1.1
	0.7s	14.80nm			5.1mb	
KRA	76.71	328	eP	51	07.40	-0.1
			e	51	10.20	
PRU	78.78	331	eP	51	19.00	0.1
EKA	79.08	343	P	51	21.00	0.5
	0.9s	10.50nm			4.8mb	
KHC	79.84	331	iPd	51	25.50	0.7
ITR	145.77	10	ePKP	58	55.90	0.5
SOB1	145.82	14	ePKP	58	57.10	1.6
			e	59	11.50	
S.D. = 1.2 on 35 of 41 obs.						

DEC 21, 1985 22h 11m 41.58± 0.66s
50.241 N ± 6.4km 12.438 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.66	308	ePg	11	54.50	-0.3
			eSg	12	03.00	
GRF	0.96	235	ePg	12	00.10	0.3
			eSg	12	12.70	
			eLg	12	15.00	
CLL	1.13	18	iPg	12	02.90	0.2
			iSg	12	17.90	
BRG	1.15	56	iPgc	12	03.00	-0.1
			iSg	12	17.80	
KHC	1.34	146	iPg	12	05.90	-0.3
			iSg	12	23.20	
PRU	1.38	100	ePg	12	07.00	0.2
			Sg	12	25.30	
S.D. = 0.3 on 6 of 6 obs.						

• DEC 21, 1985 22h 28m 04.41± 1.32s
17.973 N ±18.3km 101.288 W ± 8.0km
DEPTH = 33.0km (normal)
4.2mb (1 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

PIM	0.64	298	iPc	28	17.40	0.4
			iS	28	28.00	
III	1.78	77	iP	28	34.00	0.5
			i	29	02.50	
OXM	2.01	49	iP	28	40.50	3.5X
TPM	2.34	64	iP	28	43.00	1.5
UNM	2.41	56	iP	28	48.00	5.3X
TAC	2.44	54	eP	28	53.50	10.4X
PUE	3.12	70	iP	29	09.00	16.3X
VHO	4.41	99	iP	29	10.00	-1.0
			i	30	20.00	
JCT	12.52	6	eP	31	15.50	12.3X
TUL	18.52	14	eP	32	19.80	-0.3
	0.9s	17.10nm			4.2mb	
RLO	18.95	16	eP	32	24.30	-1.1
GLA	19.33	324	eP	32	35.00	5.1X
BAR	20.16	320	eP	32	29.00	-9.8X
PLM	20.73	321	eP	32	45.00	0.0
TPC	20.79	323	eP	32	46.00	0.6
YKA	45.44	351	eP	36	22.20	0.5
INK	54.26	346	eP	37	28.00	-1.1
HYB	144.83	0	ePKP	47	36.00	-4.5X
S.D. = 1.0 on 10 of 18 obs.						

& DEC 21, 1985 22h 38m 35.60s
37.610 N 118.920 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.1 (PAS).

FRI	0.88	226	eP	38	51.40	-1.5
MNA	1.02	36	eP	38	54.60	-0.8
JAS1	1.23	285	eP	38	58.50	-0.4
ISA	1.98	169	iPd	39	10.30	0.3
ARN	2.09	264	eP	39	12.30	0.6
BCH	2.60	202	eP	39	18.50	-0.4
ABL	2.76	185	eP	39	22.30	0.8
EUR	2.97	50	iP	39	29.80	5.4
8 obs. associated						

DEC 21, 1985 22h 39m 44.84± 0.47s
50.225 N ± 4.4km 12.438 E ± 4.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.8 (FUR), 2.6 (GRF).

HOF	0.37	284	iPgd	39	52.20	-0.3
MOX	0.67	309	iPg	39	58.00	-0.2
			iSg	40	07.00	
GRF	0.95	236	iPgc	40	03.30	0.4
			eSg	40	15.80	
			eLg	40	18.10	
WET	1.12	165	ePg	40	05.80	0.0
CLL	1.14	18	iPg	40	06.60	0.4
			iSg	40	21.80	
BRG	1.16	55	iPgc	40	06.40	-0.1
			iSg	40	21.60	
KHC	1.32	145	iPg	40	08.80	-0.5
			iSg	40	26.00	
PRU	1.38	99	Pg	40	10.10	0.1
			Sg	40	28.90	
FUR	2.20	201	iPgc	40	28.30	6.4X

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KBA      3.21 169 iPnd  40 36.70   0.3
                  iSg   41 28.20
      S.D. = 0.3  on   9 of  10 obs.

   DEC  21, 1985  22h 56m 54.62± 0.33s
   14.114 N ± 6.6km   92.382 W ± 6.3km
   DEPTH =  33.0km  (normal)
   4.8mb ( 21 obs.)  4.3Msz (  2 obs.)
 NEAR COAST OF CHIAPAS, MEXICO   ( 69)

VHO      5.21 307 iP    58 10.00  -2.6
                  iS    59 11.00
PUE      7.42 312 iP    58 52.10   8.4X
III      8.02 303 eP    58 49.50  -2.4
                  i     00 41.50
TPM      8.03 308 iP    58 44.50  -7.6X
                  i     00 03.50
OXM      8.69 307 iP    59 01.50   0.1
PIM     10.02 296 iP    59 18.00  -1.4
JCT     17.66 338 iP    01 03.00   3.1X
        1.2s    40.63nm          4.4mb
LTX     18.40 327 iP    01 10.50   1.5
        1.2s    46.38nm          4.5mb
CHN     18.85 117 eP    01 18.00   3.3X
PSO     19.66 129 eP    01 25.00   0.6
BOG     20.37 116 eP    01 35.50   3.8X
                  eS    05 32.00
MEO     21.33 346 iPd   01 40.80  -0.2
OCO     21.81 349 iPd   01 45.20  -0.6
        0.9s    48.10nm          4.9mb
SIO     21.83 351 eP    01 45.50  -0.5
TUL     21.92 353 eP    01 46.40  -0.5
        0.8s    20.00nm          4.6mb
     Z  19s     1.20um           4.3Msz
RRO     21.92 347 eP    01 47.80   0.8
        0.5s    10.90nm          4.5mb
SDV     21.93 101 eP    01 47.70   0.3
RLO     22.09 354 iPd   01 49.70   1.1
RSCP    22.25  15 eP    01 50.30   0.0
        0.9s    20.34nm          4.6mb
PCO     22.86 350 e(P)  01 57.00   0.8
        0.4s    10.10nm          4.7mb
ACO     23.29 346 ePd   02 01.20   0.8
        0.9s   120.30nm          5.4mb
FVM     23.84   4 eP    02 10.00   4.3X
        0.8s     6.06nm          4.2mb
ALQ     24.32 331 P     02 12.00   1.4
GLA     27.79 317 iP    02 43.00   0.2
GLD     27.92 339 eP    02 45.10   1.1
GOL     27.93 338 eP    02 44.80   0.6
        1.0s    14.00nm          4.6mb
PV09    28.46 332 P     02 50.00   1.0
BAR     28.84 314 eP    02 53.00   0.8
TPC     29.24 317 eP    02 56.00   0.1
PLM     29.35 315 eP    02 57.00   0.0
RVR     30.07 316 eP    03 03.00  -0.2
GSC     30.46 318 eP    02 58.00  -0.7X
MWC     30.66 315 eP    03 09.00   0.4
PRN     30.74 323 P     03 09.50   0.2
SBB     30.77 316 eP    03 09.00  -0.4
YMT3    31.15 321 P     03 14.00   1.2
ISA     31.77 317 eP    03 20.00   1.8
GMN     31.99 321 P     03 21.00   0.6
BDW     32.18 336 iP    03 22.00   0.1
        1.1s     8.24nm          4.5mb
EUR     32.69 325 iP    03 26.80   0.4
        0.2s    21.77nm          5.7mb
PHAM    33.15 316 P     03 31.50   1.3
MNA     33.26 321 eP    03 32.30   1.0
FRI     33.35 318 eP    03 31.00  -0.9
PRI     33.50 316 eP    03 31.00  -2.4
RSNY    33.93  23 eP    03 36.40  -0.4
        1.0s    15.00nm          4.9mb
BMN     34.04 325 iP    03 39.00   1.0
OTT     34.22  21 eP    03 38.50  -0.8
JAS1    34.36 319 eP    03 40.70   0.1
MNT     35.08  23 ePd   03 46.40  -0.3
LRM     35.86 336 eP    03 54.50   0.9
ORV     36.00 320 eP    03 55.40   0.8
RSON    36.66 359 eP    03 59.30  -0.6
        1.0s    18.00nm          4.9mb
ZOBO    38.55 141 eP    04 17.00   0.2
        1.0s    12.50nm          4.7mb
     Z  20s     0.35um           4.2Msz
                  LR    16 10.00
LPB     38.76 141 eP    04 20.00   1.5
CNCB    39.05 141 P     04 21.00   0.0

NEW     39.73 334 eP    04 25.00  -0.7
CCH     40.62 140 P     04 37.90   4.2X
PNT     41.60 333 ePc   04 42.00   0.9
        0.8s    24.00nm          5.0mb
EDM     42.41 341 iPc   04 48.00   0.3
TPZ     43.99 143 P     05 02.30   1.0
SCH     45.25  21 eP    05 09.00  -1.6
YKC     50.79 347 iPc   05 53.50   0.0
        0.9s    80.00nm          5.7mb
RSNT    50.82 347 eP    05 53.60  -0.1
        0.9s    71.43nm          5.6mb
YKA     50.83 347 eP    05 54.40   0.6
FRB     52.29  13 eP    06 02.00  -2.8
BDF     53.00 122 e(P)  06 08.80  -2.2
SOB1    56.09 111 eP    06 33.50   0.1
                  e     06 35.10
                  e     06 43.00
VAO     57.76 129 eP    06 43.90  -1.3
ITR     58.16 110 eP    06 48.10   0.0
ITA     59.14 127 eP    06 58.30   3.1X
INK     60.22 344 iPc   07 01.10  -0.5
COL     62.99 337 eP    07 20.00  -0.2
        0.9s    14.71nm          5.1mb
MBC     63.75 353 eP    07 25.50   0.4
        0.9s    34.00nm          5.5mb
ALE     69.48   4 eP    08 00.00  -1.3
EKA     78.09  36 P     08 51.00  -0.7
        0.8s    17.40nm          5.1mb
KIC     86.20  84 ePKP  09 35.90   1.3
POO    144.84  23 ePKP  16 30.50  -0.3
CHG    145.43 341 iPKPc 16 31.00  -0.8
        0.8s    11.19nm
LOE    145.72 336 ePKP  16 31.00  -1.3
BDT    146.88 340 ePKP  16 37.50   3.4X
HYB    147.42  16 ePKPc 16 37.50   2.5X
        1.0s    25.00nm
NST    147.92 337 ePKP  16 39.00   3.2X
GBA    150.67  21 PKPd  16 40.90   0.8
        0.7s     1.30nm
      S.D. = 1.0  on  71 of  83 obs.

*  DEC  21, 1985  23h 59m 42.87± 0.82s
   50.238 N ± 8.9km   12.439 E ± 6.6km
   DEPTH =  10.0km  (geophysicist)
 GERMANY                          (543)

MOX      0.67 308 ePg    59 56.00  -0.1
                  eSg   00 05.00
GRF      0.96 236 ePg    00 01.20   0.1
                  eSg   00 13.60
                  eLg   00 16.20
CLL      1.13  18 iPg    00 04.20   0.1
                  eSg   00 20.00
BRG      1.15  56 iPg    00 04.40   0.0
                  iSg   00 19.50
PRU      1.38 100 Pg     00 08.00  -0.1
                  Sg    00 26.40
      S.D. = 0.2  on   5 of   5 obs.

   DEC  22, 1985  00h 20m 22.72± 0.36s
   42.289 N ± 4.5km   19.925 E ± 3.7km
   DEPTH =   9.2 ±  3.4 km
 YUGOSLAVIA                       (383)
      DUR 3.4 (TTG).

PVY      0.31   7 iPgc  20 28.60  -0.5
                  eSg   20 33.50
TTG      0.51 286 iPgc  20 32.20  -0.9
                  eSg   20 42.00
IVA      0.58 358 iPgc  20 33.70  -0.8
                  eSg   20 43.00
ULC      0.60 237 ePg    20 34.80   0.0
                  eSg   20 45.00
BDV      0.81 270 ePg    20 38.50  -0.1
                  eSg   20 52.50
NKY      0.86 308 ePg    20 39.00  -0.5
                  eSg   20 53.50
HCY      1.07 279 ePg    20 43.20   0.3
                  eSg   20 59.50
SKO      1.17 105 iPn    20 43.50  -1.2
                  iSn   21 01.00
BRY      1.19 301 ePg    20 44.50  -0.6
                  eSg   21 03.20
OHR      1.35 151 iPn    20 45.50  -2.1
VAY      2.20 115 iPn    21 01.00   1.1
GRG      2.28 125 eP     21 02.00   0.8
                  eS    21 31.00

VTS      2.44  82 eP     21 24.00  20.6X
                  iSg   21 43.00
KNT      2.49 116 eP     21 04.00  -0.1
BEO      2.56   8 ePn    21 05.10   0.1
                  iPg   21 12.40
                  iSg   21 46.80
THE      2.82 125 eP     21 08.80   0.1
                  eS    21 41.20
LIT      2.92 138 ePd    21 10.80   0.6
                  eS    21 46.40
MMB      2.92 103 iPd    21 14.00   3.8X
                  Sg    21 58.00
SRS      2.99 112 eP     21 11.20   0.1
                  eS    21 45.90
PLD      3.56  91 eP     21 33.00  13.9X
PAIG     3.69 128 eP     21 21.20   0.1
PVL      3.96  76 eP     21 31.00   6.1X
KDZ      4.10  97 eP     21 33.00   6.2X
DIM      4.21  91 eP     21 43.00  14.5X
CEY      5.25 313 ePn    21 45.70   2.4X
        1.5s   270.00nm          5.7mb X
                  eSn   22 49.20
LJU      5.40 316 ePn    21 47.50   2.2X
        1.6s   480.00nm          5.9mb X
                  eSn   22 54.00
MLR      5.40  52 eP     21 50.00   4.5X
TRI      5.61 310 iPnd   21 48.70   0.5
                  iSn   22 53.50
                  i     23 32.50
PSZ      5.63 360 ePnc   21 47.50  -1.1
SRO      5.64 349 eP     21 53.00   4.3X
VOY      5.73 313 iPn    21 51.50   1.4
                  iSn   23 00.00
                  iSg   23 35.80
ZST      6.23 342 eP     22 18.40  21.4X
KBA      6.70 318 iPnc   22 05.30   1.5
                  i(Sn) 23 25.00
KHC      8.15 329 P      22 25.60   1.6
LPG     10.04 293 eP     22 52.40   2.1X
        0.8s    4.00nm          4.9mb X
SMF     12.28 296 eP     23 18.70  -1.9
        0.8s    5.90nm          4.9mb X
LOR     12.45 299 eP     23 23.20   0.4
        0.8s    4.00nm          4.7mb X
      S.D. = 1.0  on  25 of  37 obs.

*  DEC  22, 1985  00h 25m 03.54± 0.97s
   15.191 N ±14.5km  104.651 W ±19.9km
   DEPTH =  10.0km  (geophysicist)
   4.4mb (  4 obs.)  4.1Msz (  1 obs.)
 OFF COAST OF MICHOACAN, MEXICO   ( 64)

LTX     14.11   4 eP     28 25.00  -0.7
        1.1s    12.94nm          4.6mb X
JCT     15.86  15 eP     28 49.40   0.9
        1.3s    19.23nm          4.1mb
ALQ     19.73 356 P      29 40.00   3.3X
GLA     20.04 334 eP     29 41.00   1.3
BAR     20.56 330 eP     29 43.00  -2.1
PLM     21.20 331 eP     29 51.00  -0.8
TPC     21.46 333 eP     29 56.00   1.7
TUL     22.10  19 eP     30 04.80   4.1X
        1.3s    26.40nm          4.5mb
MWC     22.48 330 eP     30 02.00  -2.7
RLO     22.59  21 eP     30 04.00  -1.5
GSC     22.80 334 eP     30 11.00   3.3X
ISA     23.85 331 eP     30 21.00   3.1X
GMN     24.70 335 P      30 28.50   2.1
EUR     26.16 340 iP     30 41.40   1.3
        1.0s    5.77nm           4.2mb
BMN     27.43 339 eP     30 51.00  -0.6
BDW     27.81 352 eP     30 56.00   0.8
NEW     34.55 345 P      31 58.00   3.7X
ZOBO    47.73 129 P      33 43.20  -0.3
     Z  22s     0.21um           4.1Msz
                  LR    50 30.00
LPB     47.91 130 eP     33 45.00   0.3
        1.0s    20.00nm          5.2mb
CNCB    48.17 130 eP     33 47.00   0.1
INK     56.21 348 eP     34 46.00   0.2
      S.D. = 1.5  on  16 of  21 obs.

*  DEC  22, 1985  01h 24m 55.12± 0.79s
   50.211 N ± 7.1km   12.433 E ± 7.3km
   DEPTH =  10.0km  (geophysicist)
 GERMANY                          (543)
      ML 2.3 (GRF).
```

22d 01h

MOX	0.68	310	ePg	25 08.00	-0.6
			eSg	25 17.50	
GRF	0.94	237	iPgc	25 13.60	0.6
			eSg	25 26.30	
			eLg	25 28.50	
CLL	1.16	18	iPg	25 17.10	0.3
			iSg	25 32.30	
BRG	1.17	55	iPg	25 17.10	0.1
			iSg	25 32.00	
KHC	1.31	145	iPg	25 19.00	-0.4
			iSg	25 37.00	
PRU	1.38	99	Pg	25 32.50	12.2X
			Sg	25 38.40	

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

DEC 22, 1985 02h 02m 17.82± 1.48s
36.331 N ± 9.7km 70.992 E ± 8.0km
DEPTH = 49.7 ± 15.9 km
4.8mb (10 obs.)
HINDU KUSH REGION (718)

NDI	9.26	144	eP	04 33.00	1.5
	0.5s		7.04nm		5.0mb
			iS	06 10.00	
MHI	9.28	273	eP	04 32.00	0.1
			eS	06 11.00	
DMN	14.79	122	eP	05 45.40	-0.3
	0.5s		33.00nm		4.9mb
KKN	14.79	121	eP	05 45.10	-0.7
PKI	15.02	121	eP	05 47.80	-1.0
	0.5s		21.00nm		4.6mb
HYB	19.99	158	eP	06 48.20	-0.9
GBA	23.36	164	P	07 24.00	1.4
			S	11 43.00	
NUR	37.96	324	iP	09 32.20	0.2
	0.4s		22.20nm		5.4mb X
SUF	38.06	328	iP	09 33.30	0.4
	0.6s		5.60nm		4.7mb
SOD	39.89	335	iP	09 48.80	0.8
KEV	40.96	338	eP	09 53.00	-3.7X
HFS	43.20	322	eP	10 14.70	-0.5
	0.5s		6.70nm		4.6mb
NB2	44.51	323	P	10 24.80	-1.1
	0.6s		5.00nm		4.5mb
BNG	57.59	249	ePd	12 04.10	-1.0
	0.3s		5.00nm		5.1mb
			id	12 47.30	
MBC	67.51	3	iPc	13 10.80	0.6
	0.8s		19.00nm		5.2mb
INK	74.87	9	eP	13 50.00	0.2
COL	74.63	16	eP	13 53.00	-0.2
	0.8s		7.84nm		4.7mb
KIC	74.77	267	eP	13 50.40	-4.4X
YKA	81.42	3	eP	14 31.00	0.7
YKC	81.44	3	ePc	14 30.00	-0.4
	0.7s		7.00nm		4.7mb
WRA	81.91	122	eP	14 33.90	0.3

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

DEC 22, 1985 02h 32m 51.38± 0.55s
12.510 N ± 8.6km 142.790 E ± 8.4km
DEPTH = 33.8km (normal)
4.8mb (2 obs.)
SOUTH OF MARIANA ISLANDS (210)

GUMO	2.29	62	eP	33 27.70	0.1
PJG	2.29	62	eP	33 27.70	0.1
GUA	2.31	63	eP	33 27.80	-0.1
			eS	33 51.50	
MAN	21.21	278	iPd	37 36.00	-0.7
MAT	24.28	351	(P)	38 05.00	-1.8
	1.4s		27.91nm		4.6mb
			eS	42 30.00	
CTA	32.57	174	IPd	39 21.10	-0.9
	1.1s		20.25nm		4.9mb
			IS	44 38.00	
WRA	33.30	195	eP	39 26.90	-1.5
BJI	36.08	324	eP	39 53.00	1.1
ASPA	36.99	194	eP	40 01.00	1.2
KMI	39.78	294	eP	40 25.00	1.6
BRS	40.83	166	iP	40 31.20	-0.5
DZM	41.47	146	iPd	40 37.00	-0.1
NOU	41.66	146	iPc	40 40.10	1.6
INK	76.13	22	eP	44 50.00	12.6X
ZOBO	149.84	101	ePKP	52 43.00	6.7X
	1.0s		17.50nm		
LPB	149.85	101	ePKP	52 43.00	6.8X
CNCB	149.94	102	PKP	52 42.00	5.5X

S.D. = 1.2 on 13 of 17 obs.

DEC 22, 1985 02h 41m 13.25± 0.61s
12.415 N ± 9.6km 142.793 E ± 7.5km
DEPTH = 33.0km (normal)
SOUTH OF MARIANA ISLANDS (210)

GUMO	2.33	60	eP	41 50.30	0.2
PJG	2.33	60	eP	41 50.30	0.2
GUA	2.35	61	eP	41 49.70	-0.6
			eS	42 23.50	
MAN	21.23	279	eP	45 59.00	0.3
MAT	24.38	351	(P)	46 30.00	0.4
WRA	33.21	195	eP	47 48.90	-0.6
BJI	36.16	324	eP	48 14.00	-0.5
DZM	41.39	146	iPc	48 58.90	0.6
ZOBO	149.82	101	PKP	01 04.10	5.9X
LPB	149.83	102	ePKP	01 03.00	5.0X
CNCB	149.92	102	PKP	01 04.50	6.2X

S.D. = 0.6 on 8 of 11 obs.

DEC 22, 1985 03h 08m 42.93± 0.30s
30.998 S ± 9.4km 177.847 W ± 6.8km
DEPTH = 33.0km (normal)
5.4mb (3 obs.)
KERMADEC ISLANDS (178)

GNZ	8.35	203	eP	10 42.00	-2.6
			S	12 18.00	
MNG	11.02	208	P	11 17.00	-4.3X
NOU	16.48	298	iPc	12 41.50	8.4X
DZM	16.62	299	iPc	12 34.20	-0.8
BRS	25.86	271	P	14 14.30	0.9
COO	25.97	263	eP	14 15.00	0.7
CAN	28.01	252	eP	14 33.90	1.0
WAM	28.11	250	eP	14 34.70	1.0
YOU	28.55	254	eP	14 38.60	0.8
RMQ	29.56	270	eP	14 47.00	0.1
CTA	34.03	280	iPc	15 24.10	-2.0
	1.0s		50.00nm		5.4mb
STK	34.48	258	iPd	15 29.50	-0.4
ASPA	43.21	267	eP	16 40.00	-2.8X
WRA	44.25	273	eP	16 47.30	-3.9X
SPA	59.17	180	iPc	18 45.20	2.4
	1.1s		19.05nm		5.1mb
SYO	76.58	193	iP	20 32.10	0.8
SYP	84.95	45	eP	21 17.00	0.8
PRI	85.65	43	eP	21 20.20	0.6
BAR	85.77	48	eP	21 19.00	-1.2
PAS	85.80	46	eP	21 21.00	0.8
MWC	85.92	46	eP	21 21.00	-0.1
BKS	85.96	41	eP	21 21.50	0.6
	0.9s		29.00nm		5.5mb
			e	21 38.30	
PLM	86.09	47	eP	21 22.00	0.1
SBB	86.37	46	eP	21 23.00	-0.1
ISA	86.63	45	eP	21 24.00	-0.4
FRI	86.79	43	eP	21 24.70	-0.3
			e	21 42.80	
JAS1	87.02	42	eP	21 25.20	-1.0
TPC	87.09	47	eP	21 27.00	0.4
GLA	87.19	49	eP	21 28.00	0.9
GSC	87.41	46	eP	21 28.00	-0.2
ORV	87.54	40	eP	21 28.10	-0.5
WDC	87.70	39	eP	21 28.50	-0.8
MNA	88.67	43	eP	21 34.10	-0.2
SOB1	122.55	127	ePKP	27 36.30	-1.0
			e	27 54.60	
BUL	123.15	210	IPKPd	27 37.60	-0.8
	0.9s		6.30nm		
ITR	124.55	129	ePKP	27 40.10	-1.0
			e	27 58.70	
KRI	125.61	213	IPKPd	27 42.70	-0.6
FRB	125.82	31	ePKP	27 39.00	-3.1X
SUF	144.72	341	ePKP	28 12.00	-5.1X
	0.6s		9.40nm		
NUR	146.92	340	IPKP	28 28.00	-0.8
	0.8s		47.00nm		
NB2	149.30	351	PKP	28 26.00	1.2
	0.9s		22.10nm		
BNG	149.40	214	IPKPc	28 29.80	3.6X
	0.6s		30.00nm		
			ic	28 47.90	
HFS	149.85	348	ePKP	28 26.70	1.2
	0.8s		10.90nm		
KIC	154.65	164	ePKP	28 34.30	0.6
			e	28 58.60	

S.D. = 1.0 on 37 of 44 obs.

* DEC 22, 1985 03h 29m 35.84± 1.55s
39.060 N ±14.0km 25.197 E ±10.1km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

EZN	1.16	48	iPg	29 57.60	0.1
			iSg	30 07.80	
IZM	1.75	112	iPn	30 06.50	0.1
EDC	2.43	57	iPn	30 15.00	-1.1
KDZ	2.58	3	iP	30 26.00	7.7X
			iS	30 57.00	
KCT	2.71	63	ePn	30 13.00	-7.3X
DIM	3.00	6	eP	30 32.00	7.8X
VAY	3.02	319	ePn	30 24.50	-0.1
YER	3.10	127	ePn	30 31.00	5.2X
DMK	3.38	34	iPn	30 30.60	0.9
ISK	3.58	55	ePn	30 32.00	-0.5
HRT	3.86	61	ePn	30 41.00	4.4X
PVL	4.08	360	eP	30 46.00	6.4X
GPA	4.13	71	ePn	30 41.00	0.6

S.D. = 0.8 on 7 of 13 obs.

* DEC 22, 1985 03h 32m 51.67± 0.88s
42.133 N ±16.9km 19.992 E ±13.6km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 3.0 (TTG).

SKO	1.09	98	ePn	33 12.00	-0.2
OHR	1.19	149	iPn	33 13.90	0.1
VAY	2.09	112	iPn	33 27.30	0.1
GZR	3.83	31	ePd	34 00.00	8.0X
CEY	5.40	314	ePn	34 13.90	-0.3
			eSn	35 17.30	
LJU	5.54	317	ePn	34 18.00	1.8
VOY	5.87	314	ePn	34 19.40	-1.5
			eSg	35 05.80	
			eSn	35 25.80	

S.D. = 1.4 on 6 of 7 obs.

DEC 22, 1985 03h 41m 01.53± 0.69s
8.392 S ±10.1km 117.663 E ± 6.9km
DEPTH = 205.7 ± 14.1 km
SUMBAWA ISLAND REGION (285)

MKS	3.63	30	iPd	41 59.50	0.1
			e	43 45.00	
TRT	5.03	277	iPc	42 16.80	-0.2
			iS	43 10.00	
MBL	12.87	171	iPc	44 06.00	7.8X
KNA	13.09	125	eP	44 01.50	0.5
MEK	18.14	177	iPd	45 00.60	-0.5
WBN	19.58	155	eP	45 16.00	0.1
WRA	19.81	127	iPd	45 17.50	-0.7
WB2	19.82	127	iPd	45 17.50	-0.8
			eS	48 52.90	
MRWA	20.78	184	eP	45 28.20	0.4
PSI	21.69	300	eP	45 37.00	0.2
ASPA	21.74	136	iPd	45 38.20	0.9
KLG	22.56	171	eP	45 45.00	-0.1
KLB	23.08	180	eP	45 50.90	0.7
MUN	23.51	183	eP	45 54.00	-0.2
NWAO	24.42	181	eP	46 02.50	-0.3

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

? DEC 22, 1985 04h 14m 51.08±10.55s
51.645 N ±84.3km 19.558 E ±43.9km
DEPTH = 33.0km (normal)
POLAND (548)
ML 2.9 (VKA).

KRA	1.61	171	IPgd	15 16.30	-1.2
			iSg	15 25.90	
KSP	2.20	250	ePn	15 32.50	6.4X
			iPg	15 35.50	
			iS	15 58.00	
PRU	3.59	244	Pn	15 46.80	1.1
			Pg	15 54.50	
			eSg	16 28.60	
BRG	3.61	260	ePg	16 02.00	16.0X
			eSg	16 46.00	
PSZ	3.74	177	eP	15 49.30	1.4
VKA	3.98	213	ePn	15 51.00	-0.3
			iSn	16 19.40	

			iSg	16	30.80	
KHC	4.58	239	ePn	15	58.40	-1.4
			Pg	16	04.30	
			Sg	16	50.50	
KBA	6.11	224	eP	16	22.00	0.4
			iPg	16	37.30	
			iSg	17	39.00	
			i	17	43.20	

S.D. = 1.5 on 6 of 8 obs.

DEC 22, 1985 04h 49m 39.88± 0.46s
50.204 N ± 4.7km 12.393 E ± 4.2km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.8 (FUR), 3.8 (GRF), 3.6 (KBA), 3.6 (VKA).

HOF	0.35	289	iPgd	49	47.60	0.5
MOX	0.67	312	iPg	49	53.00	-0.1
			iSg	50	02.00	
GRF	0.91	236	iPgc	49	58.50	1.1
			eSg	50	10.90	
			eLg	50	13.30	
WET	1.11	163	iPgc	50	01.00	0.3
CLL	1.17	19	iPg	50	01.70	-0.1
			iSg	50	17.10	
BRG	1.20	55	iPgc	50	02.10	-0.1
			iSg	50	17.00	
KHC	1.32	144	iPg	50	04.10	-0.2
			iSg	50	27.90	
PRU	1.40	98	Pg	50	05.50	0.1
			Sg	50	23.60	
FUR	2.17	200	iPgc	50	23.60	7.1X
BHG	2.50	172	ePg	50	27.60	6.3X
TNS	2.53	272	ePb	50	29.50	7.7X
			eSg	51	00.00	
KSP	2.57	74	ePn	50	24.50	2.3X
			iPg	50	29.00	
			iS	50	59.00	
GAP	2.87	198	ePg	50	35.80	9.3X
KBA	3.19	168	iPnd	50	31.40	0.2
			i	51	22.20	
			iSg	51	23.90	
VKA	3.22	126	i(Pn)	50	31.70	0.2
			iPg	50	46.70	
			iSg	51	21.90	
GWF	3.34	250	eP	50	33.20	0.0
			ePg	50	48.40	
			eS	51	29.60	
SLE	3.54	228	eP	50	33.50	-2.5
SAX	3.58	215	eP	50	50.10	13.3X
ZUL	3.80	226	eP	50	52.50	12.8X
CDF	3.80	244	Pg	50	54.00	14.2X
	0.5s		79.00nm			
			Sg	51	42.50	
OSS	3.82	204	eP	50	40.60	0.4
WLF	4.07	265	Pg	50	56.50	13.1X
			e	51	49.00	
MEM	4.11	278	Pg	51	02.00	18.1X
			e	51	37.80	
ENN	4.17	280	ePg	51	03.50	18.6X
			e	51	48.50	
			eSg	52	54.00	
VOY	4.29	166	(Pn)	50	36.80	-10.0X
			eSn	51	38.10	
			eSg	52	07.80	
BSF	4.38	239	Pg	51	03.00	14.9X
	0.5s		64.00nm			
			Sg	51	59.00	
HAU	4.54	243	Pg	51	05.80	15.6X
	0.5s		55.00nm			
			Sg	52	05.50	
TMA	4.73	211	eP	51	11.60	18.5X
KRA	4.86	89	eP	51	11.60	16.9X
			eS	52	07.90	
DOU	5.02	272	Pg	51	04.40	7.5X
			e	51	46.70	
LOR	6.36	246	Pn	51	16.20	0.2
	0.8s		30.00nm			5.2mb X
			Pg	51	40.00	
			Sg	53	03.00	
LBF	6.44	243	Pg	51	42.50	25.4X
	0.8s		32.00nm			
			Sg	53	04.80	
SMF	6.71	241	Pg	51	45.50	24.6X
	0.5s		15.00nm			
			Sg	53	12.60	

S.D. = 0.9 on 14 of 33 obs.

DEC 22, 1985 04h 56m 52.03± 0.57s
50.255 N ± 6.6km 12.344 E ± 6.1km
DEPTH = 33.0km (normal)
GERMANY (543)
ML 2.5 (GRF).

HOF	0.31	281	iPgd	56	58.80	-1.1
MOX	0.61	310	iPg	57	04.50	0.3
			iSg	57	13.50	
GRF	0.92	233	iPgc	57	09.40	0.8
			eSg	57	21.80	
			eLg	57	24.20	
CLL	1.14	21	iPg	57	12.20	0.5
			iSg	57	27.70	
WET	1.16	162	ePg	57	12.00	-0.1
BRG	1.19	58	iPgc	57	12.00	-0.5
			iSg	57	27.80	
KHC	1.38	144	iPg	57	15.00	-0.2
			iSg	57	32.00	
PRU	1.44	100	iPg	57	16.30	0.3
			Sg	57	34.10	

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

DEC 22, 1985 05h 01m 56.35± 0.51s
50.207 N ± 4.9km 12.434 E ± 4.6km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.7 (FUR), 2.7 (GRF).

HOF	0.37	287	iPgd	02	03.90	-0.1
MOX	0.68	310	iPg	02	09.50	-0.4
			iSg	02	18.00	
GRF	0.94	237	ePgc	02	14.70	0.5
			eSg	02	27.00	
			eLg	02	29.40	
WET	1.10	165	ePg	02	17.10	0.0
CLL	1.16	18	iPg	02	18.40	0.3
			iSg	02	34.60	
BRG	1.17	55	iPgc	02	18.20	0.0
			iSg	02	33.40	
KHC	1.31	145	iPg	02	20.20	-0.4
			iSg	02	37.00	
PRU	1.37	98	Pg	02	21.60	0.1
			Sg	02	39.50	
FUR	2.18	201	iPgc	02	39.80	6.6X

S.D. = 0.4 on 8 of 9 obs.

DEC 22, 1985 05h 06m 44.77± 0.50s
50.229 N ± 4.9km 12.442 E ± 4.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

HOF	0.37	283	iPgd	06	52.20	-0.2
MOX	0.67	309	ePg	06	58.00	-0.1
			iSg	07	06.50	
GRF	0.95	236	ePgc	07	03.30	0.4
			eSg	07	15.80	
			eLg	07	18.30	
WET	1.12	165	ePg	07	05.80	0.0
CLL	1.14	18	iPg	07	06.30	0.2
			iSg	07	21.20	
BRG	1.16	55	iPgc	07	06.30	-0.1
			iSg	07	20.90	
KHC	1.32	146	Pg	07	09.00	-0.2
			Sg	07	26.10	
PRU	1.37	99	Pg	07	10.00	0.1
			eSg	07	28.00	

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

DEC 22, 1985 05h 51m 36.16± 0.51s
50.214 N ± 4.9km 12.450 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.2 (FUR), 3.1 (GRF).

HOF	0.38	285	iPgd	51	43.70	-0.3
MOX	0.69	309	iPg	51	50.00	0.2
			iSg	51	59.00	
GRF	0.95	237	iPgc	51	54.50	0.2
			eSg	52	07.20	
			eLg	52	09.50	
WET	1.11	165	iPgd	51	57.00	0.1
CLL	1.15	18	iPg	51	57.40	-0.3
			iSg	52	13.40	
BRG	1.16	55	iPgc	51	58.00	0.2
			iSg	52	13.00	
KHC	1.31	146	ePg	52	00.00	-0.4
			iSg	52	17.40	
PRU	1.37	99	Pg	52	01.50	0.3
			Sg	52	19.20	
FUR	2.19	201	iPgc	52	19.80	6.6X
KSP	2.53	74	ePn	52	21.50	3.5X
			iS	52	55.00	
ALE	38.57	348	eP	59	14.00	13.9X

S.D. = 0.3 on 8 of 11 obs.

DEC 22, 1985 06h 01m 15.98± 0.37s
69.072 N ±11.5km 16.909 W ± 6.8km
DEPTH = 10.0km (geophysicist)
4.6mb (8 obs.)
JAN MAYEN ISLAND REGION (639)

DAG	7.76	357	iPc	03	06.50	-5.0X
	0.3s		15.58nm			5.7mb X
KEV	15.21	67	eP	05	06.00	13.9X
SOD	15.99	75	eP	05	03.00	0.9
ALE	16.62	341	eP	05	04.00	-6.0X
	1.5s		56.00nm			4.5mb
KJF	18.01	84	eP	05	26.00	-1.4
SUF	18.34	89	iP	05	30.80	-0.7
	0.8s		4.00nm			3.6mb
FRB	20.77	280	eP	05	58.00	-0.9
MEM	21.55	138	Pc	06	03.00	-4.0X
CLL	22.78	126	iPd	06	16.40	-2.9X
	1.8s		32.00nm			4.5mb
			iSg	23	55.40	
MOX	22.98	129	eP	06	21.00	-0.3
BRG	23.45	125	iPc	06	25.00	-0.8
	1.5s		30.00nm			4.6mb
GRF	23.73	130	eP	06	30.00	1.4
KSP	24.18	122	eP	06	31.50	-1.3
PRU	24.41	125	eP	06	37.00	1.9
			Sg	24	02.50	
KHC	24.90	128	iPd	06	38.80	-1.1
MBC	27.43	330	eP	07	04.00	0.9
SRO	27.47	123	eP	07	05.30	1.6
INK	36.25	326	eP	08	19.00	-1.3
YKC	36.44	309	ePc	08	21.50	-0.6
	1.0s		15.00nm			4.8mb
YKA	36.47	309	eP	08	22.80	0.5
RSNT	36.48	309	eP	08	22.30	0.0
	1.0s		8.00nm			4.5mb
FFC	38.92	293	eP	08	43.50	0.6
	1.2s		19.00nm			4.6mb
COL	41.95	331	eP	09	09.00	1.3
	1.3s		25.00nm			4.8mb
EDM	43.83	300	ePd	09	23.30	0.1
JCT	59.38	275	eP	11	20.00	-0.5
ISA	61.12	294	eP	11	33.00	0.7
TPC	61.74	292	eP	11	36.00	-0.5
SBB	61.80	293	eP	11	37.00	0.1
MWC	62.30	293	eP	11	40.00	-0.4
PLM	62.70	292	eP	12	01.00	17.9X

S.D. = 1.0 on 24 of 30 obs.

* DEC 22, 1985 06h 20m 09.08± 1.24s
11.719 S ±15.1km 117.439 E ±17.7km
DEPTH = 33.0km (normal)
SOUTH OF SUMBAWA ISLAND (291)

TRT	6.19	310	iPd	21	40.50	-0.1
			iS	21	52.90	
MBL	9.66	167	eP	22	27.00	-2.0
			eS	24	05.00	
MEK	14.85	176	eP	23	40.00	1.5
			eS	26	11.00	
WBN	16.74	150	iPc	24	03.00	0.3
			eS	26	57.00	
MRWA	17.46	184	eP	24	12.00	0.2
			eS	27	07.00	
WRA	18.19	119	eP	24	21.10	0.2
ASPA	19.65	129	eP	24	43.00	4.7X
MUN	20.19	183	eP	24	48.00	4.1X
			eS	28	14.00	

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

* DEC 22, 1985 06h 30m 35.44± 0.58s
28.066 N ±10.9km 140.517 E ± 8.7km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
BONIN ISLANDS REGION (212)

22d 06h

CBI	1.77	123	eP	31	03.00	-1.2
			eS	31	26.00	
MAT	8.67	348	eP	32	41.00	-0.6
	1.0s	18.00nm			5.2mb	X
			eS	34	23.00	
CN2	19.83	326	Pd	35	07.00	0.8
TIA	21.37	298	eP	35	22.60	0.4
WHN	22.94	283	eP	35	38.50	0.8
BJI	23.36	307	eP	35	39.00	-2.7
			eS	39	54.00	
TIY	25.39	299	eP	36	02.00	0.6
HHC	26.93	306	Pc	36	14.80	-0.9
XAN	27.65	290	eP	36	22.30	0.1
CD2	32.03	284	eP	37	00.80	-0.5
GTA	35.42	299	eP	37	29.50	-1.0
WRA	48.10	188	eP	39	13.80	-0.3
COL	57.20	29	eP	40	22.00	0.7
GBA	60.11	270	Pd	40	44.40	2.2
	1.0s	3.80nm			4.5mb	
INK	62.77	25	eP	40	59.00	-0.4
YKA	71.99	28	eP	41	57.30	-0.1
EDM	76.92	36	eP	42	27.00	0.9
BDW	84.55	44	eP	43	08.20	1.3
	1.0s	3.00nm			4.4mb	
ZOBO	151.07	72	PKP	50	30.30	8.4X
	1.0s	7.50nm				
LPB	151.22	73	ePKP	50	27.00	5.1X
CNCB	151.45	73	ePKP	50	30.00	7.5X
TPZ	155.32	80	(PKP)	50	16.00	-11.5X
	S.D. = 1.2		on	18	of 22	obs.

? DEC 22, 1985 06h 55m 02.96± 7.58s
26.223 S ±45.0km 177.697 W ±60.3km
DEPTH = 212.0 ± 41.9 km
4.6mb (2 obs.)
SOUTH OF FIJI ISLANDS (171)

NOU	14.97	282	iPd	58	26.10	0.6
DZM	15.05	283	iPc	58	26.50	-0.2
MNG	15.44	200	P	58	30.50	-0.7
			S	01	14.00	
BRS	26.36	261	P	00	23.30	1.9
RMQ	30.02	262	eP	00	55.00	1.0
CTA	33.63	273	iPd	01	24.60	-0.8
	0.8s	11.19nm			4.5mb	
ASPA	43.76	262	eP	02	49.00	-0.4
WRA	44.37	268	eP	02	52.00	-2.2
SPA	63.93	180	iPc	05	16.10	0.8
	1.0s	11.00nm			4.6mb	
NB2	144.67	353	PKP	14	08.60	-6.6X
	0.8s	8.90nm				
HFS	145.20	350	ePKP	14	09.90	-6.1X
	0.6s	17.10nm				
KSP	153.18	340	iPKPd	14	33.00	4.4X
BRG	153.82	343	i(PKP)	14	34.30	4.8X
	S.D. = 1.5		on	9	of 13	obs.

• DEC 22, 1985 07h 01m 16.07± 3.04s
45.242 N ±25.0km 14.697 E ± 9.2km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 3.0 (TRI).

CEY	0.53	339	iPg	01	26.40	-0.4
	0.4s	433.00nm				
			iSg	01	35.70	
TRI	0.81	306	ePg	01	31.30	-0.4
			iSg	01	44.70	
LJU	0.81	352	ePg	01	32.00	0.2
	0.5s	380.00nm				
			i	01	32.70	
			eSg	01	44.30	
			e	03	12.00	
VOY	0.97	325	iPg	01	34.20	-0.4
			iSg	01	49.60	
ZAG	1.07	57	ePg	01	36.00	-0.2
			iSg	01	48.00	
			iSb	01	51.20	
			iSn	01	53.00	
KBA	2.06	333	iPnc	01	52.70	1.4
			iPg	01	56.60	
			iSn	02	19.70	
			iSg	02	24.90	
OGA	3.03	304	eP	02	13.80	8.7X
KHC	3.96	349	ePg	02	21.00	2.8X
			eSg	03	27.00	
	S.D. = 0.9		on	6	of 8	obs.

& DEC 22, 1985 07h 06m 10.90s
31.890 N 115.850 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.2 (PAS).

ENX	0.69	270	iPd	06	24.11	-0.7
			S	06	34.51	
PBX	0.75	258	iPd	06	25.19	-0.7
			S	06	36.48	
CBX	0.81	302	iPc	06	26.35	-0.6
			S	06	38.54	
BAR	1.05	319	iPc	06	30.00	-1.1
GLA	1.45	36	eP	06	34.80	-2.9
SDW	2.90	340	e(P)	07	03.00	4.4
	6 obs. assocloted					

DEC 22, 1985 07h 21m 22.26± 0.86s
41.979 N ± 7.4km 19.300 E ± 7.0km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)

ULC	0.04	248	iPgc	21	23.90	-0.5
			eSg	21	27.00	
TTG	0.45	356	ePg	21	31.40	0.0
			eSg	21	39.70	
BDV	0.46	311	ePg	21	31.50	-0.2
			eSg	21	40.70	
HCY	0.76	308	ePg	21	36.60	-0.5
			eSg	21	50.00	
PVY	0.79	39	ePg	21	37.00	-0.8
			eSg	21	49.50	
BRY	1.08	329	ePg	21	44.00	1.4
			eSg	22	02.00	
OHR	1.42	127	ePn	21	48.70	0.5
	S.D. = 0.9		on	7	of 7	obs.

• DEC 22, 1985 07h 39m 37.88± 0.51s
14.340 S ± 8.3km 166.398 E ±11.5km
DEPTH = 33.0km (normal)
4.1mb (2 obs.)
VANUATU ISLANDS (186)

PVC	3.85	152	eP	40	41.50	5.3X
			iS	41	36.50	
DZM	7.69	180	iPc	41	29.20	-1.3
			iS	42	58.80	
NOU	7.93	180	iPc	41	34.50	0.8
			iS	43	03.30	
SVO	8.25	308	eP	41	40.00	1.7
VSG	8.27	307	eP	41	37.00	-1.5
CTA	20.07	251	iPd	44	12.10	0.7
	0.9s	5.46nm			3.9mb	
			iS	48	05.00	
KRP	24.85	163	eP	44	59.00	0.3
WRA	31.10	255	eP	45	54.40	-1.3
MUN	48.92	240	eP	48	23.00	0.0
SPA	75.75	180	iPd	51	23.00	1.0
	0.9s	2.73nm			4.2mb	
COL	86.24	18	eP	52	16.00	-1.0
SOB1	144.22	129	ePKP	59	09.60	-3.5X
SSF	144.38	340	ePKP	59	13.60	1.2
	0.8s	5.90nm				
LPG	144.50	335	ePKP	59	12.40	-0.6
	0.8s	5.30nm				
BGF	145.04	340	ePKP	59	12.50	-1.0
	1.0s	16.80nm				
MZF	145.43	340	ePKP	59	13.40	-0.8
	0.8s	5.30nm				
TCF	145.49	341	ePKP	59	14.20	-0.2
	1.0s	10.80nm				
LSF	145.74	341	ePKP	59	15.80	1.0
	1.2s	30.90nm				
FRF	146.10	333	ePKP	59	15.90	0.5
	0.8s	10.70nm				
ITR	146.34	132	ePKP	59	16.00	-0.7
LMR	146.35	333	ePKP	59	17.30	1.5
	1.0s	12.00nm				
BNG	146.84	256	iPKPd	59	19.50	2.0X
	0.8s	21.00nm				
			id	59	31.00	
	S.D. = 1.1		on	19	of 22	obs.

• DEC 22, 1985 08h 01m 01.33± 0.76s
50.214 N ± 6.9km 12.442 E ± 7.1km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.68	310	ePg	01	14.50	-0.4
			eSg	01	23.00	
GRF	0.95	237	ePgc	01	19.60	0.2
			eSg	01	32.20	
			eLg	01	34.60	
CLL	1.15	18	iPg	01	23.30	0.4
			eSg	01	38.00	
BRG	1.17	55	iPg	01	22.90	-0.2
			iSg	01	38.60	
KHC	1.31	145	ePg	01	25.50	-0.1
			Sg	01	42.90	
	S.D. = 0.5		on	5	of 5	obs.

DEC 22, 1985 08h 02m 30.20± 0.67s
50.232 N ± 6.5km 12.436 E ± 6.1km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.2 (GRF).

MOX	0.67	309	ePg	02	43.00	-0.5
			iSg	02	52.00	
GRF	0.95	236	iPgc	02	48.80	0.5
			eSg	03	01.30	
			eLg	03	03.80	
CLL	1.14	18	iPg	02	51.70	0.2
			iSg	03	07.30	
BRG	1.16	56	iPg	02	52.10	0.3
			iSg	03	07.00	
KHC	1.33	146	iPg	02	54.50	-0.2
			Sg	03	12.00	
PRU	1.38	99	ePg	02	55.20	-0.2
			eSg	03	13.50	
	S.D. = 0.5		on	6	of 6	obs.

DEC 22, 1985 08h 02m 59.68± 0.63s
64.538 N ± 6.6km 149.430 W ± 6.7km
DEPTH = 33.0km (normal)
CENTRAL ALASKA (1)
ML 4.0 (PMR). Felt (IV) at
Nenono and (III) at Fairbanks.

COL	0.79	62	iPd	03	14.80	0.4
FBA	0.79	62	eP	03	14.40	0.0
IMA	2.35	313	eP	03	38.10	1.1
TOA	2.85	148	eP	03	44.80	0.9
PWA	2.91	184	eP	03	44.10	-0.5
PME	2.93	176	eP	03	44.80	-0.1
PMS	3.31	181	eP	03	50.50	0.1
TTA	3.34	244	eP	03	50.00	-0.9
DWY	4.38	92	P	04	04.90	-0.7
			e	04	19.90	
			Lg	05	27.90	
INK	7.40	52	eP	04	46.00	-2.0
YKA	15.55	82	eP	06	38.90	1.2
EDM	21.47	105	ePd	07	47.50	0.5
	S.D. = 1.0		on	12	of 12	obs.

• DEC 22, 1985 08h 11m 31.47± 0.96s
13.591 S ± 8.7km 167.034 E ±15.8km
DEPTH = 33.0km (normal)
4.2mb (2 obs.)
VANUATU ISLANDS (186)

HNR	8.08	300	eP	13	25.00	-4.5X
SVO	8.34	301	eP	13	38.00	4.9X
VSG	8.37	300	eP	13	33.00	-0.6
DZM	8.45	184	iPc	13	33.50	-1.2
			iS	15	06.80	
NOU	8.69	184	iPc	13	38.50	0.6
			iS	15	10.50	
BRS	19.13	222	P	15	56.20	1.5
CTA	20.90	249	iPc	16	13.10	-0.5
	0.9s	7.56nm			4.1mb	
			i	16	25.00	
RMQ	21.40	230	eP	16	19.00	0.3
CMS	26.39	224	eP	17	06.00	-0.8
WRA	31.90	254	eP	17	52.00	-4.3X
KMI	73.52	302	Pc	23	04.00	0.5
SPA	76.50	180	iPd	23	19.00	-0.8
	1.0s	3.50nm			4.3mb	
PKI	88.96	299	eP	24	24.60	-0.4
	1.0s	22.00nm			5.4mb	X
KKN	89.13	299	eP	24	25.40	-0.2
	0.8s	13.00nm			5.3mb	X
DMN	89.22	299	eP	24	26.20	0.1
	0.9s	35.00nm			5.7mb	X
BNG	147.61	257	iPKPc	31	13.80	1.4

0.8s 50.00nm
ic 31 28.00
ic 31 33.00
S.D. = 0.9 on 13 of 16 obs.

DEC 22, 1985 08h 41m 21.82± 0.65s
50.251 N ± 6.2km 12.449 E ± 5.8km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.1 (GRF).

MOX	0.66	307	ePg	41	35.00	0.0
			iSg	41	44.00	
GRF	0.97	235	iPgc	41	40.30	0.0
			eSg	41	52.80	
			eLg	41	55.00	
CLL	1.12	18	i(Pg)	41	42.80	0.0
			iSg	41	56.10	
BRG	1.14	56	iPg	41	43.10	0.0
			iSg	41	58.80	
KHC	1.34	146	iPg	41	46.50	0.0
			Sg	42	03.40	
PRU	1.37	100	Pg	41	47.00	0.0
			eSg	42	04.00	

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

DEC 22, 1985 09h 10m 27.11± 0.32s
14.243 S ± 5.5km 166.500 E ± 7.9km
DEPTH = 33.0km (normal)
4.8mb (6 obs.)
VANUATU ISLANDS (186)

PVC	3.89	154	iPc	11	31.50	5.5X
			iS	12	26.50	
DZM	7.79	180	iPc	12	19.60	-1.5
			iS	13	48.50	
HNR	8.00	306	eP	12	24.00	0.0
NOU	8.02	180	iPc	12	23.50	-0.8
			iS	13	53.10	
SVO	8.27	307	eP	12	27.00	-0.8
VSG	8.29	306	eP	12	27.00	-1.1
BRS	18.30	222	P	14	46.60	6.4X
PMG	19.53	282	eP	14	59.50	4.5X
CTA	20.19	250	iPd	15	01.60	-0.4
	1.2s	42.19nm			4.7mb	
			iS	18	48.00	
RMO	20.59	231	iPd	15	06.80	0.8
COO	21.10	217	eP	15	12.00	0.8
KRP	24.91	163	P	15	49.80	1.2
			e	15	55.00	
			i	15	58.70	
YOU	25.82	216	eP	15	58.30	1.2
CAN	26.24	214	eP	16	11.00	9.9X
GNZ	26.35	159	P	16	12.00	10.0X
MNG	27.42	165	P	16	12.00	0.2
MSZ	30.35	178	eP	16	41.30	3.3X
WRA	31.22	255	eP	16	43.10	-2.9X
ASPA	32.16	248	eP	16	53.00	-1.2
MUN	49.06	240	eP	19	12.00	-1.2
MAT	57.13	333	eP	20	11.00	-2.0
	1.0s	15.00nm			5.0mb	
CN2	68.85	329	P	21	30.20	-0.2
BJI	71.42	321	eP	21	47.00	0.8
TIY	72.40	318	eP	21	53.40	1.2
XAN	72.81	313	eP	21	54.00	-0.6
KMI	73.42	302	Pc	22	00.00	1.4
HHC	74.73	320	eP	22	06.90	1.2
CD2	75.12	308	eP	22	09.20	1.1
SPA	75.85	180	ePd	22	12.80	1.0
	1.0s	8.33nm			4.7mb	
LZH	77.44	313	eP	22	22.50	1.3
GTA	81.80	314	P	22	46.00	1.5
SHL	82.68	299	eP	22	51.30	1.9X
COL	86.12	18	eP	23	05.00	-0.7
	0.8s	15.67nm			5.3mb	
KKN	88.98	299	eP	23	21.20	0.6
	0.8s	7.00nm			5.0mb	
DMN	89.08	299	eP	23	22.00	0.9
EUR	89.59	49	iP	23	23.00	-0.2
	0.6s	1.03nm			4.3mb	
YKA	97.46	27	eP	23	58.90	0.5
SUF	124.13	339	ePKP	29	24.00	0.6
SOB1	144.20	129	ePKP	30	01.20	-1.1
LPG	144.45	335	ePKP	30	01.40	-0.8
	1.1s	10.70nm				
SMF	144.58	339	ePKP	30	00.80	-1.2
	1.2s	35.70nm				
AVF	144.62	340	ePKP	30	00.80	-1.2
	1.0s	14.00nm				
BGF	144.99	340	ePKP	30	03.30	0.6
	0.8s	14.70nm				
MZF	145.37	340	ePKP	30	02.60	-0.8
	1.2s	29.70nm				
TCF	145.43	341	ePKP	30	03.90	0.4
	1.0s	24.80nm				
LSF	145.68	341	ePKP	30	04.40	0.5
	1.0s	22.80nm				
FRF	146.06	333	ePKP	30	03.10	-1.5
	1.0s	24.00nm				
LRG	146.27	334	ePKP	30	04.00	-0.9
	1.2s	32.10nm				
LMR	146.30	333	ePKP	30	03.80	-1.2
	0.9s	16.30nm				
ITR	146.33	131	ePKP	30	06.50	0.6
RJF	146.53	341	ePKP	30	07.00	1.7X
	1.0s	20.00nm				
CAF	146.68	340	ePKP	30	06.50	0.9
	1.1s	18.00nm				
BNG	146.96	256	iPKPd	30	09.40	2.5X
	0.7s	36.00nm				
			id	30	22.00	
			id	30	35.10	
			id	31	24.00	
LPO	147.19	341	ePKP	30	08.70	2.3X
	1.0s	13.60nm				
EPF	148.94	340	ePKP	30	13.30	4.0X
	1.0s	8.00nm				

S.D. = 1.0 on 43 of 55 obs.

DEC 22, 1985 09h 11m 17.82± 0.46s
50.225 N ± 4.6km 12.439 E ± 4.9km
DEPTH = 13.5 ± 5.0 km
GERMANY (543)
ML 3.4 (FUR), 3.4 (GRF), 3.4 (K8A), 3.7 (VKA).

HOF	0.37	284	iPgd	11	25.10	-0.6
MOX	0.67	309	iPg	11	31.00	0.1
			iSg	11	40.00	
GRF	0.95	236	iPgc	11	35.80	0.2
			eSg	11	48.30	
			eLg	11	50.60	
WET	1.12	165	iPgd	11	38.30	-0.2
CLL	1.14	18	iPg	11	38.80	-0.1
			iSg	11	54.60	
BRG	1.16	55	iPgc	11	38.90	-0.3
			iSg	11	53.60	
KHC	1.32	146	iPg	11	41.50	-0.4
			iSg	11	58.50	
PRU	1.37	99	iPg	11	42.50	-0.1
			Sg	12	00.00	
FUR	2.20	201	iPgc	12	01.00	6.5X
KSP	2.54	74	iP	12	04.00	4.8X
			iS	12	37.00	
TNS	2.56	271	ePb	12	06.70	7.0X
			eSg	12	38.50	
KBA	3.21	169	iPnd	12	08.80	-0.2
			iSg	13	01.10	
VKA	3.21	126	i(Pn)	12	09.20	0.4
			iSg	13	01.30	
GWF	3.37	250	eP	12	20.00	8.8X
			eS	13	04.00	
WLF	4.10	265	Pg	12	41.10	19.8X
			e	13	27.60	
MEM	4.13	278	eP	13	24.40	62.6X
ENN	4.19	280	ePg	12	34.00	11.2X
	0.6s	8.00nm				
			eSg	13	12.50	
DOU	5.04	272	Pg	12	45.00	10.2X
SKO	10.35	139	eP	14	37.00	48.2X

S.D. = 0.3 on 10 of 19 obs.

DEC 22, 1985 09h 19m 14.43± 0.61s
5.881 S ± 9.1km 150.526 E ± 7.4km
DEPTH = 33.0km (normal)
NEW BRITAIN REGION (192)

BIAL	0.77	43	iPd	19	28.50	-0.4
RAB	2.35	44	iPd	19	52.00	0.5
	0.6s	160.00nm				
			iS	20	27.00	
ALOA	4.39	182	e(P)	20	28.00	7.5X
BGA	4.64	94	eP	20	24.00	-0.1
MDG	4.77	277	eP	20	26.00	0.2
PMG	4.84	223	eP	20	27.60	0.7
PAA	4.96	95	eP	20	17.00	-11.6X
CTA	14.72	196	iPc	22	49.50	7.3X
RMO	20.56	185	iPd	23	53.60	0.5
WRA	21.05	227	eP	23	56.70	-1.4
DZM	22.27	138	iPc	24	10.40	0.0

S.D. = 0.8 on 8 of 11 obs.

& DEC 22, 1985 09h 43m 00.95s
59.090 N 153.231 W
DEPTH = 65.5km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	1.12	11	iP	43	20.61	-0.4
			iS	43	35.76	
NNL	1.37	45	iP	43	24.89	0.4
BRLK	1.38	60	iP	43	23.40	-1.1
			iS	43	42.31	
KDC	1.40	164	iP	43	23.76	-1.0
			iS	43	41.34	
RDT	1.55	15	iP	43	26.25	-0.6
			iS	43	45.66	
NKA	1.94	30	eP	43	33.26	1.1
SLKM	2.08	46	eP	43	32.77	-1.5
SEW	2.18	61	eP	43	33.67	-1.8
			iS	43	57.54	
SPU	2.18	15	iP	43	35.02	-0.6
CRP	2.25	13	iP	43	36.39	-0.3
MPA	2.41	53	eP	43	37.21	-1.5
			iS	44	04.58	
SUA	2.68	26	iP	43	42.03	-0.7
PTE	2.76	48	eP	43	41.93	-1.8
			iS	44	13.02	
PMS	2.84	39	iP	43	43.50	-1.3
MTU	2.98	70	eP	43	44.69	-2.1
			iS	44	16.56	
SKT	3.02	15	iP	43	46.12	-1.3
PWL	3.03	52	iP	43	45.33	-2.3
			iS	44	17.61	
KNIM	3.06	63	eP	43	44.94	-3.0
PWA	3.06	32	eP	43	46.78	-1.1
GHO	3.43	37	eP	43	50.97	-2.3
SML	3.65	40	eP	43	53.71	-2.5
FID	3.78	61	eP	43	54.15	-4.0
			eS	44	33.49	
VZW	3.88	57	eP	43	56.55	-3.0
			eS	44	37.77	
SCM	4.01	44	eP	43	59.22	-2.2
VLZ	4.01	56	eP	43	58.46	-2.8
KLU	4.36	53	iP	44	03.37	-3.0

26 obs. associated

DEC 22, 1985 10h 14m 53.54± 0.39s
12.511 N ± 6.4km 142.859 E ± 7.5km
DEPTH = 33.0km (normal)
5.1mb (5 obs.) 4.5Msz (1 obs.)
SOUTH OF MARIANA ISLANDS (210)

GUMO	2.23	61	eP	15	29.10	0.2
PJG	2.23	61	eP	15	29.10	0.2
GUA	2.25	63	eP	15	29.30	0.1
			eS	15	57.00	
MAN	21.28	278	eP	19	40.00	0.5
PMG	22.19	169	eP	19	48.00	-0.7
ALOA	23.86	161	eP	20	07.00	2.0
MAT	24.29	351	eP	20	07.00	-2.1
	1.4s	41.86nm			4.8mb	
Z	20s	1.60um			4.5Msz	
			eS	24	32.00	
SSE	27.24	316	eP	20	34.00	-2.6
N	24s	2.20um				
E	24s	2.20um				
			eS	25	14.00	
KNA	31.35	207	eP	21	09.50	-4.0X
CTA	32.57	174	iPd	21	24.00	-0.1
	1.2s	37.50nm			5.2mb	
			iS	26	38.00	
TIA	33.07	320	eP	21	35.50	7.2X
WB2	33.32	195	eP	21	29.10	-1.6
			eS	26	06.00	
WRA	33.32	195	eP	21	29.10	-1.6
BJI	36.12	324	eP	21	54.50	0.1
TIY	36.97	318	P	22	03.40	1.7
ASPA	37.01	194	eP	22	01.00	-1.1
XAN	37.56	310	eP	22	07.30	0.6
CD2	40.41	303	eP	22	32.20	1.7

22d 10h

BRS	40.81	166	P	22 34.40	0.6
			eS	28 44.00	
DZM	41.43	146	iPc	22 38.70	-0.2
NOU	41.62	146	iPc	22 40.80	0.4
MEK	45.51	211	eP	23 04.80	-7.1X
GTA	46.45	313	P	23 20.80	1.4
YOU	46.82	174	eP	23 27.20	5.1X
CAN	47.92	173	eP	23 32.50	1.7
WAM	48.77	174	eP	23 37.30	0.0
MRWA	48.93	212	eP	23 32.50	-6.1X
MUN	51.07	209	eP	23 55.00	0.0
PMO	73.80	110	eP	26 36.00	9.0X
	1.2s	30.00nm		5.2mb	
TPT	74.04	110	eP	26 38.00	9.6X
	1.2s	35.00nm		5.2mb	
RUV	74.32	110	eP	26 39.00	8.9X
	1.2s	25.00nm		5.1mb	
INK	76.10	22	eP	26 40.00	0.6
IR2	84.39	305	(P)	27 32.00	7.6X
SBB	90.48	54	eP	27 54.00	0.3
GSC	91.12	54	eP	28 10.00	13.3X
PLM	91.64	55	eP	27 57.00	-2.1
TPC	92.05	55	eP	28 01.00	0.0
GLA	93.33	55	eP	28 01.00	-5.9X
MEM	106.74	333	PKP	33 04.00	-13.0X
DOU	107.74	333	PKP	33 05.80	-13.2X
GRC	110.48	332	iPKPd	33 21.70	-2.5X
ZOBO	149.77	101	PKP	34 41.50	3.1X
			LR	24 40.00	
LPB	149.78	101	PKP	34 44.00	5.8X
CNCB	149.88	102	PKP	34 45.00	6.5X
SLA	150.58	118	ePKPc	34 45.20	6.3X
TPZ	151.30	112	PKP	34 48.00	7.7X
	S.D. = 1.3	on	27 of	46 obs.	

DEC 22, 1985 10h 21m 25.35± 0.74s
43.919 N ± 6.5km 140.568 E ± 6.8km
DEPTH = 210.6 ± 8.1 km
4.7mb (22 obs.)
HOKKAIDO, JAPAN REGION (224)

OBI	2.18	116	eP	22 09.00	1.8
			eS	22 42.00	
MAT	7.59	195	iPd	23 14.40	0.4
	0.5s	31.69nm		4.7mb	
			eS	24 38.00	
TSK	7.71	183	eP	23 13.00	-2.6
MDJ	7.91	279	Pc	23 18.50	0.2
DDR	7.98	188	eP	23 18.40	-0.9
OYM	8.55	187	eP	23 24.60	-2.1
KYS	8.72	182	eP	23 30.20	1.4
CN2	10.92	275	Pc	23 56.30	-0.7
SHK	11.19	216	eP	24 02.10	1.7
SNY	12.64	266	iPd	24 19.80	1.1
BJI	18.52	266	eP	25 26.50	-1.3
TIA	19.48	255	eP	25 35.50	-2.1
SSE	19.95	237	eP	25 45.50	3.3X
NJ2	20.75	242	Pd	25 49.00	-1.2
WHN	24.66	246	iPd	26 28.20	0.6
XAN	26.37	259	eP	26 43.00	-0.3
GTA	30.55	276	P	27 20.80	0.2
CD2	31.72	258	eP	27 30.50	-0.2
WMQ	37.57	289	P	28 21.00	0.7
LSA	41.43	267	eP	28 52.00	-0.7
LOE	42.02	243	eP	28 58.00	1.1
CHG	42.84	248	iPc	29 04.60	1.0
	0.8s	22.01nm		4.7mb	
KKN	46.75	269	eP	29 35.20	0.3
	0.5s	21.00nm		4.8mb	
PKI	46.79	269	eP	29 35.30	0.0
	0.6s	17.00nm		4.6mb	
DMN	46.98	269	eP	29 36.90	0.2
	0.6s	8.00nm		4.3mb	
INK	48.64	30	eP	29 48.00	-0.5
NDI	52.06	275	eP	30 17.00	2.1
PSI	55.13	234	eP	30 38.00	0.6
KEV	56.81	338	eP	30 49.00	0.3
SOD	58.41	335	iP	30 58.50	-1.3
KJF	60.09	332	iP	31 10.00	-1.3
	0.7s	25.40nm		5.0mb	
SUF	61.59	332	iP	31 20.10	-1.3
	0.3s	10.60nm		5.1mb	
NUR	63.62	330	iP	31 32.80	-1.9
	0.5s	23.00nm		5.2mb	
W82	63.80	187	eP	31 35.80	-0.5
			e	32 21.20	
WRA	63.80	187	eP	31 35.80	-0.5
HFS	67.58	334	eP	31 58.70	-1.2
	0.3s	8.20nm		4.9mb	
NB2	67.62	336	P	31 58.70	-1.5
	0.9s	18.50nm		4.8mb	
FRB	70.23	13	eP	32 15.00	-1.0
WBN	70.89	193	iPc	32 22.40	2.0
	0.4s	5.00nm		4.6mb	
KRA	73.07	325	iPc	32 33.30	0.3
	0.3s	99.00nm		6.0mb X	
			i	32 34.30	
KSP	73.95	327	iPc	32 39.00	0.9
BRG	74.83	328	iP	32 44.20	1.1
			i	32 53.00	
PRU	75.31	327	Pd	32 46.60	0.7
			e	32 47.40	
SRO	75.48	324	iP	32 58.90	12.0X
			e	03 14.50	
			e	05 06.60	
MOX	75.89	329	eP	32 50.00	0.9
KHC	76.37	327	iP	32 52.70	0.8
GRF	76.82	329	eP	32 55.40	1.1
KBA	78.12	326	iPc	33 02.70	1.0
	0.5s	5.60nm		4.5mb	
CDF	79.32	330	eP	33 08.00	0.0
	0.8s	5.30nm		4.3mb	
LOR	81.49	332	eP	33 19.20	-0.1
	0.6s	7.20nm		4.6mb	
LBF	81.70	332	eP	33 20.20	-0.2
	0.8s	6.70nm		4.4mb	
SSF	81.79	332	eP	33 20.90	0.0
	0.8s	3.20nm		4.1mb	
LPG	81.98	329	eP	33 23.60	1.3
	1.0s	12.00nm		4.6mb	
GRR	82.03	335	eP	33 21.30	-0.8
	0.8s	13.40nm		4.7mb	
SMF	82.04	332	eP	33 22.20	0.0
	0.6s	3.90nm		4.3mb	
AVF	82.08	332	eP	33 22.40	0.1
	0.8s	10.70nm		4.6mb	
LPF	82.40	335	eP	33 24.00	0.0
	1.0s	29.60nm		5.0mb	
MZF	82.84	332	eP	33 27.20	0.9
	0.6s	8.40nm		4.6mb	
ITR	144.97	358	ePKP	40 37.10	-1.2
SOB1	145.40	3	ePKP	40 39.70	0.6
	S.D. = 1.1	on	58 of	60 obs.	

% DEC 22, 1985 10h 59m 20.05± 1.00s
30.819 S ± 9.5km 117.062 E ±13.0km
DEPTH = 10.0km (geophysicist)
WESTERN AUSTRALIA (590)

BAL	0.37	305	iPd	59 27.70	0.0
			eS	59 33.00	
KLB	0.98	142	iPd	59 38.50	-0.1
			eS	59 51.00	
MUN	1.37	212	eP	59 45.00	-0.1
			iS	00 03.90	
MRWA	1.84	330	eP	59 52.00	0.0
			iS	00 16.10	
NWAO	2.11	176	eP	59 56.00	0.2
			eS	00 25.50	
	S.D. = 0.2	on	5 of	5 obs.	

DEC 22, 1985 11h 01m 50.21± 0.51s
42.291 N ± 5.9km 19.959 E ± 4.8km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 3.2 (TTG).

PVY	0.30	2	iPgc	01 55.50	-1.1
			eSg	02 01.30	
TTG	0.54	285	iPg	01 59.50	-1.5
			iSg	02 09.50	
IVA	0.58	356	ePg	02 00.50	-1.6
			eSg	02 09.30	
ULC	0.62	238	ePg	02 02.50	-0.2
			eSg	02 12.50	
BDV	0.84	270	ePg	02 06.00	-0.4
			eSg	02 20.20	
NKY	0.88	307	ePg	02 06.70	-0.5
			eSg	02 21.50	
HCY	1.09	279	iPgc	02 10.30	-0.5
			eSg	02 27.50	
SKO	1.15	106	iPn	02 10.50	-1.2
			i	02 12.00	
			iSn	02 28.00	
BRY	1.21	301	ePg	02 12.00	-0.8
			eSg	02 31.00	
OHR	1.34	152	iPn	02 13.50	-1.4
			iSn	02 32.20	
VAY	2.18	116	iPn	02 28.00	1.0
KZN	2.41	145	ePb	02 31.50	1.2
			eSn	03 03.50	
			eSb	03 10.00	
VTS	2.42	82	iP	02 31.00	0.6
MMB	2.90	103	iPd	02 45.00	7.7X
			iS	03 26.00	
PVL	3.93	76	eP	03 02.00	10.1X
KDZ	4.07	97	iP	03 08.00	14.1X
			iS	04 03.00	
VLS	4.14	173	ePb	03 04.00	9.2X
DIM	4.19	91	eP	03 13.00	17.5X
CEY	5.27	313	ePn	03 12.40	1.5
	2.0s	207.00nm		5.4mb X	
			eSn	04 16.90	
MLR	5.38	51	ePd	03 15.00	2.4X
LJU	5.41	316	ePn	03 14.30	1.4
	1.5s	320.00nm		5.7mb X	
			eSn	04 18.70	
TRI	5.62	310	ePn	03 16.90	1.0
			iSn	04 21.90	
			iSg	04 54.50	
VOY	5.75	313	iPn	03 18.70	1.0
			eSn	04 26.00	
KBA	6.72	318	iPnc	03 32.90	1.4
			iSn	04 57.20	
KHC	8.17	329	P	03 54.60	3.0X
	S.D. = 1.2	on	18 of	25 obs.	

DEC 22, 1985 11h 13m 57.81± 0.50s
42.340 N ± 5.7km 19.912 E ± 4.0km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 2.7 (TTG).

PVY	0.26	10	ePg	14 02.80	-0.5
			eSg	14 07.20	
TTG	0.49	281	ePg	14 07.00	-0.8
			eSg	14 17.20	
ULC	0.62	233	ePg	14 10.00	-0.3
			eSg	14 19.00	
BDV	0.81	266	ePg	14 13.60	0.1
			eSg	14 27.50	
NKY	0.82	305	ePg	14 14.50	0.7
			eSg	14 27.50	
HCY	1.05	276	ePg	14 18.00	0.4
			eSg	14 35.00	
BRY	1.15	299	ePg	14 19.70	0.2
			eSg	14 38.00	
SKO	1.19	107	iPn	14 20.00	-0.1
OHR	1.40	151	ePn	14 23.00	-0.4
VAY	2.23	116	ePn	14 36.00	0.6
	S.D. = 0.6	on	10 of	10 obs.	

• DEC 22, 1985 11h 50m 32.11± 0.57s
33.411 S ±10.2km 179.299 W ±12.1km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
SOUTH OF KERMADEC ISLANDS (179)

GNZ	5.66	202	P	51 57.00	1.0
			S	52 58.00	
KRP	6.16	222	eP	52 05.00	1.9
			eS	53 26.00	
MNG	8.32	209	P	52 32.00	-1.3
			S	54 02.00	
NOU	16.74	308	iPd	54 30.50	4.8X
DZM	16.92	308	iPc	54 30.10	2.1
ASPA	41.95	271	eP	58 21.00	-0.6
WRA	43.21	276	Pc	58 30.40	-1.5
	0.7s	10.60nm		4.7mb	
WBN	47.10	264	eP	59 01.00	-1.9
SPA	56.77	180	iPc	00 15.80	0.6
	1.0s	10.00nm		4.8mb	
MWC	88.47	47	eP	03 23.00	0.4
PLM	88.62	48	eP	03 23.00	-0.3
SBB	88.93	46	eP	03 19.00	-5.6X
ISA	89.20	45	eP	03 25.00	-0.8
TPC	89.63	48	eP	03 28.00	0.1
GLA	89.70	49	eP	03 29.00	0.8
YKA	108.63	26	ePKP	08 59.20	0.9
KJF	144.97	340	ePKP	10 04.00	-2.6X
SUF	146.56	339	ePKP	10 07.00	-2.3X

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        0.4s      8.10nm
BNG   146.71 214 iPKPc 10 09.50   -1.6
        0.4s      6.00nm
                   id    10 32.00
NUR   148.70 337 ePKP  10 13.00    0.2
NB2   151.52 349 PKP   10 20.30    3.2X
        0.7s      9.20nm
HFS   151.93 346 ePKP  10 21.10    3.4X
        0.7s      8.20nm
KIC   152.61 168 ePKP  10 26.00    6.0X
      S.D. = 1.3  on  16 of  23 obs.

    DEC 22, 1985  12h 20m 19.77± 0.67s
    50.237 N ± 6.5km   12.425 E ± 6.1km
    DEPTH =  10.0km  (geophysicist)
 GERMANY                              (543)

MOX      0.66 309 ePg    20 32.50   -0.4
                 iSg    20 42.00
GRF      0.95 235 ePg    20 38.30    0.4
                 eSg    20 50.60
                 eLg    20 53.10
CLL      1.14  19 iPg    20 41.30    0.3
                 eSg    20 56.00
BRG      1.16  56 iPg    20 41.40   -0.1
                 iSg    20 56.70
KHC      1.34 145 Pg     20 44.00   -0.4
                 Sg     21 01.50
PRU      1.39 100 Pg     20 45.30    0.2
                 Sg     21 03.00
      S.D. = 0.5  on   6 of   6 obs.

*   DEC 22, 1985  13h 59m 30.41± 4.91s
    2.361 N ±12.7km  128.408 E ±19.0km
    DEPTH = 101.3 ± 48.5 km
    4.8mb (  2 obs.)
 HALMAHERA                            (267)

KNA      18.00 179 eP    03 36.00    0 4
WRA      22.92 166 eP    04 26.30   -0.2
ASPA     26.42 169 eP    04 58.00   -1 5
MAT      35.20  14 iPc   06 16.40   -0.3
        0.7s     10.27nm          4.9mb
STK      36.28 161 eP    06 25.00   -0.8
YOU      41.00 154 eP    07 05.70    0.6
CAN      42.16 155 eP    07 15.50    1.0
WAM      42.85 155 eP    07 20.60    0.5
PKI      48.12 306 eP    08 02.50   -0.1
KKN      48.32 306 eP    08 03.90    0.0
        0.4s      6.00nm          4.8mb
DMN      48.38 306 eP    08 04.80    0.3
      S.D. = 0.8  on  11 of  11 obs.

    DEC 22, 1985  14h 39m 57.30± 1.04s
    32.106 S ± 4.5km   71.890 W ±11.4km
    DEPTH =  33.0km  (normal)
 NEAR COAST OF CENTRAL CHILE          (135)

ROCH     1.14 140 iPd    40 16.50   -0.7
JACH     1.24 118 iPc    40 17.00   -1 5
PEL      1.45 136 iPc    40 21.50    0.0
                 iS     40 42.50
SAN      1.70 143 iP     40 26.00    1.0
                 iS     40 49.40
BACH     1.71 137 iPc    40 25.00   -0.3
                 iS     40 49.00
PCH      1.90 143 eP     40 28.00   -0.1
CHCH     2.10 151 iP     40 31.50    0.6
                 i      40 59.00
RTCB     2.70  78 ePc    40 39.80    0.3
ZON      2.79  79 eP     40 42.00    1.4
RTCV     2.86  86 e(P)   40 41.80    0.2
RTLL     3.02  76 ePd    40 43.30   -0.6
                 S      41 25.90
CFA      3.15  82 ePd    40 46.30    0.6
                 S      41 26.40
RFA      3.91 134 ePd    40 56.50    0.0
VCA      4.62  44 ePc    41 07.20    0.4
                 S      42 03.00
CYA      6.41  57 e(P)   41 28.00   -3.9X
                 S      42 40.00
ANT      8.47   9 eP     42 07.50    6.9X
SLA      9.26  39 e(P)   42 10.00   -1.7
CNCB    15.64  14 P      43 38.00    0.6
LPB     15.88  13 eP     43 41.00    0.5
ZOBO    16.13  13 P      43 43.20   -0.6
                 LR     50 52.00

BDF     27.27  59 e(P)   45 32.10   -8.7X
      S.D. = 0.8  on  18 of  21 obs.

    DEC 22, 1985  16h 59m 16.27± 0.67s
    42.208 N ± 6.0km   19.273 E ± 6.0km
    DEPTH =  10.0km  (geophysicist)
 YUGOSLAVIA                           (383)
      DUR 2.6 (TTG).

TTG      0.22 358 iPg    59 21.40    0.4
                 iSg    59 26.00
ULC      0.25 184 iPgc   59 21.00   -0.5
                 eSg    59 25.30
BDV      0.34 283 iPg    59 23.40    0.1
                 iSg    59 30.50
HCY      0.62 293 iPg    59 28.50   -0.3
                 eSg    59 38.20
PVY      0.65  53 ePg    59 28.00   -1.3
                 eSg    59 38.50
IVA      0.81  35 ePg    59 31.50   -0.5
                 eSg    59 43.50
OHR      1.58 133 iPn    59 45.30    0.8
SKO      1.63  98 iPn    59 47.00    1.9X
VAY      2.62 109 ePn    00 02.30    2.9X
CLO      3.84  41 iP     00 18.00    1.3
      S.D. = 1.0  on   8 of  10 obs.

    DEC 22, 1985  17h 12m 46.04± 0.82s
    12.470 N ±12.8km  142.831 E ±11.7km
    DEPTH =  33.0km  (normal)
    4.5mb (  2 obs.)
 SOUTH OF MARIANA ISLANDS             (210)

GUMO     2.27  61 eP     13 22.40    0.4
PJG      2.27  61 eP     13 22.10    0.1
GUA      2.29  62 eP     12 31.60  -50.7X
                 eS     13 48.00
MAT     24.33 351 eP     18 00.00   -1.9
CTA     32.53 174 iPd    19 17.40    1.1
        1.0s     10.00nm          4.7mb
WRA     33.28 195 Pc     19 21.10   -1.7
        0.8s      3.80nm          4.4mb
TIY     36.98 318 eP     19 55.40    1.1
BTO     40.17 320 eP     20 28.00    7.0X
CD2     40.41 303 eP     20 24.40    1.4
GTA     46.46 313 eP     21 11.50   -0.4
WMO     56.48 315 eP     22 20.20   -7.2X
      S.D. = 1.5  on   8 of  11 obs.

    DEC 22, 1985  17h 13m 26.93± 0.64s
    15.572 S ± 7.0km   178.448 W ± 4.5km
    DEPTH =  17.8 ±  4.8 km
    5.6mb ( 31 obs.)  5.7Msz (  8 obs.)
 FIJI ISLANDS REGION                  (181)
      Ms 6.0 (BRK).
      CENTROID, MOMENT TENSOR         (HRV)
      Data Used: GDSN
      L.P.B.: 19S, 41C
      Centroid Location:
      Origin Time          17:13:32.7 0.2
      Lat 15.55S  FIX;Lon 178.54W  FIX
      Dep  10.0 FIX Half-duration  4.0
      Moment Tensor; Scale 10**24 D-CM
        Mrr=-1.49 0.16  Mtt=-7.27 0.25
        Mff= 8.76 0.25  Mrt=-0.71 0.51
        Mrf=-4.67 0.61  Mtf= 9.44 0.18
      Principal Axes:
        T  Val= 14.43  Plg=16  Azm=114
        N       -2.61      72      322
        P      -11.82       8      206
      Best Double Couple:Mo=1.3*10**25
       NP1:Strike=251 Dip=73 Slip=   6
       NP2:        159     84      163

NDE      2.37 245 eP     14 06.00    0.3
KRO      2.70 230 eP     14 09.80   -0.6
MBU      3.05 242 eP     14 15.70    0.4
VUN      3.82 230 ePc    14 26.00   -0.2
SVA      3.90 229 eP     14 27.70    0.5
NMS      4.09 232 eP     14 28.60   -1.5
NDF      4.49 241 eP     14 37.50    1.8
DZM     15.69 243 iPc    17 12.80    3.9X
NOU     15.77 243 iPc    17 14.00    4.1X
HNR     21.95 284 eP     18 22.00    0.5
                 e      22 24.00
KRP     22.89 192 P      18 33.00    2.3X
                 eS     22 53.00

GNZ     23.19 187 P      18 36.00    2.4X
WEL     26.29 192 P      19 03.00   -0.1
                 S      23 38.00
PAA     27.17 287 eP     19 13.00    1.5
BGA     27.51 287 eP     19 17.00    2.3X
BRS     29.17 241 P      19 30.00    0.4
                 iS     24 25.00
PMO     29.46  93 eP     19 32.00   -0.2
        1.2s     60.00nm          5.3mb
VAH     29.70  94 eP     19 34.00   -0.3
        1.2s     55.00nm          5.2mb
TPT     29.73  93 eP     19 34.00   -0.6
        1.2s     45.00nm          5.2mb
RUV     29.94  93 eP     19 36.00   -0.5
        1.2s     55.00nm          5.3mb
COO     30.98 236 eP     19 47.00    1.3
MSZ     31.22 199 P      19 47.00   -0.4
RMO     32.39 245 eP     20 00.00    2.0
RIV     32.88 231 e(P)   20 06.00    3.9X
CTA     33.86 257 iPd    20 10.90    0.1
        1.2s     67.19nm          5.4mb
                 iS     24 22.00
PMG     34.11 276 eP     20 11.00   -2.0
CAN     35.13 230 iPd    20 26.40    4.8X
                 i      20 44.00
YOU     35.16 232 iPd    20 27.00    5.1X
WAM     35.60 229 iPd    20 26.50    1.0
CMS     36.19 238 eP     20 30.00   -0.6
MDG     36.59 282 eP     20 34.00   -0.1
TOO     38.65 229 eP     20 55.00    3.8X
WEW     39.18 284 eP     20 59.00    3.2X
STK     39.77 239 eP     21 01.00    0.4
ADE     42.90 235 eP     21 00.00    3.7X
        1.2s     56.25nm          5.2mb
W82     45.05 257 eP     21 42.00   -1.9
                 e      23 38.80
WRA     45.06 257 Pc     21 42.00   -1.9
        1.3s     60.20nm          5.4mb
ASPA    45.43 252 eP     21 46.00   -0.9
WBN     52.11 249 eP     22 38.00   -0.6
        1.2s    122.00nm          5.7mb
AAI     53.77 277 ePc    22 50.80   -0.1
        1.3s    374.30nm          6.2mb
KUPT    56.61 268 eP     23 13.50    1.9
        1.0s    166.40nm          6.0mb
MBL     58.54 255 eP     23 23.00   -2.1
DAV     59.84 288 eP     23 33.00   -1.1
KLB     59.85 242 eP     23 33.00   -1.1
        1.2s    143.00nm          6.0mb
NWAO    60.29 241 eP     23 36.00   -1.1
        1.1s     65.00nm          5.7mb
                 eS     31 56.00
MUN     61.17 242 eP     23 41.00   -2.0
MKS     61.74 272 iPd    23 51.60    4.4X
MAT     66.03 323 eP     24 12.00   -2.8
      Z  1.7s     88.46nm          5.6mb
      Z  20s       4.79um          5.7Msz
                 eS     32 59.00
TRT     67.72 268 iPd    24 26.50    0.5
        1.1s     72.30nm          5.7mb
BAG     68.04 295 eP     24 27.80   -0.3
SHK     68.11 318 eP     24 35.40    7.4X
SSE     74.23 309 eP     25 15.00   10.1X
      Z  36s       8.40um          5.8MszX
      N  36s       4.70um
      E  36s       6.50um
                 S      34 36.00
                 ScS    35 22.00
                 SS     39 32.00
BLP     74.32  47 P      25 06.00    0.7
SPA     74.53 180 ePc    25 07.20    1.0
        0.8s     14.58nm          5.1mb
PCC     74.56  43 eP     25 05.60   -1.0
PRS     74.60  45 eP     25 07.20    0.3
SYP     74.60  47 eP     25 07.00   -0.1
NWRM    74.77  42 P      25 06.00   -1.8
BCH     74.87  46 P      25 09.20    0.6
BKS     74.87  43 eP     25 09.70    1.3
        1.2s     44.00nm          5.4mb
      Z  20s       8.00um          6.0Msz
      N  20s       4.30um
      E  20s       5.00um
                 e(PPS)35 36.00
                 eLQ    44 24.00
                 eLR    47 16.00
MHC     74.97  44 eP     25 09.40    0.2
PRI     74.97  45 eP     25 09.80    0.6
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22d 17h

PHAM	74.99	46	P	25	13.70	4.5X	LZH	89.44	308	P	26	31.50	7.0X	BGF	149.09	358	ePKP	33	19.50	8.0X
ARN	75.04	44	P	25	10.00	0.5	INK	89.65	15	eP	26	24.00	-0.6		1.2s		54.70nm			
GAS	75.56	41	P	25	11.40	-1.1	RSNT	92.23	25	eP	26	38.50	1.9	TCF	149.37	359	ePKP	33	20.30	8.4X
PAS	75.69	48	eP	25	13.00	-0.2		1.3s		29.03nm			5.5mb		1.3s		72.20nm			
			ePP	28	29.00		YKA	92.24	25	eP	26	39.70	3.1X	LSF	149.42	0	ePKP	33	20.10	8.1X
			eSKS	34	58.00		YKC	92.28	25	eP	26	39.00	2.2		1.4s		58.30nm			
			ePS	35	40.00			1.7s		77.00nm			5.8mb	MZF	149.44	359	ePKP	33	20.60	8.6X
			eSS	39	24.00		TUL	93.20	54	eP	26	41.80	0.2		1.6s		186.50nm			
			eSSS	43	08.00			1.5s		58.20nm			5.8mb	OHR	149.57	331	ePKP	33	20.00	7.6X
			eLg	44	44.00			Z 22s		9.15um			6.2Msz	LPG	149.85	353	ePKP	33	22.40	9.4X
			eLR	47	18.00		GTA	93.52	310	P	26	49.10	5.9X		1.2s		45.20nm			
MWC	75.81	48	eP	25	14.00	-0.1	RLO	93.87	54	eP	26	45.00	0.3	RJF	150.36	0	ePKP	33	22.80	9.4X
HKC	75.96	298	e(P)	25	32.00	17.0X	FFC	94.96	34	eP	26	51.00	1.7		1.2s		38.00nm			
BAR	76.05	50	eP	25	15.00	-0.4		1.7s		43.00nm			5.6mb	CAF	150.74	359	ePKP	33	24.00	10.0X
FRI	76.08	45	eP	25	15.30	0.0	FVM	97.89	53	eP	27	04.50	1.5		1.2s		33.90nm			
JAS1	76.10	44	iPd	25	15.50	0.0		1.0s		11.00nm			5.4mb	FRF	151.77	352	ePKP	33	25.50	9.9X
RVR	76.18	48	eP	25	15.00	-1.0	MBC	98.08	12	eP	27	07.00	4.0X		1.2s		38.00nm			
WDC	76.20	41	eP	25	16.10	0.2	ATB	123.60	105	e(PKP)	32	29.20	3.2X	LMR	152.01	352	ePKP	33	26.00	10.1X
SBB	76.20	48	eP	25	16.00	-0.2	SOB1	131.28	118	ePKP	32	43.10	2.4X		1.2s		23.80nm			
ISA	76.24	47	eP	25	16.00	-0.4	IR2	131.77	304	(PKP)	32	41.00	-0.2	CVF	152.37	348	ePKP	33	27.10	10.6X
PLM	76.24	49	eP	25	16.00	-0.6	NAI	141.35	247	ePKP	33	05.00	5.2X		1.0s		12.00nm			
MDJ	76.27	325	eP	25	15.80	-0.4	KRA	142.51	340	ePKP	33	18.30	17.8X	BNG	159.96	238	iPKPd	33	32.00	5.0X
ORV	76.28	42	eP	25	16.10	-0.4	SPC	143.16	339	ePKP	33	09.80	7.9X		1.2s		25.00nm			
MIN	76.65	41	eP	25	18.20	-0.5	BRG	143.40	347	ePKP	33	09.20	7.2X				id	34	12.70	
SDW	76.70	48	P	25	18.80	-0.3	WTS	143.42	355	ePKP	32	48.00	-13.9X				id	34	29.70	
CWC	76.91	46	eP	25	20.00	-0.3	MOX	144.08	349	e(PKP)	33	09.00	5.8X	KIC	168.96	145	ePKP	33	40.00	5.3X
TPC	77.20	49	eP	25	21.00	-0.7	PRU	144.09	346	ePKP	33	05.50	2.3X		S.D. = 1.1		on 111 of 197 obs.			
GSC	77.24	48	eP	25	22.00	0.0	PSZ	144.37	339	ePKP	33	02.20	-1.6X							
WCN	77.28	43	P	25	22.60	0.4	ENN	144.72	355	ePKP	32	56.00	-8.2X		DEC 22, 1985 17h 30m 56.66± 0.46s					
GLA	77.60	50	eP	25	26.00	2.0		1.6s		73.00nm					50.218 N ± 4.3km 12.442 E ± 4.3km					
MNA	77.88	44	eP	25	25.30	-0.2				e	33	06.00			DEPTH = 10.0km (geophysicist)					
CN2	78.16	322	Pc	25	25.60	-1.1	UCC	144.79	357	PKP	33	09.00	4.7X		GERMANY					(543)
SNY	78.19	220	eP	25	27.00	0.1	MEM	144.87	355	PKPc	33	07.80	3.4X		ML 3.2 (FUR), 3.2 (GRF), 3.2 (KBA).					
WHN	79.21	306	eP	25	35.00	2.2	SRO	144.99	340	iPKP	33	07.50	2.8X							
8MN	79.53	43	iP	25	34.50	0.0	ZST	145.03	342	iPKP	33	07.90	3.1X							
EUR	79.88	44	iP	25	36.00	-0.6	BUD	145.04	339	ePKP	33	07.60	2.8X	HOF	0.37	285	iPgd	31	04.30	-0.1
	0.4s		6.31nm			5.0mb	GRF	145.07	349	iPKPd	33	11.80	6.9X	MOX	0.68	309	iPg	31	10.00	-0.2
TTA	80.19	10	eP	25	36.70	-0.8	GRF	145.07	349	ePKP	33	08.60	3.7X				iSg	31	19.00	
PMR	80.35	14	P	25	37.10	-1.1	SNF	145.08	357	PKP	33	08.50	3.7X	GRF	0.95	237	iPgc	31	15.00	0.3
	1.6s		147.54nm			5.7mb	KHC	145.12	346	PKP	33	07.50	2.5X				eSg	31	27.40	
	Z 19s		2.16um			5.5Msz		1.3s		96.50nm							eLg	31	29.80	
PME	80.41	14	eP	25	37.60	-1.0	CRI	145.20	305	ePKP	33	06.00	0.4	WET	1.11	165	iPgc	31	17.40	-0.1
	1.5s		145.80nm			5.8mb	VKA	145.20	343	ePKPd	33	09.00	3.9X	CLL	1.15	18	iPg	31	18.10	-0.1
PPI	81.36	272	eP	25	45.70	1.1		1.5s		136.00nm							iSg	31	33.70	
			e	28	35.00		WET	145.26	347	iPKPc	33	08.10	2.9X	BRG	1.16	55	iPgc	31	18.50	0.1
MSU	82.02	46	P	25	48.50	0.7	JER	145.40	304	e(PKP)	33	06.50	0.4				iSg	31	33.50	
BJI	82.11	315	eP	25	48.00	0.1	DOU	145.48	357	PKPc	33	09.60	4.1X	KHC	1.31	145	iPg	31	20.60	-0.4
			eS	35	20.00		CLO	145.56	333	ePKP	33	10.00	4.2X				iSg	31	37.50	
			e	36	08.00		WLF	145.79	355	PKP	33	09.60	3.6X	PRU	1.37	99	Pg	31	22.00	0.2
DUG	82.35	45	P	25	49.60	0.2	PRNI	146.03	302	ePKP	33	08.00	0.9				Sg	31	39.90	
PNT	82.84	34	eP	25	51.00	-0.5	GWF	146.32	353	ePKP	33	12.40	5.4X	FUR	2.19	201	iPgc	31	40.10	6.4X
	1.2s		57.00nm			5.6mb	BHG	146.60	346	iPKPd	33	11.80	4.3X	KBA	3.20	169	iPnd	31	48.30	0.2
IMA	83.49	10	eP	25	54.60	-0.1	FLN	146.86	2	ePKP	33	12.70	4.9X				i	32	38.60	
FBA	83.55	13	eP	25	52.40	-2.4		1.2s		61.80nm							iSg	32	39.90	
	1.5s		399.30nm			6.4mb	CDF	146.91	353	ePKP	33	11.60	3.5X		S.D. = 0.2		on 9 of 10 obs.			
PSI	83.62	275	eP	25	58.00	1.7		1.4s		43.50nm										
NEW	83.66	36	eP	25	55.00	-0.8	LDF	147.04	2	ePKP	33	13.50	5.4X	•	DEC 22, 1985 17h 35m 07.66± 1.00s					
TIY	83.69	312	eP	26	00.70	4.5X		1.2s		41.60nm					50.195 N ± 8.2km 12.437 E ± 8.9km					
HPI	83.81	42	P	25	57.60	0.6	KBA	147.09	345	i(PKP)	33	13.70	5.2X		DEPTH = 10.0km (geophysicist)					
GYA	83.86	299	P	26	03.00	5.6X		1.2s		47.90nm					GERMANY					(543)
TMI	84.38	42	P	26	01.20	1.4	GRR	147.22	3	ePKP	33	14.30	5.9X							
ALQ	84.68	52	eP	26	01.50	0.1		1.4s		60.90nm				MOX	0.69	311	ePg	35	21.50	0.1
	1.0s		32.50nm			5.5mb	HAU	147.42	354	ePKP	33	13.60	4.8X				eSg	35	30.00	
	Z 22s		5.00um			5.9Msz		1.2s		55.90nm				CLL	1.17	18	iPg	35	29.30	-0.3
LTX	84.79	58	iP	26	03.00	1.1	BSF	147.54	353	ePKP	33	14.30	5.2X				iSg	35	44.90	
	1.0s		44.00nm			5.6mb		1.2s		71.40nm				BRG	1.18	54	iPg	35	29.70	0.0
XAN	84.82	307	eP	26	02.80	0.9	LPF	147.56	3	ePKP	33	15.40	6.5X				iSg	35	44.80	
LRM	85.21	40	eP	26	03.90	0.0		1.2s		107.10nm				KHC	1.30	145	Pg	35	31.50	-0.2
HHC	85.62	314	eP	26	07.20	1.3	LJU	147.73	343	e(PKP)	33	12.30	3.0X				Sg	35	48.70	
BDW	85.69	44	eP	26	05.10	-1.3				e	33	16.50		PRU	1.37	98	Pg	35	33.10	0.3
	1.2s		46.38nm			5.6mb	LWI	147.76	239	iPKPd	33	19.40	8.8X				Sg	35	51.10	
BTO	86.59	314	eP	26	15.50	4.8X	OGA	147.81	348	iPKPc	33	16.40	6.7X		S.D. = 0.3		on 5 of 5 obs.			
KMI	86.74	297	eP	26	15.00	3.1X	TRI	148.25	344	ePKP	33	15.50	5.4X							
	E 24s		7.20um				LOR	148.34	357	ePKP	33	16.10	5.8X	•	DEC 22, 1985 17h 57m 40.77± 1.33s					
			S	36	46.00			1.4s		80.10nm					8.070 S ±15.2km 124.799 E ±14.5km					
GOL	87.32	48	eP	26	15.00	0.5	GRC	148.34	358	iPKPc	33	16.10	5.9X		DEPTH = 33.0km (normal)					
	Z 20s		1.75um			5.5Msz	SSF	148.56	357	ePKP	33	16.80	6.2X		4.3mb (3 obs.)					
GLD	87.45	48	eP	26	16.00	1.0		1.3s		101.00nm					TIMOR					(289)
	Z 20s		1.30um			5.4Msz	SKO	148.60	331	iPKP	33	18.00	7.1X							
CD2	87.78	303	eP	26	18.80	2.3	LBF	148.62	357	ePKP	33	16.40	5.6X	KUPT	2.38	210	ePd	58	24.50	6.2X
SES	88.17	36	ePc	26	17.80	-0.2		1.4s		60.90nm							eS	58	31.00	
	1.3s		186.00nm			6.3mb	AVF	148.84	358	ePKP	33	18.70	7.7X	MKS	6.00	298	eP	59	10.40	0.7
CHG	88.17	290	eP	26	25.50	6.9X		1.4s		43.50nm				MBL	13.87	200	eP	00	57.00	-0.3
EDM	88.23	33	eP	26	17.50	-0.7	SMF	148.96	357	ePKP	33	18.80	7.5X	WRA	14.99	143	Pc	01	11.40	-0.7
JCT	88.33	58	eP	26	14.10	-5.1X		1.4s		71.40nm					0.5s		8.60nm			4.3mb
	1.0s		10.00nm			5.1mb	MFF	149.03	2	ePKP	33	19.00	7.6X	WB2	15.00	143	iPc	01	11.10	-1.1
	Z 20s		3.37um			5.8Msz		1.2s		59.50nm							eS	03	51.60	

```
ASPA    17.79 152 eP     01 50.00    2.3
WBN     18.05 175 eP     01 55.00    4.2X
WBN     18.05 175 eP     01 50.00   -0.8
                  e      05 07.00
MEK     19.37 197 eP     02 06.00   -0.9
MRWA    22.61 200 eP     02 40.00    0.0
        0.5s     10.00nm          4.5mb
BAL     23.67 198 eP     02 51.30    1.1
CTA     23.96 122 iPc    02 58.90    5.7X
        0.9s      9.24nm          4.3mb
KLB     24.31 195 eP     02 57.30    0.8
MUN     25.10 197 eP     03 04.00    0.0
PPI     25.47 286 eP     03 06.50   -1.2
     S.D. = 1.2  on  12 of  15 obs.

• DEC 22, 1985  18h 20m 18.06± 0.60s
  28.132 N ±10.9km  140.599 E ± 9.6km
  DEPTH =  33.0km  (normal)
  4.7mb (  1 obs.)
 BONIN ISLANDS REGION                (212)

CBI      1.74 126 eP     20 46.00   -0.5
                  eS     21 11.00
MAT      8.62 347 eP     22 23.00   -0.6
        0.7s     13.70nm          5.2mb X
TIA     21.41 298 eP     25 05.50    0.4
WHN     22.99 282 eP     25 23.00    2.1
BJI     23.38 307 eP     25 24.00   -0.5
                  eS     29 44.00
HHC     26.95 306 eP     25 56.20   -2.3
XAN     27.69 290 eP     26 04.00   -1.2
CD2     32.09 284 eP     26 44.40    0.0
WMO     44.83 305 P      28 32.10    1.2
PSI     47.09 245 ePc    28 49.50    0.6
WRA     48.17 188 Pc     28 56.30   -1.0
        0.7s      5.40nm          4.7mb
INK     62.68  25 eP     30 41.00   -0.4
MBC     65.26  15 eP     30 58.00   -0.2
YKA     71.90  28 eP     31 43.00    3.5X
GNZ     75.08 150 P      32 10.00   11.7X
NEW     77.09  42 eP     32 11.00    1.3
LRM     81.07  43 eP     32 32.60    1.0
     S.D. = 1.2  on  15 of  17 obs.

   DEC 22, 1985  18h 26m 59.29± 0.20s
   15.602 S ± 6.3km  178.400 W ± 4.8km
   DEPTH =  10.0km  (geophysicist)
   5.5mb ( 32 obs.)  5.9Msz ( 10 obs.)
 FIJI ISLANDS REGION                 (181)
      Ms 5.8 (PAS).
      CENTROID, MOMENT TENSOR        (HRV)
      Data Used: GDSN
      L.P.B.: 17S, 38C
      Centroid Location:
      Origin Time        18:27: 4.3 0.2
      Lat 15.54S  FIX;Lon 178.58W  FIX
      Dep  10.0 FIX Half-duration  3.7
      Moment Tensor; Scale 10**24 D-CM
        Mrr= 0.25 0.18   Mtt=-6.63 0.28
        Mff= 6.38 0.28   Mrt=-0.99 0.56
        Mrf=-4.14 0.64   Mtf= 8.39 0.19
       Principal Axes:
        T  Val= 11.97  Plg=20   Azm=115
        N       -1.15      70       311
        P      -10.82       5       207
      Best Double Couple:Mo=1.1*10**25
       NP1:Strike=253 Dip=72 Slip=  10
       NP2:       160     80       162

NDE      2.40 246 eP     27 38.00   -1.4
KRO      2.72 231 eP     27 42.80   -1.1
MBU      3.08 243 eP     27 49.20    0.2
VUN      3.84 231 ePd    27 57.50   -2.2
SVA      3.91 230 eP     28 01.00    0.3
NMS      4.11 233 eP     28 03.60    0.0
NDF      4.52 241 eP     28 11.00    1.7
PVC     12.91 259 iPc    30 20.50   14.9X
DZM     15.72 244 iPc    30 44.00    1.4
NOU     15.80 243 iPd    30 45.50    2.0
HNR     22.00 284 eP     31 54.00   -1.5
KRP     22.87 192 eP     32 05.00    1.0
                  S      36 26.00
WEL     26.27 192 P      32 37.00    0.5
     Z  22s     31.11um          5.8Msz
     N  20s     25.53um
     E  18s     27.49um
                  (sP)   33 32.00
                  S      36 59.00
PPT     27.68  98 eP     32 43.00   -6.7X
        1.6s     205.00nm          5.6mb
PPN     27.82  98 eP     32 44.00   -6.9X
        1.6s     165.00nm          5.6mb
TVO     27.99  99 eP     32 45.00   -7.5X
        1.6s     125.00nm          5.5mb
TBI     28.31 110 eP     32 59.00    3.7X
        1.6s     395.00nm          6.0mb
BRS     29.20 241 P      33 03.40    0.1
                  i      34 10.00
                  eS     37 44.00
PMO     29.42  93 iP     33 04.40   -0.9
        1.7s     250.00nm          5.7mb
VAH     29.65  93 iP     33 06.30   -1.1
        1.7s     155.00nm          5.5mb
TPT     29.69  93 iP     33 06.90   -0.8
        1.7s     155.00nm          5.5mb
RUV     29.89  93 iP     33 08.20   -1.4
        1.7s     175.00nm          5.6mb
COO     31.01 236 eP     33 19.00   -0.4
MSZ     31.21 199 P      33 21.60    0.7
RMO     32.42 245 eP     33 31.00   -0.8
RIV     32.89 231 e(P)   33 37.00    1.2
CTA     33.90 257 iPd    33 43.80   -0.9
        1.2s     32.81nm          5.1mb
                  iS     38 12.00
PMG     34.16 276 eP     33 44.00   -2.9
CAN     35.15 230 eP     33 55.90    0.6
YOU     35.18 232 eP     33 56.30    0.7
WAM     35.61 229 eP     33 59.80    0.6
CMS     36.21 238 eP     34 03.00   -1.3
MDG     36.64 282 eP     34 07.00   -1.1
TOO     38.66 229 eP     34 26.00    1.1
STK     39.79 239 eP     34 34.00   -0.3
TAU     39.98 220 eP     34 40.00    4.3X
                  eS     40 46.00
ADE     42.92 235 iPd    35 03.40    3.4X
        1.3s     69.23nm          5.2mb
WRA     45.10 257 Pc     35 15.60   -2.2
        1.4s     55.10nm          5.3mb
ASPA    45.47 252 eP     35 19.00   -1.7
        1.5s     379.00nm          6.1mb
WBN     52.15 249 eP     36 11.00   -1.4
AAI     53.82 277 ePc    36 23.90   -1.0
        0.1s      6.50nm          5.5mb
DAV     59.89 288 eP     37 09.00    0.9
MUN     61.19 242 eP     37 14.50   -2.3
        1.5s     149.00nm          5.9mb
MKS     61.79 272 ePc    37 21.60    0.5
PCI     62.61 277 eP     37 27.50    1.0
MAT     66.08 323 eP     37 49.00    0.3
        1.0s     35.00nm          5.5mb
     Z  20s      4.96um          5.7Msz
                  eS     46 38.00
TRT     67.77 268 iPc    38 01.80    1.9
        1.5s     261.20nm          6.2mb
BAG     68.10 295 eP     38 03.50    1.4
SHK     68.17 318 eP     38 02.40    0.4
SPA     74.50 180 eP     38 40.30    0.6
        1.0s     16.00nm          5.0mb
     Z  20s      3.69um          5.7Msz
SYP     74.58  47 eP     38 40.00   -0.7
BCH     74.85  46 P      38 42.10   -0.1
BKS     74.86  43 e(P)   38 41.90   -0.1
        1.0s     43.00nm          5.4mb
     Z  20s      9.00nm          6.1Msz
     N  20s      6.00um
     E  20s      8.00um
MHC     74.96  44 eP     38 42.90    0.2
PRI     74.96  45 eP     38 42.90    0.1
ARN     75.03  44 P      38 46.00    2.9X
GAS     75.55  41 P      38 45.80   -0.3
PAS     75.67  48 eP     38 46.00   -0.7
                  eS     49 20.00
                  eSS    54 00.00
                  eSSS   58 12.00
                  eLg    01 00.00
MWC     75.79  48 eP     38 46.00   -1.7
HKC     76.01 298 e(P)   38 48.00   -0.9
BAR     76.04  50 eP     38 46.00   -2.9X
FRI     76.07  45 eP     38 48.20   -0.7
JAS1    76.09  44 ePc    38 48.50   -0.5
                  e      47 16.20
RVR     76.17  48 eP     38 50.00    0.5
WDC     76.19  40 ePc    38 49.10   -0.4
                  e      47 05.70
SBB     76.19  48 eP     38 49.00   -0.8
PLM     76.22  49 eP     38 50.00   -0.1
ISA     76.23  47 eP     38 50.00    0.1
ORV     76.27  42 eP     38 49.20   -0.8
MDJ     76.32 325 eP     38 50.80    0.7
NJ2     76.49 309 eP     38 53.00    1.6
                  S      48 42.00
CWC     76.90  46 eP     38 56.00    2.2X
TPC     77.18  49 eP     38 56.00    0.7
GSC     77.22  48 eP     38 56.00    0.5
GLA     77.58  50 eP     38 59.00    1.5
MNA     77.87  44 eP     38 58.80   -0.3
CN2     78.21 322 Pc     39 01.50    0.8
                  pP     39 08.50   22kmX
                  eS     48 54.00
SNY     78.24 320 eP     38 56.80   -4.0X
QIZ     78.54 294 eP     38 57.00   -5.9X
WHN     79.26 306 eP     39 10.50    3.8X
BMN     79.52  43 iP     39 08.00   -0.1
TIA     79.71 312 eP     39 15.80    6.8X
TTA     80.21  10 P      39 10.10   -1.1
        1.3s     67.26nm          5.6mb
PMR     80.37  14 P      39 13.00    1.0
        1.5s     68.92nm          5.4mb
PME     80.43  14 eP     39 11.80   -0.5
        1.0s     27.50nm          5.2mb
PPI     81.40 272 eP     39 22.00    3.5X
MSU     82.01  46 P      39 21.80    0.4
BJI     82.16 315 eP     39 20.50   -1.3
                  eS     49 46.00
PNT     82.83  34 eP     39 24.00   -1.2
        1.1s     41.00nm          5.5mb
IMA     83.51  10 eP     39 30.10    1.7
COL     83.57  13 eP     39 27.00   -1.6
        1.1s     110.76nm          6.0mb
FBA     83.57  13 eP     39 26.40   -2.2
        1.0s     70.00nm          5.8mb
NEW     83.65  36 eP     39 26.00   -3.4X
PSI     83.67 275 ePc    39 27.50   -2.7
                  e      42 45.00
                  e      44 23.00
TIY     83.74 312 eP     39 30.00   -0.1
ALO     84.66  52 eP     39 35.00    0.0
        1.0s     35.00nm          5.5mb
     Z  21s      7.17um          6.0Msz
LTX     84.76  58 eP     39 36.00    0.5
        1.0s     60.00nm          5.8mb
XAN     84.88 307 eP     39 37.40    1.5
                  eS     50 03.00
LRM     85.21  40 eP     39 37.30   -0.2
LOE     85.28 289 eP     39 35.00   -3.1X
BDW     85.68  44 iP     39 40.00    0.1
        1.0s     33.00nm          5.5mb
BTO     86.64 314 eP     39 47.50    2.9
                  pP     39 55.00   24kmX
KMI     86.79 297 eP     39 51.00    5.2X
     E  24s      6.20um
                  S      50 04.00
GOL     87.31  48 eP     39 50.00    2.0
     Z  20s      2.75um          5.7Msz
GLD     87.43  48 eP     39 52.00    3.5X
     Z  20s      3.50um          5.8Msz
CD2     87.83 303 eP     39 54.20    3.7X
SES     88.16  36 eP     39 51.00   -0.6
CHG     88.22 290 eP     39 57.00    4.5X
EDM     88.23  33 eP     39 51.00   -0.8
JCT     88.31  58 eP     39 53.00    0.3
        1.0s     17.50nm          5.3mb
     Z  20s      5.14um          5.9Msz
LZH     69.50 308 P      40 04.00    5.6X
INK     89.67  15 eP     40 01.00    2.7X
RSNT    92.24  25 eP     40 16.00    5.8X
        1.2s     13.79nm          5.2mb
YKA     92.24  25 eP     40 12.40    2.1
YKC     92.29  25 eP     40 11.00    0.5
        1.3s     24.00nm          5.4mb
TUL     93.18  54 eP     40 15.60   0.4
        1.2s     27.60nm          5.6mb
     Z  18s      8.00um          6.2Msz
GTA     93.57 310 eP     40 21.00    3.9X
RLO     93.85  54 eP     40 18.80    0.5
FVM     97.87  53 eP     40 40.00    3.5X
        1.0s     11.00nm          5.5mb
MBC     98.10  12 eP     40 41.00    4.2X
BDF    122.08 120 e(PKP)46 04.50    7.7X
SOB1   131.22 118 ePKP   46 14.50    0.2
IR2    131.82 304 (PKP)  46 23.00    8.0X
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22d 18h

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BUL   135.65 218 ePKP   46 27.00    4.3X
                eSKP    49 02.00
MTD   136.29 224 ePKP   46 27.70    3.8X
KRI   137.55 222 ePKP   46 30.00    3.6X
                eSKP    49 09.00
NAI   141.38 247 ePKP   46 20.00  -13.5X
BRG   143.44 347 ePKP   46 43.60    7.9X
                e       47 40.00
WTS   143.46 355 e(PKP) 46 42.50    6.9X
MLR   143.86 331 ePKP   46 40.00    3.2X
MOX   144.12 349 ePKP   46 44.00    7.1X
PRU   144.13 346 ePKP   46 34.00   -2.9X
      Z  22s      2.10um          5.9Msz
HRI   144.50 306 e(PKP) 46 45.00    6.8X
ENN   144.75 355 ePKP   46 38.50    0.6
       1.7s     94.00nm
UCC   144.82 357 PKP    46 42.00    4.0X
MEM   144.90 355 PKPd   46 45.80    7.7X
SRO   145.04 340 iPKP   46 39.50    1.0
ZST   145.08 342 iPKP   46 38.90    0.3
GRF   145.11 349 ePKP   46 39.00    0.4
SNF   145.11 357 PKP    46 41.50    3.0X
KHC   145.16 346 PKPd   46 37.20   -1.5
       1.0s     18.00nm
                i       46 40.50
                i       47 09.60
VKA   145.24 343 ePKP   46 40.50    1.6
JER   145.46 304 e(PKP) 46 41.00    1.2
DOU   145.51 357 PKP    46 41.00    1.8
CLO   145.61 333 ePKP   46 40.00    0.4
SOP   145.70 342 e(PKP) 46 39.00   -0.7
WLF   145.83 355 PKP    46 40.20    0.4
PRNI  146.08 301 e(PKP) 46 42.00    1.1
FLN   146.89   3 ePKP   46 41.30   -0.2
       1.0s     44.00nm
CDF   146.95 353 ePKP   46 43.90    2.1X
       1.0s     28.00nm
KBA   147.13 345 i(PKP) 46 46.50    4.3X
       1.2s     40.60nm
                i       46 53.30
LPF   147.59   3 ePKP   46 44.80    2.1X
       1.2s     49.90nm
LJU   147.77 343 e(PKP) 46 45.00    1.9X
                e       46 48.00
LWI   147.78 239 ePKPc  46 48.50    4.2X
VOY   147.96 344 ePKP   46 47.70    4.2X
                e       46 56.80
TRI   148.29 344 ePKP   46 49.50    5.6X
LOR   148.37 357 ePKP   46 50.00    6.0X
       1.0s     20.00nm
GRC   148.38 358 iPKPc  46 50.10    6.1X
SSF   148.59 357 ePKP   46 50.70    6.3X
       1.2s     47.60nm
LBF   148.65 357 ePKP   46 50.70    6.2X
       1.0s     20.00nm
SKO   148.65 331 iPKP   46 51.30    6.7X
      E  19s      2.30um
BGF   149.12 358 ePKP   46 52.00    6.8X
       1.2s     36.80nm
OHR   149.62 331 ePKP   46 55.00    8.8X
LPG   149.88 353 ePKP   46 55.00    8.2X
       1.0s     22.00nm
LMR   152.04 352 ePKP   47 04.70   15.0X
       1.0s     17.60nm
BNG   159.98 230 iPKPc  47 01.50    0.8
       1.6s     59.00nm
                id      47 31.80
                ic      47 46.30
                id      48 13.00
AVE   160.58  23 ePKP   47 17.00   16.3X
IFR   161.15  18 iPKP   47 10.00    8.5X
                i       47 41.00
KIC   168.91 145 ePKP   47 08.30   -0.1
     S.D. = 1.1  on 109 of 169 obs.

   DEC  22, 1985  18h 31m 42.98± 0.70s
   40.490 N ± 9.0km   29.115 E ± 5.2km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                              (366)

YLV     0.21  69 iPg    31 47.90    0.3
HRT     0.54  52 iPg    31 53.40   -0.4
                iSg     32 01.40
ISK     0.58 356 iPg    31 54.90    0.3
                iSg     32 03.40
KCT     0.63 248 iPg    31 54.90   -0.7
                iSg     32 03.40
                ic
GPA     0.93 102 iPn    32 00.80    0.0
EDC     0.97 262 iPg    32 00.00   -1.3
                iSg     32 14.00
MFT     1.43 283 iPn    32 10.40    1.4
DMK     1.68 323 iPn    32 11.80   -0.7
EZN     2.24 254 ePn    32 21.90    1.3
IZM     2.53 215 iPn    32 28.50    3.6X
      S.D. = 1.1  on   9 of  10 obs.

?  DEC  22, 1985  18h 35m 12.93± 0.73s
    15.283 S ±26.8km  178.845 W ±23.4km
    DEPTH =  10.0km  (geophysicist)
    4.6mb (  6 obs.)
  FIJI ISLANDS REGION                (181)

WRA     44.75 257 Pd    43 28.90    0.2
        0.2s      0.30nm          3.9mb
SPA     74.82 180 ePd   46 55.00   -0.2
        1.0s      5.00nm          4.5mb
MWC     75.90  48 eP    47 03.00    1.1
SBB     76.29  48 eP    47 03.00   -1.0
ISA     76.32  47 eP    47 07.00    2.9X
PLM     76.34  49 eP    46 57.00   -7.5X
CWC     76.99  46 eP    47 12.00    4.0X
TPC     77.30  49 eP    47 10.00    0.4
GSC     77.33  48 eP    47 11.00    1.3
GLA     77.71  51 eP    47 05.00   -6.8X
COL     83.35  13 eP    47 41.00   -0.1
        1.1s     15.19nm          5.1mb
ALQ     84.80  52 eP    47 49.50    0.2
        1.0s      3.75nm          4.6mb
LTX     84.96  58 eP    47 50.50    0.4
        1.3s     10.19nm          4.9mb
BDW     85.74  44 eP    47 51.70   -2.2
        1.3s      6.42nm          4.6mb
      S.D. = 1.1  on  10 of  14 obs.

*  DEC  22, 1985  19h 56m 14.56± 1.03s
   13.559 S ±12.3km  166.529 E ±19.3km
   DEPTH =  33.0km  (normal)
   4.2mb (  2 obs.)
 VANUATU ISLANDS                     (186)

DZM     8.47 181 iPd    58 17.00   -1.0
                iS      59 51.90
NOU     8.70 180 iPc    58 22.00    0.8
                iS      00 10.00
CTA    20.45 249 iPc    00 51.90   -0.2
        1.0s     10.00nm          4.1mb
RMQ    21.04 230 eP     00 58.00   -0.2
WRA    31.43 254 eP     02 20.20  -15.1X
SPA    76.53 180 iPd    08 03.00   -0.1
        1.0s      3.00nm          4.3mb
COL    85.46  18 eP     08 49.00   -0.9
BNG   147.14 257 iPKPd  15 56.20    1.5
        0.8s     14.00nm
                ic      16 03.70
      S.D. = 1.1  on   7 of   8 obs.

   DEC  22, 1985  20h 50m 56.48± 0.39s
   13.814 S ± 6.2km  166.381 E ± 8.3km
   DEPTH =  33.0km  (normal)
   5.2mb (  8 obs.)
 VANUATU ISLANDS                     (186)

PVC     4.32 155 iP     52 14.80   13.2X
HNR     7.66 304 eP     52 47.00   -1.6
                eS      54 20.00
SVO     7.93 305 eP     52 53.00    0.6
DZM     8.21 180 iPc    52 55.10   -1.3
NOU     8.45 180 iPc    52 57.50   -2.1
BRS    18.54 221 P      55 14.60    2.0
                eS      58 53.00
PMG    19.33 281 e(P)   55 22.00   -0.1
CTA    20.23 249 iPd    55 31.90    0.2
        1.2s     70.31nm          4.9mb
                iS      59 33.00
RMQ    20.77 230 eP     55 38.00    0.7
CMS    25.79 224 eP     56 27.00    0.8
WRA    31.22 254 Pd     57 13.30   -2.1
        1.1s      1.53nm          3.7mb X
WBN    39.21 246 eP     58 23.80    0.2
MEK    40.41 246 eP     59 22.00    0.0
MRWA   48.95 243 eP     59 41.00   -0.8
MUN    49.17 240 eP     59 43.00   -0.5
        0.9s     19.00nm          5.1mb
MAT    56.70 333 eP     00 43.00    3.7X
        1.3s     23.08nm          5.0mb
MDJ    67.07 332 eP     01 46.10   -2.6
CN2    68.42 329 Pc     01 56.80   -0.4
PSI    68.84 278 eP     02 01.00    0.7
BJI    71.02 321 eP     02 13.00   -0.1
TIY    72.01 318 eP     02 19.50    0.3
XAN    72.44 313 eP     02 21.00   -0.8
KMI    73.09 302 Pd     02 26.50    0.4
CHG    73.92 294 eP     02 31.40    0.7
SPA    76.28 180 iPd    02 44.00    0.4
       1.0s      8.00nm          4.7mb
GTA    81.42 314 P      03 12.90    1.0
COL    85.75  18 eP     03 32.00   -1.2
       0.8s     14.93nm          5.3mb
PKI    88.51 299 eP     03 48.20    0.4
       0.7s     11.00nm          5.3mb
KKN    88.68 299 eP     03 48.50    0.0
       0.7s     13.00nm          5.4mb
DMN    88.77 299 eP     03 49.70    0.7
       0.8s     29.00nm          5.7mb
KJF   122.18 340 ePKP   09 47.00   -1.9
SUF   123.69 339 ePKP   09 49.00   -2.9X
LPF   144.32 345 ePKP   10 33.60    2.8X
BGF   144.55 340 ePKP   10 32.00    0.7
       1.1s     10.70nm
SOB1  144.56 129 ePKP   10 33.20    0.9
MZF   144.93 340 ePKP   10 31.30   -0.7
       1.1s     14.60nm
TCF   144.99 341 ePKP   10 31.40   -0.7
LSF   145.24 341 ePKP   10 32.00   -0.5
CVF   145.39 330 ePKP   10 33.90    1.0
MFF   145.41 344 ePKP   10 32.40   -0.4
FRF   145.63 334 ePKP   10 33.60    0.3
       1.1s     26.30nm
LRG   145.84 334 ePKP   10 34.40    0.8
LMR   145.87 333 ePKP   10 34.10    0.5
       1.0s     20.00nm
CAF   146.24 340 ePKP   10 35.00    0.7
LFF   146.66 341 ePKP   10 35.80    0.9
ITR   146.70 131 ePKP   10 37.10    1.3
BNG   146.94 257 iPKPd  10 37.90    1.6
       0.8s     32.00nm
                id      10 48.00
      S.D. = 1.1  on  43 of  47 obs.

   DEC  22, 1985  20h 51m 36.94± 0.39s
   44.435 N ± 8.2km  147.435 E ± 7.8km
   DEPTH = 112.6km  (  3 depth phases)
   4.7mb ( 32 obs.)
 KURIL ISLANDS                       (221)
     Felt (II) on Shikotan.

TSK     9.93 217 eP     53 55.60   -2.4
DDR    10.52 220 eP     54 04.60   -1.2
MAT    10.55 225 eP     54 06.00   -0.3
                (S)     55 57.00
TTA    36.77  40 eP     58 35.20    0.4
IMA    38.00  35 eP     58 45.30    0.1
PME    40.05  42 eP     59 01.80   -0.2
       0.7s     10.00nm          4.7mb
COL    40.42  37 eP     59 06.00    1.0
       0.8s     18.28nm          4.9mb
                epP     59 33.00 118km
FBA    40.42  37 eP     59 05.40    0.4
       0.7s     17.10nm          5.0mb
YAH    43.75  43 eP     59 30.20   -2.3
INK    45.71  31 iPc    59 47.20   -0.5
MBC    48.10  19 eP     00 05.00   -1.4
KKN    51.68 273 eP     00 35.90    1.3
       0.8s      8.00nm          4.7mb
PKI    51.72 273 eP     00 36.00    1.0
DMN    51.91 273 eP     00 37.80    1.4
       0.7s      9.00nm          4.8mb
YKA    55.12  34 eP     00 58.90   -0.2
RSNT   55.13  34 eP     00 59.30    0.1
YKC    55.18  34 eP     00 59.00   -0.5
       0.7s      7.00nm          4.8mb
KEV    58.15 339 iP     01 17.90   -2.6
       0.6s     10.40nm          5.0mb
SOD    59.91 337 iP     01 30.50   -2.2
EDM    60.76  43 eP     01 38.50   -0.2
NEW    61.73  49 eP     01 45.00   -0.3
KJF    61.84 334 eP     01 44.00   -1.8
SUF    63.40 334 iP     01 54.30   -1.7
       0.5s      8.00nm          4.9mb
FFC    65.03  37 iPc    02 06.40   -0.3
       0.7s     15.00nm          5.0mb
```

WRA	65.17	194	P	02	09.00	1.1
	0.8s		3.00nm			4.3mb
NUR	65.52	333	iP	02	08.20	-1.5
	0.5s		16.80nm			5.2mb
JAS1	66.06	60	eP	02	14.00	0.4
BMN	66.44	56	iP	02	16.20	0.1
EUR	67.78	56	iP	02	24.80	0.1
	0.8s		4.42nm			4.4mb
			epP	02	52.00	108km
NB2	69.04	339	P	02	30.00	-1.9
	0.7s		4.80nm			4.4mb
HFS	69.14	337	eP	02	31.20	-1.2
	0.4s		11.00nm			5.0mb
BDW	69.30	50	iP	02	34.00	0.0
	0.8s		2.92nm			4.2mb
			epP	03	02.00	111km
KRA	75.39	328	eP	03	09.60	0.2
	0.7s		29.00nm			5.2mb
KSP	76.07	331	iPc	03	13.50	0.2
CLL	76.80	333	iPc	03	17.30	0.0
	1.2s		21.00nm			4.8mb
BRG	76.86	332	iPd	03	18.00	0.4
PRU	77.40	331	P	03	22.00	1.4
EKA	77.53	343	P	03	21.00	-0.2
	0.8s		9.00nm			4.6mb
MOX	77.82	333	e(P)	03	23.00	0.0
WTS	78.12	336	eP	03	25.00	0.5
	0.7s		11.00nm			4.8mb
KHC	78.46	331	eP	03	27.20	0.7
GRF	78.78	333	eP	03	29.20	1.0
KBA	80.29	330	iPc	03	37.30	0.7
	0.6s		5.20nm			4.5mb
LTX	82.10	57	iP	03	47.10	0.9
	0.8s		5.11nm			4.4mb
FLN	83.02	339	eP	03	50.80	0.3
	0.4s		2.20nm			4.4mb
LOR	83.21	336	eP	03	52.00	0.5
	0.8s		3.20nm			4.3mb
GRC	83.41	336	iPc	03	53.00	0.5
LBF	83.43	336	eP	03	52.90	0.2
	0.8s		6.70nm			4.6mb
GRR	83.47	339	eP	03	53.30	0.5
	0.4s		3.80nm			4.7mb
SSF	83.50	336	eP	03	53.40	0.4
	0.8s		3.20nm			4.3mb
SMF	83.77	336	eP	03	55.00	0.6
	0.8s		9.40nm			4.7mb
AVF	83.79	336	eP	03	55.00	0.6
	0.8s		5.30nm			4.5mb
LPG	83.91	333	eP	03	56.60	1.1
	0.6s		6.30nm			4.7mb
BGF	84.14	336	eP	03	57.90	1.6
	0.8s		5.30nm			4.5mb
MZF	84.53	336	eP	03	59.50	1.3
	0.8s		8.00nm			4.7mb
CAF	85.86	336	eP	04	07.70	2.8X
	0.6s		5.40nm			4.7mb
BDF	148.51	29	e(PKP)	11	10.50	2.1
	S.D. = 1.1		on 56 of 57 obs.			

? DEC 22, 1985 21h 19m 05.21± 2.63s
31.741 S ±21.4km 179.564 W ±37.7km
DEPTH = 33.0km (normal)
4.8mb (2 obs.)
KERMADEC ISLANDS REGION (177)

MNG	9.72	203	eP	21	25.90	0.1
			S	23	10.00	
NOU	15.59	304	iPd	22	51.80	7.7X
DZM	15.75	304	iPc	22	52.90	6.6X
CTA	32.73	282	iPc	25	38.40	1.3
	1.0s		13.00nm			4.8mb
			i	26	22.60	
WB2	42.82	274	eP	27	01.20	-0.7
			e	27	15.10	
WRA	42.83	274	eP	27	01.20	-0.8
SPA	58.43	180	ePc	29	00.00	0.0
	1.0s		10.00nm			4.9mb
VAO	109.15	134	e(Pdif	33	27.00	-2.5X
SUF	144.92	340	iPKP	38	27.40	-12.3X
	0.9s		11.30nm			
NUR	147.08	338	ePKP	38	34.00	-9.3X
BNG	147.95	216	ePKPc	38	40.20	-6.0X
	1.6s		13.00nm			
	"		ic	39	04.20	
NB2	149.85	350	PKP	38	58.20	10.4X
	0.8s		2.70nm			

ISR	155.69	311	iPKPc	39	19.50	22.9X
	S.D. = 1.2		on 5 of 13 obs.			

DEC 22, 1985 21h 21m 54.30± 1.31s
14.391 S ± 6.9km 167.332 E ± 6.3km
DEPTH = 218.1 ± 12.2 km
5.1mb (15 obs.)
VANUATU ISLANDS (186)

DZM	7.68	186	iPc	23	44.30	-0.1
			iS	25	11.90	
NOU	7.92	186	iPc	23	47.00	-0.4
			iS	25	15.50	
NDF	10.28	110	eP	24	20.70	2.8X
BRS	18.74	224	P	26	00.20	1.0
			iS	29	45.00	
RMQ	21.13	232	iPc	26	24.80	1.7
	0.9s		738.00nm			6.2mb X
COO	21.48	219	iPc	26	28.10	1.6
RIV	24.28	214	iPc	26	56.20	3.1X
	0.8s		4149.25nm			7.1mb X
CMS	26.03	226	iPc	27	09.30	0.1
YOU	26.18	218	iPc	27	11.20	0.5
CAN	26.57	215	iPc	27	14.50	0.3
WAM	27.28	214	iPc	27	21.10	0.6
STK	29.26	229	iPc	27	38.50	0.3
TOO	30.16	216	iPc	27	46.30	0.2
WRA	31.97	255	Pc	28	00.10	-1.9
	0.5s		27.20nm			5.1mb
ASPA	32.85	249	eP	28	08.00	-1.7
	0.4s		75.00nm			5.7mb
ADE	32.91	226	iPc	28	10.20	0.1
	0.6s		44.00nm			5.3mb
WBN	39.82	246	eP	29	08.00	-0.1
KLG	45.06	241	P	29	50.50	0.2
MBL	45.60	254	iPc	29	54.60	-0.1
MEK	47.03	247	iPc	30	05.40	-0.5
	0.6s		70.00nm			5.2mb
KLB	48.32	240	iPc	30	14.40	-1.4
PCI	48.81	282	eP	30	22.40	2.7X
NWAO	48.97	239	eP	30	19.50	-1.3
	0.6s		40.00nm			5.0mb
BAL	49.07	242	iPd	30	20.30	-1.2
RKG	49.36	237	eP	30	24.00	0.3
	0.8s		75.00nm			5.2mb
MRWA	49.52	244	iPc	30	24.10	-0.9
	0.6s		25.00nm			4.9mb
MUN	49.68	240	iPc	30	25.00	-1.1
	0.8s		56.00nm			5.1mb
TRT	53.99	271	iPd	30	58.50	0.0
MAT	57.63	332	iPc	31	22.50	-1.4
	0.8s		15.67nm			4.8mb
KGM	65.44	279	ePd	32	16.90	0.6
NJ2	65.48	316	Pc	32	15.40	-0.8
PPI	67.57	276	eP	32	30.00	0.2
WHN	67.76	312	eP	32	30.60	0.0
MDJ	68.01	332	Pc	32	31.50	-0.4
CN2	69.39	329	Pc	32	40.00	-0.3
PSI	69.84	278	(P)	32	44.00	0.4
BJI	72.04	321	eP	32	56.00	-0.3
TIY	73.05	317	P	33	03.20	0.9
XAN	73.51	312	eP	33	05.00	0.0
KMI	74.18	302	Pc	33	10.00	0.7
CHG	75.00	294	iPc	33	14.20	0.4
	0.8s		11.19nm			4.6mb
HHC	75.37	320	Pd	33	16.40	0.8
SPA	75.70	180	eP	33	17.20	0.0
	0.6s		8.13nm			4.6mb
CD2	75.85	307	eP	33	19.30	0.8
LZH	78.14	312	eP	33	32.50	1.4
GTA	82.48	314	iPc	33	55.00	1.1
SHL	83.46	298	iP	34	00.00	0.8
ORV	85.11	47	eP	34	06.80	-0.1
JAS1	85.27	49	eP	34	07.80	0.0
IMA	85.31	15	eP	34	07.80	0.3
MIN	85.35	46	eP	34	08.50	0.2
FRI	85.45	50	eP	34	08.70	0.1
COL	86.01	18	eP	34	10.00	-0.8
	0.7s		5.82nm			4.5mb
FBA	86.01	18	eP	34	08.10	-2.7X
PKI	89.59	298	iPc	34	29.40	0.3
KKN	89.76	299	iPc	34	30.10	0.4
	0.9s		33.00nm			5.3mb
DMN	89.86	298	iPc	34	30.80	0.6
	1.0s		69.00nm			5.5mb
HYB	93.08	287	ePc	34	44.00	-0.9
GBA	93.21	283	Pc	34	45.80	0.4

	0.9s		8.80nm			4.9mb
YKA	97.22	27	eP	35	02.80	0.0
KEV	119.42	345	ePKP	40	18.00	-0.5
SOD	121.19	343	ePKP	40	21.00	-1.0
KJF	123.03	340	iPKP	40	25.00	-0.6
	0.7s		20.00nm			
SUF	124.55	339	iPKP	40	28.60	0.0
	0.7s		19.50nm			
NUR	126.58	338	iPKP	40	30.00	-2.6X
	0.7s		29.30nm			
BUL	126.85	231	iPKP	40	34.00	-0.5
	1.0s		6.50nm			
KRI	127.99	235	ePKP	40	37.20	0.4
NB2	130.32	345	PKP	40	38.90	-0.9
	0.7s		4.80nm			
HFS	130.42	343	ePKP	40	39.50	-0.4
	0.8s		5.10nm			
KSP	136.76	333	ePKP	40	54.50	2.2X
BRG	137.73	335	iPKPd	40	56.50	2.4X
	1.2s		20.00nm			
PRU	138.15	334	PKP	40	57.10	2.2X
KHC	139.21	334	PKP	40	53.30	-3.6X
			e	40	57.60	
MEM	140.83	341	PKP	41	02.90	3.3X
LJU	141.03	330	e(PKP)	40	49.00	-11.2X
			i	41	00.60	
DOU	141.71	342	PKP	40	56.30	-5.0X
CDF	142.29	338	ePKP	40	58.00	-4.5X
SLE	142.37	336	ePKPd	40	58.10	-4.4X
OSS	142.57	334	ePKPd	40	59.70	-3.4X
LLS	142.90	335	ePKPd	41	01.10	-2.6X
HAU	142.96	339	ePKP	40	59.90	-3.6X
VDL	143.01	334	ePKPd	41	01.80	-2.1
SOB1	143.48	128	ePKP	41	02.20	-3.2X
			e	41	05.30	
TMA	143.56	335	ePKPd	41	02.70	-2.1
MMK	143.98	335	ePKPd	41	05.20	-0.4
DIX	144.18	336	ePKPd	41	05.80	-0.2
FIR	144.28	330	iPKP	41	05.50	-0.3
FLN	144.28	346	iPKPc	41	04.50	-1.2
LDF	144.36	346	iPKPc	41	05.70	-0.1
LOR	144.44	341	iPKPc	41	05.70	-0.4
LBF	144.65	340	iPKPc	41	06.30	-0.2
GRC	144.67	341	iPKPc	41	06.70	0.3
GRR	144.72	346	iPKPc	41	06.60	0.1
SSF	144.74	341	iPKPc	41	06.90	0.4
LPG	144.92	336	iPKPc	41	08.30	1.0
AVF	145.03	341	iPKPc	41	07.50	0.5
LPF	145.10	346	iPKPc	41	07.90	0.8
BGF	145.39	341	iPKPc	41	09.20	1.5
ITR	145.62	130	ePKP	41	07.90	-1.1
MZF	145.78	341	iPKPc	41	10.30	1.9
TCF	145.83	342	iPKPc	41	10.20	1.7
LSF	146.07	342	iPKPc	41	10.20	1.4
MFF	146.22	344	iPKPc	41	11.20	2.2X
CVF	146.34	331	iPKPc	41	11.60	2.2X
FRF	146.55	334	iPKPc	41	12.30	2.6X
LRG	146.76	334	iPKPc	41	12.90	2.9X
LMR	146.79	334	iPKPc	41	12.90	2.9X
RJF	146.93	342	iPKPc	41	13.50	3.3X
CAF	147.10	341	iPKPc	41	14.20	3.7X
LFF	147.50	342	iPKPc	41	15.00	3.9X
LPO	147.59	341	iPKPc	41	15.50	4.2X
BNG	147.70	255	iPKPd	41	12.10	-0.3
	0.7s		109.00nm			
			ic	41	15.40	
			id	42	06.50	
MLS	149.17	340	iPKPc	41	19.10	5.2X
EPF	149.35	341	iPKPc	41	19.50	5.3X
LGR	150.69	345	iPKPc	41	24.00	7.8X
EBR	151.27	339	(PKP)	41	17.00	0.0
	S.D. = 0.9		on 86 of 116 obs.			

* DEC 22, 1985 21h 22m 10.20± 1.13s
6.968 S ±13.0km 128.622 E ±22.2km
DEPTH = 33.0km (normal)
4.4mb (1 obs.)
BANDA SEA (280)

WRA	14.04	157	eP	25	29.10	0.0
WB2	14.05	157	eP	25	29.10	0.0
			i	25	36.00	
			iS	27	56.80	
MBL	16.47	210	eP	26	02.00	1.5
			eS	28	49.00	
ASPA	17.36	164	eP	26	13.00	1.3
WBN	19.16	186	eP	26	33.00	-0.9

22d 21h

KLG	24.63	195	eP	27	26.80	-2.2
PKI	54.07	311	eP	31	34.40	-0.1
	0.5s	4.00nm			4.7mb	X
KKN	54.29	312	eP	31	36.10	0.1
	0.5s	3.00nm			4.6mb	X
DMN	54.32	311	eP	31	36.60	0.3
	0.5s	2.00nm			4.4mb	
S.D. = 1.3 on 9 of 9 obs.						
DEC 22, 1985 21h 35m 13.46± 0.77s						
24.135 N ± 4.9km 93.209 E ± 4.7km						
DEPTH = 49.0 ± 9.7 km						
4.5mb (5 obs.)						
BURMA-INDIA BORDER REGION (294)						
SHL	1.87	320	iP	35	45.20	1.5
			iS	36	22.00	
LSA	5.84	342	eP	36	40.20	0.1
			S	37	48.80	
CHG	7.52	134	eP	37	02.50	-0.8
PKI	7.81	298	iPc	37	07.00	-0.6
KKN	8.01	299	iPc	37	09.20	-1.0
DMN	8.08	297	iPc	37	10.20	-1.0
KMI	8.73	82	Pc	37	21.00	0.9
			S	38	52.00	
			iS	39	04.00	
BDT	8.74	141	eP	37	20.60	0.5
LOE	10.41	128	eP	37	43.00	0.0
KHT	10.59	150	eP	37	44.70	-0.8
NST	10.64	141	eP	37	46.80	0.7
GYA	12.39	76	P	38	12.00	2.2
NNT	13.04	151	eP	38	17.80	-0.5
NDI	15.03	291	eP	38	40.00	-4.3X
	0.6s	10.00nm			4.2mb	
			iS	41	15.00	
LZH	15.04	35	P	38	42.00	-2.5
HYB	15.24	247	eP	38	45.00	-2.2
GTA	16.22	19	eP	38	59.50	-0.2
OIZ	16.28	105	Pc	39	02.60	2.2
XAN	16.89	51	eP	39	08.50	0.5
			sP	39	25.00	
			S	42	15.00	
GBA	18.22	238	Pc	39	24.20	-0.3
	0.7s	3.70nm			3.6mb	
POO	18.87	257	iP	39	33.30	0.8
BOM	19.67	259	eP	39	42.20	0.9
			eS	43	09.20	
WHN	19.82	67	eP	39	40.50	-2.4
WMO	20.15	348	Pd	39	47.00	0.6
KOD	20.40	230	eP	39	50.50	1.2
IPM	20.85	158	ePd	39	52.60	-1.1
			e	40	03.60	
TSI	21.16	165	e(P)	39	57.00	0.3
TIY	21.28	46	P	39	55.70	-2.2
BTO	21.64	37	eP	40	01.00	-0.6
PSI	22.02	165	eP	40	08.00	2.6
			e	42	38.00	
HHC	22.67	38	Pd	40	12.30	0.5
BJI	25.00	45	eP	40	36.00	1.9
SSE	25.70	68	P	40	39.40	-1.3
CN2	32.86	45	eP	41	44.60	-0.1
IR2	38.17	298	eP	42	32.00	1.9
MBL	51.95	148	eP	44	18.60	-1.2
MEK	56.08	153	eP	44	50.00	-0.1
MLR	57.50	310	ePd	45	14.00	13.9X
KJF	57.90	332	eP	45	18.00	15.5X
SUF	58.33	330	eP	45	06.00	0.4
NUR	58.76	327	eP	45	23.00	14.4X
SOD	58.97	336	iP	45	25.30	15.3X
WRA	59.37	134	Pc	45	12.00	-1.3
	0.4s	6.80nm			5.1mb	
ASPA	61.78	137	eP	45	28.00	-1.7
UPP	62.24	326	iP	45	57.20	25.0X
SRO	62.56	313	eP	45	48.80	14.2X
KSP	63.54	316	eP	45	55.00	14.0X
MFS	64.20	327	eP	45	45.20	0.0
	0.6s	3.40nm			4.6mb	
BRG	65.01	317	eP	46	05.50	14.9X
	1.2s	16.00nm				
NB2	65.35	328	P	45	52.00	-0.6
	1.0s	10.00nm			4.8mb	
LJU	65.37	311	e(P)	46	06.50	13.5X
KHC	65.51	315	Pc	46	07.70	13.8X
	1.2s	12.00nm				
CLL	65.54	317	eP	46	08.00	14.1X
VOY	65.81	311	e(P)	46	07.00	11.1X
KBA	66.00	313	eP	46	08.00	10.8X
	1.2s	9.40nm				
			i	46	13.20	
MOX	66.51	317	eP	46	14.00	13.8X
GRF	66.93	316	eP	46	17.00	14.1X
WLF	70.15	316	P	46	41.20	18.4X
DAG	71.52	347	iP	46	43.00	12.3X
MTD	72.59	242	eP	46	53.00	15.0X
BNG	74.21	268	iPd	47	02.90	15.4X
	0.5s	7.00nm				
			id	47	07.10	
KRI	74.21	243	eP	47	01.00	13.5X
BUL	76.76	241	eP	47	18.60	16.6X
MBC	77.85	8	eP	47	08.00	1.1
COL	79.70	22	eP	47	31.00	13.8X
INK	81.68	16	eP	47	29.00	1.5
			pP	47	45.00	57kmX
S.D. = 1.3 on 43 of 66 obs.						
* DEC 22, 1985 22h 12m 39.39± 0.86s						
52.138 N ±12.8km 174.588 W ± 8.2km						
DEPTH = 156.1 ± 7.2 km						
4.5mb (26 obs.)						
ANDREANOF ISLANDS, ALEUTIAN IS. (7)						
ADK	1.32	260	eP	13	08.10	0.2
SDN	8.95	63	eP	14	44.10	-2.2
SVW	13.72	42	eP	15	49.50	1.1
TTA	14.64	35	eP	16	02.00	2.0
PME	16.78	46	eP	16	25.40	-0.8
IMA	17.48	29	eP	16	33.70	-1.0
COL	18.75	37	eP	16	37.00	-11.4X
	0.7s	20.55nm				
FBA	18.75	37	eP	16	45.20	-3.2X
YAH	19.83	53	eP	16	46.20	-13.7X
DWY	21.74	43	P	17	19.00	0.4
INK	25.34	35	eP	17	52.00	-0.8
YKA	32.80	48	eP	18	59.90	0.8
PNT	34.21	72	eP	19	13.00	1.5
	0.4s	5.00nm			4.6mb	
NEW	36.16	73	eP	19	29.00	1.0
MAT	36.48	264	iPd	19	32.60	1.9
	0.8s	22.39nm			4.9mb	
KJF	62.71	349	iP	22	48.00	-1.1
	0.6s	11.70nm			5.0mb	
NUR	66.65	350	iP	23	12.50	-2.0
NB2	67.08	357	P	23	15.60	-1.6
	0.5s	3.50nm			4.4mb	
HFS	67.88	356	eP	23	20.60	-1.6
	0.4s	12.90nm			5.1mb	
KKN	74.39	295	eP	24	01.90	0.1
	0.6s	5.00nm			4.4mb	
PKI	74.48	295	eP	24	02.20	-0.3
DMN	74.62	295	eP	24	03.40	0.2
	0.6s	4.00nm			4.3mb	
DZM	75.73	198	iPc	24	07.00	-2.1
NOU	75.96	198	iPc	24	06.80	-3.5X
BRG	77.11	354	i(P)	24	15.90	-0.5
	0.6s	13.00nm			4.8mb	
DOU	78.14	1	Pc	24	22.20	0.2
KHC	78.87	355	P	24	26.50	0.4
LDF	79.54	4	eP	24	29.50	-0.1
	0.6s	3.60nm			4.3mb	
GRR	79.71	4	eP	24	30.60	0.1
	0.4s	2.70nm			4.3mb	
CDF	79.82	359	eP	24	31.20	0.0
	0.6s	4.30nm			4.4mb	
LPF	80.06	4	eP	24	32.60	0.2
	0.6s	9.00nm			4.7mb	
HAU	80.23	359	eP	24	33.50	0.1
	0.6s	3.60nm			4.3mb	
BSF	80.40	359	eP	24	34.30	-0.1
	0.5s	4.30nm			4.4mb	
GRC	80.93	2	iPd	24	37.30	0.4
KBA	80.93	355	iPd	24	37.50	0.3
	0.6s	7.10nm			4.6mb	
LOR	80.96	1	eP	24	37.40	0.2
	0.5s	6.50nm			4.6mb	
SSF	81.17	1	eP	24	38.60	0.4
	0.6s	12.00nm			4.8mb	
LBF	81.25	1	eP	24	38.70	0.0
	0.6s	4.80nm			4.4mb	
AVF	81.44	1	eP	24	39.90	0.3
	0.6s	5.70nm			4.5mb	
MFF	81.52	4	eP	24	40.60	0.5
	0.6s	9.00nm			4.7mb	
SMF	81.59	1	eP	24	40.60	0.2
	0.6s	8.40nm			4.6mb	
TCF	81.92	2	eP	24	42.60	0.4
	0.6s	3.60nm			4.3mb	
LSF	81.94	3	eP	24	42.70	0.4
	0.5s	11.20nm			4.9mb	
MZF	82.00	2	eP	24	43.00	0.4
	0.6s	8.10nm			4.6mb	
LPO	83.49	3	eP	24	50.70	0.4
	0.8s	8.00nm			4.6mb	
WRA	84.41	227	Pc	24	58.00	2.9X
	0.4s	1.80nm			4.2mb	
S.D. = 1.0 on 41 of 46 obs.						
DEC 22, 1985 22h 21m 13.39± 0.30s						
21.303 S ± 5.3km 179.040 W ± 3.6km						
DEPTH = 639.2 ± 3.8 km						
5.1mb (23 obs.)						
FIJI ISLANDS REGION (181)						
SVA	3.95	323	iPc	22	41.40	-0.3
NWS	4.15	320	iP	22	42.90	-0.2
KRO	4.24	339	eP	22	43.00	-0.7
MBU	4.80	333	iPc	22	47.90	0.3
NDF	4.84	316	eP	22	48.00	0.2
NDE	4.94	341	iPc	22	48.60	-0.2
KRP	17.22	195	P	24	43.70	2.1
MNG	19.81	192	P	25	05.00	-0.4
			S	28	08.00	
BRS	26.35	251	P	26	03.60	0.0
AFR	27.83	87	iP	26	16.40	0.0
	0.8s	65.00nm			5.3mb	
PAE	27.99	88	iP	26	17.60	-0.2
	0.8s	35.00nm			5.0mb	
PPT	28.01	88	iP	26	17.90	-0.1
	0.8s	55.00nm			5.2mb	
PPN	28.15	88	iP	26	18.80	-0.4
	0.8s	65.00nm			5.3mb	
TVO	28.27	88	iP	26	20.20	-0.1
	0.8s	90.00nm			5.5mb	
RMQ	29.85	254	iPd	26	34.00	0.4
PMO	30.21	83	iP	26	36.40	-0.3
	0.8s	50.00nm			5.2mb	
VAH	30.39	84	iP	26	37.70	-0.5
	0.8s	55.00nm			5.2mb	
TPT	30.48	83	iP	26	38.70	-0.2
	0.8s	55.00nm			5.2mb	
RUV	30.64	84	iP	26	40.00	-0.2
	0.8s	70.00nm			5.3mb	
CAN	31.26	237	eP	26	46.10	0.7
YOU	31.44	239	eP	26	47.80	0.8
WAM	31.62	235	eP	26	49.40	1.0
CTA	32.45	266	iPd	26	55.40	-0.1
	0.6s	35.00nm			5.2mb	
			iPcP	29	22.30	
			iS	31	27.70	
			iScP	32	09.20	
			iScS	36	11.30	
PMG	34.59	285	eP	27	09.00	-4.3X
TOO	34.64	234	eP	27	14.00	0.5
STK	36.57	245	eP	27	30.00	0.6
ASPA	43.40	258	iPd	28	23.50	-0.4
	0.5s	108.00nm			5.6mb	
WRA	43.53	263	Pc	28	24.00	-0.9
	0.4s	24.30nm			5.0mb	
WBN	49.73	253	iPd	29	10.90	-0.7
MEK	56.80	251	eP	30	00.00	-1.5
	0.5s	26.00nm			4.7mb	
KLB	56.83	245	iPd	30	00.60	-1.0
NWAO	57.14	244	eP	30	03.00	-0.7
	0.5s	13.00nm			4.4mb	
RKG	57.23	242	P	30	03.50	-0.7
BAL	57.84	247	iPd	30	07.20	-1.2
MUN	58.10	245	eP	30	09.00	-1.1
	0.7s	44.00nm			4.8mb	
SPA	68.83	180	eP	31	18.50	1.1
	1.0s	10.00nm			4.2mb	
MAT	70.29	324	iPd	31	24.60	-1.5
	0.8s	29.85nm			4.8mb	
KGM	79.23	276	eP	32	16.00	0.1
NJ2	79.65	310	Pc	32	18.00	0.4
MWC	80.06	47	eP	32	21.00	1.0
BAR	80.17	49	eP	32	25.00	4.6X
PLM	80.41	49	eP	32	22.00	0.2
SBB	80.48	47	eP	32	22.00	0.0
FRI	80.54	44	eP	32	22.40	0.3
ISA	80.59	46	eP	32	23.00	0.5
MDJ	80.62	326	Pd	32	22.10	-0.3
WDC	80.91	40	eP	32	24.70	0.8

22d 22h

PPI	81.04	273	eP	32	23.50	-1.7
MIN	81.33	41	eP	32	26.40	0.1
TPC	81.38	48	eP	32	27.00	0.4
GSC	81.52	47	eP	32	28.00	0.8
GLA	81.66	50	eP	32	29.00	0.9
WHN	82.14	307	eP	32	31.00	0.7
SNY	82.20	321	Pd	32	29.60	-0.7
IPM	82.31	278	ePd	32	31.90	0.4
	0.6s	51.30nm			5.3mb	
CN2	82.35	323	Pd	32	30.60	-0.4
TIA	83.10	313	eP	32	34.70	-0.3
PSI	83.56	275	iPd	32	38.40	0.7
	0.8s	40.90nm			5.1mb	
BMN	84.10	43	iP	32	40.50	0.5
BJI	85.78	316	eP	32	48.00	0.1
GYA	86.20	300	P	32	50.40	0.0
NNT	86.52	285	eP	32	54.00	2.1
YAH	86.83	18	eP	32	52.50	-0.3
TIY	87.09	312	P	32	54.80	0.5
XAN	87.85	308	Pd	32	58.40	0.6
PNT	87.86	34	iPd	32	58.10	0.6
	8.9s	25.00nm			5.0mb	
KMI	88.85	297	Pd	33	03.50	0.6
BDT	88.95	289	eP	33	05.20	2.1
	0.9s	43.50nm			5.3mb	
HHC	89.22	315	Pc	33	04.50	0.4
CHG	89.60	290	iPd	33	06.80	0.6
	0.7s	19.69nm			5.1mb	
BDW	90.21	44	eP	33	08.90	0.1
	1.3s	9.43nm			4.6mb	
CD2	90.41	303	eP	33	10.80	1.1
DWY	90.48	16	P	32	52.00	-17.2X
			e	33	09.00	
			Lg	34	25.00	
LZH	92.49	308	eP	33	20.00	0.7
INK	95.30	15	eP	33	14.00	-17.1X
YKA	97.65	25	eP	33	41.60	-0.3
SOB1	128.92	122	ePKP	39	11.70	-0.7
BUL	130.73	215	iPKPd	39	15.50	-0.3
	0.8s	4.10nm				
ITR	131.13	124	e(PKP)	39	15.00	-1.6
SOD	131.17	347	ePKP	39	14.00	-1 0
MTD	131.69	221	ePKP	39	17.00	-0.6
KRI	132.82	219	iPKPd	39	20.10	0.3
KJF	133.56	344	iPKP	39	18.10	-1 5
SUF	135.18	344	ePKP	39	08.00	-14.8X
NUR	137.42	343	ePKP	39	15.00	-12 0X
NB2	139.65	352	PKP	39	21.80	-9.3X
	0.5s	2.90nm				
HFS	140.17	350	ePKP	39	23.70	-8 3X
	0.3s	9.40nm				
MUD	144.37	352	iPKPd	39	38.50	-0.8
	0.7s	19.00nm				
EKA	145.88	4	PKPd	39	42.40	0.5
	0.7s	21.10nm				
KRA	147.62	337	iPKPd	39	47.50	2.7X
			e	39	52.40	
KSP	148.15	341	ePKP	39	45.00	-0.7
	0.9s	44.00nm				
			id	39	49.50	
			ic	39	55.00	
WIT	148.24	353	iPKPd	39	50.40	4.7X
ISR	148.26	324	ePKP	39	50.00	3.9X
MLR	148.35	326	iPKPc	39	50.00	3.7X
CLL	148.60	345	iPKPd	39	50.00	3.7X
	1.2s	61.00nm				
BRG	148.78	344	iPKPd	39	50.90	4.3X
			i	39	57.10	
WTS	149.03	353	iPKPd	39	51.70	4.8X
	1.0s	86.00nm				
			e	39	58.00	
PSZ	149.38	335	iPKPd	39	52.00	4.3X
PRU	149.42	343	iPKPd	39	52.60	5.0X
	0.9s	29.30nm				
			e	40	00.00	
			e	40	04.50	
MOX	149.54	347	iPKP	39	53.00	5.2X
	1.1s	31.00nm				
SRO	150.08	336	iPKP	39	54.40	5.8X
			e	40	02.90	
ZST	150.20	338	iPKP	39	54.50	5.7X
			i	40	03.80	
CLO	150.25	328	ePKP	39	54.50	5.5X
ENN	150.34	354	iPKP	39	54.70	5.8X
	0.9s	50.00nm				
			e	40	03.00	
VKA	150.41	339	iPKPd	39	55.00	5.8X
UCC	150.44	356	PKP	39	55.00	5.9X
KHC	150.47	343	PKP	39	48.90	-0.4
	0.8s	36.00nm				
			i	39	55.20	
			i	40	04.50	
MEM	150.48	353	PKPd	39	54.80	5.7X
			e	40	04.40	
TNS	150.54	350	ePKP	39	55.50	6.1X
SNF	150.73	356	PKP	39	55.40	5.9X
DOU	151.12	355	PKPd	39	56.50	6.4X
			e	40	06.40	
KDZ	151.12	320	iPKPd	39	56.00	5.6X
WLF	151.40	353	PKP	39	57.40	6.9X
			e	40	08.30	
VTS	151.75	324	iPKPd	39	58.00	6.8X
MMB	152.11	322	iPKPd	39	58.00	6.1X
KBA	152.39	342	iPKPd	39	58.20	5.9X
	0.9s	18.80nm				
CDF	152.48	351	ePKP	39	59.70	7.4X
FLN	152.58	2	ePKP	39	59.30	7.0X
LDF	152.76	2	ePKP	39	59.60	7.1X
SLE	152.91	349	ePKPd	39	59.90	7.1X
GRR	152.94	3	ePKP	40	00.10	7.3X
LJU	152.94	339	ePKP	40	00.00	7.1X
HAU	153.01	352	ePKP	40	00.60	7.7X
BSF	153.12	351	ePKP	40	01.00	7.8X
VOY	153.16	340	ePKP	40	00.00	6.7X
ZUL	153.20	349	ePKPd	40	00.40	7.2X
SAX	153.24	347	ePKPd	40	01.90	8.3X
LPF	153.28	3	ePKP	40	00.90	7.7X
OSS	153.60	346	ePKPd	40	01.70	7.7X
VDL	153.94	347	ePKPd	40	03.40	9.0X
LOR	153.99	355	ePKP	40	02.80	8.6X
GRC	154.01	357	iPKPd	40	03.00	8.8X
SSF	154.22	356	ePKP	40	03.40	8.9X
LBF	154.26	355	ePKP	40	03.20	8.5X
TMA	154.43	347	ePKPd	40	03.20	8.1X
BGF	154.76	357	ePKP	40	04.50	9.2X
LSF	155.11	359	ePKP	40	05.00	9.2X
LPG	155.40	350	ePKP	40	07.80	11.2X
BNG	156.07	228	ePKPd	39	57.10	-1.0
	0.4s	20.00nm				
			ic	40	30.10	
KIC	164.15	159	ePKP	40	06.30	-0.2
			e	41	06.30	

S.D. = 0.8 on 85 of 140 obs.

DEC 22, 1985 22h 43m 56.91± 0.66s
50.242 N ± 6.4km 12.430 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.66	308	ePg	44	09.70	-0.4
			iSg	44	19.00	
GRF	0.95	235	ePg	44	15.40	0.3
			eSg	44	28.00	
			eLg	44	30.40	
CLL	1.13	19	iPg	44	18.30	0.2
			eSg	44	33.00	
BRG	1.16	56	iPg	44	18.50	0.0
			iSg	44	33.20	
KHC	1.34	146	iPg	44	21.40	-0.2
			Sg	44	38.90	
			Sg	45	04.00	
PRU	1.38	100	Pg	44	22.20	0.0
			eSg	44	39.50	
			e	44	40.50	
			eSg	45	06.50	

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

• DEC 22, 1985 22h 48m 55.86± 0.76s
50.240 N ± 8.4km 12.446 E ± 6.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.67	308	ePg	49	09.00	-0.2
			eSg	49	18.00	
GRF	0.96	236	ePg	49	14.40	0.2
			eSg	49	27.00	
			eLg	49	29.40	
BRG	1.15	56	iPg	49	17.20	-0.1
			iSg	49	32.10	
KHC	1.33	146	Pg	49	20.00	-0.4
			Sg	49	38.00	
PRU	1.37	100	ePg	49	21.50	0.5
			eSg	49	38.50	
			eSg	02	55.00	

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

? DEC 22, 1985 23h 52m 41.19± 1.46s
10.489 S ±20.1km 117.344 E ±20.1km
DEPTH = 33.0km (normal)
SOUTH OF SUMBAWA ISLAND (291)

TRT	5.41	300	ePd	54	01.60	-0.1
	0.6s	35.10nm			5.1mb	X
MBL	10.88	168	eP	55	16.00	-1.7
			eS	57	07.00	
MEK	16.08	176	eP	56	28.00	1.5
			eS	59	10.00	
WBN	17.85	152	eP	56	49.00	0.2
			eS	59	56.00	
MRWA	18.68	184	eP	57	02.00	3.1X
			eS	00	10.00	
WRA	18.89	122	eP	57	01.70	0.1
MUN	21.41	183	eP	57	38.00	9.6X
			eS	01	15.00	
NWAO	22.33	180	eP	57	48.00	10.4X
			eS	0:	36.00	
PSI	22.53	305	ePd	57	43.00	3.3X

S.D. = 1.6 on 5 of 9 obs.

DEC 23, 1985 00h 01m 21.84± 0.26s
46.648 N ± 5.5km 152.626 E ± 4.2km
DEPTH = 33.0km (normal)
5.2mb (40 obs.)
KURIL ISLANDS (221)

TSK	14.01	226	eP	04	37.80	-2.3X
DDR	14.64	228	eP	04	47.90	-0.5X
MAT	14.75	232	iPd	04	48.40	-1.4X
MDJ	16.23	271	iPc	05	10.50	1.7
SNY	21.30	267	eP	06	06.40	-1.2
BJI	27.14	269	eP	07	05.00	1.3
			eS	12	20.00	
NJ2	29.65	253	Pd	07	26.60	0.3
TIY	30.81	268	P	07	38.00	1.3
XAN	35.17	265	iPc	08	14.40	-0.2
COL	36.45	38	eP	08	26.00	1.0
	0.8s	16.04nm			5.0mb	
GTA	38.66	279	P	08	43.90	-0.1
CD2	40.54	265	P	09	00.30	0.8
MAN	41.36	230	eP	09	07.00	0.7
GYA	41.37	257	P	09	06.60	0.2
INK	41.92	32	iPc	09	11.20	0.9
WMQ	44.65	291	eP	09	33.30	0.3
MBC	44.81	20	eP	09	34.00	0.3
KMI	44.89	259	Pc	09	35.00	-0.3
ALE	49.88	6	eP	10	12.50	-0.8
LSA	49.94	273	Pc	10	14.70	-0.3
YKA	51.21	37	eP	10	24.30	0.7
YKC	51.27	36	eP	10	24.00	-0.1
CHG	51.77	256	iPc	10	28.60	0.2
	1.0s	19.50nm			5.0mb	
SHL	52.03	268	iP	10	30.00	-0.6
KKN	55.16	275	iPc	10	53.60	-0.1
PKI	55.21	275	iPc	10	54.00	-0.2
DMN	55.40	275	iPc	10	55.70	0.3
PNT	55.55	52	iPc	10	56.30	0.3
	0.5s	7.00nm			4.9mb	
EDM	56.63	46	iPc	11	03.20	-0.5
DAG	56.74	358	iPc	11	02.10	-2.0
	0.6s	2.67nm			4.4mb	
NEW	57.51	52	eP	11	10.00	0.0
SOD	59.22	339	iP	11	19.60	-2.1
			i	12	08.40	
NDI	60.09	281	iPc	11	26.60	-1.5
	0.5s	45.77nm			5.9mb	
FFC	61.03	40	eP	11	34.00	-0.2
	0.6s	8.00nm			5.0mb	
KJF	61.37	336	iP	11	35.60	-0.7
	0.8s	16.10nm			5.2mb	
			i	12	17.50	
LRM	61.52	52	eP	11	38.50	0.5
BMN	62.17	60	eP	11	42.90	0.6
SUF	62.96	335	iP	11	45.80	-1.1
	0.3s	31.80nm			5.9mb	
EUR	63.51	60	iP	11	51.50	0.2
	0.2s	13.96nm			5.7mb	
FRB	65.26	19	eP	12	00.00	-1.8
HYB	66.66	271	iPc	12	10.70	-0.9
CTA	66.67	187	iPd	12	11.30	0 0
	0.9s	5.46nm			4.7mb	
UPP	67.67	337	iP	12	15.80	-1.5

23d 00h

		i	12 42.60		
NB2	68.22	341	P	12 19.00	-1.8
	0.5s	20.80nm		5.5mb	
WB2	68.31	199	eP	12 20.30	-1.4
		e	12 39.00		
WRA	68.31	199	eP	12 20.30	-1.4
NRA0	68.41	311	eP	12 20.50	-1.4
HFS	68.43	339	eP	12 20.80	-1.2
	0.4s	62.90nm		6.1mb	
POO	69.13	275	iPc	12 26.90	-0.1
	0.8s	29.85nm		5.4mb	
GBA	70.08	269	P	12 32.00	-0.8
IR2	72.14	303	eP	12 41.00	-4.1X
ALQ	72.18	58	eP	12 46.00	0.6
	1.0s	6.25nm		4.6mb	
KOD	72.45	266	eP	12 47.00	-0.4
KRA	75.34	331	iPd	13 02.80	-0.4
	0.7s	33.00nm		5.4mb	
CLI	75.55	324	iPc	13 04.00	-0.6
CLL	76.42	335	iPc	13 08.60	-0.7
	0.8s	41.00nm		5.5mb	
WIT	76.73	340	eP	13 12.00	1.0
TLB	76.84	323	eP	13 12.00	0.2
MLR	76.96	325	ePd	13 13.00	0.4
ISR	77.00	324	eP	13 14.00	1.2
MOX	77.41	336	eP	13 14.00	-0.8
	1.0s	22.00nm		5.1mb	
TUL	77.44	51	eP	13 15.80	0.6
	1.2s	14.70nm		4.9mb	
WTS	77.45	339	ePc	13 14.50	-0.5
	0.7s	30.00nm		5.4mb	
RLO	77.65	50	eP	13 16.40	0.0
SRO	77.82	330	iPKP	13 17.70	0.6
ZST	77.89	331	iP	13 17.30	-0.2
KHC	78.18	334	eP	13 19.30	0.1
ENN	78.80	339	iPc	13 22.30	-0.1
	1.0s	36.00nm		5.3mb	
MEM	78.92	339	Pd	13 23.00	-0.1
JCT	79.27	57	iP	13 21.00	-4.4X
	0.8s	10.45nm		4.9mb	
SNF	79.43	340	P	13 25.50	-0.4
BHG	79.65	334	iPd	13 27.60	0.4
DOU	79.74	340	P	13 27.60	0.0
WLF	79.76	339	P	13 29.20	1.6
KBA	80.08	333	iPc	13 30.10	0.4
	0.8s	45.20nm		5.5mb	
CDF	80.62	337	iPc	13 32.10	-0.3
	0.8s	16.10nm		5.1mb	
SLE	80.89	336	ePd	13 33.50	-0.2
OGA	80.98	334	iPc	13 34.70	0.2
SAX	81.12	336	ePd	13 35.40	0.1
ZUL	81.18	336	ePd	13 35.40	0.1
HAU	81.24	338	eP	13 35.30	-0.3
	0.8s	9.10nm		4.8mb	
BSF	81.29	337	eP	13 35.40	-0.5
	0.8s	11.80nm		4.9mb	
OSS	81.40	335	ePd	13 37.00	0.4
LLS	81.56	336	ePd	13 37.80	0.3
SKO	81.68	325	i(P)	13 38.00	0.0
VDL	81.78	335	ePd	13 39.20	0.6
FLN	82.13	342	eP	13 40.00	-0.2
	0.5s	7.80nm		5.0mb	
LDF	82.22	342	eP	13 40.60	0.0
TMA	82.29	335	ePd	13 41.10	-0.2
LOR	82.55	339	iPc	13 42.40	0.0
	0.8s	22.80nm		5.3mb	
GRR	82.57	343	eP	13 42.50	0.1
MMK	82.60	336	ePd	13 43.80	0.8
GRC	82.72	340	iPc	13 43.30	0.1
DIX	82.73	336	ePd	13 44.30	0.6
LBF	82.79	339	iPc	13 43.30	-0.4
	0.8s	6.70nm		4.8mb	
SSF	82.83	339	iPc	13 44.00	0.1
	0.8s	14.70nm		5.1mb	
EMS	82.87	337	ePd	13 44.70	0.4
LPF	82.94	343	eP	13 44.50	0.1
	0.6s	16.20nm		5.3mb	
MGI	83.06	311	iP	13 47.00	1.7
AVF	83.12	339	iPc	13 45.40	0.1
	0.9s	25.20nm		5.3mb	
SMF	83.14	339	iPc	13 45.40	-0.1
	1.0s	30.00nm		5.4mb	
LPG	83.45	337	iPc	13 48.10	0.7
	0.8s	13.40nm		5.1mb	
BGF	83.47	340	eP	13 47.30	0.2
	0.5s	5.10nm		4.9mb	
JER	83.71	310	iPd	13 49.50	0.8
MZF	83.85	340	iPc	13 49.80	0.7
	0.9s	43.20nm		5.6mb	
TCF	83.87	340	eP	13 49.80	0.6
	1.0s	22.00nm		5.3mb	
LSF	84.07	340	eP	13 50.60	0.4
	1.0s	32.00nm		5.4mb	
MFF	84.11	342	eP	13 50.60	0.2
PRNI	84.94	310	iP	13 56.00	1.1
CAF	85.19	339	eP	13 56.80	1.0
	0.6s	5.40nm		4.9mb	
LRG	85.44	336	eP	13 57.40	0.4
	0.9s	27.50nm		5.5mb	
LFF	85.49	340	eP	13 57.40	0.1
LMR	85.51	336	iPc	13 57.60	0.2
	0.9s	16.30nm		5.2mb	
CVF	85.52	334	eP	13 57.50	-0.1
LPO	85.62	340	eP	13 58.90	0.9
EPF	87.39	340	eP	14 06.50	-0.2
MTD	123.25	281	iPKPd	20 16.60	-0.4
KIC	123.52	333	ePKP	20 16.90	-0.7
KRI	124.61	283	ePKP	20 19.90	0.2
BUL	127.61	281	iPKP	20 25.00	-0.5
SPA	136.46	180	ePKPd	20 31.20	-9.6X
	0.9s	1.36nm			
BDF	144.69	36	iPKPc	20 53.90	-3.1X
VAO	151.60	41	ePKP	21 14.30	6.6X
ITA	152.01	36	ePKP	21 15.50	6.8X

S.D. = 0.8 on 115 of 124 obs.

DEC 23, 1985 00h 12m 28.38± 0.66s
50.215 N ± 6.3km 12.458 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.3 (GRF).

MOX	0.69	309	ePg	12 42.00	-0.1	
			iSg	12 51.00		
GRF	0.95	237	ePgc	12 46.60	0.0	
			eSg	12 58.90		
			eLg	13 01.50		
CLL	1.15	17	ePg	12 50.00	0.1	
			iSg	13 05.30		
BRG	1.16	55	iPg	12 49.70	-0.3	
			iSg	13 05.00		
KHC	1.31	146	Pg	12 52.40	-0.2	
			Sg	13 09.40		
PRU	1.36	99	Pg	12 53.70	0.3	
			Sg	13 11.40		

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

* DEC 23, 1985 00h 36m 49.23± 0.93s
50.207 N ±10.0km 12.425 E ± 7.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.68	311	ePg	37 02.00	-0.7	
			eSg	37 11.00		
GRF	0.93	237	ePg	37 07.40	0.4	
			eSg	37 19.70		
			eLg	37 22.10		
CLL	1.16	18	ePg	37 12.00	1.0	
			eSg	37 26.00		
BRG	1.18	55	iPg	37 10.60	-0.6	
			iSg	37 26.00		
PRU	1.38	98	Pg	37 14.40	-0.1	
			Sg	37 33.00		

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

DEC 23, 1985 00h 45m 38.73± 0.76s
64.821 N ± 7.7km 152.265 W ± 7.9km
DEPTH = 33.0km (normal)
CENTRAL ALASKA (1)
ML 3.7 (PMR).

IMA	1.38	335	ePc	46 02.60	0.5	
COL	1.91	86	eP	46 09.00	-0.6	
			e	46 14.00		
FBA	1.91	86	iPc	46 09.10	-0.5	
TTA	2.52	223	eP	46 18.00	-0.3	
PME	3.52	154	iPc	46 33.30	0.8	
PMR	3.54	155	eP	46 33.40	0.8	
SVW	4.03	204	eP	46 38.80	-0.9	
DWY	5.61	92	P	47 00.00	-2.0X	
			e	47 25.00		
			Lg	48 59.00		
INK	8.23	57	eP	47 36.00	-2.7X	
YKA	16.71	81	eP	49 39.80	8.3X	

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

DEC 23, 1985 00h 52m 33.58± 0.35s
13.606 S ± 5.0km 166.934 E ± 7.6km
DEPTH = 33.0km (normal)
5.2mb (6 obs.)
VANUATU ISLANDS (186)

HNR	8.00	300	eP	54 30.00	-0.5
			eS	55 00.00	
SVO	8.27	302	eP	54 36.00	1.8
VSG	8.30	301	eP	54 35.00	0.4
DZM	8.43	183	iPd	54 35.70	-0.8
			iS	56 08.40	
NOU	8.67	183	iPc	54 42.20	2.5
			iS	56 12.50	
BRS	19.05	222	P	56 56.70	0.8
			eS	00 41.00	
PMG	19.82	280	eP	57 03.00	-1.5
CTA	20.80	249	iPd	57 14.40	-0.4
	0.9s	15.97nm		4.4mb	
			i	57 27.00	
			iS	01 04.00	
RMQ	21.32	230	eP	57 20.00	0.1
COO	21.86	217	eP	57 27.00	1.6
CMS	26.31	224	eP	58 08.00	-0.2
YOU	26.58	216	eP	58 10.90	0.3
CAN	27.00	214	eP	58 14.50	0.0
WAM	27.72	213	eP	58 21.40	0.4
STK	29.49	228	iPd	58 36.60	-0.4
			e	58 50.00	
WRA	31.80	254	P	58 44.00	-13.5X
	0.2s	0.70nm			
ASPA	32.79	247	eP	59 04.00	-2.1
MEK	46.99	246	eP	01 02.50	-1.2
MRWA	49.53	243	eP	01 22.00	-1.4
MAT	56.76	332	(P)	02 16.00	-0.9
			eS	10 15.00	
NJ2	64.65	316	Pd	03 10.00	-0.5
MDJ	67.14	332	eP	03 26.30	0.1
TIA	68.29	318	eP	03 30.70	-2.9
CN2	68.52	329	Pc	03 35.00	0.1
PSI	69.34	278	ePd	03 40.20	-0.3
GYA	70.81	304	P	03 50.60	1.2
BJI	71.19	321	eP	03 51.50	0.3
TIY	72.22	317	Pc	03 58.50	0.9
XAN	72.69	312	eP	04 00.60	0.2
KMI	73.44	302	Pc+	04 06.00	0.8
CHG	74.32	294	iPc	04 10.20	0.1
	0.9s	10.50nm		4.8mb	
CD2	75.07	307	eP	04 15.20	0.9
SPA	76.48	180	iPd	04 21.10	-0.7
	0.6s	4.88nm		4.7mb	
LZH	77.33	312	P	04 28.50	1.5
GTA	81.66	314	iPc	04 51.20	1.0
SHL	82.75	298	iP	04 56.50	0.3
LSA	84.69	302	Pd	05 06.60	0.2
COL	85.39	18	eP	05 10.00	1.5
EUR	88.85	49	iP	05 44.20	18.0X
	0.7s	2.36nm			
PKI	88.88	299	iPd	05 27.20	0.5
	0.5s	20.00nm		5.7mb	
KKN	89.05	299	iPd	05 28.00	0.7
	0.5s	18.00nm		5.7mb	
DMN	89.15	299	iPd	05 28.80	0.9
	0.4s	33.00nm		6.0mb	
WMQ	91.71	315	eP	05 40.20	1.0
KJF	122.17	340	ePKP	11 26.00	0.0
SUF	123.68	340	iPKP	11 28.00	-1.0
	0.5s	2.00nm			
NUR	125.71	338	ePKP	11 33.00	0.0
MTD	126.55	237	iPKPc	11 35.70	-0.4
BUL	127.03	232	iPKP	11 36.50	-0.5
HFS	129.56	343	ePKP	11 39.40	-1.0
	0.4s	1.40nm			
LSZ	130.11	236	iPdiff	08 43.30	11.5X
SLE	141.50	337	ePKP	11 59.20	-4.0X
LBF	143.79	340	ePKP	12 05.50	-1.7
SSF	143.87	341	ePKP	12 05.20	-2.0X
SOB1	144.27	128	ePKP	12 06.50	-2.4X
			e	12 31.60	
			e	12 43.10	
BGF	144.53	341	iPKPc	12 06.80	-1.6
	0.7s	4.80nm			
TCF	144.97	341	ePKP	12 08.90	-0.3
LSF	145.21	342	ePKP	12 09.40	-0.2
MFF	145.36	344	ePKP	12 09.60	-0.2

0.6s 6.10nm
CVF 145.47 331 ePKP 12 09.90 -0.2
0.5s 13.10nm
FRF 145.68 334 iPKPc 12 10.80 0.4
0.6s 9.00nm
LRG 145.89 334 ePKP 12 11.50 0.7
LMR 145.92 334 ePKP 12 11.40 0.6
ITR 146.42 130 ePKP 12 13.00 0.5
BNG 147.51 257 iPKPd 12 13.10 -1.2
0.8s 49.00nm
ic 12 16.00
id 12 27.50
S.D. = 1.0 on 58 of 64 obs.

DEC 23, 1985 01h 32m 32.48± 1.06s
5.117 N ± 5.0km 125.242 E ± 7.0km
DEPTH = 244.0 ± 11.2 km
5.1mb (21 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

PPR 7.94 306 ePd 34 25.00 -0.8
AAI 9.23 161 ePc 34 37.00 -5.3X
e(S) 34 45.70
MAN 10.33 337 eP 34 56.00 -0.3
MKS 11.77 209 iPd 35 15.00 0.5
e 36 07.00
TLE 13.05 145 ePc 35 31.10 0.7
SLKI 14.35 155 eP 35 41.80 -4.5X
TRT 17.90 225 iPc 36 26.50 -0.3
1.0s 188.40nm 5.6mb
TZZ 19.00 123 eP 36 37.00 -1.2
OIZ 20.41 314 P 36 52.70 0.4
KNA 21.02 171 iPd 36 57.50 -0.7
KGM 22.09 263 iPd 37 11.30 2.6X
0.7s 88.00nm 5.4mb
i 37 23.70
IPM 24.14 270 ePd 37 29.10 1.0
0.9s 55.90nm 5.1mb
e 38 24.90
PCT 25.30 294 eP 37 40.00 1.3
PPI 25.43 258 eP 37 39.50 -0 4
0.7s 199.50nm 5.8mb
LOE 26.05 300 eP 37 46.00 0.4
PSI 26.37 266 iPc 37 50.30 1.9
0.8s 106.20nm 5.5mb
WRA 26.46 160 Pd 37 47.60 -1.7
0.8s 26.70nm 4.9mb
WB2 26.47 160 iPd 37 47.20 -2.1
eS 42 03.00
MBL 26.65 191 eP 37 50.00 -0.9
NST 26.80 295 eP 37 53.50 1.2
CHG 29.04 300 iPc 38 13.20 0.8
0.8s 44.03nm 5.2mb
ASPA 29.83 164 iPd 38 18.40 -0.9
0.2s 151.00nm 6.3mb X
WBN 31.10 178 iPc 38 30.40 0.1
MEK 32.20 191 iPd 38 39.00 -0.9
CTA 32.47 141 iPd 38 42.00 -0.2
0.9s 13.45nm 4.6mb
i(PcP) 41 25.10
i(ScP) 44 19.90
XAN 32.52 334 eP 38 40.50 -2.1
pP 39 20.80 194kmX
CD2 32.66 324 eP 38 46.30 2.5
MRWA 35.28 194 iPd 39 05.30 -0.7
0.5s 110.00nm 5.7mb
BJI 35.72 348 eP 39 11.50 2.0
KLG 35.88 186 iPd 39 10.20 -0.8
BAL 36.45 192 iPd 39 15.30 -0.5
KLB 37.19 191 iPd 39 21.70 -0.4
SHL 37.86 306 iP 39 28.00 0.0
MUN 37.88 193 iPd 39 27.50 -0.3
0.5s 128.00nm 5.7mb
NWAO 38.59 191 iPd 39 34.00 0.4
0.4s 66.00nm 5.5mb
MDJ 39.52 5 eP 39 40.60 -0.5
RKG 39.74 191 eP 39 38.30 -4.8X
0.3s 39.00nm 5.4mb
STK 39.95 158 iPd 39 45.30 0.5
0.5s 27.00nm 4.9mb
LSA 40.41 311 Pc 39 49.20 0.0
GTA 41.15 330 P 39 54.00 -0.8
CMS 41.36 153 iPd 39 56.60 0.3
ADE 41.84 163 iPd 40 01.50 1.2
0.6s 77.33nm 5.3mb
BRS 41.86 142 P 40 00.50 0.0
PKI 43.96 305 eP 40 17.60 -0.3
0.5s 14.00nm 4.6mb
KKN 44.15 305 eP 40 19.10 -0.1
0.5s 28.00nm 4.9mb
DMN 44.22 305 eP 40 19.80 -0.1
0.7s 24.00nm 4.7mb
YOU 44.86 153 iPd 40 25.80 1.3
BFD 45.07 160 iPc 40 27.00 1.0
CAN 46.01 153 iPd 40 35.00 1.5
iPcP 42 07.40
TOO 46.47 158 iPd 40 38.60 1.5
WAM 46.68 154 iPd 40 40.30 1.6
iPcP 42 10.00
HYB 47.26 289 ePd 40 43.40 -0.1
KOD 47.58 279 eP 40 27.50 -18.9X
GBA 47.84 284 P 40 48.20 0.2
DZM 48.54 125 iPc 40 53.00 -0.4
WMQ 50.75 325 P 41 09.60 -0.2
NDI 51.12 303 eP 41 11.00 -1.8
IR2 74.32 305 eP 43 44.00 -1.3
COL 84.11 25 eP 44 38.00 1.1
KJF 88.71 334 eP 44 58.00 -1.2
INK 89.42 21 eP 44 44.00 -18.4X
SUF 89.65 333 iP 45 02.30 -1.3
0.3s 3.40nm 4.8mb
NUR 90.78 331 iP 45 07.20 -1.6
HFS 96.11 332 eP 45 32.50 -0.8
0.5s 2.20nm 4.7mb
KRI 96.84 254 eP 45 36.70 -0.8
NB2 96.89 333 P 45 34.40 -2.5
0.7s 2.30nm 4.6mb
BUL 97.95 250 iPd 45 43.30 0.8
0.7s 4.45nm 4.9mb
YKA 98.85 24 eP 45 47.70 2.0
JCT 124.25 48 iPKP 51 05.80 1.5
0.8s 14.18nm
KIC 128.79 282 ePKP 51 14.30 0.9
S.D. = 1.1 on 64 of 70 obs.

* DEC 23, 1985 02h 00m 03.41± 2.27s
32.883 S ± 8.4km 71.600 W ±19.9km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

ROCH 0.50 100 iPd 00 13.00 -1.3
iS 00 22.10
PEL 0.81 109 iPd 00 18.40 -0.1
iS 00 31.50
JACH 0.87 77 iPc 00 17.70 -1.7
TACH 0.95 144 iP 00 20.00 -0.4
SAN 0.97 126 iPd 00 20.70 -0.1
iS 00 37.50
BACH 1.04 117 iPd 00 21.60 -0.2
iS 00 39.00
LNV 1.08 172 iPd 00 21.30 -1.0
PCH 1.17 129 iP 00 24.10 0.5
iS 00 43.20
FCH 1.19 112 iPc 00 24.10 0.1
iS 00 42.00
CHCH 1.31 143 iPc 00 26.50 0.9
iS 00 47.00
RTCB 2.75 60 eP 00 46.90 0.6
ZON 2.81 62 eP 00 48.00 0.9
RTLL 3.07 61 ePc 00 50.80 0.0
S 01 32.60
CFA 3.12 67 ePc 00 51.50 0.0
S 01 35.40
RFA 3.22 127 ePc 00 54.50 1.6
SLA 9.73 35 e(P) 02 34.00 9.7X
S.D. = 0.9 on 15 of 16 obs.

? DEC 23, 1985 02h 28m 20.04±13.56s
14.097 N ±179.km 141.946 E ±74.7km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
MARIANA ISLANDS REGION (215)

PJG 2.88 100 e(P) 29 05.50 0.8
GUA 2.93 101 e(P) 29 04.50 -0.9
1.0s 432.00nm
e(S) 29 07.00
MAN 20.22 274 eP 32 40.00 -15.2X
CTA 34.23 173 iPc 35 04.70 -0.4
0.9s 8.40nm 4.7mb
eS 40 14.00
WRA 34.64 193 Pd 35 08.40 -0.2
0.6s 5.40nm 4.7mb
BRS 42.56 166 P 36 15.20 0.6
DZM 43.23 146 iPc 36 20.20 0.0
S.D. = 0.8 on 6 of 7 obs.

DEC 23, 1985 02h 41m 08.93± 0.65s
50.218 N ± 6.3km 12.403 E ± 5.8km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.5 (GRF).

MOX 0.69 309 ePg 41 22.50 -0.1
iSg 41 31.50
GRF 0.96 237 ePg 41 27.30 0.1
eSg 41 39.70
eLg 41 42.20
CLL 1.15 17 iPg 41 30.40 0.1
iSg 41 45.70
BRG 1.15 55 iPg 41 30.40 -0.1
iSg 41 45.90
KHC 1.31 146 iPg 41 33.00 -0.1
Sg 41 50.00
PRU 1.36 99 Pg 41 34.00 0.1
Sg 41 51.90
S.D. = 0.1 on 6 of 6 obs.

DEC 23, 1985 03h 24m 48.67± 0.35s
50.211 N ± 4.1km 12.393 E ± 2.7km
DEPTH = 24.2 ± 3.7 km
GERMANY (543)
ML 4.4 (FUR), 4.3 (GRF), 4.1 (BNS), 4.2 (KBA), 4.5 (VKA). Felt (V) in the Cheb, Czechoslovakio area. Felt ot Selb.

HOF 0.35 287 iPgd 24 55.70 -0.7
MOX 0.66 312 iPg 25 01.50 0.0
iSg 25 10.00
GRF 0.92 236 iPgc 25 06.80 1.0
eSg 25 19.60
eLg 25 22.00
WET 1.11 163 iPd 25 09.30 0.5
CLL 1.17 19 iPg 25 09.70 0.2
iSg 25 25.60
BRG 1.19 56 iPg 25 10.00 0.1
iSg 25 25.00
KHC 1.33 144 iPg 25 12.50 0.7
0.5s 175.50nm
iSg 25 29.90
PRU 1.40 98 iPnc 25 12.70 -0.1
Pg 25 13.60
Sg 25 31.90
eSg 29 15.00
FUR 2.17 200 ePn 25 24.00 0.0
BHG 2.51 172 ePn 25 29.80 0.9
STU 2.53 237 iPnd 25 28.80 -0.3
0.3s 38.96nm
ePg 25 35.40
TNS 2.53 272 ePn 25 32.50 3.3X
ePb 25 38.50
iSg 26 09.00
KSP 2.57 74 iPn 25 29.50 -0.1
0.7s 152.00nm
iPg 25 35.00
iS 26 01.80
GAP 2.87 198 iPgc 25 44.30 10.4X
KBA 3.20 168 iPnd 25 39.00 0.3
iPg 25 48.80
iSg 26 30.80
VKA 3.23 126 iPnd 25 39.10 0.2
iPg 25 49.00
iSg 26 30.70
OGA 3.47 196 ePn 25 42.50 -0.1
SLE 3.55 228 ePc 25 41.90 -1.6
SAX 3.58 215 ePc 25 44.80 0.5
SOP 3.73 131 ePc 25 45.80 -0.3
CDF 3.80 244 Pn 25 47.50 0.4
Pg 26 01.50
Sg 26 51.00
ZUL 3.80 226 ePc 25 47.70 0.6
OSS 3.83 204 ePd 25 47.20 -0.5
GSH 3.88 280 iP 25 48.60 0.5
iS 26 48.80
WTS 3.95 299 ePn 25 54.00 4.9X
0.8s 6.00nm
ePg 26 05.00
eSg 27 04.00
LLS 4.03 215 ePd 25 50.40 -0.2

23d 03h

WLF	4.07	265	Pn	25 52.60	1.8
			e	26 57.00	
MEM	4.10	278	Pn	25 53.80	2.4X
ENN	4.17	280	ePg	25 54.50	2.2X
	0.6s		10.00nm		
VDL	4.21	209	ePc	25 52.50	-0.5
VOY	4.30	166	iPn	25 55.60	1.3
			ePg	26 09.50	
			eSn	26 46.10	
			iSg	27 06.30	
BSF	4.39	239	Pn	25 55.20	-0.3
			Pg	26 12.50	
LJU	4.41	160	ePn	25 55.90	0.2
	0.7s		140.00nm		
			ePg	26 12.30	
			e	26 56.80	
			eSg	27 07.80	
HAU	4.54	243	Pn	25 57.20	-0.5
			Pg	26 14.00	
			Sg	27 13.20	
SRO	4.58	119	ePn	25 58.10	0.0
			e(Sn)	26 48.80	
			i	27 15.20	
TRI	4.60	168	e(Pn)	25 59.40	1.0
			i(Sn)	26 51.00	
			i(Sg)	27 16.60	
CEY	4.68	162	e(Pn)	25 58.80	-0.8
			ePg	26 17.60	
			eSg	27 13.70	
TMA	4.73	211	ePd	26 01.80	1.3
KRA	4.86	89	ePn	26 20.10	18.1X
			iSn	27 15.80	
DOU	5.02	272	Pn	26 05.70	1.4
			e	26 14.80	
			é	26 23.50	
MMK	5.11	217	ePc	26 04.50	-1.3
SPC	5.20	98	eP	26 33.30	26.3X
			e	27 30.00	
PSZ	5.44	112	ePn	26 09.00	-1.3
LPG	6.05	221	Pn	26 17.50	-1.7
	0.8s		51.00nm	5.3mb	X
			Pg	26 44.00	
LOR	6.37	246	Pn	26 23.20	-0.2
	0.5s		57.00nm	5.7mb	X
			Pg	26 50.00	
			Sg	28 13.00	
LBF	6.45	243	Pn	26 24.50	0.0
	0.6s		70.00nm	5.7mb	X
			Pg	26 49.80	
			Sg	28 13.80	
SSF	6.68	245	Pn	26 27.00	-0.7
	0.6s		60.00nm	5.7mb	X
			Pg	26 54.90	
			Sg	28 21.20	
SMF	6.72	241	Pg	26 54.00	25.7X
			Sg	28 22.50	
GRC	6.82	248	iPnc	26 31.00	1.4
			iPg	26 59.40	
			iSg	28 23.20	
AVF	6.91	244	Pg	26 58.00	27.0X
	0.8s		70.00nm		
BGF	7.33	244	Pn	26 35.00	-1.9
			Pg	27 07.00	
			Sg	28 41.50	
MZF	7.67	242	Pg	27 12.00	30.3X
	0.8s		75.00nm		
			Sg	28 52.00	
TCF	7.85	244	Pg	27 16.00	31.9X
	0.6s		49.00nm		
			Sg	28 56.50	
LSF	8.26	246	Pg	27 24.90	35.0X
	0.6s		20.00nm		
			Sg	29 09.70	
SUF	14.61	26	eP	28 19.00	3.5X
	S.D. = 0.9		on 42 of 55 obs.		

DEC 23, 1985 03h 49m 24.36± 0.66s
50.232 N ± 6.4km 12.446 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.3 (GRF).

MOX	0.67	308	&Pg	49 37.50	-0.2
			iSg	49 46.50	
GRF	0.96	236	iPgc	49 42.90	0.3
			&Sg	49 55.40	
			&Lg	49 58.00	
CLL	1.14	18	iPg	49 45.60	0.0
			i$g	50 01.20	
BRG	1.15	56	iPg	49 46.00	0.1
			i$g	50 01.20	
KHC	1.33	146	iPg	49 48.50	-0.4
			$g	50 06.30	
PRU	1.37	99	Pg	49 49.70	0.2
			Sg	50 08.00	
	S.D. = 0.3		on 6 of 6 obs.		

DEC 23, 1985 03h 57m 20.10± 0.51s
50.236 N ± 4.9km 12.431 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.6 (GRF).

HOF	0.36	283	iPgd	57 27.50	-0.1
MOX	0.66	309	ePg	57 33.00	-0.3
			i$g	57 42.00	
GRF	0.95	236	iPgc	57 38.60	0.4
			e$g	57 51.10	
			eLg	57 53.60	
WET	1.13	165	ePg	57 41.30	0.0
CLL	1.14	18	iPg	57 41.70	0.4
			i$g	57 56.40	
BRG	1.16	56	iPg	57 41.50	-0.2
			i$g	57 56.60	
KHC	1.33	146	iPg	57 44.40	-0.3
			i$g	58 02.00	
PRU	1.38	100	Pgc	57 45.60	0.2
			Sg	58 03.00	
	S.D. = 0.3		on 8 of 8 obs.		

DEC 23, 1985 04h 04m 51.64± 0.60s
50.236 N ± 5.3km 12.423 E ± 5.8km
DEPTH = 17.7 ± 10.3 km
GERMANY (543)
ML 3.5 (FUR), 3.1 (GRF).

HOF	0.36	283	iPgd	04 59.30	0.1
MOX	0.66	309	iPg	05 05.00	0.7
			iSg	05 14.00	
GRF	0.95	235	iPgc	05 10.20	0.9
			eSg	05 22.60	
			eLg	05 24.90	
CLL	1.14	19	iPg	05 12.50	0.1
			iSg	05 27.90	
BRG	1.16	56	iPg	05 13.40	0.5
			iSg	05 28.70	
KHC	1.34	145	iPg	05 15.70	0.2
			iSg	05 33.00	
PRU	1.39	99	Pn	05 16.20	0.1
			Pg	05 17.00	
			Sg	05 34.10	
			Sg	14 35.50	
FUR	2.20	200	iPgc	05 35.50	7.5X
KSP	2.54	75	iPn	05 32.00	-0.8
			iPg	05 38.50	
			iS	06 11.00	
TNS	2.55	271	ePb	05 40.30	7.3X
			eSg	06 12.10	
GAP	2.90	199	ePg	05 47.10	9.2X
KBA	3.22	169	iPnd	05 42.80	0.3
SLE	3.58	228	eP	05 58.50	11.0X
SAX	3.62	215	eP	06 00.80	12.5X
ZST	3.68	122	i(Pg)	06 45.40	56.4X
CDF	3.83	244	Pn	05 51.00	-0.1
	0.4s		41.00nm		
			Pg	06 04.00	
			Sg	06 52.50	
ZUL	3.83	226	eP	06 04.60	13.5X
OSS	3.86	204	eP	05 50.40	-1.2
WTS	3.95	299	e(Pg)	06 14.50	21.9X
			eSg	07 08.00	
LLS	4.07	215	eP	06 09.50	15.0X
WLF	4.09	264	eP	06 06.00	11.4X
MEM	4.12	278	eP	06 14.90	19.8X
ENN	4.18	280	e(Pg)	06 16.50	20.5X
			iSg	07 05.00	
VDL	4.24	209	eP	06 13.60	16.6X
VOY	4.32	166	ePn	06 15.20	17.1X
			e(Sn)	06 57.00	
			iSg	07 18.90	
BSF	4.42	239	Pg	06 15.00	15.6X
	0.4s		41.00nm		
			Sg	07 11.00	
HAU	4.57	243	Pg	06 17.50	15.9X
	0.4s		39.00nm		
			Sg	07 15.20	
CEY	4.70	163	eP	06 52.20	48.8X
			e(Sg)	07 20.70	
TMA	4.77	211	eP	06 23.10	18.6X
DOU	5.03	271	eP	06 19.40	11.4X
LOR	6.39	246	Pg	06 52.30	25.0X
			Sg	08 13.50	
LBF	6.48	243	Pg	06 53.00	24.5X
			Sg	08 15.00	
SSF	6.71	245	Pg	06 58.00	26.3X
			Sg	08 24.00	
	S.D. = 0.7		on 11 of 33 obs.		

DEC 23, 1985 04h 27m 06.86± 0.34s
50.177 N ± 3.7km 12.353 E ± 2.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 4.5 (FUR), 4.3 (GRF), 4.4 (BNS), 4.2 (KBA), 4.8 (VKA). Felt (V) ot Rehou and (III) ot Regensburg. Felt (V) in the Cheb, Czechoslovakio oreo.

HOF	0.33	294	iPgd	27 15.80	2.0
MOX	0.67	315	iPg	27 21.60	1.5
			iSg	27 30.50	
GRF	0.88	237	iPgc	27 27.00	3.3X
			eSg	27 39.70	
			eLg	27 41.70	
WET	1.09	161	iPgd	27 29.40	2.1
CLL	1.21	20	iPg	27 29.50	0.2
			iSg	27 44.80	
BRG	1.23	55	iPgc	27 30.40	0.6
			iSg	27 45.00	
KHC	1.32	142	iPg	27 32.50	1.3
	0.5s		530.00nm		
			eSg	27 50.00	
PRU	1.42	97	iPn	27 32.50	-0.2
			Pg	27 33.80	
			Sg	27 50.50	
FUR	2.13	200	iPnc	27 44.00	1.0
BHG	2.48	172	iPnc	27 50.00	2.0
STU	2.49	237	iPnc	27 48.50	0.4
	0.4s		67.80nm		
			ePg	27 55.00	
TNS	2.51	273	ePn	27 51.30	2.9X
			iPb	27 56.20	
			iSg	28 29.00	
KSP	2.60	74	ePn	27 49.50	-0.2
	0.6s		150.00nm		
			iPg	27 56.00	
			iS	28 26.00	
GAP	2.83	198	iPgd	28 04.30	11.3X
KBA	3.17	168	iPnd	27 59.00	1.1
	0.5s		4.80nm		
			iPg	28 08.80	
			i(Sn)	28 34.30	
			i	28 49.80	
			iSg	28 51.80	
			i	33 14.20	
			iSg	33 42.60	
			i	33 46.60	
VKA	3.23	125	iPnd	27 59.20	0.7
			iPg	28 08.50	
			iSg	28 51.10	
BNS	3.39	285	ePn	28 02.30	1.4
	0.6s		700.00nm		
			eSg	28 54.80	
			e	28 57.00	
OGA	3.43	195	ePn	28 02.20	0.6
SLE	3.50	228	ePd	28 01.50	-1.0
SAX	3.54	215	ePd	28 02.70	-0.5
ZST	3.69	121	iPn	28 04.60	-0.6
			i(Pg)	28 13.50	
			i(Lg)	29 03.00	
SOP	3.73	130	eP	28 04.10	-1.6
ZUL	3.76	226	ePc	28 05.20	-1.0
CDF	3.76	244	Pn	28 07.20	0.9
			Sg	29 10.00	
OSS	3.79	204	ePd	28 06.90	0.2
GSH	3.86	281	iPd	28 08.90	1.4
			iS	29 09.00	
WTS	3.94	300	ePnc	28 10.50	1.9X
	0.6s		28.00nm		
			ePg	28 27.50	
			e	28 56.00	

			eSg	29	13.50	
LLS	3.99	215	ePd	28	08.80	-0.8
WLF	4.04	265	Pn	28	11.50	1.5
			e	29	17.00	
			e	35	34.50	
MEM	4.08	279	Pn	28	12.00	1.4
			e	35	34.80	
ENN	4.15	281	iPnc	28	12.50	0.9
	0.7s		10.00nm			
			ePg	28	29.00	
			iSg	29	21.70	
VDL	4.16	209	ePc	28	12.30	0.3
VOY	4.27	165	iPn	28	15.10	1.6
			iPg	28	30.00	
			eSn	29	03.60	
			i	29	29.50	
BSF	4.35	239	Pn	28	13.20	-1.4
			Pg	28	31.80	
			Sg	29	30.00	
LJU	4.39	160	iPn	28	13.80	-1.2
	1.0s		460.00nm			
			iPg	28	31.40	
			e(Sn)	29	05.50	
			iSg	29	25.80	
WIT	4.43	309	ePg	28	34.00	18.5X
			e	28	41.00	
			e	29	16.00	
			eSg	29	26.50	
HAU	4.50	243	Pn	28	16.80	0 1
			Pg	28	34.50	
			Sg	29	32.50	
TRI	4.57	167	ePnc	28	18.40	0.8
			iSn	29	12.10	
			i	29	41.40	
SRO	4.58	119	ePn	28	15.80	-1.9
			e	28	33.10	
			e	29	10.50	
			i	29	25.80	
CEY	4.65	162	ePn	28	19.40	0.5
	0.7s		164.00nm			
			iPg	28	36.70	
			eSg	29	37.20	
TMA	4.69	211	ePc	28	20.30	0.8
KRA	4.88	89	ePn	28	39.10	17.1X
			iSn	29	36.30	
DOU	4.99	272	Pnc	28	25.00	1.5
			e	35	24.70	
MMK	5.07	217	ePd	28	24.20	-0.6
BUD	5.16	119	ePn	28	25.00	-1.0
SNF	5.18	277	eP	28	48.40	22.2X
SPC	5.22	98	eP	28	36.00	9.1X
			e	29	51.10	
DIX	5.27	221	ePc	28	27.30	-0.4
PSZ	5.45	112	ePn	28	29.20	-0.9
LPG	6.01	221	Pg	29	05.00	26 8X
	0.6s		56.00nm			
LOR	6.33	246	Pn	28	41.50	-1.0
	0.5s		68.00nm			5.8mb X
			Sg	30	29.70	
LBF	6.41	243	Pn	28	43.20	-0.4
			Pg	29	10.80	
			Sg	30	32.50	
FIR	6.45	187	eP	28	48.00	3.9X
SSF	6.64	245	Pn	28	46.00	-0.8
			Pg	29	14.30	
			Sg	30	39.00	
SMF	6.68	241	Pn	28	46.20	-1.2
			Pg	29	14.00	
			Sg	30	44.00	
GRC	6.78	248	iPnc	28	48.00	-0.8
			iPg	29	17.90	
			iSg	30	46.00	
AVF	6.87	244	Pn	28	48.40	-1.7
	0.6s		67.00nm			5.9mb X
			Pg	29	18.20	
			Sg	30	49.40	
BGF	7.29	244	Pn	28	54.60	-1.4
			Pg	29	27.20	
			Sg	31	00.00	
MZF	7.64	242	Pn	29	00.50	-0.3
	0.7s		84.00nm			6.1mb X
			Pg	29	33.20	
			Sg	31	11.80	
TCF	7.81	244	Pn	29	01.50	-1.7
	0.8s		81.00nm			6.0mb X
			Sg	31	17.00	
ISY	10.68	308	eP	29	42.20	-0.6

	0.3s		3.00nm			5.2mb X
EBL	10.83	307	eP	29	43.10	-1.8
	0.4s		4.00nm			5.1mb X
EBH	11.27	309	e(P)	29	48.50	-2.4
SUF	14.66	26	eP	30	36.00	0.2
	S.D. = 1.2		on 54 of 64 obs.			

DEC 23, 1985 04h 33m 23.62± 0.44s
50.237 N ± 4.3km 12.431 E ± 4.1km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.2 (FUR), 3.1 (GRF), 3.2 (KBA), 3.5 (VKA).

HOF	0.36	282	iPgc	33	31.00	-0.1
MOX	0.66	308	iPg	33	36.50	-0.3
			iSg	33	45.50	
GRF	0.95	236	iPgc	33	42.00	0.2
			eSg	33	54.40	
			eLg	33	56.80	
WET	1.13	165	iPgc	33	44.80	0.0
CLL	1.13	18	iPg	33	45.10	0.3
			iSg	34	00.80	
BRG	1.16	56	iPgc	33	45.30	0.0
			iSg	34	00.10	
KHC	1.33	146	Pg	33	47.70	-0.6
			Sg	34	05.00	
PRU	1.38	100	Pg	33	49.00	0.1
			Sg	34	06.40	
FUR	2.21	200	iPgc	34	07.30	6.4X
TNS	2.56	271	ePb	34	14.10	8.3X
			eSg	34	43.40	
KBA	3.22	169	e(Pn)	34	16.00	0.6
			iSg	35	06.30	
VKA	3.22	126	ePn	34	15.00	-0.2
			iPg	34	24.70	
			iSg	35	06.10	
HAU	4.58	243	Pg	34	49.20	14.7X
	0.4s		16.00nm			
			Sg	35	47.30	
	S.D. = 0.4		on 10 of 13 obs.			

DEC 23, 1985 04h 46m 50.15± 0.72s
50.190 N ± 6.9km 12.429 E ± 6.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.6 (GRF).

MOX	0.69	312	iPg	47	03.00	-0.8
			iSg	47	12.00	
GRF	0.93	238	iPgc	47	08.40	0.6
			eSg	47	20.80	
			eLg	55	33.20	
			e	55	45.80	
			e	55	48.20	
CLL	1.18	18	e(Pg)	47	13.00	0.9
			iSg	47	26.60	
BRG	1.19	54	ePg	47	12.00	-0.3
			eSg	47	26.20	
KHC	1.30	144	Pg	47	14.00	-0.2
			Sg	47	32.00	
PRU	1.38	98	Pg	47	15.20	-0.1
			eSg	47	33.70	
	S.D. = 0.8		on 6 of 6 obs.			

* DEC 23, 1985 04h 55m 14.78± 0.74s
50.246 N ± 6.7km 12.448 E ± 6.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.67	307	ePg	55	28.00	0.0
			eSg	55	37.00	
GRF	0.97	235	ePg	55	33.20	0.0
			eSg	55	45.80	
CLL	1.12	18	iPg	55	35.80	0.0
			iSg	55	50.80	
BRG	1.14	56	iPg	55	36.20	0.0
			iSg	55	51.10	
KHC	1.34	146	ePg	55	39.40	0.0
			Sg	55	57.00	
	S.D. = 0.0		on 5 of 5 obs.			

DEC 23, 1985 05h 07m 06.91± 0.65s
50.236 N ± 6.2km 12.420 E ± 5.8km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.66	309	ePg	07	20.00	0.0
			iSg	07	29.00	
GRF	0.95	235	ePgc	07	25.00	0.0
			eSg	07	37.40	
			eLg	07	39.80	
CLL	1.14	19	iPg	07	28.20	0.0
			iSg	07	43.80	
BRG	1.16	56	iPg	07	28.60	0.0
			iSg	07	43.50	
KHC	1.34	145	ePg	07	31.50	-0.1
			Sg	07	48.40	
PRU	1.39	99	Pg	07	32.40	0.1
			Sg	07	50.60	
	S.D. = 0.1		on 6 of 6 obs.			

DEC 23, 1985 05h 16m 03.33± 0.09s
62.222 N ± 1.6km 124.239 W ± 2.1km
DEPTH = 6.0km (geophysicist)
6.4mb (60 obs.) 6.9Msz (28 obs.)
NORTHWEST TERRITORIES, CANADA (679)
Ms 6.6 (BRK). Felt (VI) at Fort Simpson and Wrigley. Felt strongly at Fort Liard. Some people fled from buildings in Edmonton, Alberta, about 1100 km from the epicenter. Felt in parts of Yukon Territory, British Columbia, Alberta, Saskatchewan and Manitoba. Felt (III) at Comas, Washington; Grand Forks, North Dakota and Metlakatla, Alaska; (II) at Juneau, Alaska and Helena, Montana. Also felt at Spokane, Washington. Depth from broadband displacement seismograms.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=358 Dip=72 Slip= 90
NP2: 178 18 90
Principal Axes:
T Plg=63 Azm=268
P 27 88
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 2 No. of sta: 14
Moment Tensor; Scale 10**26 d-cm
Mrr= 0.87 Mtt= 0.68
Mff=-1.56 Mrt=-0.72
Mrf= 1.79 Mtf= 0.19
Principal axes:
T Val= 2.05 Plg=57 Azm=226
N 0.53 16 341
P -2.58 29 80
Best Double Couple:Mo=2.3*10**26
NP1:Strike=206 Dip=22 Slip= 137
NP2: 337 75 74
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 33C M.W.: 13S, 35C
Centroid Location:
Origin Time 05:16:11.1 0.2
Lat 62.33N 0.02 Lon 123.79W 0.03
Dep 14.7 0.7 Half-duration 9.5
Moment Tensor; Scale 10**26 D-CM
Mrr= 1.64 0.02 Mtt=-0.30 0.02
Mff=-1.34 0.02 Mrt= 0.18 0.06
Mrf= 0.03 0.06 Mtf= 0.22 0.01
Principal Axes:
T Val= 1.65 Plg=84 Azm=349
N -0.27 6 168
P -1.38 0 258
Best Double Couple:Mo=1.5*10**26
NP1:Strike=354 Dip=45 Slip= 98
NP2: 163 45 82

FST1	1.47	106	Pg	16	31.10	0.7
YKA	4.50	82	eP	17	12.20	-1.3
RSNT	4.50	82	iP	17	12.40	-1.2
YKC	4.56	82	eP	17	13.00	-1.4
DWY	7 12	292	P	17	48.10	-2.5
INK	7.24	332	eP	17	48.00	-4.1X
SIT	7.63	232	eP	17	57.10	-0.6
YAH	8.63	265	e(P)	18	12.40	0.6

23d 05h

TOA	10.25	279	eP	18	35.90	2.0				eLg	27	31.00			0.9s	63.00nm		5.6mb					
EDM	10.72	142	eP	18	35.80	-4.6X				eSS	31	20.00		ESY	53.71	36 eP	25	27.00	-0.7				
COL	10.81	295	eP	18	39.00	-2.6X	RVR	28.58	168	iP+	21	56.00	-5.9X		0.9s	42.00nm		5.4mb					
FBA	10.81	295	eP	18	39.30	-2.3	TPC	28.61	166	eP	22	02.00	-0.2	EBL	53.72	37 ePc	25	27.10	-0.6				
PME	11.67	278	ePc	18	53.80	0.5	PLM	29.27	167	iP	22	08.00	-0.3		0.8s	36.00nm		5.4mb					
PHC	11.68	190	eP	18	51.40	-1.9	ALQ	29.52	149	iPc+	22	11.00	0.5	HFS	53.79	25 eP	25	27.40	-0.7				
PMR	11.73	278	ePc	18	54.50	0.5		1.0s	300	.00nm		6.1mb			1.0s	248.10nm		6.2mb					
	1.1s	468	.80nm		6.7mb	X	GLA	29.80	164	iP	22	13.00	0.1	Z	20s	161.55um		7.1Msz					
PNT	13.19	167	eP	19	09.50	-4.1X	ACO	29.92	137	ePc	22	17.60	3.6X			LR	42	44.00					
IMA	13.33	390	eP	19	12.80	-2.8X	BAR	29.96	167	eP	22	15.00	0.7	EKA	54.07	37 P	25	30.00	-0.3				
MCW	13.60	176	P	19	18.00	-1.0X				e	32	05.00			1.1s	148.90nm		5.9mb					
FFC	13.80	113	ePd	19	13.70	-7.9X	SCH	29.97	78	eP	22	14.00	-0.2	ESK	54.07	37 ePd	25	28.20	-2.1				
	1.1s	195	.00nm		5.9mb	X	CBX	30.32	167	ePc	22	18.10	0.7		1.0s	240.00nm		6.2mb					
SES	13.89	143	eP	19	18.00	-4.9X	PCO	30.64	134	ePc	22	19.70	-0.6	OBI	54.25	295 eP	25	33.00	1.2				
MBC	14.19	5	eP	19	20.40	-6.2X	ENX	30.74	167	ePc	22	22.30	1.2			eS	33	09.00					
YKM	14.21	156	iPd	19	21.50	-5.7X	RRO	31.32	137	eP	22	25.40	-0.8	UPP	54.78	22 iPc	25	34.40	-1.0				
RXF	14.32	155	iPd	19	24.00	-4.6X		0.8s	160	.60nm		6.0mb			1.0s	600.00nm		6.6mb					
NEW	14.55	161	eP	19	27.00	-4.6X	ELF	31.41	107	P	22	26.95	0.0			i	25	37.00					
TTA	14.58	287	eP	19	30.60	-1.3X	OCO	31.54	135	eP	22	26.30	-1.9			iS	33	15.00					
LDM	14.68	156	iPd	19	28.50	-4.7X		1.0s	189	.70nm		6.0mb		SAP	54.94	297 eP	25	37.00	0.2				
GMW	14.73	176	P	19	31.80	-2.1	DLA	31.56	108	P	22	29.10	0.8			eS	33	26.00					
KDC	14.76	265	e(P)	19	34.80	0.7X	LDN	31.59	107	P	22	28.50	-0.1	STH	54.97	121 ePd	25	40.65	3.3X				
LHD	14.82	157	iPd	19	30.30	-4.8X	SIO	31.73	134	eP	22	28.50	-1.3	NUR	55.30	18 iP+	25	38.50	-0.8				
SVW	14.87	280	eP	19	34.90	-0.7	RLO	31.79	131	eP	22	29.10	-1.3		0.8s	255.20nm		6.3mb					
CLX	14.95	156	iPd	19	32.00	-4.9X	MEO	31.86	138	ePc	22	29.10	-1.9		Z 18s	226.00um		7.3Msz					
HRY	17.08	150	ePc	19	59.00	-5.1X	FVM	31.89	124	iP	22	31.00	-0.3			i	25	44.00					
BUT	17.57	152	eP	20	05.80	-4.6X	THI	31.90	118	eP	22	40.00	8.7X			ePP	27	48.00					
COR	17.68	178	iPc	20	11.00	-0.4				pP	22	52.00	46kmX			LR	49	50.00					
SXM	17.76	149	eP	20	08.40	-4.3X				S	28	30.00		ETA	55.46	41 iPc	25	39.20	-1.3				
LRM	17.78	152	eP	20	08.30	-4.7X	OTT	32.27	99	eP	22	34.60	0.2		0.8s	510.00nm		6.6mb					
LCCM	17.89	151	eP	20	09.50	-4.8X	VVO	32.29	133	eP	22	34.40	-0.4	ECB	55.57	41 iPc	25	41.00	-0.3				
CCMT	18.55	154	eP	20	20.30	-2.2X				i	22	35.60			0.8s	610.00nm		6.7mb					
SDN	19.79	266	eP	20	36.00	-0.8	MNT	33.16	96	iPc	22	42.00	-0.2	ECP	55.86	41 iPc	25	44.90	1.6				
RSON	20.10	110	iP	20	35.30	-4.8X		1.1s	320	.00nm		6.2mb			1.1s	640.00nm		6.6mb					
BDW	21.33	149	P	20	52.80	-0.4	SMY	33.22	282	e(P)	22	39.00	-3.6X	MUD	56.21	29 iP	25	49.40	3.6X				
FHC	21.45	179	iPc	20	54.80	0.6	Z	20s	25	.00um		5.9Msz			0.8s	180.00nm		6.2mb					
WDC	21.70	176	iPc	20	55.80	-0.8	RSNY	33.46	98	eP	22	44.90	0.0	COP	57.65	27 iPc+	25	56.10	0.0				
MIN	21.97	175	iPc	20	59.20	-0.3	DAG	33.81	24	iP	22	47.00	-0.5		1.2s	781.25nm		6.6mb					
BMN	22.23	166	iP	21	02.00	-0.1	INY	34.19	103	iPd	22	52.50	1.3		Z 18s	61.86um		6.8Msz					
ORV	22.70	175	iPc	21	06.60	-0.6	HNME	35.31	90	iP	23	01.00	0.3	AKI	58.22	295 eP	26	02.00	1.7				
EUR	23.32	164	iP	21	13.30	0.4	JCT	35.50	142	iP	23	02.00	-0.6			eS	34	12.00					
NWRM	23.81	177	P	21	18.60	1.3	LTX	35.55	148	iP	23	03.00	-0.1	MDJ	58.32	306 iPc	25	59.50	-1.4				
LHC	23.85	109	eP	21	18.00	0.3	RSCP	35.89	120	iP	23	05.40	-0.4	WIT	58.95	32 ePc	26	06.50	1.3				
MNA	24.11	168	iPc	21	21.50	1.0		1.2s	151	.72nm		5.7mb				epP	26	09.00	8kmX				
BKS	24.40	176	iP	21	23.90	0.7	KBS	36.74	13	iP+	23	14.00	1.6	D8N	59.21	34 iP+	26	07.00	0.0				
	1.1s	379	.00nm		6.0mb		HSP	38.78	13	eP	23	30.00	0.5		Z 21s	46.00um		6.6Msz					
Z	20s	179	.00um		6.6Msz					i	23	35.30				i	26	14.00					
N	20s	112	.00um							eS	29	30.00				ePP	28	22.00					
E	20s	134	.00um				STJ	41.35	76	eP	23	52.50	1.5			iS	34	19.00					
			eS	25	56.00			0.9s	352	.00nm		6.1mb				eSS	38	12.00					
			eLR	28	18.00		AKU	41.39	37	iP	23	53.80	2.7X			iSSS	40	56.00					
			e	33	36.00			2.1s	1680	.00nm		6.4mb		SJG	59.44	110 iPc	26	07.80	-1.2				
BRK	24.41	176	iPc	21	23.80	0.6	REY	41.40	40	iP	23	53.60	2.3		0.9s	302.52nm		6.4mb					
Z	20s	52	.00um		6.0Msz		TAC	46.18	146	eP	24	39.50	8.8X		Z 19s	97.22um		7.0Msz					
JAS1	24.44	173	iPc	21	23.80	0.3	UNM	46.25	146	iP	24	33.00	1.7	SJS	59.73	133 eP	26	10.50	-0.7				
			i	25	54.00		TPM	46.62	146	iPc	24	34.00	0.0	WTS	59.73	33 ePc	26	10.50	-0.1				
FRB	24.67	62	eP	21	07.00	-18.5X	KEV	46.75	13	iPc	24	33.90	-0.4		2.0s	575.00nm		6.4mb					
PCC	24.78	176	iPc	21	27.00	0.3				ePP	26	24.00				ipPc	26	13.50	10kmX				
ARN	24.96	175	P	21	29.60	1.0				eS	31	16.00				i	26	16.50					
MHC	24.96	175	iPc	21	29.50	0.8	HON	46.96	225	P	24	39.50	3.0X			ePcP	27	01.00					
ALE	25.20	16	ePc	21	30.10	-0.4	III	47.09	147	iP	24	36.00	-1.8	ICR	59.77	132 eP	26	11.10	-0.7				
	1.4s	1479	.00nm		6.5mb		SOD	48.98	14	iP	24	51.40	-0.4	JCR	60.14	132 eP	26	07.80	-6.1X				
GCC	25.26	176	iPc	21	31.70	0.4	SUE	51.06	29	eP	25	11.40	3.7X	UCC	60.18	35 Pc	26	13.00	-0.7				
GLD	25.29	144	iP	21	33.00	1.1	HYA	51.29	28	iP	25	16.00	6.6X			iS	34	28.00					
GOL	25.30	144	iP	21	32.20	0.1	ASK	51.67	29	eP	25	15.10	2.8X			SS	38	30.00					
FRI	25.41	172	iPc	21	33.10	0.3	BER	51.79	29	iP	25	18.20	5.0X			P'P'	55	47.00					
SAO	25.54	175	iPc	21	34.00	-0.1	QCM	52.08	125	eP	25	16.00	0.0	BUS	60.19	132 eP	26	12.50	-2.2				
LLA	25.71	174	iPc	21	36.40	0.7	KJF	52.16	15	iPc	25	15.20	-0.9	SNF	60.42	35 P	26	15.70	0.4				
PRS	25.98	175	iPc	21	38.40	0.3		0.9s	473	.10nm		6.4mb		JCK	60.51	33 iPc	26	15.60	-0.3				
CWC	26.09	169	eP	21	41.00	1.6				ePP	27	16.00		CN2	60.56	309 iPc	26	14.00	-2.4				
PRI	26.20	173	iPc	21	41.50	1.2				eS	32	40.00				pP	26	18.80	16kmX				
PHAM	26.52	173	iP	21	44.00	0.8	NB2	52.46	26	P	25	18.00	-0.5			PP	28	28.00					
ISA	26.83	170	iP+	21	46.00	0.0	ODD	52.48	29	iP	25	21.00	2.4			PPP	29	58.00					
			e	30	25.00		NRA0	52.81	25	P	25	21.40	0.4			S	34	25.00					
BCH	27.19	173	P	21	49.80	0.4	KMY	52.82	30	eP	25	25.80	4.8X	ENN	60.62	34 ePc	26	16.30	-0.4				
GSC	27.35	167	eP	21	51.00	0.2	ELO	52.92	37	ePc	25	20.80	-1.1		2.0s	750.00nm		6.5mb					
			e	30	48.00			0.9s	35	.00nm		5.3mb	X			ipPc	26	19.20	10kmX				
BLP	27.79	173	P	21	55.40	0.7	EAB	52.99	37	ePc	25	21.70	-0.7			i	26	22.00					
SYP	27.85	172	eP	21	55.00	-0.4		0.8s	24	.00nm		5.2mb	X			ePcP	27	04.50					
GDH	28.28	45	ePd	22	00.00	1.2	EDU	53.05	36	ePc	25	21.50	-1.3	FLN	60.65	39 iPc	26	16.30	-0.7				
	1.0s	160	.00nm		5.8mb			0.9s	27	.00nm		5.2mb	X		1.3s	473.80nm		6.5mb					
		i		26	45.00		EBH	53.17	37	ePc	25	22.90	-0.8	BNS	60.76	33 iPc	26	17.80	0.1				
		i		30	42.00			0.8s	50	.00nm		5.5mb			2.1s	2380.00nm		7.0mb					
MWC	28.29	169	iP+	22	00.00	0.5	SUF	53.39	16	iPc	25	24.50	-0.7			iPP	28	40.00					
PAS	28.36	169	eP	22	00.00	0.2		0.6s	134	.90nm		6.1mb				eS	34	40.50					
		ePg		22	50.00		KONO	53.40	27	iPd	25	26.00	0.7	GSH	60.77	34 iPc	26	17.40	-0.3				
		iPcP		25	18.00		EAU	53.54	37	ePc	25	25.70	-0.7	MEM	60.79	34 iPc	26	17.60	-0.2				

				P'P'	55	41.40			MZF		63.85	38	iPc	26	38.00	-0.4		FOUF	66.58	36	P	26	57.00	1.1	
KLL	60.83	34	iPc	26	17.60	-0.6			MDN		64.01	107	eP	26	39.58	-0.1		BUD	66.76	26	ePc	26	57.00	-0.1	
GRR	60.87	40	iPc	26	18.10	-0.4			KHC		64.02	29	iP	26	39.90	0.4		PRL	66.85	49	ePd	26	58.00	0.1	
DOU	60.88	35	Pc	26	19.40	0.9					1.7s	2240.00nm				7.1mb		VOY	67.00	30	iP	26	58.20	-0.5	
	0.9s	137.50nm				6.1mb			SLE		64.05	33	ePc	26	39.50	-0.2		CDR	67.00	37	ePd	26	58.80	-0.4	
			S	34	39.00				BBS		64.07	34	eP	26	40.00	0.2					i	26	59.50		
			e	35	08.40				ZUL		64.28	34	ePc	26	41.10	-0.1					i	27	03.20		
			P'P'	55	42.20				RJF		64.36	39	iPc	26	40.90	-0.8		BJI	67.14	314	iP+	26	58.00	-1.5	
LDF	60.91	39	iPc	26	18.10	-0.8			FUR		64.37	31	iPc	26	42.00	0.2			Z 18s		42.80um			6.7Msz	
LPF	61.14	40	iPc	26	19.90	-0.4				Z	18s	84.10um				7.0Msz			N 20s		74.50um				
TSK	61.16	293	eP	26	19.10	-1.5			LGN		64.38	119	iP	26	41.50	-0.6			E 20s		110.50um				
BGC	61.50	33	iPc	26	22.70	0.0			LFF		64.46	40	iPc	26	42.30	0.0					ePP	29	28.00		
WLF	61.69	34	P	26	16.00	-8.0X			KRA		64.50	25	iPc	26	42.50	0.0					ePPP	31	00.00		
			e	26	24.10						1.1s	726.00nm				6.8mb					S	35	47.00		
			e	30	27.00					Z	18s	77.10um				6.9Msz					eSKS	36	54.00		
			S	34	51.00					N	22s	107.00um									eSS	40	05.00		
			P'P'	55	41.20					E	22s	56.00um						LJU	67.14	30	eP	26	59.00	-0.5	
MAT	81.70	295	iPc+	26	23.30	-1.0							i	26	47.60						eS	35	27.00		
	1.8s	1113.64nm				6.7mb							i	26	51.40			CEI	67.25	24	eP	27	07.00	6.9X	
			eS	34	51.00								i	26	55.70			TRI	67.27	31	eP	26	59.10	-1.2	
DDR	61.74	294	eP	26	23.50	-1.1							iS	35	25.00						i	23	24.00		
TNS	61.77	32	ePc	26	24.60	0.0			FDF		64.63	107	eP	26	42.34	-1.5					iS	35	56.00		
			eS	34	51.00								S	35	57.00						iSS	40	16.00		
CLL	61.85	29	iPc	26	24.60	-0.4			CRM		64.72	107	eP	26	43.86	-0.5		CHN	67.39	126	iP	27	01.00	-0.6	
	2.1s	1250.00nm				6.7mb			SAX		64.74	33	ePc	26	44.70	0.2		FRF	67.44	37	iPc	27	01.70	0.3	
	Z 17s	69.50um				6.9MszX			PTO		64.79	49	iP	26	39.70	-4.8X		LRG	67.45	37	iPc	27	01.70	0.2	
			eS	34	48.00								iS	35	16.00			TOL	67.48	46	iP	27	02.00	0.2	
			P'P'	55	38.80				LPO		64.83	40	iPc	26	44.50	-0.2					iPP	29	40.00		
MOX	62.15	30	iPc	26	27.00	-0.1			BIM		64.86	107	eP	26	45.44	0.2					iS	35	56.00		
	2.1s	1889.00nm				6.9mb			CAF		64.87	39	iPc	26	44.80	-0.3					iSS	39	44.00		
	Z 18s	45.00um				6.7Msz			MVM		64.90	107	eP	26	44.83	-0.7		LMR	67.61	37	iPc	27	02.90	0.4	
	N 17s	48.00um							GAP		64.96	32	eP	26	46.30	0.7		FUQ	67.65	124	iP	27	01.00	-2.4	
	E 18s	34.70um							LLS		65.01	33	ePc	26	46.80	0.7		HHC	67.92	317	Pd	27	03.80	-0.8	
			ePP	28	45.00				BHG		65.17	30	eP	26	46.80	-0.2					PP	29	36.00		
			iS	34	55.00				EMS		65.20	35	ePc	26	47.70	0.3					S	35	02.00		
			eSS	39	00.00				DIX		65.32	35	ePc	26	48.90	0.7		EBR	68.12	42	eP	27	05.00	-0.9	
			LQ	54	00.00				SLW		65.36	107	eP	26	48.60	0.1					eS	36	07.00		
			LR	54	24.00				SPC		65.38	25	eP	26	49.00	0.5		TRN	68.13	110	eP	27	04.40	-1.7	
			ePP	55	35.00								i	26	54.60			BOG	68.29	125	iP	27	07.00	-0.5	
			e	59	11.50				VKA		65.45	28	iPc	26	48.80	0.1					eS	35	54.00		
OYM	62.21	293	eP	26	38.00	10.3X					4.0s	4627.00nm				7.0mb X		FIR	68.47	33	eP	27	08.50	0.7	
BPA	62.28	107	eP	26	24.70	-3.6X				Z	16s	36.40um				6.7MszX					iS	36	11.00		
BRG	62.47	28	iPc	26	29.00	-0.2							i(PP)	29	21.00			BTO	68.64	318	iPc	27	08.00	-1.1	
	2.2s	1700.00nm				6.9mb							iS	35	37.00						PP	29	38.00		
			i	26	34.00				OSS		65.47	33	ePc	26	49.80	0.7					S	36	03.00		
			ePcP	27	12.00				VDL		65.48	33	ePc	26	49.80	0.6					ScS	37	03.00		
			iS	34	58.00				MMK		65.49	35	ePc	26	50.30	1.0		CVF	68.97	35	iPc	27	10.70	-0.3	
			iP'P'	55	33.00				OGA		65.52	32	iPc	26	50.10	0.7		DEV	69.07	24	ePd	27	18.00	6.5X	
HOF	62.52	30	iPc	26	29.20	-0.4			LPG		65.68	36	iPc	26	51.30	0.7		FUL	69.13	60	eP	27	11.40	-0.6	
	Z 20s	60.60um				6.8Msz			LGR		65.68	44	eP	26	53.00	2.7X		CLI	69.20	21	ePc	27	11.50	-0.8	
GWF	62.70	34	eP	26	30.40	-0.4							ePP	29	14.00			PPE	69.58	20	ePd	27	15.00	0.4	
GRF	62.94	31	iPc	26	32.80	0.5							eS	35	35.00			BEO	69.60	26	eP	27	13.80	-0.9	
	Z 19s	75.00um				6.9Msz			TMA		65.68	34	ePc	26	50.80	0.4					iPPP	31	39.00		
			eS	35	06.70				ZST		65.68	27	iPc	26	50.10	-0.1					eS	36	24.80		
SNY	62.95	309	iPc	26	31.40	-1.1							i	26	54.90						iSS	40	53.00		
			PP	28	51.00								i	27	03.10						iSSS	44	17.00		
			PPP	30	21.00								i	27	23.00						eP'P'	55	17.80		
			iS	34	55.50								e(S)	35	36.60			SFS	69.80	49	ePKP	27	24.00	7.9X	
VITF	62.97	35	eP	26	32.60	0.1			SHK		65.74	298	ePc	26	49.60	-1.1					e	32	24.00		
SEG	63.00	107	eP	26	32.50	-0.5			SDV		65.78	119	eP	26	50.30	-1.1					iS	36	44.00		
GRC	63.01	37	iPc	26	32.10	-0.7			MTE		65.82	48	iPc	26	54.50	3.3X					i	40	38.00		
CDF	63.13	34	iPc	26	33.70	0.6			UAV		65.82	120	eP	26	52.40	0.7					i	45	37.00		
BUH	63.14	33	eP	26	33.80	0.1			CAR		65.86	115	iPd	26	51.30	-0.5		CLO	69.83	24	iPc	27	16.50	0.4	
LOR	63.25	37	iPc	26	34.20	-0.3					1.1s	172.15nm				6.2mb		COZ	69.88	23	ePd	27	17.50	0.8	
	1.1s	320.50nm				6.4mb			KBA		65.89	30	iPc	26	52.20	0.5		ODB	69.92	21	eP	27	17.00	0.4	
PAG	63.25	107	eP	26	34.86	0.1					0.8s	324.00nm				6.6mb		MLR	70.00	22	iPc	27	17.00	-0.4	
HAU	63.26	35	iPc	26	34.30	-0.2							i	26	55.90			ALI	70.04	44	iPKP+	27	19.00	1.5	
STS	63.27	48	ePg	26	35.00	0.4							i	26	58.70			CMP	70.06	23	iPc	27	28.00	10.4X	
			iSg	26	47.00								i(PP)	29	23.30			CRT	70.06	47	iP	27	18.00	0.2	
SSF	63.34	37	iPc	26	34.80	-0.2							i	29	27.80			BRD	70.17	21	ePd	27	20.00	1.8	
PRU	63.43	28	iPc	26	35.50	0.0							i	35	40.20			MAL	70.20	48	iPd	27	20.00	1.5	
	2.3s	1569.90nm				6.8mb							i	35	51.00						i	27	24.70		
			e	27	10.00								i	36	06.10			PSO	70.23	129	iP	27	18.50	-0.9	
			eS	35	00.00				SOP		66.05	28	iPc	26	52.20	-0.3		TIA	70.24	311	Pc	27	17.50	-1.3	
LSF	63.51	39	iPc	26	35.60	-0.5			EPF		66.06	41	iPc	26	52.30	-0.5					S	36	30.00		
MGG	63.51	107	eP	26	36.33	-0.1			DL2		66.23	309	iPc	26	53.50	-0.2		SRE	70.30	24	eP	27	20.00	1.0	
BSF	63.54	35	iPc	26	36.30	-0.1							PP	29	25.00			ISR	70.45	22	eP	27	23.00	3.0X	
AVF	63.55	37	iPc	26	35.90	-0.4							S	35	43.00			TIY	70.49	315	iPc	27	19.00	-1.4	
LBF	63.55	37	iPc	26	36.10	-0.3			SRO		66.30	27	iPc	26	54.00	-0.1					PcP	27	39.50		
BGF	63.61	38	iPc	26	36.50	-0.3				N	20s	43.70um									PP	29	54.00		
MOF	63.61	34	eP	26	36.80	-0.1				E	20s	39.10um									PPP	31	42.00		
TCF	63.67	38	iPc	26	36.80	-0.4							i	27	01.00			QUR	71.06	131	P	27	26.00	1.4	
ROF	63.71	35	eP	26	37.40	0.0							iS	35	40.00			BUC1	71.12	22	ePc	27	24.00	0.0	
SMF	63.82	37	iPc	26	37.80	-0.4			MLS		66.36	41	eP	26	54.70	0.1		WMO	71.23	336	iPc	27	25.00	0.2	
FEL	63.82	34	eP	26	38.00	-0.4							e	59	40.80						PP	30	00.00		
WET	63.84	30	iPc	26	38.60	0.3			BMG		66.44	123	iP	26	55.00	-0.6					S	36	42.70		
			eS	35	13.00				PSZ		66.53	25	iPc	26	55.70	0.0		TLB	71.23	21	ePc	27	24.50	-0.1	

23d 05h

TTG	71.64	28	e(P)	27	27.00	-0.1
			eS	36	49.00	
PVL	72.13	23	iPc	27	30.00	-0.1
AVE	72.20	52	iP	27	31.50	0.8
			i	28	12.00	
VTS	72.29	25	iPc	27	31.00	0.0
SKO	72.54	26	iPc	27	32.80	0.3
	1.8s	2250.00nm			7.0mb	
	Z 16s	42.50um			6.8MszX	
	N 16s	38.20um				
	E 16s	30.20um				
			j	27	38.00	
			iPP	30	14.00	
			iPPP	31	56.00	
			iS	36	54.00	
ABA	72.59	42	iP	27	33.00	0.1
TAF	72.61	47	iP	27	34.00	0.8
			i	27	58.00	
GTA	72.68	326	iPc	27	33.00	-0.5
			iPP	30	17.00	
			PPP	32	00.00	
			iS	36	57.00	
IFR	72.84	50	iP	27	33.50	-1.1
JMB	73.05	22	iPd	27	35.00	-0.5
PLD	73.05	24	eP	27	36.00	0.5
TEN	73.06	61	iPKP	27	38.00	2.3
			i(PPP)	30	53.10	
OHR	73.23	27	iP	27	36.70	0.1
			i	27	42.00	
			eS	36	55.30	
DIM	73.27	23	iP	27	38.00	1.2
SSE	73.33	305	iP+	27	37.00	-0.3
	6.0s	9.50nm			4.1mb X	
	Z 14s	31.70um			6.8MszX	
	N 22s	69.70um				
	E 21s	108.50um				
			pP	27	43.50	21kmX
			sP	27	47.50	
			PP	30	19.00	
			PPP	32	02.00	
			eS	36	50.00	
			sS	37	05.00	
			PS	37	23.00	
			SKS	37	33.00	
			ScS	37	40.00	
NJ2	73.35	308	Pc	27	36.20	-1.2
			PP	30	21.00	
			PPP	32	05.00	
			iS	37	05.50	
MMB	73.37	25	iPc	27	38.00	0.6
VAY	73.39	25	iPc	27	37.30	-0.2
KDZ	73.62	23	iP	27	39.00	0.2
DMK	73.88	21	iP	27	41.20	0.9
LZH	74.66	321	iPc	27	45.20	0.1
			PP	30	34.00	
			S	37	16.00	
ISK	74.83	21	eP	27	46.90	1.1
XAN	74.99	317	iPc	27	45.60	-1.3
			iS	37	20.00	
HRT	75.17	20	eP	27	48.00	0.2
EDC	75.33	22	iP	27	49.40	0.7
YLV	75.37	20	iP	27	48.90	-0.1
KCT	75.51	21	iP	27	49.90	0.1
EZN	75.56	23	iPc	27	50.40	0.4
GPA	75.79	20	iP	27	52.70	1.3
PRK	76.11	23	eP	27	55.50	2.4
WHN	76.35	311	iPc	27	54.60	0.0
			ipP	27	59.40	15kmX
			isP	28	01.60	
			PP	30	46.00	
			iS	37	30.00	
ATH	76.85	26	iPc	27	58.00	0.7
			iS	37	46.00	
IZM	77.12	23	iP	27	58.50	-0.4
KSH	77.36	344	iPc	28	02.10	1.8
			PP	30	55.10	
			PPP	32	52.10	
			iS	37	53.10	
			SKS	38	06.10	
YER	78.53	22	iP	28	00.20	-0.4
GUA	78.54	277	e(P)	28	03.00	-3.9X
			e(S)	38	01.00	
BCK	78.60	20	iP	28	07.10	0.0
TPT	79.13	203	iP	28	10.40	0.4
	1.6s	1015.00nm			6.6mb	
ELL	79.19	21	eP	28	16.00	5.7X
PMO	79.20	203	iP	28	10.80	0.5
	1.6s	1015.00nm			6.6mb	
RUV	79.28	203	iP	28	11.30	0.5
	1.6s	1215.00nm			6.7mb	
VAH	79.38	203	iP	28	11.80	0.5
	1.6s	1215.00nm			6.7mb	
CD2	79.51	319	P	28	12.00	-0.1
			S	38	12.50	
QZH	79.85	305	iPc	28	13.00	-0.9
			S	38	16.50	
NPS	79.85	25	eP	28	18.00	4.2X
MSL	81.21	10	eP	28	21.50	0.5
			ePP	31	25.50	
			ePPP	33	15.50	
			eS	38	31.00	
			eSP	39	11.50	
			ePS	39	16.50	
CSS	81.47	18	eP	28	23.20	0.8
PPN	81.95	204	iP	28	26.00	1.1
	1.2s	340.00nm			6.3mb	
PPT	82.02	204	iP	28	26.50	1.3
	1.2s	565.00nm			6.6mb	
AFR	82.03	205	iP	28	26.40	1.2
	1.2s	450.00nm			6.5mb	
PAE	82.11	204	iP	28	27.00	1.3
	1.2s	395.00nm			6.4mb	
TVO	82.16	204	iP	28	27.40	1.3
	1.2s	395.00nm			6.4mb	
SLY	82.17	8	iPd	28	26.00	0.1
			ipP	28	35.00	28kmX
			i	31	34.00	
			iSKS	38	41.00	
			isS	39	22.00	
			e	40	06.00	
IR2	82.38	4	iPc	28	28.90	1.7
NNA	82.65	133	iPc	28	28.70	0.0
	1.1s	158.23nm			6.1mb	
	Z 24s	13.18um			6.2MszX	
			e	31	40.00	
GYA	82.72	315	Pc	28	29.00	-0.1
			PP	31	40.00	
			S	38	44.00	
BHL	82.84	17	Pc	28	30.00	0.4
			SKS	38	52.00	
HRI	83.48	17	iP	28	34.60	1.7
GZH	83.50	309	Pc	28	33.50	0.5
			iS	38	56.00	
KER	83.51	7	eP	28	33.00	-0.1
HKC	83.91	308	eP	28	33.00	-2.1
			eS	39	00.00	
LSA	84.08	330	iPc	28	36.60	0.2
RTB	84.27	13	iPd	28	36.00	-0.8
			i	31	06.00	
			iS	39	04.00	
BHD	84.40	10	iPd	28	38.00	0.6
			iSKS	39	02.00	
			iS	39	52.50	
			i	47	11.00	
JER	84.88	17	iPc	28	41.20	1.3
			eS	38	14.00	
PIP	85.01	300	ePc	28	42.00	1.4
CVP	85.08	299	ePd	28	41.20	0.2
	1.0s	182.00nm			6.3mb	
MBO	85.22	68	iPd	28	44.80	3.1X
KMI	85.22	318	iPc+	28	42.00	0.0
	5.0s	6.60nm			4.1mb X	
	E 20s	261.80um				
			PP	31	59.00	
			PP	33	53.50	
			eSKS	39	00.00	
			S	39	05.00	
			PS	40	02.50	
			SS	44	44.00	
SZP	85.77	300	ePd	28	45.00	0.5
HLW	86.16	21	iP-	28	50.00	3.8X
			iS	39	10.00	
PRNI	86.25	18	iP	28	48.00	1.2
BAG	86.75	300	ePc+	28	48.00	-1.6
			eS	39	18.00	
KKN	87.22	334	iPc	28	52.20	0.4
PKI	87.40	334	iPc	28	53.00	0.2
DMN	87.43	334	iPc	28	53.50	0.7
QUE	87.47	350	iPc+	28	54.20	1.3
			eSKS	39	24.00	
			eS	39	36.00	
TBI	87.63	203	iP	28	48.10	-5.1X
	1.3s	140.00nm			6.1mb	
NDI	87.78	341	eP	28	53.80	-0.4
			ePP	32	18.00	
			eSKS	39	24.00	
			iPS	40	20.00	
			iSS	45	03.00	
MAN	88.12	298	eP	28	56.30	0.4
QCP	88.14	298	eP	29	07.00	11.0X
SNI	88.42	3	eP	29	03.00	5.5X
ZOBO	89.72	127	iPd	29	03.30	-0.8
	1.3s	197.16nm			6.2mb	
LPB	89.97	127	Pc	29	04.40	-0.6
	0.9s	243.70nm			6.4mb	
	Z 24s	77.52um			7.1MszX	
			Sg	55	15.00	
			LR	00	28.00	
CNCB	90.27	127	iP	29	06.20	-0.4
RAB	90.69	262	e(P)	28	52.00	-16.0X
			iS	40	00.00	
CCH	91.48	126	P	29	12.90	1.0
CHG	92.32	320	iPc+	29	15.20	-0.3
	1.0s	100.00nm			6.1mb	
			e	35	02.00	
LOE	92.77	317	eP	29	17.00	-0.6
DAV	92.99	291	eP	29	19.50	0.9
			eS	40	00.00	
BDT	93.78	319	eP	29	23.80	1.6
	1.1s	108.60nm			6.1mb	
NST	94.90	317	eP	29	28.40	1.0
SOB1	94.98	100	eP	29	27.90	0.2
			e	29	32.80	
			e	29	37.30	
			e	30	08.50	
			e	31	23.60	
TPZ	95.37	127	iP	29	30.70	1.0
PCT	95.42	316	eP	29	30.00	0.2
ITR	95.73	98	eP	29	30.40	-0.8
			e	29	36.00	
			e	29	48.00	
KHT	96.22	319	eP	29	35.90	2.4
			e	33	28.70	
BDF	97.49	109	Pc	29	36.00	-3.2X
			i	29	42.90	
KIC	97.59	61	eP	29	39.30	-0.4
PMG	97.60	264	eP	29	39.00	-0.5
POO	98.25	343	iPc	29	43.30	0.6
			iS	40	24.00	
SLA	98.42	128	ePc	29	44.00	0.8
HY8	98.60	338	ePc	29	43.80	-0.4
DZM	100.17	242	iPdiff	29	53.10	1.9
NOU	100.38	242	iPdiff	29	55.50	3.5X
GBA	102.52	338	Pdiff	30	06.00	4.3X
SNG	102.70	314	ePdiff	30	04.00	1.5
			e	34	16.00	
JACH	103.92	136	ePdiff	30	11.50	3.8X
PEL	104.31	136	ePdiff	30	11.00	1.6
VAO	104.37	112	ePdiff	30	13.20	3.3X
SAN	104.61	136	ePdiff	30	11.00	0.3
ITA	104.81	110	ePdiff	30	25.50	13.4X
KOD	105.81	338	ePdiff	30	16.00	-0.8
RDJ	105.92	109	ePdiff	30	19.20	2.6X
RFA	106.53	135	ePdiff	30	20.20	0.9X
MKS	106.65	291	ePKP	34	43.00	12.3X
CTA	107.33	260	ePdiff	30	25.00	2.0
			iPP	34	48.00	
			iSKS	41	06.00	
			iPS	44	06.00	
PSI	107.46	314	ePdiff	30	22.50	-1.2
BNG	107.71	39	iPdiff	30	26.10	1.2
	1.6s	52.00nm			6.4mb	
PPI	109.90	312	e(PKP)	34	31.50	-5.4X
BRS	110.70	251	iPKP	34	41.90	3.8X
			i	35	14.00	
			e(S)	41	21.00	
WB2	112.75	270	ePKP	34	40.90	-1.2
			i	34	46.70	
			e	35	30.00	
WRA	112.76	270	ePKP	34	40.90	-1.2
MNG	113.33	226	PKP	34	43.00	0.3
WEL	114.17	226	PKP	34	44.00	-0.3
	Z 22s	82.96um			7.3Msz	
			PP	35	36.00	
			e	41	30.00	
			PS	45	24.00	
			S	51	32.00	
			SSS	55	46.00	
ASPA	116.18	269	ePKP	34	47.00	-1.6
LWI	116.84	31	ePdiff	31	10.00	4.2X
NAI	117.55	21	ePKP	35	01.00	9.2X

	1.1s	50.63nm				
			eS	36	05.00	
CAN	119.13	249	ePKP	34	57.00	3.0X
			i	35	00.80	
STK	119.56	257	ePKP	34	54.00	-0.8
			e	35	03.00	
WAM	119.92	249	ePKP	34	56.50	1.1
			i	35	00.80	
WBN	121.70	274	ePKP	34	58.00	-1.1
ADE	123.45	258	iPKPd	35	02.00	-0.2
	0.9s	25.21nm				
BFD	123.54	253	e(PKP)	35	02.00	-0.3
MEK	125.83	281	ePKP	35	05.00	-2.1
TAU	126.15	245	ePKP	35	07.00	-0.2
KLB	130.41	278	ePKP	35	16.00	0.3
KRI	131.07	34	iPKPd	35	18.40	0.9
			iPP	37	37.00	
			iSKP	38	43.50	
TET	131.38	29	iPKP	35	27.00	9.1X
			iSKP	38	50.00	
MUN	131.45	279	ePKP	35	18.60	1.0
	Z 22s	40.00um			7.1Msz	
	N 22s	8.00um				
	E 23s	66.00um				
MTD	131.52	32	ePKP	35	18.50	0.2
			iPP	37	37.40	
			iSKP	38	50.00	
NWAO	131.77	278	ePKP	35	18.00	-0.2
BUL	133.96	37	iPKPd	35	22.80	-0.1
	1.9s	473.68nm				
	Z 20s	48.23um			7.2Msz	
	N 20s	46.81um				
	E 18s	28.87um				
			iSKP	38	50.40	
			iPKS	39	01.60	
AVY	136.38	11	ePKPd	35	28.70	1.1
SLR	139.15	40	ePKP	35	26.50	-6.0X
	1.5s	263.89nm				
	Z 22s	67.04um			7.3Msz	
BPI	139.49	40	e(PKP)	35	27.00	-6 2X
BFS	139.78	42	ePKP	35	27.00	-6.6X
	1.0s	274.00nm				
EVA	140.11	39	e(PKP)	35	35.00	0.7
	1.0s	40.00nm				
SUR	142.73	53	ePKP	35	35.50	-3 3X
	1.9s	947.37nm				
	Z 20s	30.92um			7.1Msz	
SBA	145.88	201	ePKP	35	40.90	-1 6
			(S)	49	30.00	
			LR	23	48.00	
SPA	152.06	180	ePKPc	35	50.80	-1.7
	1.2s	369.72nm				
	Z 20s	24.32um			7.0Msz	
SNA	156.22	134	e(PKP)	35	55.00	-2.9X
SYO	170.47	142	ePKP	36	07.40	-3.6X
MAW	173.81	206	ePKP	36	10.00	-2.4
	S.D. = 0.9	on 381 of 462 obs.				

* DEC 23, 1985 05h 35m 36.02± 1.26s
6.105 S ±11.7km 146.426 E ±15.1km
DEPTH = 35.8 ± 16.5 km
4.0mb (1 obs.)
EAST PAPUA NEW GUINEA REGION (207)

MDG	1.07	323	iPc	35	54.50	-0.1
PMG	3.36	168	iPd	36	26.80	-0.6
WEW	3.77	312	eP	36	49.00	15.8X
TZZ	5.25	279	eP	37	00.00	5.8X
KVG	5.59	51	e(P)	38	02.00	63.0X
ALOA	5.71	137	eP	37	01.50	0.8
CTA	13.90	181	eP	38	53.00	0.1
	1.1s	18.35nm			4.8mb X	
WRA	18.09	219	Pc	39	45.40	-1.0
	1.0s	13.50nm			4.0mb	
KNA	19.79	240	eP	40	08.00	1.6
ASPA	21.22	213	eP	40	24.00	2.8X
TAF	139.48	319	ePKP	55	14.00	11.8X
			e	55	26.00	
IFR	142.05	320	iPKP	55	13.00	6.0X
AVE	143.63	321	ePKP	55	20.50	11.1X
VAO	148.25	156	e(PKP)	55	25.00	7.6X
ITA	149.67	159	ePKP	55	19.30	-0.7
KIC	151.34	272	ePKP	55	29.40	7.1X
			e	55	43.50	
	S.D. = 1.3	on 7 of 16 obs.				

DEC 23, 1985 05h 48m 47.22± 0.27s
62.101 N ± 5.4km 124.388 W ± 5.0km
DEPTH = 10.0km (geophysicist)
5.4mb (23 obs.)
NORTHWEST TERRITORIES, CANADA (679)

DWY	7.10	293	P	50	33.00	-0.7
SIT	7.50	233	eP	51	38.60	59.4X
TOA	10.20	280	eP	51	20.90	4.3X
FBA	10.80	295	eP	51	24.60	-0.2
PME	11.62	279	eP	51	37.50	1.6
	0.7s	34.30nm			5.8mb X	
IMA	13.33	300	eP	51	58.10	-0.8
SVW	14.82	280	e(P)	52	20.10	1.8
WDC	21.58	176	eP	53	39.30	0.6
			i	53	43.30	
MIN	21.85	174	eP	53	41.00	-0.6
			i	53	44.10	
JAS1	24.33	172	iPd	54	06.80	1.1
OTT	32.32	98	eP	55	19.00	0.9
HNME	35.38	90	iP	55	46.00	1.5
KEV	46.88	13	eP	57	24.00	5.4X
SOD	49.12	14	iP	57	35.00	-1.1
KJF	52.30	15	iP	58	00.00	-0.3
	1.0s	64.00nm			5.5mb	
NB2	52.60	25	P	58	01.40	-1.3
	1.1s	46.50nm			5.3mb	
NRA0	52.95	25	eP	58	04.40	-0.8
ELO	53.06	37	ePc	58	07.60	1.4
	0.8s	21.00nm			5.1mb	
EA8	53.13	37	ePc	58	08.50	1.9
EBH	53.31	37	ePc	58	07.90	-0.1
	0.6s	27.00nm			5.4mb	
SUF	53.53	16	iPc	58	08.50	-0.9
	0.8s	16.60nm			5.1mb	
EBL	53.86	37	eP	58	11.90	0.0
	0.9s	27.00nm			5.3mb	
HFS	53.93	24	eP	58	11.30	-1.9
	1.1s	80.90nm			5.7mb	
EKA	54.21	37	Pd	58	15.70	1.2
	0.9s	21.00nm			5.2mb	
UPP	54.92	22	iP	58	18.40	-1.3
NUR	55.44	18	iP	58	22.00	-1.5
	0.8s	22.10nm			5.2mb	
WIT	59.09	32	eP	58	50.50	1.1
WTS	59.87	33	eP	58	55.00	0.2
	1.0s	24.00nm			5.3mb	
CN2	60.58	309	eP	58	58.00	-1.7
ENN	60.76	34	eP	59	00.50	-0.4
	1.2s	39.00nm			5.4mb	
MEM	60.93	34	P	59	01.60	-0.4
DOU	61.02	35	P	59	04.30	1.6
WLF	61.83	34	P	59	06.90	-1.2
CLL	61.99	29	iPd	59	08.50	-0.7
	1.7s	42.00nm			5.4mb	
BRG	62.61	28	iPd	59	13.00	-0.3
	1.2s	28.00nm			5.3mb	
GRF	63.08	31	eP	59	16.60	0.1
PRU	63.57	28	eP	59	22.00	2.3
KHC	64.16	29	iPc	59	23.70	0.1
	1.1s	53.00nm			5.6mb	
KRA	64.64	25	eP	59	26.40	-0.2
	1.0s	54.00nm			5.7mb	
			e	59	27.90	
			e	59	32.90	
SDV	65.78	119	eP	59	32.50	-2.1
ZST	65.82	27	iP	59	34.20	-0.1
KBA	66.03	30	iPc	59	35.70	-0.1
	1.0s	66.90nm			5.8mb	
			i	59	42.40	
PSZ	66.67	25	eP	59	40.00	0.2
BJI	67.17	313	eP	59	42.00	-1.0
BOG	68.28	124	eP	59	49.50	-1.2
WMO	71.31	336	eP	00	09.00	0.5
SKO	72.68	26	iP	00	16.00	-0.5
NJ2	73.37	308	Pd	00	20.40	-0.3
XAN	75.03	316	eP	00	28.80	-1.6
RUV	79.15	203	eP	00	52.00	-1.2
	1.0s	40.00nm			5.4mb	
VAH	79.24	203	eP	00	52.00	-1.8
	1.0s	25.00nm			5.2mb	
CD2	79.55	319	eP	00	56.10	0.6
IR2	82.50	4	eP	01	12.00	1.0
GYA	82.76	315	P	01	13.00	0.5
ATB	84.63	107	Pc	01	21.60	-0.3
KKN	87.30	334	eP	01	36.10	0.8
	1.1s	71.00nm			5.8mb	
PKI	87.48	334	eP	01	36.90	0.5
	0.9s	20.00nm			5.4mb	
DMN	87.51	334	eP	01	37.30	0.9
	1.1s	101.00nm			6.0mb	
QUE	87.58	350	eP	01	38.20	1.6
ARE	88.64	130	eP	01	42.00	0.2
ZOBO	89.70	127	Pc	01	46.20	-1.0
	0.8s	18.81nm			5.4mb	
LPB	89.95	127	Pc	01	47.20	-1.0
	1.0s	40.00nm			5.6mb	
CNCB	90.25	127	iP	01	49.20	-0.5
CCH	91.47	126	P	01	56.20	1.2
SOB1	95.03	100	eP	02	11.10	0.0
TPZ	95.35	127	P	02	14.00	1.2
ITR	95.79	98	eP	02	10.40	-4.2X
SBA	145.74	201	iPKP	08	26.90	1.5
	1.0s	16.00nm				
SPA	151.94	180	ePKP	08	33.00	-2.5X
	1.0s	11.31nm				
	S.D. = 1.1	on 64 of 69 obs.				

? DEC 23, 1985 06h 04m 27.92± 7.68s
36.866 N ±45.0km 140.533 E ±48.3km
DEPTH = 33.0km (normal)
NEAR EAST COAST OF HONSHU, JAPAN(228)

TSK	0.74	208	iPc	04	42.00	0.1
DDR	1.38	232	iPd	04	51.10	-0.1
SRY	1.62	219	eP	04	54.00	-0.5
KYS	1.69	191	eP	04	55.50	-0.1
OYM	1.78	216	eP	04	57.40	0.5
MAT	1.90	261	iPd	04	58.60	0 0
			eS	05	27.00	
	S.D. = 0.4	on 6 of 6 obs.				

DEC 23, 1985 06h 59m 02.54± 0.63s
34.061 S ± 7.9km 70.065 W ± 6.9km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)

CHCH	0.50	284	iPd	59	12.90	0.1
PCH	0.58	319	iP	59	14.20	-0.1
			iS	59	22.60	
FCH	0.76	346	iP	59	17.40	-0.1
			iS	59	28.60	
SAN	0.78	321	iP	59	17.60	-0.2
			iS	59	28.50	
BACH	0.79	333	iP	59	17.60	-0.4
			i	59	29.60	
			i	59	32.00	
TACH	0.83	299	iP	59	18.50	-0.1
			iS	59	30.40	
PEL	1.05	330	iP	59	22.50	0.1
			iS	59	36.00	
ROCH	1.34	324	iP	59	28.00	0.6
JACH	1.44	342	iPd	59	29.00	0.2
			iS	59	49.10	
RFA	1.50	119	iPc	59	30.50	0.9
			S	59	50.20	
RTCB	2.78	23	eP	59	54.10	6.1X
RTLL	3.04	27	eP	59	56.80	5 2X
VBA	7.67	124	ePd	00	56.00	-1.0
SLA	10.12	24	e(P)	01	23.00	-8.0X
	S.D. = 0.5	on 11 of 14 obs.				

DEC 23, 1985 07h 34m 01.66± 0.65s
50.247 N ± 6.3km 12.420 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.65	308	ePg	34	14.50	-0.2
			eSg	34	24.00	
GRF	0.95	235	ePg	34	19.90	0.1
			eSg	34	31.90	
			eLg	34	34.60	
CLL	1.13	19	ePg	34	23.00	0.2
			eSg	34	38.00	
BRG	1.16	57	iPg	34	23.20	-0.1
			iSg	34	38.20	
KHC	1.35	146	ePg	34	26.50	0.0
			Sg	34	43.20	
PRU	1.39	100	Pg	34	27.00	-0.1
			Sg	34	45.50	
	S.D. = 0.2	on 6 of 6 obs.				

* DEC 23, 1985 07h 42m 52.85± 0.84s
62.135 N ±12.9km 124.466 W ± 8.4km
DEPTH = 10.0km (geophysicist)

23d 07h

NORTHWEST TERRITORIES, CANADA (679)

FST1	1.56	102	Pg	43	20.00	-0.6
YKA	4.62	81	eP	44	18.90	14.7X
RSNT	4.62	81	ePn	44	05.10	0.8
YKC	4.68	81	eP	44	05.00	-0.1
DWY	7.06	292	P	44	39.00	0.4
			S	45	58.00	
			Lg	47	58.00	
INK	7.26	332	eP	44	41.00	-0.5
EDM	10.72	141	eP	45	29.30	-0.1
MBC	14.28	5	eP	46	12.00	-4.8X

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

DEC 23, 1985 07h 45m 24.14± 0.65s
50.247 N ± 6.3km 12.413 E ± 5.9km
DEPTH = 10.0km (geophysicist)

GERMANY (543)

ML 2.4 (GRF).

MOX	0.65	308	iPg	45	36.90	-0.2
			iSg	45	46.00	
GRF	0.95	235	iPgc	45	42.40	0.2
			eSg	45	54.80	
			eLg	45	57.00	
CLL	1.13	19	iPg	45	45.30	0.0
			eSg	46	01.00	
BRG	1.16	57	iPg	45	46.00	0.2
			iSg	46	02.00	
KHC	1.35	145	iPg	45	48.90	-0.1
			iSg	46	05.40	
PRU	1.39	100	Pg	45	49.50	-0.1
			Sg	46	07.50	

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

? DEC 23, 1985 07h 47m 23.56± 5.34s
39.147 N ±50.6km 16.506 E ±23.0km
DEPTH = 10.0km (geophysicist)
3.9mb (2 obs.)

SOUTHERN ITALY (390)

OHR	3.83	58	ePn	48	24.00	0.1
SKO	4.70	52	e(Pn)	48	58.00	21.8X
VAY	5.12	63	ePn	48	48.50	6.4X
CEY	6.76	348	ePn	49	05.50	0.2
			e(Sn)	50	16.70	
LJU	7.04	349	ePn	49	09.30	0.1
			e(Sn)	50	21.00	
			e	50	40.00	
VOY	7.15	345	iPn	49	10.80	0.1
			eSn	50	26.20	
KBA	8.26	345	iPnd	49	27.00	0.7
	0.7s		6.50nm			5.0mb X
			iS	50	52.30	
			i	50	57.50	
KHC	10.20	349	Pc	49	52.00	-1.0
			e	50	01.70	
MDX	12.01	345	e(P)	50	23.00	5.4X
HFS	21.08	356	eP	52	09.90	-0.2
	0.6s		2.80nm			3.8mb
NB2	22.16	353	P	52	21.10	0.1
	0.8s		4.30nm			3.9mb

S.D. = 0.6 on 8 of 11 obs.

• DEC 23, 1985 08h 02m 15.55± 0.81s
61.967 N ±11.9km 124.384 W ± 8.7km
DEPTH = 10.0km (geophysicist)

NORTHWEST TERRITORIES, CANADA (679)

FST1	1.49	96	Pg	02	44.00	1.6
YKA	4.61	79	eP	02	53.70	-33.1X
RSNT	4.61	79	ePn	03	26.70	-0.1
YKC	4.67	79	eP	03	28.00	0.3
DWY	7.16	294	P	04	03.00	0.2
			S	05	23.00	
			Lg	07	23.00	
INK	7.43	333	eP	04	05.00	-1.5
EDM	10.56	141	eP	04	47.00	-2.1
COL	10.86	296	eP	04	55.00	1.1
PNT	12.96	166	eP	05	23.00	0.8
FFC	13.76	112	eP	05	28.00	-4.8X
MBC	14.45	5	eP	05	38.00	-3.7X

S.D. = 1.5 on 8 of 11 obs.

• DEC 23, 1985 08h 10m 06.22± 0.54s
62.383 N ± 8.4km 124.147 W ± 7.5km
DEPTH = 10.0km (geophysicist)

4.1mb (6 obs.)

NORTHWEST TERRITORIES, CANADA (679)

FST1	1.49	113	P	10	34.00	1.1
RSNT	4.44	85	eP	11	15.30	0.2
YKC	4.50	85	eP	11	15.00	-0.9
DWY	7.11	290	P	11	51.00	-1.7
			S	13	11.00	
			Lg	15	11.00	
INK	7.11	331	eP	11	53.00	0.2
COL	10.78	294	eP	12	45.00	1.4
EDM	10.82	143	eP	12	40.30	-3.9X
PNT	13.34	167	eP	13	14.00	-3.9X
FFC	13.82	114	eP	13	17.00	-7.3X
MBC	14.02	5	eP	13	24.00	-2.8X
NEW	14.69	161	e(P)	13	36.00	0.3
LRM	17.90	153	eP	14	14.10	-2.8X
BDW	21.44	150	eP	14	56.50	-0.1
	1.0s		6.20nm			4.0mb
BMN	22.38	166	iP	15	06.10	0.3
EUR	23.46	164	iP	15	18.00	1.4
	0.7s		1.57nm			3.7mb
LHC	23.86	110	eP	15	26.00	5.9X
FRB	24.56	62	eP	15	04.00	-22.7X
ALQ	29.63	150	eP	16	14.00	0.2
	1.0s		4.50nm			4.2mb
JCT	35.60	142	eP	17	03.50	-2.1
	1.0s		4.00nm			4.2mb
LTX	35.67	148	eP	17	05.50	-0.8
	1.0s		2.00nm			3.9mb
HFS	53.62	25	eP	19	29.70	0.5
	0.5s		2.50nm			4.5mb

S.D. = 1.1 on 14 of 21 obs.

• DEC 23, 1985 09h 31m 06.05± 1.12s
26.258 N ±11.4km 127.969 E ±20.2km
DEPTH = 33.0km (normol)

RYUKYU ISLANDS (238)

NGO	0.34	1	eP	31	14.00	-0.2
			S	31	22.60	
BJI	16.90	327	eP	35	02.00	0.5
PKI	37.84	282	eP	38	21.50	-0.4
	0.5s		8.00nm			4.8mb X
KKN	37.92	282	eP	38	22.50	0.0
	0.4s		5.00nm			4.7mb X
WRA	46.34	172	eP	39	31.00	0.1

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

DEC 23, 1985 09h 37m 43.88± 0.27s
61.966 N ± 4.0km 123.916 W ± 4.9km
DEPTH = 10.0km (geophysicist)
4.8mb (21 obs.)

NORTHWEST TERRITORIES, CANADA (679)

FST1	1.27	97	P	38	09.00	1.5
YKA	4.39	79	eP	38	00.00	-52.0X
RSNT	4.39	79	eP	38	51.80	-0.3
YKC	4.45	79	eP	38	53.00	0.1
DWY	7.36	293	P	39	30.00	-3.9X
			S	40	50.00	
			Lg	42	50.00	
INK	7.53	332	eP	39	31.00	-5.3X
SIT	7.60	235	eP	39	34.60	-2.7X
EDM	10.42	142	eP	40	12.60	-3.8X
TOA	10.44	281	eP	40	18.30	1.7X
COL	11.06	296	eP	40	21.00	-4.0X
	0.8s		23.13nm			5.6mb X
FBA	11.06	296	eP	40	22.60	-2.4X
	0.7s		20.70nm			5.6mb X
PME	11.86	279	eP	40	36.50	0.6
	0.8s		13.70nm			5.3mb X
PMR	11.92	279	P	40	36.70	0.1
PNT	12.91	167	eP	40	46.00	-3.9X
FFC	13.56	112	eP	40	52.00	-6.5X
IMA	13.59	300	eP	40	56.90	-2.1X
SES	13.60	143	eP	40	54.00	-5.0X
NEW	14.26	161	eP	41	05.00	-2.7X
LDM	14.38	156	iPc	41	05.20	-4.2X
MBC	14.43	4	eP	41	03.00	-6.8X
LHD	14.53	157	iPc	41	07.30	-4.0X
CLX	14.65	156	iPc	41	08.70	-4.4X
TTA	14.80	288	e(P)	41	19.20	4.4X
SVW	15.06	201	e(P)	41	19.10	0.9
LRM	17.48	152	eP	41	45.80	-3.5X
RSON	19.87	110	eP	42	15.60	-2.0X
	0.8s		50.00nm			4.9mb
BDW	21.03	149	eP	42	29.40	-0.7
	1.4s		52.09nm			4.7mb
WDC	21.43	177	ePc	42	32.90	-1.0
MIN	21.70	175	eP	42	36.30	-0.4
BMN	21.94	166	iP	42	40.00	0.8
ORV	22.49	175	eP	42	43.70	-0.7
EUR	23.03	164	iP	42	51.20	1.1
	0.5s		7.98nm			4.5mb
MNA	23.83	169	eP	42	59.60	1.9X
JAS1	24.16	173	eP	43	01.30	0.5
FRB	24.66	61	eP	43	05.00	-0.4
GLD	24.99	144	eP	43	10.50	1.5
	1.0s		36.00nm			5.0mb
GOL	25.00	145	eP	43	10.50	1.3
	1.0s		9.00nm			4.4mb
FRI	25.14	172	eP	43	10.20	0.1
ALE	25.41	16	eP	43	14.00	1.6
	0.6s		6.00nm			4.5mb
LLA	25.44	174	eP	43	13.70	0.6
ALQ	29.22	150	eP	43	48.00	0.3
	1.0s		17.00nm			4.8mb
TUL	31.47	133	eP	44	06.90	-0.6
	0.7s		4.20nm			4.5mb
RLO	31.51	132	eP	44	06.70	-1.1
FVM	31.62	124	e(P)	44	07.00	-1.8
DAG	33.98	23	iP	44	29.00	0.1
JCT	35.20	142	iP	44	39.50	-0.4
	1.0s		15.00nm			4.8mb
LTX	35.25	148	eP	44	40.50	0.1
	1.1s		8.24nm			4.5mb
KEV	46.96	13	eP	46	23.00	7.1X
SOD	49.20	15	iP	46	32.90	-0.4
KJF	52.37	15	eP	46	56.00	-1.5
NB2	52.63	26	P	46	58.80	-0.8
	0.7s		3.10nm			4.3mb
SUF	53.59	17	eP	47	05.00	-1.6
	0.6s		5.30nm			4.7mb
HFS	53.96	25	eP	47	08.60	-0.7
	0.6s		7.30nm			4.9mb
EKA	54.18	37	P	47	11.00	0.0
	0.7s		6.70nm			4.8mb
UPP	54.96	23	iP	47	15.00	-1.6
NUR	55.50	18	iP	47	20.60	0.0
	0.7s		13.30nm			5.1mb
BRG	62.62	29	e(P)	48	11.00	0.9
LOR	63.37	37	eP	48	15.30	0.2
SSF	63.45	37	eP	48	15.90	0.3
	0.8s		9.40nm			5.0mb
AVF	63.66	38	eP	48	17.60	0.7
	0.8s		6.70nm			4.9mb
LBF	63.66	37	eP	48	18.20	1.2
BGF	63.72	38	eP	48	18.80	1.4
	0.7s		6.60nm			4.9mb
TCF	63.78	39	eP	48	19.10	1.3
SMF	63.93	37	eP	48	20.00	1.2
KHC	64.17	30	P	48	20.50	0.2
	1.0s		7.00nm			4.8mb
KBA	66.03	31	iPd	48	32.00	-0.5
	0.9s		11.80nm			5.1mb
			i	40	33.90	
ATB	84.38	108	e(P)	50	15.70	-1.6
KKN	87.52	334	eP	50	32.60	-0.5
DMN	87.73	334	eP	50	33.70	-0.4
	0.7s		11.00nm			5.3mb
SPA	151.81	180	ePKP	57	30.20	-1.8
	1.0s		3.50nm			

S.D. = 1.0 on 48 of 70 obs.

DEC 23, 1985 11h 27m 19.83± 0.50s
62.434 N ± 7.7km 124.341 W ± 5.9km
DEPTH = 10.0km (geophysicist)
4.2mb (4 obs.)

NORTHWEST TERRITORIES, CANADA (679)

FST1	1.59	113	Pg	27	48.50	0.5
YKA	4.52	85	eP	28	29.10	-0.7
RSNT	4.53	85	iP	28	29.30	-0.6
YKC	4.58	85	eP	28	30.00	-0.7
DWY	7.00	290	P	29	04.00	-0.9
			S	30	24.00	
			Lg	32	24.00	
INK	7.03	331	eP	29	05.00	-0.1
COL	10.68	294	eP	29	56.00	0.2
	0.8s		13.06nm			5.4mb X
EDM	10.92	143	eP	29	53.20	-5.9X
PNT	13.41	167	eP	30	28.00	-4.5X
FFC	13.93	113	eP	30	33.00	-6.2X

MBC	13.98	5	eP	30 38.00	-1.8X
SES	14.09	143	eP	30 35.00	-6.5X
NEW	14.77	161	e(P)	30 46.00	-4.3X
LRM	17.99	152	eP	31 31.40	-0.1
BDW	21.53	149	eP	32 11.00	-0.1
	1.1s	9.88nm		4.1mb	
BMN	22.45	166	eP	32 21.00	0.8
EUR	23.54	164	iP	32 33.20	2.3X
	0.3s	2.31nm		4.2mb	
LHC	23.96	110	eP	32 40.00	5.3X
FRB	24.61	62	eP	32 43.00	2.2
ALQ	29.72	149	eP	33 28.00	-0.2
	1.0s	4.50nm		4.2mb	
HFS	53.62	25	eP	36 42.90	0.2
	0.5s	1.40nm		4.2mb	
	S.D. = 0.9	on	13 of	21 obs.	

* DEC 23, 1985 11h 30m 43.71± 0.76s
17.495 N ±10.6km 101.813 W ± 8.1km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

PIM	0.78	355	iPd	30 57.00	-1.2
			iS	31 04.90	
III	2.40	68	iP	31 20.00	-1.7
			iS	31 50.00	
TPM	3.00	60	iPc	31 28.25	-2.0
UNM	3.09	53	iP	31 34.00	2.4
TAC	3.13	52	eP	31 37.00	4.9X
PUE	3.76	65	iP	31 43.60	2.5
VHO	4.86	92	iP	31 57.00	0.4
			iS	33 00.00	
LTX	11.91	352	eP	33 33.00	-1.2
	2.0s	68.57nm		5.5mb X	
JCT	13.06	8	eP	33 51.00	1.5
	1.0s	15.00nm		5.0mb X	
GLA	19.42	325	eP	35 15.00	4.7X
BAR	20.20	321	eP	35 23.00	4.4X
PLM	20.79	322	eP	35 26.00	1.1
TPC	20.89	325	eP	35 25.00	-0.7
RVR	21.55	323	eP	35 33.00	0.7
MWC	22.11	322	eP	35 38.00	-0.2
PAS	22.13	322	eP	35 39.00	0.9
GSC	22.19	326	eP	35 39.00	0.2
SBB	22.31	323	eP	35 41.00	1.1
ISA	23.38	324	eP	35 53.00	2.6
EUR	25.13	334	iP	36 07.00	-0.5
	0.2s	11.16nm		5.1mb	
BDW	26.05	347	eP	36 13.80	-2.3
	0.8s	2.63nm		3.9mb	
BMN	26.45	333	eP	36 19.20	-0.5
ZOBO	47.20	133	P	39 15.00	-1.2
LPB	47.40	134	eP	39 19.00	1.4
CNCB	47.67	134	iP	39 20.20	0.3
CCH	49.34	133	(P)	39 15.00	-17.5X
COL	58.42	338	eP	40 23.00	-1.2
SOB1	65.77	109	eP	41 27.40	-0.7
HYB	145.31	359	ePKP	50 19.00	-1.6
	0.8s	31.40nm			
	S.D. = 1.5	on	25 of	29 obs.	

* DEC 23, 1985 11h 52m 08.30± 1.10s
62.092 N ±11.3km 124.598 W ±11.0km
DEPTH = 10.0km (geophysicist)
4.1mb (2 obs.)
NORTHWEST TERRITORIES, CANADA (679)

FST1	1.61	100	Pg	52 36.50	-0.3
YKA	4.68	81	eP	53 22.30	1.6
RSNT	4.69	81	ePn	53 19.30	-1.4
YKC	4.74	81	eP	53 21.00	-0.5
DWY	7.02	293	P	53 06.30	-47.2X
			S	54 26.30	
			Lg	56 26.30	
INK	7.27	333	eP	53 57.00	-0.1
EDM	10.72	141	eP	54 41.50	-3.4X
PNT	13.10	165	eP	55 17.00	0.1
SES	13.89	141	eP	55 22.00	-5.4X
MBC	14.33	5	eP	55 29.00	-3.9X
LHC	23.97	108	eP	57 30.00	6.8X
FRB	24.88	61	eP	57 33.00	1.1
ALQ	29.49	149	eP	58 17.00	2.4X
	0.9s	2.52nm		4.0mb	
HFS	53.98	24	eP	01 33.30	-0.5
	0.5s	1.20nm		4.2mb	
	S.D. = 1.1	on	8 of	14 obs.	

DEC 23, 1985 12h 22m 02.69± 0.68s
50.266 N ± 0.9km 12.416 E ± 6.2km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.3 (GRF).

MOX	0.64	307	iPg	22 15.50	0.0
			iSg	22 25.00	
GRF	0.96	234	iPgc	22 21.20	0.2
			eSg	22 33.50	
			eLg	22 35.80	
CLL	1.11	19	ePg	22 23.00	-0.5
			iSg	22 39.10	
BRG	1.15	57	iPg	22 24.90	0.7
			iSg	22 39.30	
KHC	1.36	146	Pg	22 27.50	-0.3
			Sg	22 44.00	
PRU	1.40	101	Pg	22 28.00	-0.2
			Sg	22 45.50	
			i	22 46.60	
	S.D. = 0.5	on	6 of	6 obs.	

DEC 23, 1985 12h 28m 13.32± 0.45s
41.082 N ± 4.2km 23.942 E ± 4.0km
DEPTH = 10.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)

SRS	0.27	278	iPd	28 18.90	-0.1
			iS	28 22.90	
SOH	0.52	240	iPd	28 23.70	-0.1
			iS	28 31.50	
MMB	0.53	342	iPgc	28 22.00	-2.1
			Sg	28 27.00	
OUR	0.75	178	iPd	28 28.10	0.2
			iS	28 39.00	
KNT	0.79	276	iPd	28 28.40	-0.3
THE	0.87	239	iPd	28 30.00	0.0
			iS	28 42.50	
VAY	1.06	283	iPn	28 33.40	0.1
			iSn	28 49.50	
PLD	1.17	29	ePg	28 36.00	0.8
PAIG	1.17	190	ePd	28 35.60	0.4
GRG	1.17	264	iPd	28 35.30	0.1
			iS	28 52.40	
KDZ	1.20	62	iPd	28 35.00	-0.6
			iSg	28 51.00	
LIT	1.48	229	iPd	28 40.40	0.4
DIM	1.56	51	iP	28 42.00	0.8
			Sg	29 13.00	
VTS	1.61	340	eP	28 43.00	1.1
SKO	2.08	296	ePn	28 54.50	5.8X
EZN	2.21	124	ePn	28 49.00	-1.5
PVL	2.26	24	eP	28 52.00	0.8
OHR	2.38	272	ePn	28 59.00	6.0X
JMB	2.41	54	eP	29 00.00	6.6X
DMK	2.96	74	ePn	29 10.70	9.5X
CLO	4.08	349	eP	29 24.00	7.0X
MLR	4.64	18	eP	29 28.00	2.8X
VRI	5.20	22	ePc	29 25.00	-7.9X
	S.D. = 0.9	on	16 of	23 obs.	

DEC 23, 1985 12h 36m 19.54± 0.46s
50.215 N ± 4.4km 12.453 E ± 4.3km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.5 (GRF), 3.4 (KBA).

HOF	0.38	285	iPgd	36 27.20	-0.2
MOX	0.69	309	iPg	36 33.00	-0.2
			iSg	36 42.00	
GRF	0.95	237	iPgc	36 37.90	0.2
			eSg	36 50.30	
			eLg	36 52.60	
WET	1.11	165	iPgc	36 40.40	0.1
CLL	1.15	17	iPg	36 41.30	0.3
			iSg	36 56.50	
BRG	1.16	55	iPgc	36 41.20	0.0
			iSg	36 56.90	
KHC	1.31	146	iPg	36 43.30	-0.5
			Sg	37 01.00	
PRU	1.36	99	ePn	36 44.50	-0.1
			Sg	36 45.00	
KSP	2.53	74	iPg	37 06.50	5.2X
			iS	37 38.00	
KBA	3.19	169	iPnd	37 11.30	0.4
			iSg	38 02.80	
CDF	3.84	244	Pg	37 32.50	12.5X
	0.3s	20.00nm			
			Sg	38 22.00	
MEM	4.14	278	eP	38 29.60	65.5X
BSF	4.42	240	Pg	37 42.50	14.2X
	0.3s	19.00nm			
			Sg	38 39.80	
HAU	4.58	243	Pg	37 45.00	14.6X
	0.5s	29.00nm			
			Sg	38 44.00	
	S.D. = 0.3	on	9 of	14 obs.	

DEC 23, 1985 13h 19m 28.36± 0.45s
50.227 N ± 3.9km 12.430 E ± 3.8km
DEPTH = 10.9 ± 4.1 km
GERMANY (543)
ML 3.5 (FUR), 3.5 (GRF), 3.5 (KBA), 3.6 (VKA).

HOF	0.37	284	iPgd	19 36.00	0.1
MOX	0.67	309	iPg	19 41.50	-0.1
			iSg	19 51.00	
GRF	0.95	236	iPgc	19 47.00	0.7
			eSg	19 59.50	
			eLg	20 01.90	
WET	1.12	165	iPgd	19 49.60	0.3
CLL	1.14	18	iPg	19 49.70	0.0
			iSg	20 05.20	
BRG	1.16	56	iPgc	19 50.20	0.2
			iSg	20 05.20	
KHC	1.33	145	iPg	19 52.50	-0.3
			iSg	20 09.80	
PRU	1.38	99	Pg	19 54.00	0.5
			Sg	20 11.70	
FUR	2.20	201	iPgc	20 12.10	6.7X
KSP	2.54	74	iPg	20 15.50	5.3X
			iS	20 48.00	
TNS	2.56	271	ePb	20 18.00	7.5X
			eSg	20 49.50	
KBA	3.21	169	iPnd	20 19.80	-0.1
			iPg	20 29.20	
			iSn	20 56.80	
			i	21 10.80	
			iSg	21 12.00	
VKA	3.22	126	ePn	20 20.00	0.2
			iPg	20 30.10	
			iSg	21 12.30	
SLE	3.58	228	eP	20 35.70	10.8X
SAX	3.61	216	eP	20 38.60	12.9X
OSS	3.86	204	eP	20 28.90	-0.1
VDL	4.23	209	eP	20 34.20	-0.2
BSF	4.42	239	Pg	20 50.00	13.1X
			Sg	21 45.50	
HAU	4.57	243	Pg	20 54.00	15.0X
			Sg	21 53.00	
TMA	4.76	211	eP	20 38.70	-3.2X
	S.D. = 0.3	on	12 of	20 obs.	

% DEC 23, 1985 13h 22m 47.69± 1.06s
39.202 N ± 9.1km 27.677 E ±11.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.87	202	iPg	23 04.00	-0.4
			iSg	23 16.30	
EDC	1.15	7	ePn	23 07.90	-1.3
KCT	1.17	26	ePn	23 09.50	0.0
EZN	1.22	301	ePn	23 11.00	0.7
YLV	1.89	43	iPn	23 21.40	1.1
YER	2.12	167	ePn	23 28.60	4.9X
GPA	2.30	61	ePn	23 32.00	5.7X
	S.D. = 1.3	on	5 of	7 obs.	

* DEC 23, 1985 13h 38m 19.71± 0.66s
18.812 S ±10.5km 168.916 E ±15.4km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
VANUATU ISLANDS (186)

PVC	1.21	332	iPd	38 41.50	1.1
			iS	38 56.50	
DZM	3.99	215	iPd	39 19.40	-0.7
NOU	4.18	213	iPd	39 22.60	-0.1
			iS	40 07.50	
RMQ	20.10	244	eP	42 53.00	-0.5
CTA	21.41	263	iPd	43 06.10	-0.9
	0.9s	18.91nm		4.5mb	
YOU	23.90	226	eP	43 33.20	1.7

23d 13h

CAN	24.11	223	eP	43	35.00	1.5
WAM	24.73	221	eP	43	41.70	2.3
			i	44	08.90	
WRA	32.60	262	eP	44	49.00	-1.6
ASPA	32.94	255	eP	44	50.00	-3.6X
SPA	71.31	180	eP	49	36.70	-1.2
	1.0s	6.00nm			4.6mb	
KMI	77.79	302	Pc	50	15.50	-0.4
YKA	100.43	27	ePdiff	52	06.40	2.0
NB2	134.95	345	PKP	57	36.00	-0.7
	0.9s	2.80nm				
SOB1	139.51	131	e(PKP)	57	38.00	-8.6X
KHC	143.82	332	ePKP	57	50.90	-2.3
KBA	145.43	330	iPKPd	57	55.00	-1.2
	0.8s	9.00nm				
MEM	145.48	341	PKP	57	54.70	-1.1
LJU	145.58	328	ePKP	57	55.20	-1.0
VOY	145.91	328	ePKP	57	56.40	-0.5
WLF	146.25	340	PKP	57	58.20	1.0
DOU	146.36	342	PKP	57	57.90	0.5
CDF	146.93	337	ePKP	57	59.70	1.2
SLE	147.00	335	iPKPc	57	59.60	1.1
OSS	147.18	333	iPKPc	58	00.80	1.8X
LLS	147.52	334	iPKPc	58	01.50	1.9X
VDL	147.62	333	iPKPc	58	02.10	2.3X
BNG	147.73	747	iPKPd	58	05.00	4.3X
	1.0s	10.00nm				
			id	58	16.80	
TMA	148.18	333	iPKPc	58	03.00	2.3X
MMK	148.60	334	iPKPc	58	05.00	3.6X
DIX	148.81	335	iPKPc	58	05.40	3.6X
FLN	148.91	346	ePKP	58	05.20	3.7X
EMS	149.01	335	iPKPc	58	05.60	3.6X
LOR	149.09	340	iPKPc	58	05.60	3.7X
LBF	149.30	340	ePKP	58	06.30	4.1X
GRC	149.32	341	iPKPd	58	06.80	4.7X
SSF	149.39	340	iPKPc	58	06.50	4.2X
LPG	149.55	335	ePKP	58	07.40	4.4X
SMF	149.64	339	ePKP	58	06.80	4.1X
AVF	149.68	340	ePKP	58	06.70	4.0X
LPF	149.73	347	ePKP	58	07.20	4.5X
BGF	150.04	341	ePKP	58	08.10	4.8X
MZF	150.43	341	ePKP	58	09.10	5.2X
TCF	150.48	341	iPKPc	58	09.10	5.1X
LSF	150.72	342	ePKP	58	09.30	5.0X
MFF	150.86	344	ePKP	58	09.80	5.3X
CVF	150.90	329	ePKP	58	09.80	5.1X
FRF	151.16	333	ePKP	58	10.50	5.4X
LRG	151.37	333	ePKP	58	11.20	5.9X
LMR	151.40	333	ePKP	58	10.90	5.5X
RJF	151.58	341	ePKP	58	11.50	5.9X
CAF	151.75	340	ePKP	58	12.10	6.2X
LFF	152.15	342	ePKP	58	12.90	6.5X
S.D. = 1.4 on 22 of 53 obs.						

DEC 23, 1985 13h 49m 44.99± 0.68s
27.610 N ±10.6km 85.722 E ± 6.3km
DEPTH = 45.3 ± 9.0 km
4.6mb (4 obs.)
NEPAL (310)

PKI	0.28	262	iPgc	49	54.30	0.4
KKN	0.43	295	iPgc	49	54.60	-0.8
DMN	0.55	270	iPgc	49	58.40	1.5
LSA	5.20	65	ePn	51	01.20	-1.6
NDI	7.58	280	eP	51	35.50	-0.2
			eS	52	57.00	
HYB	12.11	215	eP	52	37.50	-0.2
			eS	54	46.50	
POO	14.17	233	eP	53	04.00	-0.8
CHG	14.97	123	eP	53	17.00	1.7
GBA	15.94	211	P	53	32.00	4.3X
	0.3s	0.80nm			3.3mb	X
CD2	16.08	74	P	53	23.90	-5.6X
GTA	16.61	41	iPc	53	36.70	0.5
QUE	16.64	283	eP	53	35.00	-1.8
LZH	17.54	57	eP	53	49.50	1.5
GYA	18.69	89	P	54	02.00	-0.1
KOD	18.95	206	eP	54	14.50	8.9X
XAN	20.91	66	eP	54	24.00	-2.0
BTO	23.84	51	eP	54	55.00	0.1
TIY	24.57	59	eP	55	01.00	-1.0
HHC	25.01	51	eP	55	08.00	1.8
CN2	35.69	52	eP	56	39.00	-1.9
KJF	51.66	332	eP	58	51.00	1.9
SUF	51.96	330	iP	58	52.50	1.2
	0.5s	3.80nm			4.7mb	

NUR	52.19	327	iP	59	01.00	7.9X
PRU	57.53	314	eP	59	37.00	5.0X
			Sg	22	44.00	
HFS	57.58	326	eP	59	32.60	0.4
	0.6s	2.50nm			4.5mb	
BRG	57.83	315	eP	59	39.50	5.4X
NB2	58.80	327	P	59	40.40	-0.4
	0.6s	0.80nm			4.0mb	
WRA	66.70	130	Pd	00	38.40	4.7X
	0.7s	43.10nm			5.6mb	X
BNG	67.75	263	ePd	00	45.90	5.4X
	0.4s	4.00nm			4.8mb	
S.D. = 1.4 on 21 of 29 obs.						

DEC 23, 1985 13h 54m 06.14± 0.66s
50.232 N ± 6.4km 12.431 E ± 6.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.67	309	ePg	54	19.00	-0.4
			iSg	54	28.00	
GRF	0.95	236	ePg	54	24.60	0.4
			eSg	54	37.10	
			eLg	54	39.40	
CLL	1.14	18	iPg	54	27.60	0.2
			iSg	54	42.80	
BRG	1.16	56	iPg	54	28.00	0.2
			iSg	54	42.60	
KHC	1.33	145	Pg	54	30.50	-0.2
			Sg	54	48.30	
PRU	1.38	99	Pg	54	31.30	-0.1
			Sg	54	48.50	
S.D. = 0.4 on 6 of 6 obs.						

• DEC 23, 1985 14h 24m 08.65± 1.49s
23.121 N ± 9.7km 121.384 E ±13.6km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWF1	0.24	341	iPd	24	13.50	-0.3
TWG	0.42	224	iPc	24	17.10	0.0
			eS	24	23.50	
TWK	0.84	280	iPc	24	25.00	0.1
TWD	0.97	11	eP	24	27.80	0.7
TWQ	1.25	336	iPc	24	32.50	0.5
TWC	1.54	16	iPc	24	36.80	0.6
TATO	1.85	3	eP	24	39.00	-1.6
S.D. = 1.0 on 7 of 7 obs.						

DEC 23, 1985 15h 43m 45.37± 0.46s
50.247 N ± 4.4km 12.436 E ± 4.2km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.8 (FUR), 2.7 (GRF), 3.1 (KBA).

HOF	0.36	281	iPgd	43	52.60	-0.3
MOX	0.66	308	iPg	43	58.50	0.0
			iSg	44	07.00	
GRF	0.96	235	iPgc	44	04.00	0.3
			eSg	44	16.10	
			eLg	44	18.30	
CLL	1.12	18	iPg	44	06.40	0.0
			iSg	44	21.70	
WET	1.14	165	iPgc	44	06.70	0.0
BRG	1.15	56	iPgc	44	07.10	0.2
			iSg	44	22.00	
KHC	1.34	146	iPg	44	09.80	-0.3
			iSg	44	27.50	
PRU	1.38	100	Pg	44	10.50	-0.1
			eSg	44	28.50	
			i	44	29.10	
FUR	2.22	201	iPgc	44	29.10	6.3X
KBA	3.23	169	iPnd	44	37.40	0.2
			i	45	26.00	
			iSg	45	28.00	
S.D. = 0.3 on 9 of 10 obs.						

DEC 23, 1985 16h 04m 31.57± 0.44s
12.468 N ± 6.7km 142.903 E ± 7.2km
DEPTH = 33.0km (normal)
4.8mb (2 obs.)
SOUTH OF MARIANA ISLANDS (210)

GUMO	2.21	60	e(P)	05	06.00	-0.7
	1.7s	3902.44nm				
PJG	2.21	60	eP	05	06.60	-0.1

GUA	2.23	61	eP	05	06.50	-0.4
	1.3s	1430.77nm				
AAI	21.71	223	eP	09	21.50	-0.4
PMG	22.14	169	eP	09	26.50	0.3
MAT	24.34	351	eP	09	49.00	1.4
	1.3s	38.46nm			4.8mb	
WHN	31.94	309	eP	11	03.00	6.4X
CTA	32.52	174	iPc	11	02.20	0.5
	1.3s	57.69nm			5.3mb	X
			iS	16	20.00	
WRA	33.29	195	Pd	11	06.20	-2.3
	1.0s	12.60nm			4.8mb	
MDJ	34.01	343	eP	11	10.00	-4.4X
BJI	36.18	324	eP	11	31.50	-1.5
TIY	37.03	318	eP	11	39.50	-0.8
XAN	37.62	311	eP	11	45.40	0.1
HHC	39.41	322	eP	12	04.00	3.7X
BTO	40.22	320	eP	12	09.50	2.6X
CD2	40.47	303	eP	12	09.00	-0.1
BRS	40.76	166	P	12	12.10	0.7
DZM	41.37	146	iPc	12	16.20	-0.3
NOU	41.56	146	iPc	12	19.50	1.6
LZH	42.26	311	P	12	30.50	6.7X
GTA	46.51	313	P	12	59.00	1.1
WMQ	56.54	315	eP	14	14.00	0.7
ZOBO	149.72	101	ePKP	24	10.50	-5.9X
	1.3s	43.38nm				
			i	24	22.00	
LP8	149.73	101	ePKP	24	10.00	-6.2X
CNCB	149.83	102	PKP	24	08.50	-8.0X
TPZ	151.24	112	ePKP	24	26.00	7.7X
S.D. = 1.1 on 17 of 26 obs.						

DEC 23, 1985 16h 53m 41.28± 0.67s
62.278 N ± 8.9km 124.445 W ± 7.5km
DEPTH = 10.0km (geophysicist)
3.8mb (1 obs.)
NORTHWEST TERRITORIES, CANADA (679)

FST1	1.58	107	Pg	54	12.00	2.6
YKA	4.59	83	eP	54	51.90	-0.3
RSNT	4.59	83	iP	54	52.80	0.5
YKC	4.65	83	eP	54	53.00	-0.1
DWY	7.01	291	P	55	26.00	-0.4
			Lg	57	26.00	
INK	7.14	332	eP	55	28.00	-0.2
COL	10.70	294	eP	56	19.00	1.5
	0.8s	7.46nm			5.1mb	X
EDM	10.82	142	eP	56	18.00	-1.2
PNT	13.27	166	eP	56	53.00	0.9
FFC	13.91	113	eP	56	04.00	-56.5X
SES	14.00	142	eP	57	00.00	-1.7
MBC	14.14	5	eP	57	02.00	-1.4
RSON	20.21	110	eP	58	17.80	-0.8
BDW	21.42	149	eP	58	35.10	3.6X
	0.9s	3.59nm			3.8mb	
LHC	23.96	109	eP	59	04.00	7.9X
FR8	24.73	62	eP	59	04.00	0.6
S.D. = 1.3 on 13 of 16 obs.						

DEC 23, 1985 16h 56m 17.76± 0.72s
36.861 N ± 6.1km 26.559 E ± 5.7km
DEPTH = 39.1 ± 8.5 km
4.1mb (7 obs.)
DODECANESE ISLANDS (369)

YER	1.41	78	iPn	56	40.10	-1.2
IZM	1.63	20	iPn	56	43.50	-1.0
NPS	1.77	206	ePn	56	45.60	-0.9
			eSn	57	09.00	
PRK	2.39	355	ePn	56	54.00	-1.3
			ePg	57	00.00	
ATH	2.52	297	ePn	56	58.50	1.3
			eSb	57	38.00	
ELL	2.69	91	iPn	57	01.20	1.4
EZN	2.97	357	ePn	57	01.00	-2.5
BCK	3.27	78	ePn	57	08.00	0.0
EDC	3.63	16	ePn	57	13.00	0.1
KCT	3.66	22	iPn	57	23.30	9.9X
YLV	4.30	30	iPn	57	37.30	14.8X
GPA	4.51	40	ePn	57	33.00	7.5X
ISK	4.63	24	ePn	57	42.00	14.9X
HRT	4.64	31	ePn	57	40.00	12.7X
KZN	5.09	314	ePn	57	36.00	2.3X
VAY	5.43	326	ePn	57	48.30	10.0X
OHR	6.18	315	ePn	57	41.50	-7.5X
VRI	9.00	1	eP	58	30.00	1.8

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KBA    14.15 320 i(P)  59 47.00   9.3X
SMF    19.51 307 eP    00 43.90  -0.6
SSF    19.88 308 eP    00 48.50   0.1
       0.7s      4.80nm          3.9mb
BGF    20.11 306 eP    00 51.30   0.4
       0.8s      9.40nm          4.2mb
GRC    20.24 308 iPc   00 52.20   0.0
DOU    20.62 317 P     00 56.30   0.2
HFS    24.71 345 eP    01 35.90  -0.5
       0.6s      1.40nm          3.7mb
SUF    25.89 360 eP    01 49.00   1.6
NB2    26.08 343 P     01 48.50  -0.7
       0.9s      3.20nm          3.9mb
BNG    33.10 195 ePd   02 52.20   0.0
       0.8s      3.00nm          4.2mb
KIC    41.68 231 eP    04 04.00  -0.3
DMN    49.71  83 eP    05 08.20  -0.2
       0.6s      5.00nm          4.7mb
KKN    49.76  83 eP    05 08.20  -0.6
       0.5s      3.00nm          4.6mb
PKI    49.96  83 eP    05 09.80  -0.6
     S.D. = 1.1  on  23 of  32 obs.

•  DEC 23, 1985  17h 04m 13.98± 0.64s
   28.141 N ±10.5km  140.507 E ±10.9km
   DEPTH =  33.0km  (normal)
   4.7mb (  2 obs.)
 BONIN ISLANDS REGION                (212)

CBI     1.82 125 eP    04 43.00  -0.4
                eS    05 02.00
MAT     8.60 348 (P)   06 20.00   0.9
                eS    08 24.00
TIA    21.33 298 eP    09 00.00  -0.3
BJI    23.31 307 eP    09 18.50  -1.3
                eS    13 37.00
                eSS   14 22.00
TIY    25.34 299 Pc    09 40.00   0.5
XAN    27.61 290 Pc    10 00.30  -0.1
CD2    32.01 284 (P)   10 39.50  -0.1
GTA    35.37 299 P     11 08.30  -0.4
PSI    47.02 245 eP    12 45.00   0.7
WRA    48.17 188 Pc    12 53.70   0.5
       0.7s      8.60nm          4.9mb
GBA    60.10 270 P     14 23.00   2.3X
       0.6s      2.20nm          4.5mb
YKC    71.99  28 eP    15 43.00   7.0X
     S.D. = 0.7  on  10 of  12 obs.

•  DEC 23, 1985  17h 20m 06.22± 1.16s
   31.216 S ± 8.5km   68.245 W ±22.8km
   DEPTH = 109.9 ± 16.3 km
 SAN JUAN PROVINCE, ARGENTINA        (137)

RTLL    0.22 239 iPd   20 21.70  -0.5
CFA     0.39 179 iPd   20 23.20   0.5
                S     20 57.00
ZON     0.50 228 iPd   20 23.30   0.0
                eS    20 33.00
RTCB    0.55 240 iPc   20 23.20  -0.5
RTCV    0.69 201 iPd   20 25.00   0.2
                S     20 38.00
VCA     2.47   1 ePd   20 47.00   1.0
                S     21 19.00
CYA     3.49  38 e(P)  20 59.50  -0.1
RFA     3.55 183 ePd   21 00.60   0.1
SLA     6.90  21 ePd   21 45.80  -0.7
     S.D. = 0.7  on   9 of   9 obs.

   DEC 23, 1985  17h 56m 34.97± 1.20s
   36.241 N ± 6.7km   71.064 E ± 6.4km
   DEPTH = 120.6 ± 12.7 km
   4.8mb ( 14 obs.)
 AFGHANISTAN-USSR BORDER REGION  (717)
     Felt (III) at Dushanbe, Khorog
     and Obigorm, USSR.

KSH     5.04  49 P     57 52.30   2.6
                S     58 48.30
NDI     9.15 144 eP    58 42.70  -2.7
                eS    00 21.00
MHI     9.34 274 ePn   58 46.00  -2.1
                eS    00 27.00
WMO    14.80  54 P     59 57.00  -2.4
                S     02 33.70
 R2    16.34 274 eP    00 20.00   1.3
 OO    17.81 171 eP    00 37.50   0.8

LSA    18.06 105 Pd    00 38.00  -2.0
KER    19.64 272 e(P)  00 59.00   2.4
HYB    19.89 159 ePc   01 00.20   1.1
       0.6s     30.00nm          4.8mb
GTA    22.89  73 P     01 30.80   1.9
GBA    23.26 164 Pc    01 34.40   2.0
       0.5s      5.80nm          4.2mb
KOD    26.53 166 eP    02 05.00   1.5
CD2    27.67  92 P     02 17.50   4.1X
KMI    29.29 103 eP    02 29.00   0.8
CHG    30.05 118 eP    02 39.00   4.3X
TIY    32.89  75 eP    03 04.50   5.0X
VRI    34.40 300 eP    03 18.00   5.7X
NUR    36.07 324 iP    03 43.00   0.1
       0.7s     22.60nm          5.1mb
KJF    36.14 331 iP    03 43.80   0.3
       0.8s     19.10nm          5.0mb
SUF    36.17 328 iP    03 43.90   0.1
       0.7s     13.70nm          4.9mb
KRA    39.01 307 eP    03 51.60   0.7
                e     04 20.80
SOD    39.99 335 iP    03 59.10   0.3
SRO    40.13 304 eP    03 56.70  -3.4X
UPP    41.31 322 iP    04 09.20  -0.4
IPM    41.85 132 ePd   04 16.10   1.5
PRU    42.49 307 eP    04 21.50   2.0
BRG    42.82 308 eP    04 22.00  -0.2
KHC    43.18 306 eP    04 25.00  -0.1
HFS    43.30 322 eP    04 25.30  -0.6
       0.6s     27.90nm          5.2mb
NB2    44.62 323 P     04 35.50  -1.1
       0.6s     17.00nm          5.0mb
PPI    45.56 137 ePd   04 45.00   0.6
LPG    48.33 302 eP    05 07.40   1.2
       0.7s      4.40nm          4.4mb
KSI    49.41 137 iPd   05 14.00  -0.4
                e     07 22.20
SMF    50.04 304 eP    05 17.90  -1.0
       0.8s      5.30nm          4.5mb
AVF    50.33 304 eP    05 21.00  -0.1
MZF    50.99 304 eP    05 31.10   4.9X
CAF    51.68 302 eP    05 32.60   1.2
DAG    55.02 344 iPc   05 54.20  -1.3
       0.7s      4.79nm          4.6mb
BNG    57.61 250 iPc   06 12.50  -2.2
       0.4s     17.00nm          5.4mb
MTD    64.60 222 iPc   07 01.00  -0.7
KRI    65.73 224 eP    07 08.70  -0.3
MBC    67.59   3 eP    07 20.00   0.1
       0.8s     19.00nm          5.0mb
BUL    68.96 223 iPc   07 28.90  -0.3
       0.7s     13.70nm          4.9mb
MBL    73.37 133 eP    07 55.00  -0.4
INK    74.15   9 eP    07 59.00  -0.3
KIC    74.82 267 eP    08 02.60  -1.4
MRWA   77.62 141 eP    08 18.50  -0.8
YKC    81.52   3 eP    08 39.00  -0.7
WRA    81.81 122 Pc    08 41.00  -0.9
       0.5s      1.70nm          4.1mb
     S.D. = 1.4  on  43 of  49 obs.

   DEC 23, 1985  18h 15m 09.24± 0.93s
   13.979 S ± 5.2km  166.320 E ± 4.7km
   DEPTH =  42.1 ±  8.0 km
   5.5mb ( 21 obs.)  5.3Msz (  3 obs.)
 VANUATU ISLANDS                     (186)
     CENTROID, MOMENT TENSOR         (HRV)
     Dodo Used: GDSN
     L.P.B.: 15S, 33C
     Centroid Locotion:
     Origin Time          18:15:11.9 0.4
     Lot 13.97S 0.04 Lon 166.21E 0.04
     Dep  38.7 2.6 Half-duration  2.1
     Moment Tensor; Scale 10**24 D-CM
       Mrr= 1.88 0.05   Mtt= 0.76 0.10
       Mff=-2.65 0.10   Mrt= 0.12 0.10
       Mrf=-0.47 0.14   Mtf=-0.36 0.06
      Principal Axes:
       T  Val=  1.95  Plg=80  Azm= 39
       N        0.78       8       185
       P       -2.73       6       276
     Best Double Couple:Mo=2.3*10**24
      NP1:Strike= 15 Dip=40 Slip= 103
      NP2:       178      51       79

PVC     4.20 153 iPc   16 14.50   2.0
                iS    17 15.00

HNR     7.70 305 eP    17 02.00   0.2
                eS    18 30.00
SVO     7.98 306 eP    17 05.00  -0.6
VSG     8.00 305 eP    17 04.00  -1.9
DZM     8.05 179 iPd   17 04.00  -2.6
                iS    18 32.90
NOU     8.29 179 iPc   17 07.50  -2.3
                iS    18 40.00
NDF    11.35 111 eP    17 53.10   1.3
VUN    12.34 111 eP    18 00.30  -4.9X
ALOA   16.01 281 eP    18 55.00   1.9
RAB    17.01 304 eP    19 04.00  -1.8
BRS    18.38 221 P     19 24.90   2.1
                i     20 44.00
                iS    22 57.00
                i     23 12.00
PMG    19.31 282 eP    19 34.50   0.7
CTA    20.12 250 iPd-  19 43.50   1.0
       1.1s    211.39nm          5.4mb
                iS    23 22.00
RMO    20.62 230 eP    19 49.00   1.3
COO    21.20 216 eP    19 56.00   2.4
MDG    22.01 291 eP    20 05.00   3.2X
RIV    24.08 212 e(P)  20 20.00  -1.8
KRP    25.22 163 eP    20 33.00   0.3
CMS    25.63 224 eP    20 37.00   0.4
YOU    25.93 216 eP    20 42.60   3.2X
CAN    26.36 213 eP    20 39.80  -3.6X
                e     20 57.20
WAM    27.09 212 eP    20 51.70   1.7
MNG    27.72 165 P     20 54.50  -1.2
STK    28.80 228 iPc   21 06.40   0.8
MSZ    30.62 178 eP    21 19.00  -2.5
WB2    31.11 255 eP    21 23.90  -2.3
                eS    53 11.10
WRA    31.12 255 Pd    21 24.50  -1.8
       0.9s     23.00nm          5.0mb
ASPA   32.09 248 iPd   21 34.00  -0.8
       0.6s     42.00nm          5.5mb
ADE    32.50 225 iPd   21 39.10   0.9
GUMO   34.66 321 e(P)  22 02.00   4.9X
KNA    36.31 262 eP    22 11.00  -0.1
       0.9s     55.00nm          5.5mb
WBN    39.09 246 eP    22 34.00  -0.4
       0.4s     16.00nm          5.2mb
                e     24 56.00
KUPT   41.90 270 eP    23 01.50   3.9X
PPN    42.66 101 eP    23 03.00  -0.8
       1.0s     25.00nm          4.9mb
TVO    42.83 101 eP    23 04.00  -1.2
       1.0s     55.00nm          5.2mb
PMO    44.28  97 iP    23 19.00   2.1
       1.2s    135.00nm          5.6mb
VAH    44.51  98 iP    23 20.60   1.8
       1.2s     80.00nm          5.4mb
TPT    44.55  97 iP    23 21.00   1.9
       1.2s     85.00nm          5.4mb
RUV    44.76  98 iP    23 22.50   1.7
       1.2s     90.00nm          5.5mb
MBL    44.76 254 eP    23 21.00   0.2
MEK    46.29 247 eP    23 33.00   0.1
KLB    47.67 240 eP    23 43.00  -0.7
NWAO   48.35 238 eP    23 48.00  -0.9
NAU    48.82 252 eP    23 53.00   0.4
MRWA   48.83 243 eP    23 52.50  -0.1
MUN    49.04 240 eP    23 54.60   0.4
       0.8s     28.00nm          5.3mb
TRT    53.00 271 ePc   24 24.60   0.0
KKM    53.55 288 ePc   24 28.60   0.0
       1.0s     85.90nm          5.7mb
BAG    54.35 302 eP    24 34.00  -0.5
MAT    56.82 333 eP    24 50.00  -1.9
       1.0s     22.00nm          5.1mb
                eS    32 48.00
SSE    62.35 317 eP    25 31.20   1.2
SBA    63.88 180 iP    25 40.80   1.4
       1.7s    384.62nm          6.2mb
                (S)   34 22.00
                LR    48 40.00
NJ2    64.50 316 Pd    25 45.20   1.1
PPI    66.55 276 eP    26 01.50   3.8X
WHN    66.76 312 eP    25 59.20   0.5
MDJ    67.19 332 eP    26 00.70  -0.4
SNY    68.08 327 eP    26 07.80   1.1
                lS    35 08.00
TIA    68.17 319 eP    26 07.00  -0.5
CN2    68.53 329 Pc    26 08.60  -0.9
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23d 18h

			eS	35	06.00	
PSI	68.81	278	ePc	26	13.70	1.9
GYA	70.53	305	P	26	22.60	0.3
LOE	70.95	294	eP	26	24.00	-0.8
BJI	71.11	321	eP	26	25.00	-0.3
			eS	35	42.00	
			eSKS	36	26.00	
TIY	72.09	318	eP	26	32.50	1.1
XAN	72.51	313	eP	26	33.60	-0.3
KMI	73.10	302	eP	26	38.50	0.5
CHG	73.93	295	iPd	26	43.40	1.0
	1.0s		11.50nm			4.8mb
HHC	74.42	320	P	26	45.80	0.8
CD2	74.83	308	eP	26	48.80	1.3
BTO	75.26	319	eP	26	51.00	1.2
SPA	76.11	180	iPc	26	53.80	-0.5
	0.7s		70.31nm			5.7mb
	Z 20s		1.80um			5.4Msz
LZH	77.14	313	P	27	01.50	0.9
GTA	81.49	314	P	27	24.40	0.5
LSA	84.38	302	eP	27	40.80	1.4
PRI	84.92	51	e(P)	27	37.10	-4.4X
WDC	85.21	46	e(P)	27	46.40	3.7X
ORV	85.56	48	eP	27	45.20	0.7
JAS1	85.74	49	eP	27	45.40	0.0
COL	85.92	18	eP	27	45.00	-0.7
	1.1s		47.47nm			5.6mb
FRI	85.94	50	e(P)	27	46.30	-0.1
MWC	86.25	54	eP	28	05.00	16.7X
ISA	86.42	52	eP	27	59.00	10.1X
BAR	86.84	55	eP	28	09.00	18.0X
PLM	86.91	55	eP	27	50.00	-1.5
TPC	87.79	54	eP	27	58.00	2.5X
PKI	88.53	299	eP	28	00.10	0.5
	0.5s		19.00nm			5.6mb
KKN	88.70	299	eP	28	00.90	0.6
	0.6s		21.00nm			5.6mb
DMN	88.80	299	eP	28	01.70	0.9
	0.5s		32.00nm			5.9mb
WMQ	91.55	315	P	28	13.70	0.8
ALQ	95.64	56	e(P)	28	30.00	-2.1
	Z 18s		1.20um			5.4Msz
CNCB	118.27	118	PKP	33	55.00	-0.2
LPB	118.29	118	(PKP)	33	55.00	-0.1
	Z 20s		0.35um			5.0Msz
			LR	12	25.00	
ZOBO	118.38	117	ePKPd	33	54.30	-1.2
			LR	12	30.00	
KEV	118.77	345	ePKP	33	53.00	-0.9
SOD	120.52	343	ePKP	33	56.00	-1.3
KJF	122.31	340	iPKP	34	00.00	-0.8
SUF	123.82	339	iPKP	34	02.50	-1.3
	0.6s		8.40nm			
NUR	125.83	338	iPKP	34	06.80	-1.0
	0.8s		19.10nm			
MTD	125.85	237	iPKPd	34	08.70	-0.5
BUL	126.34	232	iPKP	34	15.50	5.3X
KRI	127.42	236	ePKP	34	19.50	7.2X
NB2	129.66	345	PKP	34	13.90	-1.2
	0.7s		5.40nm			
HFS	129.74	343	ePKP	34	13.80	-1.4
	0.8s		6.70nm			
VAO	130.88	138	e(PKP)	34	17.00	-1.7
BRG	136.94	335	ePKP	34	30.80	1.6
	1.2s		21.00nm			
			e	38	03.00	
CLL	137.00	336	ePKP	34	29.00	-0.3
SRO	137.08	328	iPKP	34	30.70	1.2
PRU	137.35	333	ePKP	34	29.00	-1.0
			e	38	00.00	
			e	38	04.30	
ZST	137.43	330	e(PKP)	34	30.10	-0.1
KHC	138.40	333	PKP	34	31.70	-0.4
WTS	138.67	341	ePKP	34	32.00	-0.3
SKO	138.77	319	ePKP	34	37.50	4.6X
GRF	138.97	335	ePKP	34	35.50	2.5
OHR	139.63	319	ePKP	34	33.30	-1.3
KBA	140.02	331	iPKPc	34	36.70	1.5
	0.8s		4.80nm			
			i	34	45.20	
MEM	140.12	340	PKP	34	36.90	1.9
LJU	140.18	329	ePKP	34	34.00	-1.3
			e	38	12.50	
DOU	141.02	341	PKPc	34	33.80	-2.9X
			e	38	14.30	
OSS	141.76	333	ePKPc	34	33.20	-5.2X
VDL	142.21	334	ePKPc	34	34.60	-4.6X
TMA	142.77	334	ePKPc	34	35.30	-4.8X
MMK	143.19	335	ePKPc	34	37.80	-3.1X
DIX	143.40	335	ePKPc	34	38.40	-2.9X
EMS	143.60	336	ePKPc	34	39.00	-2.6X
FLN	143.64	345	ePKP	34	40.40	-0.9
LOR	143.72	340	ePKP	34	39.60	-1.9
LBF	143.93	339	ePKP	34	39.40	-2.5X
GRC	143.96	341	iPKPc	34	39.50	-2.3X
SSF	144.02	340	ePKP	34	39.50	-2.5X
GRR	144.09	345	ePKP	34	41.00	-1.0
LPG	144.14	335	ePKP	34	40.90	-1.7
SMF	144.27	339	ePKP	34	40.20	-2.2X
AVF	144.31	340	ePKP	34	40.30	-2.2X
LPF	144.46	345	ePKP	34	40.90	-1.8
SOB1	144.50	129	ePKP	34	40.20	-3.6X
			e	34	44.70	
BGF	144.68	340	iPKPc	34	42.00	-1.1
MZF	145.07	340	iPKPc	34	43.20	-0.6
TCF	145.13	341	ePKP	34	43.50	-0.4
LSF	145.38	341	ePKP	34	44.10	-0.2
CVF	145.50	330	iPKPc	34	44.50	-0.2
MFF	145.55	343	ePKP	34	44.50	-0.1
FRF	145.75	333	iPKPc	34	45.30	0.3
LRG	145.96	334	iPKPc	34	46.00	0.6
LMR	145.99	333	iPKPc	34	46.00	0.6
RJF	146.22	341	ePKP	34	46.80	1.0
CAF	146.38	340	ePKP	34	47.50	1.4
ITR	146.63	131	ePKP	34	44.70	-2.6X
			i	34	46.60	
LFF	146.80	341	ePKP	34	48.30	1.6
BNG	146.85	256	iPKPd	34	47.00	-0.7
	0.9s		113.00nm			
			id	34	50.00	
			id	35	04.30	
			id	37	09.60	
LPO	146.88	340	ePKP	34	48.80	2.0
MLS	148.45	339	iPKPd	34	52.90	3.5X
EPF	148.63	340	ePKP	34	54.10	4.3X
LGR	150.02	343	iPKPd	34	57.50	5.7X
TOL	152.84	344	ePKP	35	04.00	7.9X
KIC	168.40	230	ePKP	35	13.00	-0.2

S.D. = 1.2 on 121 of 155 obs.

DEC 23, 1985 10h 16m 48.61± 0.65s
38.501 N ± 6.1km 21.926 E ± 7.3km
DEPTH = 28.3 ± 4.2 km
3.9mb (3 obs.)

GREECE (364)

ML 3.5 (ATH).

VLS	1.10	253	ePb	17	07.00	-1.2
ATH	1.51	110	ePn	17	15.00	1.1
			eSn	17	35.00	
LIT	1.66	15	iPd	17	16.00	-0.1
KZN	1.81	356	ePn	17	19.00	0.6
PAIG	1.97	43	eP	17	20.20	-0.5
			eS	17	44.40	
THE	2.27	20	eP	17	23.80	-1.2
OUR	2.43	40	eP	17	26.80	-0.4
			eS	17	55.40	
GRG	2.48	8	ePd	17	28.40	0.4
			eS	17	55.40	
SOH	2.57	25	eP	17	28.90	-0.3
OHR	2.75	342	ePn	17	33.30	1.5
KNT	2.76	15	ePd	17	31.60	-0.3
			eS	18	03.10	
VAY	2.86	10	iPn	17	32.70	-0.6
VAY	2.86	10	ePn	17	33.30	0.0
SRS	2.91	26	ePd	17	33.30	-0.7
			eS	18	04.20	
SKO	3.49	354	iPn	17	44.00	1.7
MLR	7.60	22	eP	18	43.00	2.7X
KBA	10.63	326	eP	19	27.50	5.2X
	0.5s		2.70nm			4.8mb
			i	19	33.00	
HFS	22.27	349	eP	21	44.60	-0.1
	0.4s		1.70nm			3.9mb
NB2	23.54	347	P	21	56.40	-0.7
	0.4s		0.50nm			3.4mb
BNG	34.05	186	ePd	23	32.90	0.4
	0.7s		7.00nm			4.7mb X

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

DEC 23, 1985 18h 17m 48.84± 0.50s
50.241 N ± 4.7km 12.402 E ± 4.6km
DEPTH = 10.0km (geophysicist)

GERMANY (543)

ML 2.2 (GRF).

HOF	0.34	282	iPgd	17	55.80	-0.2
MOX	0.65	309	iPg	18	01.70	-0.1
			iSg	18	10.50	
GRF	0.94	235	ePg	18	07.20	0.4
			eSg	18	19.60	
CLL	1.14	19	iPg	18	10.20	0.1
			iSg	18	25.50	
WET	1.14	164	iPgd	18	10.00	-0.2
BRG	1.17	57	iPgc	18	10.70	0.0
			iSg	18	25.70	
KHC	1.35	145	iPg	18	14.50	0.8
			iSg	18	30.80	
PRU	1.40	100	Pg	18	14.30	-0.1
			Sg	18	32.00	
VOY	4.33	166	ePn	19	04.30	8.0X
			e	19	28.70	
			e	19	50.00	
LJU	4.44	160	e(Pn)	19	03.80	6.1X
CEY	4.71	162	e(Pn)	19	00.70	-0.9
			eSn	20	39.90	

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

* DEC 23, 1985 18h 40m 30.06± 1.06s
37.414 N ±13.6km 71.830 E ±11.2km
DEPTH = 33.0km (normal)
4.3mb (4 obs.)

AFGHANISTAN-USSR BORDER REGION (717)

QUE	8.27	211	eP	42	30.40	-0.4
			eS	43	56.50	
NDI	9.81	151	eP	42	53.00	1.2
			eS	44	31.00	
KKN	14.84	126	eP	43	59.00	-0.4
	0.5s		9.00nm			4.4mb
DMN	14.85	127	eP	43	59.80	0.2
	0.4s		7.00nm			4.4mb
PKI	15.07	127	eP	44	01.90	-0.7
	0.5s		6.00nm			4.1mb
HFS	42.77	321	eP	48	25.90	0.2
	0.3s		1.10nm			4.1mb

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

% DEC 23, 1985 18h 52m 37.81± 3.88s
46.606 N ±19.4km 1.526 E ±25.2km
DEPTH = 10.0km (geophysicist)

FRANCE (538)

ML 2.5 (LDG).

LSF	0.36	180	Pg	52	45.00	-0.2
			Sg	52	52.20	
TCF	0.57	124	Pg	52	49.50	0.1
			Sg	53	00.00	
MZF	0.83	118	Pg	52	53.80	-0.1
			Sg	53	08.00	
BGF	0.91	93	Pg	52	55.00	-0.3
	0.2s		12.00nm			
			Sg	53	09.00	
AVF	1.27	81	Pg	53	00.80	-0.6
			Sg	53	18.50	
SMF	1.60	88	Pg	53	07.00	0.8
	0.2s		3.00nm			
			Sg	53	29.80	

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

DEC 23, 1985 19h 30m 14.44± 0.77s
42.323 N ± 7.2km 19.949 E ± 6.5km
DEPTH = 10.0km (geophysicist)

YUGOSLAVIA (383)

DUR 2.5 (TTG).

PVY	0.27	4	iPgc	30	19.90	-0.3
			iSg	30	25.00	
TTG	0.52	282	ePg	30	25.00	0.0
			eSg	30	34.20	
IVA	0.55	356	ePg	30	25.30	-0.3
			eSg	30	34.50	
NKY	0.86	305	ePg	30	31.00	0.0
			eSg	30	45.50	
HCY	1.08	277	iPgd	30	35.50	0.7
			eSg	30	53.00	
SKO	1.16	107	iPn	30	37.50	1.3
			i	30	39.00	
BRY	1.19	300	ePg	30	31.20	-5.5X
			eSg	30	45.50	
OHR	1.37	152	ePn	30	38.20	-1.4

VAY 2.20 116 ePn 30 55.00 3.5X
S.D. = 1.0 on 7 of 9 obs.

DEC 23, 1985 19h 37m 54.96± 0.13s
62.097 N ± 2.2km 124.310 W ± 2.8km
DEPTH = 10.0km (geophysicist)
5.4mb (58 obs.) 5.0Msz (4 obs.)
NORTHWEST TERRITORIES, CANADA (679)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 19C
Centroid Location:
Origin Time 19:37:56.4 3.2
Lat 62.24N 0.32 Lon 123.95W 0.46
Dep 10.0 FIX Half-duration 1.4
Moment Tensor; Scale 10**23 D-CM
Mrr= 5.96 0.58 Mtt=-0.84 0.76
Mff=-5.12 0.81 Mrt= 2.07 2.67
Mrf=-1.62 2.93 Mtf=-0.29 0.71
Principal Axes:
T Val= 6.76 Plg=73 Azm= 27
N -1.41 15 178
P -5.35 8 270
Best Double Couple:Mo=6.1*10**23
NP1:Strike= 17 Dip=39 Slip= 115
NP2: 167 55 71

FST1 1.48 101 Pg 38 22.10 0.6
RSNT 4.55 81 iP 39 03.80 -1.6
YKC 4.61 81 eP 39 04.00 -2.2
DWY 7.14 293 P 39 39.50 -2.4X
e 40 08.50
S 41 28.50
Lg 43 28.50
INK 7.33 332 eP 39 41.00 -3.5X
SIT 7.53 233 ePc 39 46.60 -0.7
YAH 8.58 266 eP 40 01.30 -1.0
TOA 10.24 280 eP 40 26.30 1.4
EDM 10.64 142 eP 40 25.60 -4.8X
FBA 10.83 295 eP 40 31.20 -1.8X
PHC 11.55 190 eP 40 41.00 -1.7X
PME 11.66 279 eP 40 44.70 0.5
0.7s 104.30nm 6.3mb X
PMR 11.71 279 eP 40 45.30 0.4
0.7s 100.00nm 6.2mb X
PNT 13.08 166 eP 40 59.00 -4.2X
IMA 13.37 300 eP 41 05.10 -2.0
0.4s 26.80nm 5.6mb X
MCW 13.47 176 P 41 07.20 -1.3
FFC 13.78 112 eP 41 04.50 -8.0X
SES 13.81 142 eP 41 07.00 -6.0X
YKM 14.11 156 iPc 41 11.30 -5.7X
eS 45 20.00
RXF 14.22 155 ePc 41 13.70 -4.7X
iS 45 18.00
MBC 14.31 5 eP 41 14.00 -5.3X
NEW 14.44 160 e(P) 41 15.00 -6.2X
LDM 14.58 156 eP 41 18.70 -4.3X
eS 45 15.30
TTA 14.58 287 e(P) 41 22.60 -0 4
1.0s 137.50nm 5.5mb X
GMW 14.61 176 P 41 22.00 -1.3
KDC 14.72 265 eP 41 25.20 0.6
LHD 14.72 156 iPd 41 19.40 -5.5X
iS 45 31.30
CLX 14.85 155 iPd 41 21.90 -4.8X
eS 45 29.70
SVW 14.86 280 eP 41 26.00 -0.6
LON 15.45 174 P 41 33.40 -0.9
BFW 15.66 177 P 41 35.40 -1.6
MFW 16.58 165 P 41 47.80 -1.0
COR 17.55 178 eP 42 02.00 1.0
LRM 17.68 152 eP 41 57.50 -5.4X
HPI 19.56 155 P 42 24.30 -1.6
SDN 19.75 266 eP 42 26.80 -0.6
RSON 20.08 110 iP 42 26.30 -4.7X
0.8s 112.68nm 5.3mb
TMI 20.20 153 P 42 32.00 -0.5
LBFM 20.83 175 P 42 39.20 0.1
BDW 21.24 149 iP 42 43.00 -0.3
1.0s 110.00nm 5.2mb
FHC 21.33 179 eP 42 41.00 -2.9
WDC 21.57 176 iPc 42 46.00 -0.4
e 43 06.00
ePP 43 21.50
e 43 37.50
ePPP 43 45.00

MIN 21.84 174 eP 42 49.30 0.0
BMN 22.12 166 iP 42 52.80 0.8
ORV 22.64 174 eP 42 57.00 0.0
DUG 23.02 157 P 43 01.00 0.1
MNA 23.99 168 eP 43 13.40 3.0X
ePcP 46 54.00
BKS 24.28 176 e(P) 43 15.20 2.2
0.9s 24.00nm 4.8mb
BRK 24.28 176 e(P) 43 13.20 0.2
JAS1 24.32 173 iPc 43 14.70 1.4
i 43 20.80
i 43 31.40
i 43 38.00
ePPP 44 13.50
FRB 24.76 61 eP 43 17.70 0.3
ARN 24.83 175 P 43 19.90 1.5
MHC 24.84 175 ePc 43 20.60 2.1
GCC 25.13 176 eP 43 21.10 -0.1
GLD 25.21 144 eP 43 23.70 1.6
1.0s 96.00nm 5.4mb
GOL 25.21 144 eP 43 22.00 -0.3
0.9s 28.41nm 5.0mb
FRI 25.29 171 ePc 43 22.90 0.2
ALE 25.33 16 eP 43 22.50 -0.2
0.9s 62.00nm 5.3mb
LLA 25.59 174 ePc 43 27.30 1.8
PRS 25.86 175 ePc 43 29.30 1.3
CWC 25.98 168 eP 43 31.00 1.7
PRI 26.08 173 e(P)c 43 31.60 1.4
ISA 26.71 169 eP 43 36.00 0.0
GSC 27.23 166 eP 43 42.00 1.2
SYP 27.73 172 eP 43 58.00 12.7X
MWC 28.18 169 eP 43 50.00 0.6
TPC 28.50 166 eP 43 53.00 0.8
PLM 29.15 167 eP 44 00.00 1.8
ALQ 29.42 149 eP 44 01.00 0.3
1.0s 40.75nm 5.2mb
BAR 29.84 167 eP 44 03.00 -1.2
SCH 30.03 77 eP 44 04.50 -1.2
0.5s 24.00nm 5.3mb
TUL 31.70 132 eP 44 18.50 -2.0
0.9s 19.60nm 5.0mb
Z 17s 20.80um 5.9MszX
RLO 31.73 131 eP 44 19.40 -1.5
OTT 32.29 98 eP 44 27.00 1.4
MNT 33.18 96 eP 44 32.00 -1.3
BHO 33.40 132 eP 44 34.00 -1.4
DAG 33.93 23 iPc 44 38.90 -0.7
1.4s 30.23nm 5.0mb
HNME 35.34 90 P 44 51.30 -0.7
JCT 35.42 142 eP 44 52.10 -0.8
1.0s 35.00nm 5.2mb
MIM 35.52 92 P 44 53.20 -0.3
RSCP 35.86 119 eP 45 04.30 7.8X
NAV 36.42 112 P 45 00.80 -0.5
TKL 36.55 117 P 45 01.20 -1.1
BLA 36.67 112 P 45 02.60 -0.8
0.7s 66.04nm 5.5mb
CVL 36.90 109 P 45 04.80 -0.3
GFM 37.00 115 P 45 05.80 -0.5
LHS 38.82 115 P 45 20.70 -0.6
KEV 46.88 13 iP 46 25.30 -1.0
0.9s 28.70nm 5.4mb
SOD 49.11 14 iP 46 43.30 -0.5
KJF 52.29 15 iP 47 07.80 -0.2
0.9s 52.40nm 5.5mb
NB2 52.59 25 P 47 09.80 -0.6
0.9s 34.20nm 5.3mb
NRA0 52.94 25 eP 47 12.90 0.0
E8H 53.29 37 iPc 47 15.20 -0.4
SUF 53.52 16 iP 47 16.60 -0.5
0.6s 19.90nm 5.3mb
ESY 53.83 36 eP 47 18.70 -0.8
1.0s 40.00nm 5.4mb
HFS 53.92 24 eP 47 19.30 -0.7
0.8s 35.50nm 5.4mb
Z 15s 0.98um 5.0MszX
LR 06 42.00
EKA 54.19 37 P 47 22.00 -0.1
0.8s 13.30nm 5.0mb
UPP 54.91 22 iPc 47 26.70 -0.6
NUR 55.43 18 iPc 47 30.20 -0.9
0.7s 22.60nm 5.3mb
Z 18s 0.50um 4.6Msz
MDJ 58.37 306 eP 47 50.50 -1.7
WIT 59.07 32 eP 48 00.00 3.0X
WTS 59.85 33 eP 48 02.00 -0.4

1.0s 30.00nm 5.4mb
e 48 05.00
e 48 08.00
UCC 60.30 35 P 48 08.00 2.5X
CN2 60.61 309 eP 48 04.50 -3.2X
ENN 60.74 34 eP 48 09.00 0.5
1.0s 42.00nm 5.5mb
e 48 11.00
e 48 14.00
FLN 60.77 39 eP 48 08.20 -0.5
1.1s 41.00nm 5.5mb
BNS 60.89 33 eP 48 09.50 0.0
MEM 60.91 34 P 48 10.20 0.6
GRR 60.99 39 eP 48 10.00 -0.2
1.1s 43.90nm 5.5mb
DOU 61.00 35 Pc 48 12.50 2.2
LDF 61.03 39 eP 48 10.10 -0.4
1.1s 31.20nm 5.4mb
LPF 61.26 40 eP 48 12.00 0.0
1.1s 55.60nm 5.6mb
MAT 61.72 295 eP 48 15.00 -0.4
0.8s 24.63nm 5.4mb
Z 20s 1.06um 5.0Msz
WLF 61.81 34 P 48 19.80 4.0X
CLL 61.97 29 iPc 48 16.30 -0.5
1.1s 18.00nm 5.2mb
MOX 62.27 30 iP 48 19.50 0.6
1.2s 46.00nm 5.5mb
i 48 21.00
LQ 17 00.00
LR 19 00.00
BRG 62.59 28 iP 48 20.50 -0.5
1.0s 14.00nm 5.1mb
i 48 23.00
MFF 62.81 40 eP 48 22.20 -0.2
0.9s 19.60nm 5.3mb
SNY 63.00 309 eP 48 22.60 -1.2
eS 56 48.00
GRF 63.06 31 ePc 48 24.80 0.7
e 48 27.10
GRC 63.13 37 iPd 48 24.80 0.3
i 48 26.90
KSP 63.13 27 iPc 48 24.30 -0.2
1.0s 37.00nm 5.5mb
CDF 63.26 34 eP 48 25.80 0.3
1.3s 31.70nm 5.3mb
LOR 63.37 37 eP 48 26.20 0.6
0.9s 33.40nm 5.5mb
HAU 63.38 35 eP 48 26.30 0.0
SSF 63.46 37 eP 48 26.90 0.1
1.0s 56.80nm 5.7mb
PRU 63.56 28 P 48 28.00 0.7
Z 16s 1.20um 5.2MszX
e 49 06.00
LSF 63.63 39 eP 48 27.50 -0.4
1.1s 39.00nm 5.5mb
BSF 63.66 35 eP 48 28.40 0.2
1.2s 32.10nm 5.4mb
AVF 63.67 37 eP 48 27.80 -0.3
1.2s 59.50nm 5.7mb
LBF 63.67 37 eP 48 28.00 -0.2
1.2s 32.70nm 5.4mb
BGF 63.73 38 eP 48 28.50 0.0
1.0s 50.80nm 5.7mb
TCF 63.79 38 eP 48 28.90 -0.1
1.0s 50.00nm 5.7mb
SMF 63.94 37 eP 48 29.50 -0.4
1.2s 45.80nm 5.5mb
MZF 63.97 38 eP 48 29.70 -0.4
1.0s 20.80nm 5.3mb
WET 63.97 30 iPc 48 30.40 0.3
1.2s 33.00nm 5.4mb
KHC 64.14 29 iPc 48 31.00 -0.2
1.1s 62.50nm 5.7mb
e 49 06.80
SLE 64.17 33 ePd 48 31.60 0.2
ZUL 64.41 34 ePd 48 33.30 0.3
RJF 64.48 39 eP 48 32.90 -0.5
1.3s 46.20nm 5.5mb
FUR 64.50 31 iPc 48 34.00 0.4
1.0s 82.00nm 5.9mb
LFF 64.58 40 eP 48 34.20 0.1
1.0s 36.00nm 5.5mb
KRA 64.62 25 ePc 48 34.00 -0.3
e 48 37.00
e 48 51.70
SAX 64.87 33 ePd 48 36.70 0.4

23d 19h

LPO	64.94	40	eP	48	36.50	0.1	IPM	105.05	313	ePdiff	52	21.00	17.0X	MLR	8.69	357	eP	11	00.00	-5.3X
	1.0s	49.60nm			5.7mb			0.6s	46.60nm					BEO	9.28	331	ePn	11	13.40	0.0
CAF	64.99	39	eP	48	36.70	-0.1				e	52	49.10		PRNI	9.47	131	eP	11	13.50	-2.5
	1.0s	30.80nm			5.4mb		PTZ	105.38	59	iPKP	56	06.00	-13.2X	CLI	9.74	2	ePc	11	15.00	-4.7X
LLS	65.13	33	ePd	48	38.90	1.0	KGM	106.62	310	ePdiff	52	24.00	13.1X	SRO	12.61	333	eP	12	01.00	2.4X
DIX	65.44	35	ePd	48	40.90	0.9	TSI	106.89	315	ePdiff	51	57.00	-15.1X	LJU	12.95	319	eP	12	03.00	-0.3
SPC	65.51	25	eP	48	41.20	0.9	WRA	112.72	270	PKPd	56	32.30	-0.7	VOY	13.29	318	eP	12	06.90	-0.9
			e	12	09.60			1.0s	5.30nm					ZST	13.38	331	eP	12	08.60	-0.2
OSS	65.59	33	ePd	48	41.90	1.1	YOU	118.45	250	ePKP	56	43.70	0.1	KRA	14.10	342	eP	12	19.50	1.1
VDL	65.61	33	ePd	48	42.30	1.4	CAN	119.06	249	ePKP	56	44.20	-0.5				e	12	29.00	
MMK	65.62	34	ePd	48	42.10	1.1	STK	119.50	257	iPKPd	56	44.80	-0.8	KBA	14.25	320	iPd	12	21.20	0.6
SHK	65.77	298	eP	48	41.70	-0.1	WAM	119.84	249	ePKP	56	46.30	0.2		1.2s	41.70nm			5.0mb	X
TMA	65.80	34	ePd	48	43.80	1.6	MBL	120.54	283	ePKP	56	47.00	-0.9				ic	12	29.00	
ZST	65.81	27	iP	48	41.80	-0.1	IKZ	125.52	28	iPKP	56	58.20	0.3				i	12	33.90	
KBA	66.01	30	iPc	48	44.00	0.5	KMZ	126.94	37	ePKP	57	02.00	1.4	OGA	15.37	316	iPc	12	41.60	6.4X
	1.0s	62.70nm			5.8mb		LSZ	129.33	35	iPKPc	57	05.30	0.2		1.0s	29.00nm			4.5mb	
			i	48	46.30					i	00	02.10		KHC	15.58	326	P	12	39.70	2.0
			i	49	09.30		KRI	131.19	34	ePKP	57	10.00	1.4				e	12	48.60	
			i	49	18.70		MTD	131.65	32	ePKP	57	09.70	0.3	OSS	15.77	314	ePc	12	41.90	1.5
EPF	66.18	41	eP	48	44.30	-0.2	BUL	134.08	37	ePKP	57	15.00	1.0	PRU	15.82	330	P	12	46.50	5.7X
	1.2s	47.60nm			5.6mb					iSKP	59	51.00		WET	15.90	325	iPc	12	46.40	4.5X
SRO	66.43	27	eP	48	45.80	-0.1	SLR	139.27	40	ePKP	57	16.50	-7.1X	FUR	16.02	320	iPc	12	47.60	4.2X
MLS	66.48	41	eP	48	48.20	1.9		1.0s	25.00nm						1.0s	82.00nm			4.8mb	
VOY	67.13	30	e(P)	48	49.30	-1.2	S8A	145.75	201	ePKP	57	34.90	1.7	VDL	16.06	312	ePc	12	47.40	3.3X
BJI	67.20	314	eP	48	49.50	-1.4	SPA	151.94	180	ePKP	57	41.00	-2.3	TMA	16.23	310	ePc	12	47.00	0.7
LJU	67.27	30	eP	48	50.80	-0.4		1.0s	11.90nm					LLS	16.54	313	ePc	12	53.70	3.5X
			e	49	46.50			S.D. = 1.0	on 196 of 230 obs.					SAX	16.54	314	ePc	12	51.80	1.5
TRI	67.40	30	eP	48	51.00	-1.0								FRF	16.71	300	eP	12	54.80	2.6
BOG	68.25	124	eP	48	57.00	-1.2		DEC 23, 1985 20h 08m 57.08± 0.66s							1.0s	37.60nm			4.5mb	
BTO	68.71	318	eP	49	00.20	-0.3		36.815 N ± 3.6km 26.684 E ± 3.3km						BRG	16.75	331	eP	12	56.20	3.5X
VRI	69.90	21	eP	49	10.00	2.5X		DEPTH = 13.8 ± 3.9 km							1.1s	16.00nm			4.1mb	
MLR	70.13	22	eP	49	11.00	1.9		4.7mb (33 obs.)									e	13	09.00	
PSO	70.18	129	eP	49	09.00	-1.1		DODECANESE ISLANDS					(369)	MMK	16.77	309	ePc	12	54.00	0.9
TIA	70.30	311	eP	49	09.20	-0.9		ML 4.9 (ATH).						KER	16.79	92	eP	12	59.00	5.5X
TIY	70.55	315	eP	49	10.20	-1.5								GRF	17.06	324	eP	12	59.50	3.0X
WMQ	71.33	336	iPd	49	16.20	-0.2	YER	1.32	76	iPn	09	22.20	1.1	DIX	17.12	309	ePc	12	59.80	2.1
PVL	72.26	23	eP	49	21.00	-0.8	IZM	1.65	16	iPn	09	25.50	-0.2	SLE	17.30	315	ePc	13	00.10	0.5
PSN	72.27	21	eP	49	23.00	1.3	PRK	2.45	352	ePn	09	37.00	-0.2	LPG	17.30	306	iPc	13	01.60	1.7
AVE	72.31	52	eP	49	23.00	0.8	ELL	2.59	91	iPn	09	43.30	3.9X	CLL	17.47	330	eP	13	03.00	1.4
VTS	72.42	25	iP	49	22.00	-0.7	ATH	2.63	297	ePn	09	40.00	0.2		2.2s	61.00nm			4.3mb	
SKO	72.66	26	iP	49	24.50	0.3				eSb	10	20.00		MOX	17.55	327	eP	13	06.00	3.3X
GTA	72.76	326	Pc	49	24.60	-0.4	EZN	3.02	355	iPn	09	44.10	-1.2		2.2s	113.00nm			4.6mb	
IFR	72.94	50	iP	49	28.00	1.8	BCK	3.19	77	iPn	09	50.90	3.1X	BSF	18.32	313	eP	13	12.60	0.3
OHR	73.36	27	eP	49	26.00	-2.3	EDC	3.65	14	ePn	10	04.40	10.2X	CDF	18.34	315	eP	13	13.10	0.6
NJ2	73.40	308	Pc	49	28.00	-0.6	KCT	3.67	20	ePn	09	55.10	0.5		1.0s	17.60nm			4.2mb	
MMB	73.49	24	eP	49	30.00	0.9	PAIG	3.90	324	eP	09	56.90	-0.9	HAU	18.66	313	eP	13	16.40	-0.1
VAY	73.52	25	eP	49	29.70	0.5	OUR	4.10	330	eP	10	00.10	-0.5	IR2	19.56	86	eP	13	28.50	1.0
LZH	74.74	321	Pc	49	37.00	0.5	YLV	4.30	28	eP	10	06.00	2.5X	SMF	19.61	307	iPc	13	26.70	-1.2
XAN	75.06	316	Pc	49	37.00	-1.3	HRT	4.63	29	eP	10	13.00	4.7X		1.1s	48.80nm			4.7mb	
WHN	76.40	311	iPc	49	46.20	0.4	ISK	4.63	23	eP	10	10.00	1.8	WLF	19.63	317	Pc	13	29.50	1.5
BCK	78.73	20	eP	49	59.30	0.6	LIT	4.65	316	eP	10	07.70	-0.8	LBF	19.66	308	eP	13	27.50	-0.9
CD2	79.58	319	eP	50	04.10	0.7				eS	10	29.80			0.9s	13.10nm			4.2mb	
IR2	82.51	4	iPc	50	20.70	1.9	SOH	4.77	328	eP	10	09.60	-0.7	LOR	19.84	309	eP	13	29.50	-0.8
NNA	82.58	133	eP	50	20.20	0.9				eS	10	33.70			0.7s	11.00nm			4.3mb	
	1.1s	31.65nm			5.4mb		THE	4.79	324	eP	10	10.00	-0.5	AVF	19.98	307	iPc	13	30.70	-1.0
GYA	82.79	315	P	50	20.40	0.0	SRS	4.93	332	eP	10	11.60	-0.8		1.0s	34.00nm			4.6mb	
HRI	83.61	17	iP	50	26.00	1.5	KDZ	4.93	348	iPd	10	12.00	-0.4	SSF	19.98	308	iPc	13	31.00	-0.8
KER	83.64	7	eP	50	30.00	5.3X	VLS	5.03	288	ePb	10	25.00	11.1X	BGF	20.22	306	iPc	13	33.70	-0.6
LSA	84.17	330	eP	50	27.30	-0.5	DMK	5.07	9	iP	10	13.00	-1.4		0.9s	51.40nm			4.9mb	
JER	85.01	17	iP	50	34.00	2.5X	KZN	5.19	314	ePb	09	28.00	-48.3X	MEM	20.24	319	Pc	13	34.70	0.3
PRNI	86.38	18	iP	50	39.50	1.2	KZN	5.19	314	ePn	10	16.00	-0.3	GRC	20.35	308	iPd	13	34.70	-0.8
KKN	87.32	334	eP	50	43.80	0.6	KNT	5.25	327	eP	10	17.10	0.2	ENN	20.38	320	ePc	13	35.00	-0.8
	0.9s	57.00nm			5.8mb		MMB	5.29	335	iPd	10	16.00	-1.6		1.0s	52.00nm			4.8mb	
PKI	87.50	334	eP	50	44.70	0.5	DIM	5.29	351	iP	10	17.00	-0.6	TCF	20.55	305	eP	13	36.40	-1.3
	1.0s	30.00nm			5.5mb		GRG	5.32	322	iPd	10	17.90	-0.1		0.9s	8.10nm			4.1mb	
DMN	87.53	334	eP	50	45.10	0.9				eS	10	47.20		WTS	20.68	323	eP	13	38.00	-0.9
	0.9s	75.00nm			6.0mb		PLD	5.50	344	eP	10	22.00	1.5	DOU	20.72	317	Pc	13	38.70	-0.7
QUE	87.59	350	eP	50	45.00	0.6	VAY	5.52	326	iPn	10	22.00	1.2		0.8s	50.00nm			4.9mb	
NDI	87.89	341	eP	50	45.50	-0.1	JMB	5.65	359	eP	10	24.00	1.5	EBR	20.77	289	eP	13	38.00	-1.9
ARE	88.61	130	eP	50	50.00	0.6	CSS	5.70	107	eP	10	28.50	5.1X	LSF	20.98	305	eP	13	40.50	-1.7
ZOBO	89.67	127	Pd	50	54.20	-0.6	OHR	6.28	315	iPn	10	32.80	1.3		1.2s	22.00nm			4.4mb	
	0.9s	21.63nm			5.4mb		VTS	6.37	336	iPg	10	33.00	0.3	SNF	21.11	317	P	13	43.20	-0.1
Z	18s	0.76um			5.2Msz		PVL	6.43	350	iPd	10	32.00	-1.6	UCC	21.22	318	Pc	13	45.00	0.6
		LR		24	00.00		SKO	6.56	323	iPn	10	38.00	2.6X	MFF	22.20	305	eP	13	54.30	0.0
LPB	89.92	127	P	50	56.00	0.2	N	10s	2.17um						1.2s	55.90nm			4.9mb	
Z	18s	0.52um			5.0Msz		E	10s	2.48um					LDF	22.82	309	eP	14	01.10	0.6
		LR		23	50.00					ISn	12	05.00			1.2s	29.70nm			4.7mb	
CNCB	90.22	127	P	50	56.20	-1.1	PSN	6.95	9	eP	10	39.00	-1.9	FLN	23.11	310	eP	14	03.70	0.4
CCH	91.44	126	eP	51	04.00	1.4	BUC	7.60	357	eP	11	12.00	22.0X		1.0s	32.00nm			4.8mb	
CHG	92.39	319	iPc	51	07.00	0.2	TLB	7.83	7	ePd	10	53.00	-0.2	LGR	23.11	293	eP	13	58.00	-5.4X
	0.8s	7.84nm			5.2mb		HLW	7.96	149	eP	10	54.00	-1.0	LPF	23.21	308	eP	14	03.60	-0.7
MDG	94.56	267	eP	51	20.00	3.3X				e	13	20.00			0.8s	18.80nm			4.7mb	
SOB1	94.99	100	eP	51	18.30	-0.4	HRI	8.22	113	eP	11	05.00	6.1X	GRR	23.21	309	eP	14	03.80	-0.5
			e	51	21.20		ISR	8.32	359	eP	11	00.00	-0.1	NUR	23.75	358	eP	14	10.00	0.6
TPZ	95.32	127	iP	51	22.00	1.6	CMP	8.54	352	ePd	11	08.00	4.9X				eS	18	36.00	
ITR	95.75	98	eP	51	24.20	2.0	JER	8.65	123	eP	11	05.50	0.7	UPP	23.79	349	iP	14	11.30	1.6
PMG	97.55	264	iPd	51	21.30	-9.0X				eS	12	36.50		HFS	24.78	344	eP	14	19.10	-0.3

1.1s 56.70nm 5.1mb
Z 11s 0.55um 4.3MszX
LR 23 07.00
SUF 25.93 359 iP 14 30.10 -0.1
0.7s 4.00nm 4.2mb
IFR 26.15 272 iP 14 33.00 0.2
NB2 26.15 343 P 14 31.20 -1.1
1.0s 31.40nm 4.9mb
KJF 27.42 1 iP 14 43.80 -0.1
0.8s 20.50nm 4.9mb
eS 19 48.00
EKA 27.45 322 P 14 43.00 -1.2
1.3s 23.00nm 4.7mb
AVE 28.04 273 eP 14 52.00 2.2
SOD 30.60 360 iP 15 12.30 0.0
BNG 33.08 195 iPd 15 34.00 -0.5
0.9s 26.00nm 5.2mb
ic 16 08.10
KIC 41.73 231 eP 16 46.30 -1.0
NDI 42.85 86 eP 16 57.00 0.5
PTZ 44.19 220 iP 17 00.50 -6.8X
0.8s 17.30nm 5.0mb
i 17 33.60
WMO 46.12 61 P 17 24.00 1.4
DMN 49.61 83 eP 17 50.50 0.2
0.7s 57.00nm 5.7mb
KKN 49.67 83 eP 17 50.60 -0.1
0.7s 28.00nm 5.4mb
PKI 49.87 83 eP 17 52.80 0.4
0.9s 29.00nm 5.3mb
KMZ 50.00 181 eP 17 53.00 -0.1
0.8s 7.60nm 4.7mb
GBA 50.72 103 Pc 17 58.30 -0.2
0.7s 5.70nm 4.6mb
LSZ 51.83 178 iP 18 08.00 1.1
i 19 53.00
KOD 52.79 107 eP 18 15.00 0.5
KRI 53.42 177 eP 18 19.00 0.2
MTD 53.50 174 iPd 18 21.50 2.1
GTA 56.10 63 P 18 38.50 0.2
BUL 56.68 178 iPd 18 42.50 0.0
SLR 62.23 178 eP 19 22.00 1.3
CD2 62.66 71 eP 19 23.60 0.0
HHC 63.70 57 iPd 19 31.00 0.6
KMI 64.71 77 eP 19 36.00 -1.3
XAN 65.01 65 Pc 19 39.00 0.0
GYA 67 07 73 P 19 52.00 -0.3
CN2 71.16 49 Pc 20 16.40 -0.7
ITR 75.90 248 eP 20 42.90 -2.3
SOB1 78.03 249 eP 20 57.30 0.3
RLO 89.47 316 eP 21 54.20 -0.8
TUL 90.08 317 eP 21 57.20 -0.7
1.0s 33.80nm 5.5mb
S.D. = 1.0 on 110 of 137 obs.

DEC 23, 1985 20h 24m 11.52± 0.68s
50.230 N ± 6.5km 12.435 E ± 6.1km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.0 (GRF).

MOX 0.67 309 ePg 24 24.50 -0.3
iSg 24 33.00
GRF 0.95 236 ePg 24 30.10 0.5
eSg 24 42.50
eLg 24 44.80
CLL 1.14 18 iPg 24 32.70 -0.1
iSg 24 47.40
BRG 1.16 56 iPgc 24 33.50 0.3
iSg 24 48.90
KHC 1.33 146 Pg 24 35.50 -0.5
Sg 24 53.10
PRU 1.38 99 ePg 24 37.00 0.3
eSg 24 54.00
e 24 55.20
S.D. = 0.5 on 6 of 6 obs.

• DEC 23, 1985 20h 42m 57.05± 0.67s
34.925 S ±16.0km 78.136 E ±12.2km
DEPTH = 10.0km (geophysicist)
4.9mb (4 obs.)
MID-INDIAN RISE (429)

MTD 45.18 281 iPd 51 15.70 -0.4
BUL 45.87 275 iPd 51 21.10 -0.5
1.0s 15.00nm 4.9mb
KRI 46.75 280 iPd 51 28.90 0.4
WRA 51.45 89 eP 52 04.20 -0.5
SPA 55.26 180 ePc 52 33.00 0.4
1.0s 10.00nm 4.8mb
KKN 62.74 7 eP 53 25.00 0.2
0.9s 11.00nm 5.0mb
QUE 65.62 349 eP 53 48.30 4.8X
BNG 68.23 292 ePd 54 04.20 4.0X
0.8s 4.00nm 4.7mb
IR2 74.68 337 (P) 54 39.00 0.4
YKC 151.31 12 ePKP 02 51.00 5.8X
0.9s 13.00nm
S.D. = 0.6 on 7 of 10 obs.

? DEC 23, 1985 21h 42m 31.90± 6.44s
40.662 N ±23.1km 30.452 E ±47.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

GPA 0.39 196 iPg 42 39.80 -0.1
iSg 42 45.80
HRT 0.62 285 iPg 42 44.00 -0.4
iSg 42 56.00
YLV 0.83 264 iPg 42 48.00 0.0
iSg 43 01.00
ISK 1.13 291 iPn 42 53.20 0.1
KCT 1.65 256 iPn 43 01.00 -0.1
EDC 2.00 262 iPn 43 06.40 0.3
S.D. = 0.3 on 6 of 6 obs.

• DEC 23, 1985 21h 53m 31.07± 0.98s
50.301 N ± 8.9km 12.439 E ± 8.6km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX 0.63 304 iPg 53 43.50 -0.2
iSg 53 52.00
CLL 1.07 19 iPg 53 51.60 0.4
iSg 54 07.00
BRG 1.12 59 iPg 53 52.10 0.1
iSg 54 07.00
KHC 1.39 147 Pg 53 57.00 0.5
Sg 54 12.50
PRU 1.39 102 Pg 53 55.70 -0.7
eSg 54 13.00
e 54 14.50
S.D. = 0.7 on 5 of 5 obs.

DEC 23, 1985 21h 54m 19.28± 0.65s
41.028 N ± 7.5km 20.452 E ± 4.8km
DEPTH = 10.0 ± 2.7 km
ALBANIA (391)
DUR 3.6 (TTG).

OHR 0.28 72 iPgd 54 24.60 -0.5
iSg 54 29.50
SKO 1.20 38 iPg 54 41.00 -0.6
i 54 43.20
iSg 54 57.00
ULC 1.30 316 ePg 54 42.60 -0.8
eSg 55 21.00
GRG 1.48 92 ePd 54 45.80 -0.1
iS 55 06.00
PVY 1.61 347 ePn 54 48.70 0.8
eSn 55 10.50
VAY 1.63 79 iPn 54 48.30 0.3
TTG 1.66 328 ePn 54 49.20 0.7
eSn 55 13.50
BDV 1.75 316 ePn 54 50.50 0.7
eSn 55 15.00
LIT 1.81 120 eP 54 51.10 0.4
KNT 1.85 85 eP 54 51.20 -0.2
eS 55 17.70
THE 1.95 101 eP 54 52.00 -0.7
eS 55 17.00
HCY 2.04 315 ePn 54 54.50 0.5
eSn 55 21.00
SOH 2.21 94 eP 54 56.00 -0.6
BRY 2.35 323 ePn 54 59.20 0.5
eSn 55 35.00
SRS 2.38 87 ePd 54 58.80 -0.1
MMB 2.53 76 eP 55 02.00 0.9
iS 55 38.00
VTS 2.59 52 iP 55 02.00 0.2
PAIG 2.70 113 eP 55 03.70 0.2
OUR 2.77 103 eP 55 04.30 -0.2
PLD 3.37 70 eP 55 33.00 20.1X
KDZ 3.74 79 iP 55 19.00 0.7
BEO 3.79 0 ePn 55 18.90 -0.1
eSg 56 20.50
PVL 4.10 57 eP 55 20.00 -3.3X
VRI 6.65 41 eP 55 52.00 -7.4X
VOY 6.91 319 ePn 56 00.90 -2.2
eSn 57 19.20
KHC 9.45 331 eP 56 44.00 5.7X
S.D. = 0.8 on 22 of 26 obs.

DEC 23, 1985 22h 11m 16.39± 0.92s
61.869 N ±15.3km 124.139 W ±10.0km
DEPTH = 10.0km (geophysicist)
4.4mb (2 obs.)
NORTHWEST TERRITORIES, CANADA (679)

FST1 1.37 92 Pg 11 47.50 6.0X
YKC 4.57 78 eP 12 25.00 -2.1
DWY 7.30 294 P 13 05.00 -0.6
e 13 34.00
S 14 54.00
Lg 16 54.00
INK 7.57 333 eP 13 07.00 -2.3X
EDM 10.41 141 eP 13 50.60 1.9X
COL 11.01 296 eP 13 56.00 -0.8
SES 13.58 142 eP 14 32.00 0.6
FFC 13.62 112 eP 14 30.00 -1.8X
MBC 14.53 5 eP 14 38.00 -5.7X
FRB 24.80 61 eP 16 42.00 2.8X
KEV 47.08 13 eP 20 06.00 16.7X
SOD 49.32 14 iP 20 07.80 1.1
KJF 52.49 15 eP 20 33.00 2.1X
SUF 53.72 16 eP 20 41.00 1.0
0.7s 2.80nm 4.4mb
HFS 54.09 25 eP 20 43.60 0.8
0.7s 3.20nm 4.5mb
NUR 55.62 18 eP 20 54.00 0.0
S.D. = 1.3 on 8 of 16 obs.

% DEC 23, 1985 23h 22m 38.05± 0.71s
40.482 N ± 8.8km 29.107 E ± 5.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

YLV 0.22 67 iPg 22 42.90 0.1
ISK 0.58 356 iPg 22 49.90 0.0
iSg 22 58.90
KCT 0.62 248 iPg 22 49.90 -0.6
GPA 0.94 101 iPn 22 55.80 -0.2
EDC 0.96 262 iPn 22 55.70 -0.6
DMK 1.68 323 iPn 23 07.50 -0.1
EZN 2.23 254 ePn 23 17.00 1.4
S.D. = 0.8 on 7 of 7 obs.

• DEC 23, 1985 23h 23m 53.87± 0.47s
62.036 N ± 7.1km 124.339 W ± 5.9km
DEPTH = 10.0km (geophysicist)
4.3mb (6 obs.)
NORTHWEST TERRITORIES, CANADA (679)

FST1 1.48 98 Pg 24 22.00 1.5
RSNT 4.58 80 iP 25 04.50 -0.2
YKC 4.63 80 eP 25 05.00 -0.5
DWY 7.15 293 P 25 40.00 -1.0
e 26 09.00
S 27 29.00
Lg 29 29.00
INK 7.38 332 eP 25 42.00 -2.1X
SIT 7.48 233 eP 25 45.40 -0.2
EDM 10.60 141 eP 26 25.00 -3.8X
COL 10.85 296 eP 26 33.00 0.9
PNT 13.02 166 eP 27 02.00 0.6
0.8s 30.00nm 5.5mb X
FFC 13.77 112 eP 27 05.00 -6.2X
SES 13.77 142 eP 27 07.00 -4.4X
MBC 14.37 5 eP 27 09.00 -10.0X
NEW 14.39 160 e(P) 27 16.00 -3.5X
LRM 17.64 152 eP 28 00.20 -1.0
RSON 20.08 110 iP 28 27.50 -2.3
BDW 21.19 149 eP 28 43.00 1.3
1.1s 4.24nm 3.7mb
EUR 23.15 163 iP 29 05.80 4.6X
0.5s 1.60nm 3.8mb
LHC 23.83 109 eP 29 13.00 5.6X
FRB 24.80 61 eP 29 17.00 0.3
ALQ 29.38 149 eP 30 02.00 2.8X
1.0s 4.25nm 4.2mb
SCH 30.05 77 eP 30 39.00 34.2X

23d 23h

SOD 49.18 14 iP 32 43.10 -0.1
KJF 52.36 15 eP 33 16.00 8.6X
NB2 52.65 25 P 33 06.50 -3.2X
0.9s 5.70nm 4.5mb
SUF 53.58 16 iP 33 16.20 -0.3
HFS 53.98 24 eP 33 18.70 -0.7
0.6s 4.20nm 4.6mb
NUR 55.49 18 iP 33 30.10 -0.4
KHC 64.20 29 eP 34 31.90 1.4
KBA 66.07 30 iPd 34 43.50 0.7
0.8s 4.80nm 4.7mb
S.D. = 1.1 on 17 of 29 obs.

• DEC 23, 1985 23h 42m 03.11± 0.53s
34.173 N ±12.4km 57.773 E ± 6.1km
DEPTH = 33.0km (normal)
4.5mb (4 obs.)
IRAN (348)
Felt at Tabas.

MHI 2.55 33 ePn 42 54.00 10.9X
eSn 43 35.00
IR2 5.84 287 eP 43 19.70 -10.1X
eS 44 50.00
SHI 6.35 226 eP 43 37.00 0.0
QUE 8.73 115 eP 44 09.30 -1.0
KER 8.83 274 eP 44 12.00 0.4
SLY 10.18 282 eP 45 00.00 30.0X
e 47 36.50
NDI 17.47 103 eP 46 06.20 0.5
DMN 24.31 98 eP 47 19.60 0.6
0.7s 17.00nm 4.7mb
KKN 24.38 98 eP 47 20.30 0.6
0.6s 26.00nm 5.0mb X
PKI 24.57 98 eP 47 22.00 0.3
1.0s 64.00nm 5.1mb X
HYB 24.99 127 eP 47 21.00 -4.3X
VRI 26.33 306 eP 47 40.00 2.4X
HFS 38.54 326 eP 49 22.70 -1.3
0.9s 3.40nm 4.2mb
CHG 39.61 102 iPd 49 32.40 -1.0
1.0s 15.50nm 4.7mb
KMI 39.84 91 Pc 49 35.50 0.0
NB2 40.01 327 P 49 31.50 -4.8X
1.3s 7.70nm 4.3mb
COL 79.24 11 eP 54 07.00 0.9
S.D. = 0.8 on 11 of 17 obs.

• DEC 24, 1985 00h 02m 30.11± 0.81s
14.194 S ±10.9km 165.856 E ±16.4km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
VANUATU ISLANDS (186)

HNR 7.47 309 eP 04 09.00 -10.6X
eS 04 34.00
SVO 7.75 310 eP 04 25.00 1.4
VSG 7.77 309 eP 04 24.00 0.2
DZM 7.85 176 iPd 04 25.20 0.2
iS 05 54.00
NOU 8.09 176 iPc 04 29.20 0.9
iS 06 00.80
KRP 25.15 162 eP 07 54.00 0.2
WB2 30.62 255 eP 08 42.80 -0.9
e 08 56.80
WRA 30.63 255 eP 08 42.80 -1.0
SPA 75.98 180 eP 14 15.50 0.4
1.0s 5.00nm 4.5mb
PKI 88.24 299 eP 15 19.90 -0.3
KKN 88.41 299 eP 15 20.50 -0.3
DMN 88.51 299 eP 15 21.40 0.0
BNG 146.36 256 iPKPd 22 09.50 0.5
0.9s 24.00nm
id 22 52.50
ITR 146.83 132 ePKP 22 08.30 -1.4
e 22 14.40
e 22 20.20
S.D. = 0.9 on 13 of 14 obs.

DEC 24, 1985 00h 04m 17.03± 0.32s
50.172 N ± 3.7km 12.444 E ± 2.7km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 4.5 (FUR), 4.3 (GRF), 4.6 (VKA), 4.2 (KBA). One house slightly damaged (IV) at Selb. Felt (IV) at Rehou. Felt (V) in the Cheb, Czechoslovakia area.

HOF 0.39 292 iPgc 04 25.00 0.0
MOX 0.71 312 iPg 04 31.00 -0.1
iSg 04 40.00
GRF 0.92 239 iPgc 04 36.20 1.5
eSg 04 48.80
eLg 04 51.00
WET 1.07 164 iPgd 04 38.70 1.6
BRG 1.19 53 i(P) 04 38.50 -0.7
iPgc 04 39.30
iSg 04 54.50
CLL 1.19 17 iPg 04 38.90 -0.4
iSg 04 54.40
KHC 1.28 144 iPn 04 41.50 0.8
0.5s 279.00nm
Sg 04 59.60
PRU 1.36 97 iPnd 04 42.00 -0.1
iPg 04 43.00
Sg 05 00.00
FUR 2.15 201 ePn 04 53.60 0.2
BHG 2.47 173 iPnc 04 59.20 1.2
STU 2.54 238 ePnd 04 57.90 -1.0
0.5s 21.13nm
ePg 05 05.00
KSP 2.55 73 iP 04 59.20 0.1
0.6s 290.00nm
iS 05 37.00
TNS 2.57 273 ePn 05 01.50 2.1
ePb 05 07.00
iSg 05 38.30
GAP 2.85 199 iPgd 05 13.50 10.1X
KBA 3.15 169 iPnc 05 08.70 0.9
iPg 05 18.10
iSg 05 57.70
VKA 3.18 125 iPnd 05 08.30 0.3
iPg 05 18.70
i 05 48.20
iSg 05 58.20
GWF 3.36 251 ePn 05 10.40 -0.2
OGA 3.44 196 ePn 05 12.50 0.6
SLE 3.55 229 eP 05 11.30 -1.9
SAX 3.57 216 eP 05 27.70 13.8X
ZST 3.64 121 iPn 05 13.90 -0.7
i(Sg) 06 12.50
e 11 59.20
ZUL 3.80 226 eP 05 32.60 15.7X
OSS 3.81 205 eP 05 16.70 -0.5
CDF 3.81 244 Pn 05 16.20 -0.9
Pg 05 31.70
Sg 06 20.50
GSH 3.92 281 iP 05 18.20 -0.3
iS 06 18.40
WTS 3.99 299 ePn 05 20.50 1.0
0.5s 8.00nm
ePg 05 34.00
WLF 4.10 265 Pn 05 21.40 0.4
e 06 26.00
e 11 26.80
MEM 4.14 279 Pn 05 23.20 1.6
e 12 14.90
MOF 4.20 238 ePg 05 38.00 15.5X
eSg 06 32.00
ENN 4.21 281 ePn 05 23.50 0.9
0.6s 13.00nm
ePg 05 37.00
eSg 06 29.00
VOY 4.26 166 ePn 05 23.30 -0.1
ePg 05 39.00
e(Sn) 06 09.00
e 06 13.50
eSg 06 30.20
LJU 4.36 160 ePn 05 25.00 0.2
1.0s 340.00nm
e 05 36.00
BSF 4.40 240 Pn 05 23.00 -2.4
Pg 05 40.50
Sg 06 38.00
ROF 4.42 238 eRg 05 41.60 15.9X
eSg 06 38.40
WIT 4.47 308 eRg 05 49.50 23.2X
SRO 4.53 119 ePn 05 27.00 -0.1
e 06 16.50
i 06 43.20
TRI 4.55 168 eP 05 26.50 -1.0
i 06 21.00
i 06 45.70

HAU 4.55 244 Pn 05 26.50 -1.1
Pg 05 45.20
Sg 06 44.50
CEY 4.63 163 ePn 05 31.70 3.0X
1.0s 223.00nm
e(Pg) 06 46.20
eSg 07 45.50
TMA 4.72 212 eP 05 49.20 19.1X
KRA 4.83 89 ePn 05 47.20 15.8X
iSn 06 44.90
DOU 5.05 272 Pn 05 35.50 1.0
e 05 44.40
e 11 37.30
SPC 5.16 98 eP 05 37.00 0.7
UCC 5.20 280 eP 06 06.00 29.4X
e 06 21.00
SNF 5.24 277 eP 06 25.80 48.6X
PSZ 5.39 112 ePn 05 38.60 -0.9
LOR 6.38 246 Pn 05 53.00 -0.4
1.0s 94.00nm 5.6mb X
Pg 06 17.80
Sg 07 42.80
LBF 6.46 244 Pn 05 53.00 -1.5
Pg 06 20.00
Sg 07 44.50
SSF 6.69 246 Pn 05 56.80 -0.9
Pg 06 24.00
Sg 07 51.00
SMF 6.73 242 Pg 06 23.40 25.2X
Sg 07 51.40
GRC 6.83 249 ePn 06 00.40 0.7
iPg 06 29.80
iSg 07 56.40
AVF 6.92 244 Pg 06 28.00 27.0X
0.7s 86.00nm
Sg 07 58.50
BGF 7.34 244 Pg 06 36.40 29.6X
Sg 08 11.00
NUR 12.45 29 eP 07 21.00 4.2X
e 09 24.00
SUF 14.64 26 eP 07 50.00 4.3X
KJF 16.24 24 eP 08 06.00 -0.5
e 10 57.00
S.D. = 1.0 on 40 of 56 obs.

DEC 24, 1985 00h 10m 02.16± 0.43s
50.232 N ± 4.2km 12.462 E ± 4.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.5 (FUR), 2.9 (GRF), 3.5 (KBA), 3.6 (VKA).

HOF 0.38 283 iPgd 10 09.90 -0.1
MOX 0.68 308 iPg 10 15.50 -0.2
iSg 10 24.50
GRF 0.97 236 iPgc 10 20.80 0.3
eSg 10 33.30
eLg 10 35.80
WET 1.12 166 iPgd 10 23.40 0.2
CLL 1.13 17 iPg 10 23.50 0.1
iSg 10 39.00
BRG 1.14 55 iPgc 10 23.90 0.3
iSg 10 38.80
KHC 1.32 146 iPg 10 26.50 -0.1
Sg 11 44.00
PRU 1.36 100 Pn 10 26.60 -0.5
Pg 10 27.50
Sg 10 45.00
FUR 2.21 201 iPgc 10 43.00 3.6X
KSP 2.52 74 iPg 10 49.00 5.2X
iS 11 21.00
TNS 2.58 271 ePb 10 52.40 7.7X
eSg 11 23.60
VKA 3.20 126 ePn 10 53.50 0.0
iPg 11 03.40
iSg 11 44.80
i 11 46.30
KBA 3.21 169 iPnc 10 53.70 -0.1
iSg 11 45.00
i 11 46.10
GWF 3.39 250 ePg 11 07.20 11.0X
eSg 11 50.00
BSF 4.44 239 Pg 11 25.20 14.1X
0.5s 29.00nm
Sg 12 20.80
HAU 4.59 243 Pg 11 28.00 14.8X
0.5s 23.00nm

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                  Sg    12 27.70
SOB1   75.13 235  eP    22 02.20   15.9X
                  e     22 04.30
                  e     22 12.90
      S.D. = 0.3  on  10 of  17 obs.

*  DEC 24, 1985  02h 15m 38.75± 0.93s
   23.726 S ±12.2km   68.648 W ±13.0km
   DEPTH = 126.1 ± 14.4 km
   4.0mb (  1 obs.)
 NORTHERN CHILE                    (123)

CAC     1.29 344  iPc   16 04.50   -0.3
                  iS    16 22.10
ANT     1.62 270  iPc   16 07.70   -0.6
                  eS    16 28.00
SLA     3.05 110  eP    16 27.60    0.9
TPZ     3.52  51  iP    16 36.00    2.8X
CNCB    6.91   5  P     17 20.00    0.6
                  (S)   18 09.00
LPB     7.18   4  eP    17 19.00   -3.9X
ZOBO    7.43   4  Pd    17 27.00    0.4
VAO    19.92  92  e(P)  20 00.80   -2.0
SPA    66.42 180  eP    26 17.30    1.1
       0.6s      1.22nm          4.0mb
      S.D. = 1.5  on   7 of   9 obs.

*  DEC 24, 1985  02h 19m 12.28± 0.96s
   40.827 N ±10.5km   25.502 E ±13.0km
   DEPTH = 10.0km  (geophysicist)
 AEGEAN SEA                        (365)

KDZ     0.82 352  Pg    19 28.00   -0.2
EZN     1.18 148  iPn   19 34.30    0.0
MMB     1.54 300  eP    19 39.00   -0.8
                  Sg    19 56.00
JMB     1.83  26  eP    19 48.00    4.0X
VAY     2.27 284  ePn   19 50.60    0.2
PVL     2.33 354  eP    19 55.00    3.8X
VTS     2.47 317  iP    19 54.00    0.8
      S.D. = 0.9  on   5 of   7 obs.

   DEC 24, 1985  02h 19m 53.73± 0.70s
   50.218 N ± 6.7km   12.432 E ± 6.3km
   DEPTH = 10.0km  (geophysicist)
 GERMANY                           (543)
      ML 2.1 (GRF).

MOX     0.68 310  ePg   20 06.50   -0.6
                  eSg   20 15.00
GRF     0.94 236  ePgc  20 12.10    0.4
                  eSg   20 24.40
                  eLg   20 26.80
CLL     1.15  18  ePg   20 16.00    0.7
                  iSg   20 30.60
BRG     1.17  55  iPgc  20 15.30   -0.2
                  iSg   20 30.40
KHC     1.32 145  Pg    20 18.10    0.0
                  Sg    20 35.10
PRU     1.38  99  Pg    20 18.70   -0.3
                  Sg    20 36.50
      S.D. = 0.6  on   6 of   6 obs.

   DEC 24, 1985  02h 49m 20.42± 0.82s
   50.252 N ± 8.9km   12.435 E ± 6.7km
   DEPTH = 10.0km  (geophysicist)
 GERMANY                           (543)

MOX     0.66 307  ePg   49 33.50    0.0
                  eSg   49 42.50
GRF     0.96 235  ePg   49 38.80    0.1
                  eSg   49 51.30
                  eLg   49 53.40
CLL     1.12  19  iPg   49 41.20   -0.2
                  iSg   49 56.60
BRG     1.15  57  iPg   49 42.20    0.3
                  iSg   49 57.00
PRU     1.38 100  ePg   49 45.50   -0.2
                  eSg   50 03.50
      S.D. = 0.3  on   5 of   5 obs.

*  DEC 24, 1985  02h 56m 18.41± 0.77s
   50.253 N ± 7.4km   12.420 E ± 7.2km
   DEPTH = 10.0km  (geophysicist)
 GERMANY                           (543)
      ML 2.1 (GRF).

MOX     0.65 308  ePg   56 31.00   -0.4
                  eSg   56 40.00
GRF     0.96 234  ePg   56 37.00    0.4
                  eSg   56 49.60
                  eLg   56 52.00
CLL     1.12  19  iPg   56 39.60    0.2
                  iSg   56 54.40
BRG     1.15  57  iPg   56 40.10    0.1
                  iSg   56 55.00
                  eSg   06 26.00
KHC     1.35 146  ePg   56 43.00   -0.3
                  eSg   57 00.00
      S.D. = 0.5  on   5 of   5 obs.

%  DEC 24, 1985  03h 05m 02.25± 0.78s
   31.649 S ± 7.6km  117.078 E ± 9.7km
   DEPTH = 33.0km  (normal)
 WESTERN AUSTRALIA                 (590)

KLB     0.58  85  iPd   05 13.10   -1.0
                  iS    05 21.00
MUN     0.81 246  iPd   05 16.30   -0.9
                  iS    05 26.00
BAL     1.09 343  iPc   05 21.40    0.2
                  iS    05 34.90
NWAO    1.28 174  eP    05 25.00    1.1
                  eS    05 42.00
RKG     2.41 181  eP    05 52.00   11.7X
                  eS    06 29.00
MRWA    2.60 339  eP    05 43.00    0.2
                  eS    06 14.50
MEK     5.18  15  eP    06 20.00    0.5
                  eS    07 15.00
      S.D. = 1.0  on   6 of   7 obs.

   DEC 24, 1985  03h 48m 38.61± 0.65s
   50.238 N ± 6.3km   12.445 E ± 5.9km
   DEPTH = 10.0km  (geophysicist)
 GERMANY                           (543)
      ML 2.3 (GRF).

MOX     0.67 308  ePg   48 51.70   -0.2
                  eSg   49 01.00
GRF     0.96 236  ePg   48 57.10    0.2
                  eSg   49 09.60
                  eLg   49 12.10
CLL     1.13  18  iPg   48 59.90    0.1
                  eSg   49 15.00
BRG     1.15  56  iPg   49 00.10    0.0
                  iSg   49 15.00
KHC     1.33 146  eP    49 03.00   -0.2
                  eSg   49 20.50
PRU     1.37 100  Pg    49 03.80    0.0
                  Sg    49 21.80
      S.D. = 0.2  on   6 of   6 obs.

   DEC 24, 1985  04h 02m 39.08± 0.41s
   50.235 N ± 4.1km   12.442 E ± 3.8km
   DEPTH = 10.0km  (geophysicist)
 GERMANY                           (543)
      ML 3.4 (FUR), 3.3 (GRF), 3.3
      (KBA), 3.5 (VKA).

HOF     0.37 282  iPgd   02 46.60   -0.1
MOX     0.67 308  iPg    02 52.00   -0.4
                  iSg    03 01.00
GRF     0.96 236  iPgc   02 57.70    0.4
                  eSg    03 10.30
                  eLg    03 12.80
WET     1.13 165  iPgd   03 00.30    0.1
CLL     1.13  18  iPg    03 00.60    0.3
                  iSg    03 15.80
BRG     1.15  56  iPgc   03 00.90    0.3
                  iSg    03 15.40
KHC     1.33 146  iPg    03 03.50   -0.1
                  iSg    03 21.00
PRU     1.37 100  Pn     03 03.50   -0.8
                  Pg     03 04.50
                  Sg     03 22.00
FUR     2.21 201  iPgc   03 20.00    3.7X
KSP     2.53  75  ePn    03 21.00    0.1
                  iPg    03 26.00
                  iS     03 58.50
TNS     2.56 271  ePb    03 28.00    6.6X
                  eSg    04 00.00
VKA     3.22 126  iPnd   03 30.80    0.2
                  iPg    03 40.00
                  iSg    04 21.70
                  i      04 23.10
KBA     3.22 169  iPnc   03 30.80    0.0
                  iSg    04 21.80
                  i      04 23.80
CDF     3.84 244  Pg     03 51.50   11.9X
       0.7s     71.00nm
                  Sg     04 42.00
WTS     3.96 299  e(Pg)  03 57.00   15.9X
WLF     4.10 264  Pn     03 39.60   -3.5X
MEM     4.13 278  eP     04 36.60   53.1X
BSF     4.43 239  Pg     04 02.80   14.9X
       0.5s     23.00nm
                  Sg     04 59.00
SRO     4.56 120  eP     04 20.90   31.3X
HAU     4.58 243  Pg     04 05.00   15.0X
       0.6s     43.00nm
                  Sg     05 04.50
DOU     5.05 271  eP     04 14.30   17.8X
      S.D. = 0.4  on  11 of  21 obs.

   DEC 24, 1985  04h 09m 41.27± 0.15s
   35.090 S ± 4.5km   54.272 E ± 4.2km
   DEPTH = 10.0km  (geophysicist)
   6.0mb ( 45 obs.)  6.0Msz ( 15 obs.)
 SOUTH INDIAN OCEAN                (425)
      FAULT PLANE SOLUTION: P-Waves
       NP1:Strike= 95 Dip=87 Slip=   0
       NP2:       185     90       183
       Principal Axes:
        T              Plg= 2  Azm=320
        P                   2       50
      Comment: The focal mechanism is
       moderately well controlled and
       corresponds to strike-slip
       faulting. The preferred fault
       plane is NP2.
      MOMENT TENSOR SOLUTION
      Dep  15            No. of sta:  8
      Moment Tensor; Scale 10**25 d-cm
        Mrr= 0.53        Mtt= 0.04
        Mff=-0.56        Mrt=-0.38
        Mrf= 0.37        Mtf= 1.89
       Principal axes:
        T  Val=  1.65  Plg= 3  Azm=140
        N        0.63      79       243
        P       -2.27      11        49
      Best Double Couple:Mo=2.0*10**25
       NP1:Strike=185 Dip=81 Slip=-174
       NP2:       94     84       -9
      CENTROID, MOMENT TENSOR     (HRV)
      Data Used: GDSN
      L.P.B.: 17S, 39C
      Centroid Location:
      Origin Time        04:09:48.2 0.3
      Lat 34.77S 0.04 Lon  54.13E 0.03
      Dep  10.0 FIX Half-duration  4.2
      Moment Tensor; Scale 10**25 D-CM
        Mrr= 0.03 0.04  Mtt= 0.17 0.06
        Mff=-0.20 0.04  Mrt=-0.97 0.14
        Mrf=-0.22 0.12  Mtf= 2.00 0.04
       Principal Axes:
        T  Val=  2.33  Plg=21  Azm=140
        N       -0.18      64       284
        P       -2.15      14        45
      Best Double Couple:Mo=2.2*10**25
       NP1:Strike=181 Dip=65 Slip= 175
       NP2:       273     85        25

BPI    24.21 284  iPd    04 56.00   -3.2X
       1.2s    625.00nm          6.1mb
SLR    24.22 286  iPc    04 57.50   -1.7
       1.5s    847.22nm          6.1mb
     Z 22s     48.89um          5.9Msz
BFS    24.88 282  iPc    15 02.90   -2.7
       1.2s    906.25nm          6.3mb
BUL    27.07 297  iPc    15 23.00   -3.1X
       0.7s    205.48nm          5.9mb
     Z 21s     49.46um          6.1Msz
     N 20s     50.35um
MTD    27.25 306  iPc    15 25.00   -2.7
                  i      20 37.10
KRI    28.55 303  iPc    15 37.10   -2.4
LSZ    30.61 304  iPd    15 55.00   -2.9
       2.0s  1561.50nm          6.5mb
                  i      16 59.40
                  i      17 07.20
```

24d 04h

				i	23	35.60			BHD	68.63	351	iPd	20	46.00	-0.5					eS	32	02.70		
				i	25	57.10						i	23	13.00			SKO	82.38	336	iPc	22	04.40	-0.1
IKZ	31.69	316	iPd	16	21.50	14.1X						iS	29	05.00						iPPP	26	32.00		
	1.1s	194.90nm							BFD	68.65	121	iPc	20	45.90	-0.9					iS	31	50.00		
			i	17	06.80				ASPA	68.67	104	iPc	20	46.40	-0.7					iPS	32	23.00		
MAW	32.93	174	eP	16	17.00	-0.5				1.0s	187.00nm				6.2mb		BUC1	83.12	340	ePc	22	08.00	-0.3
KMZ	33.50	303	iPd	16	21.50	-1.7			DMN	68.83	29	iPd	20	47.10	-1.1		BUC	83.17	340	eP	22	04.50	-4.0X
	1.3s	189.30nm				5.9mb			JER	68.88	343	eP	20	47.00	-1.2		ISR	83.71	341	ePd	22	11.50	0.1
			i	16	29.90							eS	29	58.00			WMQ	84.23	24	P	22	14.20	0.2
			i	16	36.30				PKI	68.92	29	iPd	20	47.10	-1.7		CMP	84.25	340	ePd	22	20.00	6.0X
			i	17	04.50				LOE	68.95	49	eP	20	40.00	-8.8X		VRI	84.34	341	iPc	22	13.00	-1.4
			i	17	44.30				RTB	69.02	347	ePd	20	48.00	-1.0		TZZ	84.51	93	eP	22	17.00	0.8
SYO	34.96	189	eP	16	33.70	-1.3						i	30	58.00			LZH	84.54	38	P	22	15.70	-0.2
NAI	37.37	330	eP	16	57.00	0.8			KKN	69.06	29	iPd	20	48.40	-1.2					eS	32	43.00		
	2.0s	588.24nm				6.0mb			TAU	69.13	128	eP	20	51.00	1.3		CLI	84.82	342	ePd	22	17.00	0.1
LWI	40.36	318	iPc	17	20.50	-0.7						eS	30	00.00			GTA	85.23	34	P	22	18.90	-0.3
SNA	46.26	203	eP	18	07.00	-1.1			KER	69.41	354	eP	20	51.00	-0.4					S	32	44.50		
	0.8s	383.58nm				6.5mb			HRI	70.19	344	eP	20	55.00	-1.2		BEO	85.25	337	iP	22	18.50	-0.4
AAE	46.26	339	iP	18	10.00	0.9			IR2	70.46	357	eP	20	58.00	0.2					i	22	45.00		
GBR	47.33	344	iP+	18	16.90	-0.3			TOO	70.51	123	eP	20	58.00	-0.3					i(pP)	23	21.00	260kmX
ATA	47.46	345	iP+	18	17.80	-0.3			STK	70.52	116	eP	20	57.00	-1.3					ePP	25	41.00		
SGH	47.57	344	iP+	18	19.20	0.1						e	21	06.00						iS	32	52.00		
ARO	47.61	345	iP+	18	19.50	0.1			SLY	70.80	352	iPd	21	00.00	0.3		QZH	85.26	55	eP	22	22.00	2.5
KSU	47.69	344	ePd	18	20.20	0.2						eS	30	17.00						S	32	46.00		
DAF	47.76	344	eP+	18	20.40	-0.1			WRA	70.91	101	Pd	21	00.60	-0.2		XAN	85.69	43	P	22	21.40	-0.1
OBO	47.96	345	iP+	18	22.00	-0.1				0.9s	125.70nm				6.0mb					iS	32	54.00		
KOD	50.14	30	eP	18	39.20	0.0			KKM	71.11	68	ePb	21	02.50	0.3		VAO	85.70	245	e(P)	22	22.00	0.0
RKG	50.88	108	eP	18	43.00	-1.4			MSL	71.86	351	ePd	21	06.00	-0.1		TCW	86.20	139	P	22	23.20	-0.9
MUN	50.99	105	eP	18	45.00	-0.3			CSS	72.39	342	eP	21	08.80	-0.5		VBA	86.28	225	e(P)	22	23.00	-1.5
	1.1s	200.00nm				6.0mb			LSA	73.22	33	P	21	13.90	-1.0		WHN	86.36	49	Pd	22	26.00	1.2
	Z 22s	5.20um				5.5Msz			WAM	73.55	123	eP	21	16.40	0.1					SKS	32	50.00		
NWAO	51.46	107	iPc	18	48.30	-0.5						i	21	25.10						iS	33	03.00		
	0.8s	78.00nm				5.7mb			CMS	73.84	117	eP	21	17.00	-1.0		WEL	86.42	139	P	22	29.00	3.9X
BNG	51.70	312	iPc	18	49.20	-1.6			CAN	74.09	122	iPc	21	19.40	-0.1					S	33	04.00		
	1.0s	245.00nm				6.1mb						i	21	28.10			PMG	87.00	99	eP	22	29.00	0.6
			id	20	10.40				YOU	74.21	121	iPc	21	20.10	-0.1		MNG	87.27	139	P	22	29.00	-0.3
BAL	51.99	104	P	18	51.00	-1.2			ISO	74.67	105	eP	21	31.00	8.0X		FIR	87.72	330	eP	22	30.00	-1.0
KLB	52.36	105	eP	18	54.50	-1.2			AAI	74.74	84	eP	21	25.00	1.5		CVF	87.73	328	eP	22	31.30	0.1
GBA	53.18	29	Pd	19	00.50	-1.2				0.6s	6.00nm				4.8mb X		BUD	88.07	337	eP	22	32.00	-0.7
	1.2s	54.10nm				5.4mb			SLKI	74.85	89	eP	21	26.50	2.4X		PSZ	88.18	338	iPc	22	32.60	-0.7
KSI	54.53	66	eP	19	15.50	3.7X			ELL	74.98	340	iP	21	24.90	0.4		LJU	88.36	334	eP	22	33.80	-0.3
			e	21	21.00				KMI	75.45	45	Pc	21	32.70	5.2X					e	23	45.00		
MEK	54.99	100	eP	19	14.00	-1.2			N	22s	11.80um									e	26	11.00		
	0.6s	38.00nm				5.6mb						pP	21	34.00	4kmX					e(S)	31	04.00		
SPA	55.09	180	iPc	19	14.10	-1.5						PcP	21	42.00						e	33	20.00		
	1.0s	154.76nm				6.0mb						PP	24	11.00			TRI	88.36	333	eP	22	34.50	0.4
	Z 20s	14.41um				6.0Msz						eS	30	52.00						i	25	56.00		
KLG	55.59	106	eP	19	18.60	-0.8						SS	31	06.00						i	30	52.00		
	0.6s	205.00nm				6.3mb			BCK	75.46	341	iP	21	25.90	-1.3					i	33	06.00		
POO	56.48	22	iPd	19	24.90	-0.9			YER	75.81	339	iP	21	27.90	-1.2					i	34	24.00		
	0.8s	79.10nm				5.8mb			KSH	76.84	17	eP	21	37.30	2.3					i	39	26.00		
HYB	57.08	28	ePd	19	28.50	-1.6						S	31	24.30						e	55	12.00		
	1.0s	150.00nm				6.0mb			IZM	77.28	339	iP	21	37.50	0.2		SRO	88.59	337	iP	22	35.50	0.4
			eS	27	20.00				TLE	77.36	88	ePd	21	39.10	0.9			N 20s		3.60um			
			eP'P'	49	26.00				ATH	78.02	336	eP	21	40.00	-1.3			E 20s		3.20um			
			ed	50	35.00							eS	31	36.00						i	22	43.30		
MBL	58.53	95	eP	19	39.00	-1.4			GPA	78.19	341	eP	21	40.00	-2.3					i	23	01.40		
KGM	58.86	62	eP	19	39.00	-3.7X			PRK	78.36	338	eP	21	43.50	0.3					e	33	07.00		
IPM	59.02	58	ePd	19	43.20	-0.6			RMQ	78.67	114	e(P)	21	54.00	8.7X		VOY	88.58	333	iP	22	34.90	-0.4
	1.0s	193.90nm				6.2mb			KCT	78.68	340	iP	21	45.10	0.2		SPC	89.20	338	eP	22	38.50	0.2
			e	19	57.50				YLV	78.70	341	iP	21	45.60	0.5					i	22	46.20		
			e	20	38.90				COO	78.70	119	iPd	21	45.80	0.3		KRP	89.22	137	e(P)	22	42.00	3.3X
SBA	60.47	167	iP	19	52.50	-0.5			GYA	78.75	46	P	21	45.20	-0.6		ZST	89.32	336	eP	22	37.50	-1.1
	2.4s	380.00nm				6.1mb						PcP	21	53.60						i	22	44.70		
			(S)	28	18.50							S	31	41.00						e	26	07.60		
			LR	37	50.00				HRT	78.86	341	iP	21	45.60	-0.3		LMR	89.37	327	eP	22	39.70	0.7
SNG	60.61	55	eP	20	01.50	6.8X			EZN	78.88	338	iP	21	46.60	0.6		FRF	89.49	328	eP	22	40.60	1.0
			e	20	12.00				EDC	78.91	340	eP	21	46.90	0.7		LRG	89.54	327	eP	22	40.70	1.0
WBN	61.65	103	iPc	20	00.60	-1.2			DAV	79.00	73	eP	21	52.00	4.8X			0.9s	102.30nm				6.1mb
	0.6s	104.00nm				6.2mb			ISK	79.25	341	iP	21	48.60	0.6		VKA	89.64	336	iPc	22	39.50	-0.7
KHKI	61.84	80	eP	20	02.80	-0.3			VLS	79.31	334	eP	21	48.00	-0.4			2.5s	653.00nm				6.4mb
			e	22	40.00				CTA	80.29	108	iPc+	21	54.00	-0.1					i	22	47.20		
NNT	64.05	51	eP	20	17.50	-0.1				1.1s	107.59nm				5.7mb					i	23	47.00		
KHT	65.01	48	eP	20	26.80	2.9X						j	22	02.00			KBA	89.67	333	iPc	22	40.40	-0.2
NST	66.64	49	eP	20	33.60	-0.7						iS	32	00.00				2.0s	535.00nm				6.4mb
ADE	66.93	117	iPc	20	35.00	-1.1			MAN	80.29	64	eP	21	56.00	1.9					i	22	48.00		
	0.9s	132.77nm				6.1mb			MSZ	80.43	138	P	21	55.00	0.6					iPP	26	14.20		
NDI	67.03	22	iPd	20	35.50	-1.0			CD2	80.48	41	eP	21	54.50	-0.4					i	26	24.70		
	1.0s	35.00nm				5.5mb			GZH	80.50	53	eP	21	54.50	-0.6X		CRT	89.78	317	iPd	22	42.50	1.3
	Z 20s	7.00um				5.9Msz						pP	22	03.50	29kmX		MAL	89.90	317	iPd	22	41.40	-0.2
			ePP	23	04.00							S	32	04.00						i	24	47.00		
			iS	29	28.00				HKC	80.51	54	eP	22	01.00	5.9X		CDR	89.97	327	iPc	22	43.00	1.2
			eSS	33	50.00				KZN	80.78	335	eP	21	56.00	-0.3					i	22	51.20		
PRNI	67.57	342	eP	20	39.50	-0.5			BRS	81.14	117	P	21	57.30	-1.3					i	22	57.10		
CHG	68.35	46	iPd	20	43.00	-2.1						iS	32	11.00			KRA	90.06	339	ePd	22	41.40	-0.7
	1.1s	60.13nm				5.7mb			VAY	81.42	336	iPc	21	59.00	-0.5			1.8s	412.00nm				6.4mb
			eS	25	02.00				OHR	81.83	335	iP	22	01.60	-0.1			Z 20s	3.40um				5.8Msz

	N	20s	3.90um				LSF	93.87	326	eP	23	01.40	1.7	PIM	153.01	238	ePKP	29	38.20	5.0X
	E	20s	4.20um				BJI	94.02	43	eP	23	02.00	1.5	FFC	154.37	327	ePKP	29	38.00	4.0X
			e	22	48.90			Z	21s	7.90um			6.2Msz		1.1s	16.00nm					
			e	22	59.40			N	21s	4.80um				BHO	154.67	277	e(PKP)	29	37.30	2.3
			eS	32	20.00			E	20s	3.80um				RLO	155.07	281	ePKP	29	37.50	2.0
			e	33	28.00					ePP	26	45.00		TUL	155.66	281	ePKP	29	38.00	1.6
NJ2	90.19	50	Pd	22	43.00	-0.1				eSKS	33	36.00			1.0s	40.60nm					
EBR	90.28	322	eP	22	48.00	4.7X				eS	34	07.00			Z 18s	7.20um				6.5Msz	
			eS	33	51.00					eSS	40	31.00		OCO	156.97	279	e(PKP)	29	39.00	0.9
TIY	90.31	42	P	22	43.80	0.2	NOU	94.05	121	iPc	23	02.20	0.9	JCT	157.75	265	ePKP	29	39.50	0.2
			S	33	36.50		TNS	94.10	332	eP	23	02.50	1.8		1.0s	60.00nm					
OGA	90.37	332	eP	22	44.30	0.5	DZM	94.20	121	iPc	23	01.60	-0.5		Z 20s	4.08um				6.3Msz	
	2.0s	717.00nm			6.6mb		PCH	94.30	223	eP	22	48.00	-14.4X	ACO	158.43	282	ePKP	29	21.70	-18.1X
OSS	90.56	331	ePc	22	45.00	0.3	WLF	94.55	331	P	23	01.50	-1.1	EDM	159.87	338	ePKP	29	46.50	5.6X
TMA	90.60	330	ePc	22	44.80	-0.1	BNS	95.18	332	eP	23	12.00	6.4X	LTX	160.49	259	PKP	29	45.40	3.0X
VDL	90.67	331	ePd	22	45.40	0.2	MEM	95.35	331	P	23	02.90	-3.4X		Z 21s	2.63um					
BDF	90.75	250	ePc	22	46.80	0.5	ENN	95.51	332	eP	23	07.00	-0.1	SES	161.34	330	ePKPc	29	43.30	0.8
MMK	90.93	330	ePc	22	47.10	0.6		0.8s	18.00nm				5.6mb				pP	30	33.00		
LPG	90.99	329	eP	22	47.00	0.2	SNF	95.96	331	P	23	11.00	1.9	GLD	163.07	292	ePKP	29	53.00	8.3X
	1.0s	60.00nm			5.9mb		WTS	96.14	333	e(P)	23	11.00	1.1		Z 20s	5.00um					
SSE	91.05	52	eP	22	47.60	0.6	NUR	98.31	346	iP	23	20.50	1.0	GOL	163.19	292	ePKP	29	48.00	3.0X
	Z 22s	7.70um			6.1Msz		UPP	99.32	342	iP	23	25.30	1.2		1.0s	15.50nm					
	N 24s	5.10um					SUF	100.06	347	iPdiff	23	28.20	0.7		Z 20s	8.50um					
	E 24s	1.80um						0.8s	4.00nm				5.0mb X	ALQ	164.21	275	ePKP	29	45.00	-1.0
		eS	33	17.00			SHK	100.77	55	ePdiff	23	32.20	0.8		Z 18s	4.12um					
		sS	33	27.50			APO	100.86	341	ePdiff	23	30.10	-1.1	PNT	165.09	344	ePKPc	29	48.00	1.9
		SS	33	48.00				0.9s	8.40nm				5.3mb	BDW	165.28	306	ePKP	29	46.00	-0.8
BTO	91.12	39	eP	22	45.60	-1.7	KJF	101.16	348	ePdiff	23	34.00	1.6		1.0s	24.00nm					
LLS	91.17	331	ePd	22	48.10	0.6		0.9s	27.00nm				5.8mb	LRM	165.29	321	ePKP	29	46.40	-0.3
DIX	91.18	329	ePc	22	48.90	1.2				i	23	40.00		NEW	165.36	337	ePKP	29	48.00	1.6
KHC	91.32	335	eP	22	47.50	-0.5				e	24	08.00					e	30	44.00		
	2.0s	238.50nm			6.2mb		CN2	101.72	44	ePdiff	23	35.40	0.0				e	30	53.00		
	N 18s	1.50um					NB2	102.02	340	Pdiff	23	36.30	-0.1	GLA	170.73	260	ePKP	29	55.00	4.5X
	E 16s	1.70um						1.1s	15.10nm				5.5mb	EUR	171.07	302	iPKP	29	53.50	2.8X
		e	26	27.80			SOD	104.27	349	iPdiff	23	47.00	0.8		0.2s	9.77nm					
SAX	91.34	331	ePd	22	48.80	0.4				e	24	49.00		BMN	171.41	311	ePKP	29	54.00	3.3X
FUR	91.35	333	iPc	22	48.50	0.4				e	25	07.00		TPC	171.96	266	ePKP	29	53.00	2.0
	2.0s	1305.00nm			6.9mb		KEV	106.42	350	ePdiff	23	45.00	-10.7X				e	35	08.00		
EMS	91.37	329	ePd	22	48.20	-0.2				e	24	53.00		BAR	172.10	255	ePKP	29	54.00	3.0X
PRU	91.72	336	eP	22	49.00	-0.7				e	25	04.00		PLM	172.45	259	ePKP	29	56.00	4.6X
	2.0s	175.80nm			6.1mb		KEV	106.42	350	ePKP	28	12.00	5.3X	GSC	172.69	274	ePKP	29	55.00	3.7X
		S	31	36.00			DAG	120.12	345	iPKPc	28	33.20	0.6	RVR	173.02	263	ePKP	29	54.00	2.7X
KSP	91.88	337	eP	22	50.50	0.1		0.4s	3.39nm					MNA	173.07	301	ePKPc	29	53.00	1.6
	1.0s	25.00nm			5.5mb		ALE	127.99	351	ePKP	28	49.00	1.3				e	31	27.30		
ZUL	91.91	331	ePc	22	52.00	1.3		1.3s	29.00nm								e	35	19.20		
TIA	91.95	46	eP	22	51.20	0.1	UPA	130.51	250	iPKPc	28	56.30	1.9				ePKKP	38	23.30		
		PP	26	30.00				1.1s	70.89nm								eSKKP	42	23.20		
		SKS	33	22.00				Z 18s	2.61um				6.0Msz				eSKPP	50	48.20		
		eS	33	51.00			FRB	135.25	328	ePKP	29	08.00	6.1X	MWC	173.62	264	ePKP	29	56.00	4.2X
TOL	91.95	319	iPd	22	52.00	0.9	MNT	139.56	301	ePKP	29	09.00	-1.5	CWC	173.64	284	ePKP	29	55.00	3.3X
	1.3s	4.00nm			4.6mb X		RSNY	140.13	300	ePKP	29	13.20	1.6	MIN	173.82	329	ePKPc	29	54.30	2.7X
EPF	92.01	324	eP	22	51.80	0.5		Z 20s	4.52um				6.2Msz	WDC	173.97	336	ePKP	29	53.00	1.5
SLE	92.10	331	ePd	22	51.30	-0.2	OTT	141.02	301	ePKP	29	14.00	0.9				e	31	28.50		
HHC	92.10	40	eP	22	52.50	0.7	NAV	143.93	287	PKP	29	16.20	-2.3				e	31	50.00		
CAF	92.62	326	eP	22	54.60	0.6	GFM	144.50	285	PKP	29	16.90	-2.8X				e	35	23.50		
	1.3s	80.80nm			6.0mb		LON	144.85	297	PKP	29	19.60	-0.2				eSKPP	50	36.70		
GRF	92.64	334	eP	22	54.30	0.3	IMA	144.88	19	ePKP	29	18.20	-1.2	ISA	174.05	278	ePKP	29	56.00	4.3X
	Z 22s	3.00um			5.7Msz		ELF	144.96	297	PKP	29	20.20	0.2	FHC	174.13	347	ePKP	30	00.30	8.7X
		e	23	01.70			DLA	145.13	296	PKP	29	20.10	-0.2				e	35	23.70		
ROF	92.67	330	eP	22	54.80	0.7	TTA	146.39	25	ePKP	29	23.50	1.6	ORV	174.41	324	ePKP	29	54.50	2.8X
BRG	92.67	336	iP	22	54.00	-0.1	INK	146.44	5	ePKP	29	22.00	0.3	FRI	174.77	293	ePKPc	29	53.20	1.4
	Z 17s	2.50um			5.7MszX			1.2s	447.00nm					GAS	174.85	333	PKP	29	54.70	2.8X
	N 17s	2.50um								pP	29	48.00		JAS1	174.87	305	ePKP	29	52.60	0.7
	E 17s	2.50um					COL	147.33	17	ePKP	29	25.00	1.8				i	31	35.50		
		i	22	59.20				0.8s	113.81nm								e	31	50.20		
		e	23	13.00			FBA	147.33	17	ePKP	29	24.60	1.4				e	32	18.30		
		e	31	44.00			RSCP	147.41	283	ePKP	29	26.30	1.9				e	35	30.60		
		e	34	08.00			VHO	148.65	243	iPKP	29	31.00	4.0X				ePKKP	38	42.40		
BSF	92.83	330	eP	22	54.80	-0.2	SDN	148.71	39	ePKP	29	31.30	5.6X				eSKPP	50	51.40		
LGR	93.00	322	eP	22	55.00	-0.8	PMR	149.60	22	PKP	29	21.90	-5.0X	SYP	175.24	265	ePKP	30	01.00	8.8X
CDF	93.10	331	eP	22	56.00	-0.2	PME	149.60	22	ePKP	29	28.70	1.8				e	35	26.00		
SMF	93.15	328	eP	22	56.80	0.4		0.9s	108.30nm					PRI	175.74	286	ePKP	29	56.20	4.0X
	1.2s	75.50nm			6.0mb			Z 20s	3.00um				6.1Msz				e	31	40.20		
HAU	93.15	330	eP	22	56.40	0.0	LHC	150.02	308	ePKP	29	28.00	0.1				e	35	29.30		
MOX	93.29	334	eP	22	56.00	-0.9		1.4s	491.00nm								ePKKP	38	42.90		
	2.8s	251.00nm			6.1mb		TOA	150.05	19	ePKP	29	32.90	5.2X	LLA	175.83	293	ePKPc	29	56.80	4.7X
		e	26	18.00			KDC	151.12	30	ePKP	29	38.00	8.7X	ARN	175.93	305	PKP	29	56.90	4.8X
		ePP	26	42.00			III	151.37	241	ePKP	29	35.00	3.9X	MHC	176.00	305	ePKPc	29	56.90	4.6X
LBF	93.35	328	eP	22	57.40	0.1	TPM	151.46	243	iPKP	29	34.50	3.3X	BKS	176.04	316	ePKP	29	56.90	4.8X
CLL	93.36	335	iP	22	57.00	-0.2	FVM	151.59	286	ePKP	29	32.00	1.3		1.0s	30.00nm					
	1.9s	170.00nm			6.1mb		YKC	151.69	349	ePKP	29	30.00	0.0	BRK	176.06	316	ePKP	29	58.00	6.0X
GWF	93.42	331	eP	22	57.60	0.0		1.0s	131.00nm						Z 20s	1.20um					
AVF	93.47	328	eP	22	58.60	0.8	RSNT	151.71	349	ePKP	29	31.50	1.5	PRS	176.24	291	ePKP	29	55.90	3.7X
BGF	93.52	327	eP	22	59.20	1.2	TAC	151.83	243	ePKP	29	36.00	4.1X	PCC	176.38	313	ePKP	29	56.30	4.2X
SSF	93.61	328	eP	22	59.20	0.7	RSON	152.04	314	ePKP	29	31.00	0.1	GCC	176.41	304	ePKPc	29	58.60	6.5X
LOR	93.62	328	eP	22	59.00	0.5		Z 22s	3.17um				6.1Msz		S.D. = 1.0		on 229 of 296 obs.				
	1.2s	92.20nm			6.0mb		YAH	152.67	17	ePKP	29	41.30	9.5X								

24d 04h

DEC 24, 1985 04h 13m 20.87± 0.41s
7.063 N ± 7.9km 34.824 W ± 9.8km
DEPTH = 10 0km (geophysicist)
5.1mb (12 obs.) 5.4Msz (4 obs.)
CENTRAL MID-ATLANTIC RIDGE (406)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 32C
Centroid Location:
Origin Time 04:13:30.5 0.6
Lat 7.53N 0.06 Lon 33.88W 0.05
Dep 10.0 FIX Half-duration 3.1
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.44 0.23 Mtt= 1.23 0.24
Mff=-0.79 0.38 Mrt=-3.85 0.65
Mrf=-4.41 0.99 Mtf=-6.04 0.22
Principal Axes:
T Val= 6.35 Plg= 1 Azm=220
N 3.28 57 128
P -9.63 32 310
Best Double Couple:Mo=8.0*10**24
NP1:Strike=350 Dip=67 Slip= -23
NP2: 90 69 -155

ITR	16.12	193	eP	17	06.60
			e	17	11.30
			e	17	17.30
			e	17	21.70
SOB1	17.26	201	eP	17	24.00
MBO	19.00	66	iPd	17	35.80
ATB	20.18	240	e(P)	17	58.70
BDF	26.03	210	Pd	18	55.80
KIC	29.88	90	eP	19	19.50
RDJ	30.89	195	eP	19	41.80
VAO	32.15	201	e(P)	19	56.00
SJG	32.43	293	eP	19	53.00
SDV	35.50	275	eP	20	24.50
AVE	36.42	40	eP	20	27.00
			i	22	41.00
BMG	37.95	272	eP	20	41.00
IFR	38.06	42	iP	20	34.00
			i	22	34.00
BOG	39.10	269	eP	20	49.00
			eS	26	57.00
CCH	39.34	232	P	20	59.10
ZOBO	40.29	235	Pc	21	02.00
	0.8s	28.22nm		5.0mb	
			iS	27	23.00
			LR	32	40.00
LPB	40.41	234	P	21	02.70
	1.5s	222.22nm		5.6mb	
Z	15s	9.33um		5.8MszX	
			i	21	11.50
			iS	27	29.00
CNCB	40.47	234	P	21	03.00
			i	21	11.70
TAF	40.64	43	eP	20	46.00
			i	22	32.00
TPZ	41.50	226	Pc	21	11.00
PSO	42.77	264	eP	21	19.00
SLA	43.49	222	e(P)	21	26.20
UPA	44.29	276	e(P)+	21	36.80
	0.9s	38.66nm		5.3mb	
Z	18s	1.55um		5.0Msz	
			i	32	27.00
NNA	45.87	246	eP	21	52.00
Z	20s	4.08um		5.4Msz	
ANT	46.29	228	eP	21	51.00
BAA	47.08	207	eP-	22	02.90
EPF	47.31	35	eP	21	58.00
	1.1s	29.30nm		5.3mb	
LFF	48.74	33	eP	22	06.90
LPO	48.83	34	eP	22	08.80
CAF	49.47	34	eP	22	13.60
	1.1s	27.80nm		5.2mb	
LPF	49.89	29	eP	22	09.50
LSF	50.01	32	eP	22	16.20
GRR	50.23	29	eP	22	11.80
TCF	50.40	33	eP	22	20.70
MZF	50.56	33	eP	22	22.10
MNT	50.89	325	eP	22	22.00
BGF	50.91	33	eP	22	24.90
	1.1s	24.40nm		5.0mb	
AVF	51.33	33	eP	22	27.90
SMF	51.50	33	eP	22	30.20
SSF	51.58	33	eP	22	29.40
LBF	51.79	33	eP	22	31.10

LOR	51.90	33	eP	22	31.80
OTT	52.02	324	eP	22	52.00
PEL	52.53	218	eP	22	35.50
DOU	54.04	30	P	22	46.00
			e	33	51.00
			e	34	18.00
			e	38	32.00
FRB	61.54	344	eP	23	43.00
TUL	62.46	307	eP	23	50.50
	1.0s	26.10nm		5.4mb	
JCT	64.91	300	eP	24	03.00
	1.0s	12.50nm		5.1mb	
Z	22s	3.15um		5.5Msz	
DAG	70.21	4	iP	24	32.00
ALQ	70.94	304	eP	24	39.50
Z	22s	4.07um		5.6Msz	
FFC	71.15	326	eP	24	37.00
	1.0s	12.00nm		5.0mb	
BDW	74.04	312	eP	25	00.30
	1.0s	12.00nm		4.9mb	
ALE	76.31	356	eP	25	10.00
	0.9s	12.00nm		5.0mb	
LRM	76.35	315	eP	25	11.30
EDM	77.51	323	eP	25	15.00
EUR	78.72	309	iP	25	27.00
	0.3s	3.46nm		4.9mb	
TPC	78.82	303	eP	25	27.00
GSC	79.42	305	eP	25	35.00
PLM	79.52	303	eP	25	36.00
BMN	79.68	310	iP	25	32.00
CWC	80.43	306	eP	25	31.00
MWC	80.49	303	eP	25	43.00
ISA	80.78	305	eP	25	41.00
SYP	82.06	304	eP	25	50.00
INK	86.70	338	eP	26	07.00
S.D. = 1.3 on 40 of 65 obs.					

DEC 24, 1985 04h 37m 30.31± 0.23s
14.322 S ± 5.4km 166.344 E ± 5.5km
DEPTH = 33.0km (normal)
5.6mb (15 obs.) 5.9Msz (3 obs.)
VANUATU ISLANDS (186)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 22C
Centroid Location:
Origin Time 04:37:37.3 0.7
Lat 14.42S 0.10 Lon 166.20E 0.10
Dep 32.7 5.8 Half-duration 2.7
Moment Tensor; Scale 10**24 D-CM
Mrr= 5.21 0.29 Mtt=-0.60 0.47
Mff=-4.61 0.48 Mrt=-0.07 0.79
Mrf=-0.27 0.95 Mtf= 1.76 0.41
Principal Axes:
T Val= 5.22 Plg=88 Azm=125
N 0.06 2 339
P -5.28 1 249
Best Double Couple:Mo=5.3*10**24
NP1:Strike=337 Dip=44 Slip= 87
NP2: 161 46 93

PVC	3.89	151	iPd	38	33.20
DZM	7.71	179	iPc	39	20.60
			iS	40	50.70
HNR	7.92	307	eP	39	28.00
			e(S)	41	00.00
NOU	7.95	179	iPc	39	24.70
SVO	8.20	308	eP	39	30.00
VSG	8.22	307	ePd	39	28.00
			eS	39	42.00
NDF	11.21	109	eP	40	13.50
VUN	12.21	109	eP	40	26.50
RAB	17.22	304	e(P)	41	52.00
BRS	18.14	222	P	41	43.50
			i	44	13.00
PMG	19.40	282	eP	41	56.00
CTA	20.02	251	iPd	42	03.00
	1.1s	44.30nm		4.7mb	
			iS	45	58.00
RMO	20.42	231	iPc	42	08.50
	1.2s	1238.00nm		6.1mb X	
COO	20.94	217	eP	42	13.00
MDG	22.16	292	eP	42	26.00
RIV	23.81	213	eP	42	44.00
KRP	24.88	163	P	42	50.00
			(pP)	42	58.80
CMS	25.40	224	eP	42	56.00

YOU	25.66	216	eP	43	00.40
			e	43	11.10
CAN	26.09	214	eP	43	04.60
			e	43	18.60
GNZ	26.33	159	P	43	15.20
WAM	26.81	213	eP	43	12.30
MNG	27.39	165	P	43	17.00
TOO	29.66	215	eP	43	40.00
MSZ	30.28	178	P	43	42.00
WRA	31.06	255	Pc	43	45.50
	1.1s	12.80nm		4.6mb	
ASPA	31.99	248	eP	43	55.00
ADE	32.27	226	iPd	44	07.60
TLE	34.15	281	ePc	44	28.90
SLKI	34.93	277	eP	44	24.10
WBN	38.97	246	eP	44	55.00
PMO	44.21	97	eP	45	44.00
	1.8s	375.00nm		5.9mb	
VAH	44.45	97	eP	45	46.00
	1.8s	195.00nm		5.6mb	
TPT	44.48	97	eP	45	46.00
	1.8s	255.00nm		5.8mb	
RUV	44.69	97	eP	45	48.00
	1.8s	295.00nm		5.9mb	
DAV	45.70	295	eP	46	09.90
MEK	46.18	247	eP	45	53.60
NWAO	48.19	239	eP	46	09.00
MRWA	48.69	244	eP	46	12.50
MUN	48.89	240	eP	46	14.00
Z	20s	14.00um		5.9Msz	
KHKI	50.02	271	ePc	46	23.00
			e	51	55.20
KKM	53.68	289	ePd	46	53.00
	1.2s	95.10nm		5.7mb	
BAG	54.55	302	eP	47	05.00
MAT	57.13	333	(P)	47	10.00
	1.0s	13.00nm		4.9mb	
SHK	58.17	327	eP	47	24.00
SBA	63.54	180	iP	48	00.40
	1.2s	62.50nm		5.6mb	
KGM	64.48	279	eP	48	08.50
NJ2	64.76	316	eP	48	07.60
WHN	67.01	312	eP	48	23.00
IPM	67.42	281	ePd	48	26.10
			e	48	33.10
MDJ	67.50	332	eP	48	24.10
TIA	68.44	319	eP	48	32.40
CN2	68.84	329	Pc	48	32.00
GYA	70.75	305	P	48	48.40
BJI	71.39	322	eP	48	49.00
TIY	72.36	318	P	48	56.40
XAN	72.76	313	eP	48	57.60
KMI	73.33	302	eP	49	03.00
HHC	74.70	320	P	49	09.40
CD2	75.05	308	eP	49	12.30
BTO	75.53	319	eP	49	15.00
SPA	75.77	180	iPc	49	14.10
	1.3s	58.33nm		5.4mb	
Z	19s	2.53um		5.5Msz	
LZH	77.38	313	P	49	26.00
GTA	81.74	314	Pc	49	48.50
PME	83.48	20	eP	49	52.40
	1.6s	153.20nm		5.9mb	
LSA	84.59	302	eP	50	02.20
SYP	85.05	53	eP	50	03.00
IMA	85.49	15	eP	50	03.70
COL	86.24	18	eP	50	07.00
	1.0s	47.50nm		5.7mb	
FBA	86.24	18	eP	50	06.30
	1.5s	118.10nm		5.9mb	
MWC	86.44	54	eP	50	11.00
ISA	86.61	52	eP	50	13.00
RVR	86.89	54	eP	50	13.00
BAR	87.02	55	eP	50	33.00
PLM	87.09	55	eP	50	16.00
GSC	87.77	53	eP	50	18.00
TPC	87.97	54	eP	50	14.00
EUR	89.75	49	iP	50	29.50
	0.2s	5.02nm		5.4mb	
WMO	91.81	315	P	50	37.20
GBA	92.26	283	Pc	50	39.30
	1.1s	7.70nm		5.0mb	
TPZ	117.76	124	ePKP	56	16.00
CNCB	118.09	118	ePKP	56	19.00
LPB	118.11	118	ePKP	56	16.00
ZOBO	118.20	118	ePKP	56	17.00
KEV	119.10	345	ePKP	56	13.00

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KJF   122.64 340 ePKP  56 22.00   -1.6
       0.7s     17.40nm
                 i     56 38.00
SLR   122.97 226 ePKP  56 31.50    5.8X
SUF   124.14 339 iPKP  56 26.70    0.1
       0.7s      4.40nm
MTD   125.68 237 ePKP  56 32.00    0.9
BUL   126.14 231 ePKP  56 31.10   -0.9
       0.9s      6.72nm
NUR   126.15 338 ePKP  56 31.00    0.4
       1.0s     18.00nm
                 i     56 45.20
IKZ   128.04 245 iPKP  56 38.00    2.2
LSZ   129.24 236 iPKP  56 40.10    2.1
SJG   129.59  78 ePKP  56 36.00   -2.5
       0.8s     18.66nm
      Z  22s      4.44um          6.1Msz
APO   129.67 343 ePKP  56 37.00   -0.3
       0.7s      4.00nm
NB2   130.00 345 PKP   56 36.90   -1.1
       1.0s      5.50nm
VAO   130.61 138 e(PKP)56 41.00    0.6
KMZ   132.14 237 iPKP  56 43.00   -0.5
                 i     59 04.00
BDF   134.90 130 e(PKP)56 45.50   -3.3X
KRA   135.10 330 ePKP  56 56.40    8.4X
                 e     57 13.40
KSP   136.27 333 ePKP  56 54.00    3.8X
                 e     00 32.00
BRG   137.26 334 ePKP  56 51.50   -0.5
       1.3s     25.00nm
                 e     57 25.50
CLL   137.31 335 e(PKP)56 51.00   -1.1
                 e     59 59.00
SRO   137.38 328 ePKP  56 54.30    2.0X
PRU   137.66 333 ePKP  56 53.00    0.1
                 e     57 09.00
ZST   137.73 329 ePKP  56 52.60   -0.4
MOX   138.38 336 e(PKP)57 03.00    8.8X
KHC   138.72 333 PKP   56 56.50    1.6
SKO   139.04 319 ePKP  56 55.00   -0.6
                 e     00 11.00
GRF   139.29 335 e(PKP)56 58.30    2.5X
MEM   140.45 340 PKP   57 00.00    2.2
LJU   140.48 329 e(PKP)56 57.00   -1.1
VOY   140.81 329 e(PKP)56 57.50   -1.3
WLF   141.21 339 PKP   56 59.80    0.6
DOU   141.34 341 PKP   57 03.70    4.2X
                 e     20 31.40
FIR   143.73 329 ePKP  57 01.00   -2.8
LOR   144.05 340 ePKP  57 04.40    0.1
LBF   144.26 339 ePKP  57 04.40   -0.3
SOB1  144.27 129 ePKP  57 03.00   -2.6
GRC   144.29 340 iPKPd 57 04.80    0.2
                 i     57 08.30
SSF   144.35 340 ePKP  57 04.60   -0.2
LPG   144.46 335 ePKP  57 04.80   -0.6
SMF   144.60 339 ePKP  57 04.00   -1.2
AVF   144.64 340 ePKP  57 04.10   -1.1
LPF   144.80 345 ePKP  57 04.40   -1.1
BGF   145.01 340 ePKP  57 05.80   -0.1
MZF   145.40 340 ePKP  57 07.00    0.4
TCF   145.45 340 ePKP  57 07.10    0.4
LSF   145.71 341 ePKP  57 07.60    0.5
CVF   145.80 330 ePKP  57 08.00    0.6
MFF   145.88 343 ePKP  57 08.20    0.8
FRF   146.06 333 ePKP  57 09.00    1.2
LRG   146.27 333 ePKP  57 09.70    1.6X
LMR   146.31 333 ePKP  57 09.70    1.5X
CDR   146.35 334 ePKPc 57 12.00    3.7X
ITR   146.39 132 ePKP  57 05.20   -4.0X
                 e     57 21.50
                 e     57 31.40
RJF   146.55 340 ePKP  57 10.50    2.0X
CAF   146.70 339 ePKP  57 11.20    2.4X
BNG   146.79 256 iPKPd 57 09.20   -0.7
       1.5s    271.00nm
                 id    57 12.00
                 ic    58 40.00
LFF   147.13 341 ePKP  57 12.00    2.6X
LPO   147.21 340 ePKP  57 12.40    2.8X
MLS   148.77 339 ePKP  57 16.30    4.1X
LGR   150.35 343 e(PKP)57 20.00    5.4X
                 i     57 35.00
STS   151.20 352 ePKP  57 18.00    2.2X
                 Sn    57 40.00
IFR   159.38 339 iPKP  57 26.00   -1.1

KIC   168.19 229 ePKP  57 34.00   -1.4
      S.D. = 1.3  on 104 of 146 obs.

   DEC 24, 1985  04h 42m 55.91± 0.50s
   42.218 N ± 4.5km    19.306 E ± 4.5km
   DEPTH =  10.0km  (geophysicist)
 YUGOSLAVIA                          (383)
      DUR 2.7 (TTG).

TTG      0.21 351 iPgd   43 00.80    0.3
                 iSg     43 05.50
ULC      0.26 189 iPgd   43 00.70   -0.7
                 iSg     43 05.30
BDV      0.36 281 iPg    43 03.50    0.1
PVY      0.62  52 ePg     43 07.70   -0.8
                 iSg     43 17.50
NKY      0.64 339 iPg    43 08.50   -0.3
                 iSg     43 18.60
HCY      0.64 291 iPgc   43 08.50   -0.3
                 iSg     43 18.50
IVA      0.79  34 ePg     43 11.20   -0.1
                 eSg     43 23.50
BRY      0.88 321 ePg    43 13.50    0.5
                 eSg     43 27.40
OHR      1.57 134 ePn    43 24.80    0.8
SKO      1.61  98 ePn    43 26.60    2.2X
VAY      2.60 109 ePn    43 39.00    0.3
      S.D. = 0.6  on  10 of  11 obs.

*  DEC 24, 1985  05h 14m 04.82± 1.47s
   40.553 N ±12.1km    25.516 E ±16.0km
   DEPTH =  10.0km  (geophysicist)
 AEGEAN SEA                          (365)

EZN      0.96 139 iPg    14 22.70   -0.3
                 iSg     14 37.10
PLD      1.67 339 iPc    14 34.00   -0.2
EDC      1.80  96 ePn    14 36.90    0.7
DMK      2.11  52 ePn    14 40.00   -0.7
PVL      2.60 354 eP     14 48.00    0.4
VTS      2.68 320 eP     14 53.00    4.2X
                 iSg     15 29.00
      S.D. = 0.8  on   5 of   6 obs.

   DEC 24, 1985  05h 18m 21.42± 0.78s
   46.173 N ± 5.3km     6.809 E ± 7.8km
   DEPTH =  10.0km  (geophysicist)
 SWITZERLAND                         (544)
      ML 3.0 (LDG).

EMS      0.13 141 ePd    18 24.70   -0.1
DIX      0.43 102 ePc    18 29.30   -1.0
LPG      0.68 183 Pg     18 35.60    0.5
MMK      0.81  98 ePd    18 36.70   -0.7
TMA      1.44  92 ePd    18 47.70    0.0
ROF      1.51   2 eP     18 47.40   -1.1
                 eSn     19 07.20
BSF      1.66 360 Pg     18 49.80   -1.0
       0.2s     16.00nm
                 Sg      19 10.50
LLS      1.66  64 ePc    18 51.10    0.2
MOF      1.69   7 eP     18 50.40   -0.9
                 eSn     19 11.60
ZUL      1.70  39 ePd    18 52.70    1.4
HAU      1.86 350 Pg     18 53.70    0.1
       0.2s     44.00nm
                 Sg      19 16.50
SLE      1.97  35 ePc    18 55.10   -0.1
SAX      2.05  57 ePc    18 58.00    1.4
SMF      2.11 284 Pg     18 59.50    2.3X
       0.2s     15.00nm
                 Sg      19 26.00
CDF      2.26   8 Pg     19 00.70    1.2
       0.2s      7.00nm
                 Sg      19 29.80
LOR      2.31 299 Pg     19 02.70    2.6X
       0.2s      7.00nm
                 Sg      19 31.30
OSS      2.36  76 ePc    19 03.90    2.9X
      S.D. = 0.9  on  14 of  17 obs.

*  DEC 24, 1985  05h 28m 34.18± 4.28s
   0.098 N ±21.9km  121.681 E ±25.3km
   DEPTH = 151.6 ± 42.3 km
   4.7mb (  3 obs.)
 MINAHASSA PENINSULA                 (265)

KNA      17.23 156 eP    32 27.80    0.6
WRA      23.46 149 eP    33 29.90   -1.3
ASPA     26.44 154 eP    33 58.00   -0.8
MRWA     29.65 190 eP    34 27.50   -0.1
       0.5s     11.00nm          4.8mb
STK      36.97 151 eP    35 30.00   -0.4
ADE      38.34 157 iPd   35 42.20    0.2
YOU      42.37 146 eP    36 15.30    0.2
CAN      43.48 147 iPc   36 24.00   -0.1
WAM      44.07 148 eP    36 30.50    1.7
PKI      44.24 311 eP    36 30.40   -0.2
KKN      44.45 311 eP    36 32.00   -0.2
DMN      44.48 311 eP    36 32.60    0.1
       0.6s      8.00nm          4.5mb
HYB      45.79 294 ePd   36 43.00    0.3
       1.0s     20.00nm          4.7mb
GNZ      64.34 134 P     38 58.50    2.6X
      S.D. = 0.8  on  13 of  14 obs.

*  DEC 24, 1985  07h 00m 58.46± 0.62s
   1.629 S ± 7.7km   134.501 E ± 9.8km
   DEPTH =  33.0km  (normol)
   4.3mb (  5 obs.)
 WEST IRIAN REGION                   (196)

TLE      4.35 204 ePd    02 04.80    0.9
       0.2s     15.50nm
AAI      6.62 252 ePd    02 35.60   -0.5
                 eS      03 54.20
SLKI     7.07 207 eP     02 52.80   10.5X
                 eS      03 55.20
TZZ      7.62 118 eP     02 50.00   -0.1
PMG     14.77 122 eP     04 22.00   -4.8X
KNA     15.13 202 iPd    04 29.00   -2.5
WB2     18.20 180 eP     05 07.00   -3.5X
                 e       05 09.20
                 ipP     05 17.00
                 eS      08 18.60
WRA     18.20 180 P      05 11.00    0.5
       0.4s      4.10nm          3.9mb
CTA     21.65 149 iPd    05 48.50    0.3
       1.0s     14.50nm          4.4mb
                 iS      09 54.00
ASPA    21.92 181 eP     05 51.00    0.1
       1.0s     66.00nm          5.0mb
MBL     24.11 215 eP     06 13.00    0.7
WBN     25.53 197 eP     06 27.00    1.1
NAU     27.81 220 eP     06 47.00    0.2
BRS     31.03 147 P      07 15.00   -0.6
XAN     42.86 328 eP     08 55.60    0.1
BJI     44.73 340 eP     09 08.00   -2.4
HHC     47.16 336 eP     09 31.40    1.6
GTA     51.76 326 eP     10 06.20    0.9
GBA     58.55 287 P      11 00.00    5.4X
       0.8s      3.00nm          4.4mb
SPA     88.38 180 eP     13 48.00   -0.3
       1.0s      1.50nm          4.3mb
TPZ    149.71 140 ePKP   20 48.00    5.1X
CNCB   151.23 130 ePKP   20 51.00    5.4X
                 i       21 01.90
LPB    151.31 130 ePKP   20 54.00    8.5X
                 i       21 02.00
ZOBO   151.44 129 ePKP   20 53.50    7.6X
       1.0s      7.50nm
      S.D. = 1.2  on  16 of  24 obs.

*  DEC 24, 1985  07h 07m 16.72± 1.73s
   32.511 S ± 5.7km    71.773 W ±16.6km
   DEPTH =  33.0km  (normol)
 NEAR COAST OF CENTRAL CHILE         (135)

ROCH     0.79 126 iPd    07 30.70   -0.9
                 iS      07 44.50
JACH     1.01 100 iPc    07 33.30   -1.4
PEL      1.11 125 iPd    07 35.90   -0.2
                 iS      07 53.00
SAN      1.32 135 iP     07 39.30    0.2
                 iS      08 01.50
TACH     1.34 149 iP     07 39.50    0.2
                 iS      08 01.10
BACH     1.37 128 iPc    07 39.80    0.1
                 i       08 01.80
LNV      1.47 168 iPd    07 40.10   -1.1
                 i       07 43.10
FCH      1.49 124 iP     07 41.50   -0.3
                 iS      08 03.30
PCH      1.53 137 iPc    07 43.00    0.9
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24d 07h

			iS	08	07.40	
CHCH	1.70	147	iPc	07	45.20	0.6
RTCB	2.73	69	ePd	08	00.40	1.2
ZON	2.80	71	eP	08	01.00	0.8
			eS	08	46.00	
RTCV	2.82	78	ePd	08	00.80	0.3
RTLL	3.05	68	ePd	08	02.60	-1.2
CFA	3.13	74	ePc	08	04.10	-0.9
RFA	3.56	130	ePc	08	12.30	1.2
VCA	4.86	40	eP	08	30.40	0.9
			S	09	29.00	
SLA	9.51	37	e(P)	09	34.00	-0.6

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

% DEC 24, 1985 07h 18m 38.48± 0.82s
40.831 N ± 6.3km 28.182 E ± 7.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EDC	0.54	207	iPg	18	49.40	0.0
			iSg	18	57.90	
KCT	0.60	167	iPg	18	50.60	0.1
ISK	0.70	70	iPg	18	52.50	0.1
			iSg	19	02.50	
DMK	1.04	342	iPg	18	58.10	0.0
			iSg	19	11.80	
HRT	1.13	90	iPn	18	59.50	-0.1

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

DEC 24, 1985 07h 32m 19.69± 0.65s
50.265 N ± 6.6km 12.430 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.4 (GRF).

MOX	0.65	307	ePg	32	32.50	-0.1
			eSg	32	41.50	
GRF	0.97	234	ePg	32	38.30	0.2
			eSg	32	51.00	
			eLg	32	53.20	
CLL	1.11	19	iPg	32	40.40	-0.1
			iSg	32	55.60	
BRG	1.14	57	iPg	32	41.30	0.2
			iSg	32	56.00	
KHC	1.36	146	Pg	32	44.50	-0.2
			Sg	33	01.80	
PRU	1.39	101	ePg	32	45.00	0.0
			eSg	33	03.00	

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

DEC 24, 1985 07h 41m 45.01± 0.32s
62.034 N ± 4.3km 123.837 W ± 5.8km
DEPTH = 10.0km (geophysicist)
4.7mb (15 obs.)
NORTHWEST TERRITORIES, CANADA (679)

FST1	1.25	100	Pg	42	12.00	3.9X
RSNT	4.35	80	iP	42	50.50	-2.0
YKC	4.40	80	eP	42	55.50	2.2X
DWY	7.37	293	P	43	31.00	-4.2X
			e	44	01.00	
			S	45	21.00	
			Lg	47	21.00	
INK	7.49	331	eP	43	33.00	-3.8X
SIT	7.67	235	ePc	43	36.20	-3.2X
YAH	8.00	267	eP	43	54.80	-0.6
EDM	10.46	143	eP	44	14.80	-3.2X
TOA	10.47	280	eP	44	22.20	4.1X
FBA	11.06	295	eP	44	25.80	-0.4
PHC	11.53	192	eP	44	32.00	-0.5
PME	11.89	279	eP	44	37.00	-0.3
	0.8s		13.70nm			5.3mb
PNT	12.96	168	eP	44	49.00	-2.8X
FFC	13.55	113	eP	44	55.00	-4.5X
SES	13.63	143	eP	44	57.00	-3.6X
YKM	13.97	157	eP	45	00.00	-5.1X
			iS	49	25.30	
RXF	14.07	156	eP	45	03.30	-3.2X
			eS	49	28.70	
NEW	14.31	162	eP	45	07.00	-2.6X
MBC	14.36	4	eP	45	06.00	-4.0X
LDM	14.43	157	eP	45	08.30	-2.8X
			iS	49	29.50	
LHD	14.58	159	eP	45	10.70	-2.4X
			eS	49	30.00	
CLX	14.70	156	eP	45	11.90	-2.9X
			iS	49	31.30	
TTA	14.82	288	eP	45	19.00	2.9X
RSON	19.85	110	eP	46	16.80	-1.8
	0.8s		49.30nm			4.9mb
BDW	21.07	150	eP	46	32.00	0.4
	1.1s		32.94nm			4.6mb
WDC	21.50	177	ePc	46	35.10	-0.6
MIN	21.76	175	eP	46	38.70	0.2
BMN	22.00	166	iP	46	42.00	1.1
ORV	22.55	175	eP	46	46.80	0.6
EUR	23.09	164	iP	46	53.60	1.9
	0.8s		3.69nm			4.0mb
LHC	23.61	109	eP	47	03.00	6.6X
MNA	23.89	169	eP	47	01.60	2.2X
JAS1	24.23	173	eP	47	01.60	-0.9
FRB	24.59	61	eP	47	07.00	1.2
MHC	24.76	176	eP	47	06.60	-1.2
GOL	25.03	145	eP	47	13.00	2.4X
	1.0s		12.50nm			4.6mb
GCC	25.06	177	eP	47	08.40	-2.1
FRI	25.20	172	eP	47	12.20	0.3
ALE	25.33	16	eP	47	14.00	1.2
LLA	25.51	175	eP	47	13.30	-1.5
PRI	25.99	174	eP	47	20.60	1.1
ISA	26.61	170	eP	47	30.00	4.9X
GSC	27.12	167	eP	47	34.00	4.2X
MWC	28.07	170	eP	47	40.00	1.4
TPC	28.39	166	eP	47	42.00	0.8
ALQ	29.26	150	eP	47	50.50	1.3
	1.0s		10.50nm			4.6mb
ACO	29.66	137	eP	47	52.70	0.1
BAR	29.73	168	eP	47	57.00	3.7X
TUL	31.49	133	eP	48	07.70	-1.0
	1.0s		5.90nm			4.5mb
	Z 17s		1.87um			4.8MszX
RLO	31.53	132	eP	48	08.80	-0.3
BHO	33.19	133	eP	48	23.80	0.2
JCT	35.24	142	eP	48	41.10	-0.2
	1.1s		12.66nm			4.7mb
LTX	35.29	149	eP	48	43.00	1.1
	1.0s		5.00nm			4.3mb
KEV	46.89	13	eP	50	28.00	11.6X
SOD	49.12	15	iP	50	33.40	-0.4
KJF	52.30	15	iP	50	59.00	0.9
	0.9s		16.90nm			5.0mb
NB2	52.55	26	P	50	59.80	-0.3
	1.1s		11.20nm			4.7mb
SUF	53.52	17	iP	51	06.40	-0.7
	0.6s		4.70nm			4.6mb
HFS	53.88	25	eP	51	09.80	0.0
	0.8s		5.40nm			4.6mb
NUR	55.42	18	iP	51	20.90	-0.2
BRG	62.54	29	eP	52	15.00	4.3X
			eSg	19	40.60	
KHC	64.09	30	iPd	52	22.00	1.1
	1.1s		13.50nm			5.0mb
KRA	64.59	25	eP	52	24.70	0.6
KBA	65.95	31	iPd	52	32.90	-0.3
	1.0s		14.80nm			5.1mb
			i	52	37.80	
TPZ	95.10	127	eP	55	12.00	2.5X
SPA	151.87	180	ePKP	01	27.50	-5.7X
	1.0s		2.00nm			

S.D. = 1.0 on 38 of 66 obs.

• DEC 24, 1985 08h 02m 17.56± 0.93s
17.363 S ± 9.7km 70.692 W ± 8.5km
DEPTH = 33.0km (normol)
NEAR COAST OF PERU (115)

ARE	1.18	319	iPd	02	38.00	-0.1
			iS	02	56.50	
LPB	2.62	72	P	02	59.10	0.3
CNCB	2.65	78	iP	02	59.00	-0.4
			(S)	03	50.00	
ZOBO	2.69	67	iPc	03	00.40	0.4
	0.5s		19.48nm			
			i	03	15.00	
CCH	4.34	91	eP	03	23.00	-0.3
CAC	5.33	163	iPc	03	37.20	0.1
TPZ	6.22	132	eP	03	41.00	-8.9X

S.D. = 0.4 on 6 of 7 obs.

? DEC 24, 1985 09h 35m 55.66± 2.79s
12.104 S ±28.3km 166.094 E ±33.5km
DEPTH = 33.0km (normol)
4.0mb (1 obs.)
SANTA CRUZ ISLANDS (184)

HNR	6.60	293	eP	37	32.00	-0.9
			eS	37	39.00	
SVO	6.83	295	eP	37	38.00	1.8
VSG	6.88	294	eP	37	36.00	-0.9
			eS	37	45.00	
CTA	20.63	245	iPd	40	41.30	6.2X
	0.9s		7.14nm			4.0mb
RMO	21.70	226	eP	40	46.00	0.1
KRP	27.06	163	eP	41	37.00	-0.1
STK	29.93	225	eP	42	03.00	0.0
WRA	31.46	252	eP	42	22.80	6.2X
BNG	147.02	259	ePKPc	55	47.90	12.3X
	1.1s		6.00nm			
			id	55	58.10	

S.D. = 1.3 on 6 of 9 obs.

DEC 24, 1985 10h 52m 05.21± 0.57s
67.708 N ± 7.8km 18.637 W ± 6.8km
DEPTH = 10.0km (geophysicist)
4.6mb (11 obs.)
ICELAND REGION (637)

AKU	2.04	174	iPd	52	39.00	-1.0
	1.2s		718.75nm			
			iS	53	15.90	
REY	3.83	202	iPd	53	05.00	-0.4
			eS	54	01.40	
DAG	9.11	360	iPd	54	18.20	-1.3X
	0.7s		6.16nm			5.1mb X
EKA	14.38	142	P	55	38.00	7.5X
	1.5s		29.70nm			4.7mb X
NB2	14.41	103	P	55	36.80	5.8X
	0.8s		6.30nm			4.3mb
HFS	15.93	103	eP	55	54.80	4.2X
	0.9s		42.10nm			4.6mb
KEV	16.38	62	eP	55	57.00	0.7
SOD	17.01	70	iP	56	04.90	0.6
KJF	18.85	79	iP	56	24.80	-2.2
	0.8s		33.70nm			4.6mb
SUF	19.07	84	eP	56	29.00	-0.6
NUR	19.83	90	iP	56	36.80	-1.6
	0.6s		14.30nm			4.5mb
	Z 24s		0.50um			4.4MszX
			i	56	42.30	
			LR	03	00.00	
FRB	20.42	283	eP	56	44.00	-0.5
MEM	21.03	132	P	56	55.30	4.3X
WLF	21.92	133	P	57	01.50	1.5
CLL	22.56	121	iPc	57	16.10	9.7X
	1.7s		50.00nm			4.7mb
MOX	22.69	124	eP	57	07.00	-0.6
	1.9s		76.00nm			4.9mb
BRG	23.24	120	eP	57	13.20	0.1
	1.5s		25.00nm			4.5mb
GRF	23.40	125	eP	57	16.30	1.7
	Z 17s		0.50um			4.0MszX
LBF	23.81	139	eP	57	17.20	-1.5
BGF	23.94	141	eP	57	22.60	2.8X
	0.8s		10.70nm			4.5mb
KSP	24.06	117	ePd	57	20.50	-0.4
SMF	24.10	140	eP	57	21.40	0.0
MZF	24.20	142	eP	57	24.00	1.6
	1.0s		14.00nm			4.5mb
PRU	24.20	120	eP	57	22.50	0.2
KHC	24.63	123	iPc	57	27.50	0.9
			e	57	32.00	
KRA	25.98	113	eP	57	40.30	1.1
KBA	26.37	125	eP	57	43.00	-0.1
INK	37.02	326	eP	59	17.00	0.9
JCT	58.86	275	eP	02	06.00	-0.1
	1.0s		6.50nm			4.7mb
BNG	68.03	139	iPc	03	06.20	-0.4
	1.1s		14.00nm			5.1mb

S.D. = 1.1 on 23 of 30 obs.

DEC 24, 1985 12h 03m 37.34± 0.54s
50.267 N ± 5.2km 12.438 E ± 5.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.2 (FUR), 3.3 (GRF), 3.4 (KBA).

HOF	0.36	278	iPgd	03	44.50	-0.3
MOX	0.65	306	iPg	03	50.50	0.2
			iSg	03	59.00	
GRF	0.97	234	iPgc	03	55.60	-0.3
			eSg	04	08.00	

			eLg	04	10.00	
CLL	1.10	19	iPg	03	58.30	0.3
			iSg	04	13.70	
BRG	1.14	57	iPgc	03	59.00	0.4
			iSg	04	13.80	
WET	1.16	166	iPg	04	00.20	1.2
KHC	1.36	147	iPg	04	01.50	-0.8
			iSg	04	19.30	
PRU	1.38	101	Pn	04	01.70	-0.9
			Pg	04	02.50	
			Sg	04	20.50	
FUR	2.24	200	iPgc	04	20.80	5.8X
TNS	2.56	271	ePb	04	21.00	1.4X
			eSg	04	57.00	
VKA	3.24	127	ePg	04	36.50	7.3X
			iSg	05	21.30	
KBA	3.25	169	iPnc	04	29.80	0.3
			i	05	18.50	
			iSg	05	19.70	
			i	05	20.80	
CDF	3.85	243	Pg	04	48.30	10.3X
	0.3s		22.00nm			
			Sg	05	37.50	
VOY	4.35	167	e(Pn)	04	14.80	-30.3X
			e	05	33.60	
			e	05	56.30	
BSF	4.44	239	Pg	04	58.80	12.5X
	0.4s		25.00nm			
			Sg	05	55.00	
HAU	4.59	243	Pg	05	02.30	13.9X
	0.3s		20.00nm			
			Sg	06	01.50	

S.D. = 0.7 on 9 of 16 obs.

DEC 24, 1985 12h 10m 59.30± 0.33s
42.294 N ± 4.4km 19.857 E ± 3.0km
DEPTH = 10.0km (geophysicist)
3.4mb (1 obs.)
YUGOSLAVIA (383)
DUR 3.5 (TTG).

PVY	0.31	16	iPgc	11	04.80	-1.1
			iSg	11	10.00	
TTG	0.46	287	iPgc	11	08.00	-0.7
			iSg	11	17.00	
ULC	0.56	234	iPg	11	11.00	0.3
			iSg	11	20.40	
IVA	0.58	3	ePg	11	10.00	-1.1
			eSg	11	19.00	
BDV	0.76	270	ePg	11	14.60	0.4
			iSg	11	28.20	
NKY	0.82	310	ePg	11	14.40	-0.8
			eSg	11	28.50	
HCY	1.02	279	iPg	11	19.00	0.4
			eSg	11	34.50	
BRY	1.14	302	ePg	11	20.00	-0.8
			eSg	11	38.50	
SKO	1.22	105	iPn	11	20.40	-1.6
			i	11	21.00	
			i	11	22.40	
			iSn	11	38.50	
GRG	2.33	124	ePc	11	38.40	0.1
VTS	2.49	82	eP	11	40.00	-0.5
			iSg	12	19.00	
KNT	2.54	115	eP	11	41.10	-0.2
			eS	12	05.30	
THE	2.87	124	eP	11	45.70	-0.1
LIT	2.96	137	ePd	11	47.50	0.3
			eS	12	11.70	
MMB	2.97	102	iPd	11	48.00	0.6
SOH	3.01	118	eP	11	47.90	0.0
			eS	12	17.70	
SRS	3.03	112	eP	11	48.10	-0.1
			eS	12	19.50	
PLD	3.61	91	eP	12	09.00	12.6X
PVL	4.01	76	eP	12	07.00	5.0X
DEV	4.21	30	ePd	12	22.00	17.2X
DIM	4.26	91	ePg	12	18.00	12.3X
			eSg	13	21.00	
CEY	5.21	313	iPn	12	21.70	2.5X
	1.8s		900.00nm		6.1mb X	
			e(Sn)	13	22.40	
			eSg	13	47.40	
LJU	5.36	316	ePn	12	23.50	2.3X
	1.8s		1880.00nm		6.4mb X	
			i	12	26.20	
			eSn	13	21.80	
			e	13	30.00	
			eSg	13	56.80	
MLR	5.44	52	ePc	12	23.00	0.5
TRI	5.56	310	ePn	12	24.50	0.4
			iSn	13	31.00	
			i	14	08.40	
SRO	5.63	349	eP	12	25.10	0.1
			e	13	38.70	
VOY	5.69	313	ePn	12	27.30	1.3
			e	12	37.00	
			eSn	13	36.10	
			eSg	14	15.00	
VRI	6.10	52	ePd	12	33.50	1.8
ZST	6.21	343	e(P)	12	42.10	8.9X
			i	14	26.40	
TLB	6.38	66	eP	12	36.00	0.4
KBA	6.66	318	iPnd	12	41.80	2.0
			i(Sn)	14	02.10	
			i	14	44.50	
KHC	8.12	329	eP	13	02.00	1.9
			e	14	35.00	
			e	15	20.50	
PRU	8.53	336	eP	13	55.00	49.3X
			e	14	15.00	
			e	15	06.00	
			e	15	56.50	
GRC1	8.88	322	eP	13	11.20	0.6
			e(S)	14	53.00	
GRF	9.53	324	eP	13	11.20	-8.2X
			e(S)	14	53.00	
SMF	12.24	296	eP	13	56.00	-0.5
	0.6s		3.60nm		4.8mb X	
LBF	12.24	298	eP	13	55.50	-1.1
	0.8s		4.00nm		4.7mb X	
LOR	12.40	299	eP	13	57.40	-1.3
SSF	12.57	298	eP	14	00.30	-0.6
BGF	12.88	295	eP	14	01.50	-3.6X
NB2	19.49	347	P	15	28.30	-0.9
	0.7s		1.60nm		3.4mb	

S.D. = 1.0 on 31 of 41 obs.

DEC 24, 1985 14h 42m 49.09± 0.62s
23.824 N ± 4.2km 122.381 E ± 5.0km
DEPTH = 44.5 ± 5.6 km
4.9mb (11 obs.)
TAIWAN REGION (243)

TWD	0.76	290	iPd	43	02.50	-1.1
TWF1	1.10	245	iPd	43	07.60	-0.7
TATO	1.41	325	iP	43	13.20	0.6
TWZ	1.46	330	iPd	43	14.80	1.4
TWG	1.56	231	iPd	43	14.00	-0.9
ANP	1.57	330	ePd	43	15.70	0.7
			eS	43	40.00	
ISI	1.71	72	Pc	43	17.30	0.4
			iS	43	26.30	
MYK	2.81	70	eP	43	40.00	7.3X
			eS	44	11.00	
QZH	3.63	289	Pn	43	43.30	-0.9
			Sn	44	24.30	
SSE	7.32	352	eP	44	33.00	-3.1X
			Lg	46	24.90	
HKC	7.71	260	eP	44	41.70	0.1
GZH	8.33	267	eP	44	45.00	-5.2X
			S	46	17.50	
NJ2	8.77	340	Pd	44	53.20	-3.0
			S	46	28.60	
MAN	9.20	188	eP	45	02.00	-0.2
WHN	9.79	315	eP	45	12.50	2.2
			S	47	06.00	
			Lg	47	55.20	
			e	48	09.50	
GYA	14.48	284	P	46	15.00	1.9
XAN	15.55	314	eP	46	25.00	-2.0
			eLg	50	43.60	
			e	51	09.50	
TIY	16.25	331	eP	46	38.00	2.1
BJI	17.00	344	eP	46	45.50	0.4
			eLg	51	53.00	
KMI	17.93	278	eP	46	58.00	0.9
CD2	17.97	297	eP	46	56.30	-1.1
			S	50	14.00	
SNY	17.98	3	eP	46	56.60	-0.7
			eS	50	16.00	
MAT	18.62	43	(P)	47	06.00	0.8
	Z 20s		1.24um			
			eS	50	30.00	
HHC	19.25	334	P	47	12.80	0.0
BTO	19.69	331	eP	47	17.00	-0.6
CN2	20.09	6	Pd	47	18.10	-3.5X
			eS	48	58.00	
LZH	20.14	312	P	47	23.00	0.6
LOE	20.35	256	eP	47	25.00	0.5
MDJ	21.56	14	eP	47	32.60	-4.8X
PCT	21.76	249	eP	47	42.00	3.2X
CHG	22.38	262	iPc	47	48.40	3.4X
	0.8s		11.94nm		4.4mb	
GTA	24.62	314	Pd	48	06.20	-0.5
IPM	28.11	230	ePd	48	39.20	0.2
LSA	28.44	289	eP	48	41.90	-0.5
KSI	33.41	218	eP	49	32.50	6.7X
WMO	34.69	314	Pd	49	37.00	0.2
KNA	39.82	170	eP	50	19.00	-0.9
NDI	40.61	287	eP	50	20.00	-6.4X
	1.0s		15.00nm		4.7mb	
HYB	41.39	270	eP	50	46.00	13.1X
WRA	45.04	164	Pc	51	02.20	-0.2
	1.0s		14.30nm		4.8mb	
POO	45.39	273	eP	51	06.50	1.1
ASPA	48.51	166	eP	51	30.00	0.3
CTA	49.46	150	iPc	51	37.60	0.6
	1.2s		20.31nm		5.0mb	
			iS	58	54.00	
ADE	60.48	165	iPc	52	57.50	0.7
IR2	61.97	299	eP	53	08.00	0.8
COL	68.62	27	eP	53	49.00	-0.4
SOD	70.44	336	eP	54	01.00	0.6
KJF	70.82	332	eP	54	02.00	-0.7
	0.6s		10.40nm		5.0mb	
SUF	71.90	331	iP	54	08.50	-0.7
INK	73.15	22	eP	54	15.00	-1.5
NUR	73.26	329	eP	54	32.00	14.8X
HFS	78.41	331	eP	54	45.20	-1.2
	0.6s		3.40nm		4.5mb	
	Z 15s		2.03um		5.6MszX	
			LR	31	15.00	
NB2	79.05	332	P	54	48.80	-1.1
	0.8s		4.40nm		4.5mb	
GNZ	81.09	139	P	55	01.30	0.3
VAY	81.57	311	eP	55	03.70	0.1
PRU	82.78	322	eP	55	10.00	0.2
YKC	82.93	23	eP	55	09.50	-0.8
	1.0s		15.00nm		5.0mb	
KHC	83.74	321	P	55	15.00	0.2
KBA	84.89	320	e(P)	55	20.50	-0.3
EDM	89.38	30	iPc	55	42.50	0.2
LPG	89.60	321	eP	55	44.50	0.7
	0.9s		8.80nm		5.1mb	
LBF	90.32	323	eP	55	45.50	-1.3
	0.9s		7.20nm		5.0mb	
SSF	90.53	323	eP	55	44.30	-3.4X
SMF	90.59	323	eP	55	48.20	0.2
	1.0s		14.00nm		5.3mb	
NEW	90.67	35	eP	55	49.00	0.6
RTCB	167.50	130	iPKPd	03	37.10	15.4X
ZOBO	167.60	55	PKP	02	54.00	1.3

S.D. = 1.0 on 54 of 67 obs.

* DEC 24, 1985 14h 44m 27.85± 1.03s
63.878 N ± 7.6km 151.934 W ±14.6km
DEPTH = 33.0km (normal)
CENTRAL ALASKA (1)
ML 3.3 (PMR). Felt (III) at Loke Minchumina.

TTA	2.07	244	eP	45	08.10	7.1X
FBA	2.07	58	eP	45	01.30	0.3
IMA	2.32	342	eP	45	04.50	-0.1
PWA	2.43	156	eP	45	06.80	0.8
PME	2.62	148	eP	45	08.40	-0.4
PMS	2.86	156	ePc	45	12.10	-0.1
TOA	3.17	122	ePc	45	16.20	-0.5

S.D. = 0.6 on 6 of 7 obs.

* DEC 24, 1985 14h 48m 22.90± 3.42s
23.745 N ± 9.2km 122.503 E ±29.1km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWD	0.89	292	eP	48	40.00	0.0
TWC	1.05	325	iPc	48	42.50	-0.1
			eS	48	56.00	
TWF1	1.17	251	iP	48	45.00	0.2
TATO	1.53	323	eP	48	50.50	0.2

24d 14h

TWG 1.61 235 iPc 48 51.50 0.1
eS 49 12.00
TWM1 2.12 245 eP 48 58.50 -0.3
S.D. = 0.3 on 6 of 6 obs.

• DEC 24, 1985 14h 53m 53.21± 0.87s
9.345 S ±11.1km 122.934 E ±11.0km
DEPTH = 33.0km (normal)
4.4mb (4 obs.)
SAVU SEA (288)

KHKI 7.30 277 eP 55 42.10 1.7
e 01 41.00
AAI 7.67 43 eP 56 00.80 15.3X
KNA 8.54 139 eP 55 58.50 0.9
TLE 10.40 70 ePd 56 31.40 8.1X
MBL 12.12 194 eP 56 45.00 -1.6
eS 58 45.00
NAU 14.94 208 eP 57 22.00 -1.7
WRA 15.25 135 Pd 57 26.70 -1.2
0.7s 6.30nm 4.0mb
WB2 15.26 135 eP• 57 26.90 -1.1
eS 00 06.90
WBN 17.06 169 eP 57 52.00 1.1
0.6s 17.00nm 4.4mb
MEK 17.67 193 eP 58 00.00 1.4
eS 01 00.00
ASPA 17.69 145 eP 58 00.00 1.2
MRWA 20.81 197 eP 58 34.00 -0.4
0.6s 13.00nm 4.5mb
eS 02 11.00
CTA 24.92 118 eP 59 29.00 14.0X
1.0s 5.50nm
BRS 33.39 126 iP 00 34.80 3.8X
GBA 50.59 296 P 02 50.00 -1.2
PKI 51.64 316 eP 02 59.20 -0.3
KKN 51.87 317 eP 03 00.80 -0.3
SPA 80.72 180 ePd 06 06.00 1.5
0.6s 3.91nm 4.5mb
S.D. = 1.4 on 14 of 18 obs.

DEC 24, 1985 15h 02m 02.89± 1.24s
3.674 N ± 4.1km 126.619 E ± 6.0km
DEPTH = 58.4 ± 11.7 km
5.1mb (16 obs.) 4.8Msz (1 obs.)
TALAUD ISLANDS (263)

AAI 7.48 168 eP 03 52.00 0.2
KKM 10.63 283 iPc 04 37.20 2.0
TLE 11.09 146 ePd 04 41.90 0.6
MAN 12.21 334 eP 05 01.20 4.9X
KHKI 16.24 223 eP 05 51.00 2.3
e 08 51.50
KNA 19.41 174 eP 06 25.00 -2.3
GZH 23.18 328 iPc 07 05.50 0.2
KGM 23.33 267 eP 07 05.50 -1.3
WRA 24.67 162 Pc 07 18.30 -1.4
0.8s 150.80nm 5.5mb
WB2 24.67 162 iPc 07 18.10 -1.7
i 07 40.20
eS 11 30.70
KSI 25.08 253 ePd 07 28.00 4.3X
IPM 25.34 273 ePc 07 28.60 0.5
MBL 25.56 195 eP 07 28.00 -0.1
SSE 27.75 350 eP 07 49.00 0.9
N 24s 0.60um
S 12 36.00
LOE 27.96 301 eP 07 49.00 -1.1
e 29 36.00
ASPA 28.09 166 eP 07 50.00 -1.2
NAU 28.23 202 eP 07 53.00 0.5
WHN 29.13 338 P 08 00.00 -0.5
NJ2 29.16 346 Pd 08 01.20 0.5
WBN 29.64 180 iPc 08 04.70 -0.4
0.4s 11.00nm 4.9mb
GYA 29.64 322 P 08 05.00 -0.3
CMG 30.96 301 iPd 08 17.20 0.3
0.8s 17.16nm 4.8mb
MEK 31.10 194 eP 08 17.40 -0.7
TIA 33.54 346 eP 08 39.00 -0.2
MRWA 34.26 197 eP 08 44.40 -1.0
MAT 34.41 17 (P) 08 45.00 -1.7
(S) 14 04.00
XAN 34.42 333 iPc 08 45.50 -1.3
TIY 36.28 341 Pc 09 02.20 -0.5
MUN 36.91 195 iPc 09 06.90 -0.1
BJI 37.41 347 eP 09 12.50 0.5

NWAO 37.47 193 eP 09 13.00 0.4
SNY 38.08 356 Pc 09 18.60 1.0
STK 38.12 159 iPc 09 17.60 -0.4
0.6s 31.00nm 5.4mb
e 11 33.00
LZH 38.49 330 P 09 21.20 -0.2
RKG 38.62 193 eP 09 27.50 5.3X
HHC 39.42 342 iPc 09 29.60 0.7
BTO 39.69 340 eP 09 30.50 -0.7
BRS 39.88 142 P 09 31.10 -1.7
CN2 39.97 359 Pc 09 32.80 -0.5
ADE 40.08 165 iPd 09 34.50 0.1
0.8s 23.88nm 5.1mb
MDJ 40.86 3 iPc 09 41.50 0.9
COO 41.75 146 eP 09 48.00 -0.1
LSA 42.39 312 eP 09 52.90 -1.1
YOU 42.96 153 eP 09 58.20 0.2
GTA 43.09 329 Pc 09 59.00 -0.1
CAN 44.11 153 eP 10 08.00 0.7
TOO 44.63 159 eP 10 13.00 1.6
WAM 44.79 154 eP 10 13.50 0.8
PKI 45.91 305 eP 10 22.00 -0.1
0.6s 13.00nm 5.0mb
KKN 46.10 306 eP 10 23.40 -0.1
0.6s 18.00nm 5.2mb
DMN 46.17 305 eP 10 24.20 0.1
0.8s 19.00nm 5.1mb
DZM 46.59 125 iPc 10 27.00 -0.3
NOU 46.71 125 iPd 10 28.50 0.4
HYB 49.03 290 iPd 10 46.00 -0.3
1.0s 20.00nm 5.1mb
GBA 49.52 285 P 10 49.70 -0.4
WMQ 52.71 325 P 11 13.60 -0.3
NDI 53.06 303 iPd 11 14.90 -1.7
1.0s 35.00nm 5.3mb
POO 53.63 290 iP 11 20.20 -0.8
MSZ 60.63 147 P 12 10.60 0.6
KRP 61.34 137 P 12 15.90 0.9
GNZ 63.39 137 P 12 28.20 -0.4
IR2 76.27 306 eP 13 48.00 0.5
COL 84.82 25 eP 14 34.00 2.0
KEV 89.91 340 eP 14 56.00 -0.5
INK 90.26 21 eP 14 59.00 0.8
SOD 90.48 338 iP 14 58.90 -0.3
KJF 90.59 334 eP 15 00.00 0.2
0.6s 20.90nm 5.7mb
SUF 91.55 333 iP 15 04.20 0.0
0.7s 7.90nm 5.2mb
NUR 92.70 331 iP 15 13.20 3.7X
Z 18s 0.30um 4.8Msz
LR 29 40.00
SPA 93.65 180 ePd 15 15.80 1.8
VRI 94.26 316 eP 15 12.00 -5.1X
IKZ 94.54 260 iP 15 20.30 1.2
MLR 94.86 316 eP 15 20.00 0.0
HFS 98.02 332 eP 15 33.20 -0.6
0.7s 2.70nm 4.9mb
BUL 98.76 250 iPd 15 38.50 0.4
0.9s 3.78nm 4.9mb
NB2 98.79 334 P 15 36.80 -0.6
0.8s 4.70nm 5.1mb
LSZ 99.08 255 iPc 15 40.00 0.4
0.8s 12.00nm 5.5mb
KIC 130.42 281 ePKP 21 11.30 1.7
ZOBO 160.85 132 PKPc 22 02.00 3.1
ITR 164.30 251 e(PKP) 22 13.00 11.3X
S.D. = 1.0 on 74 of 80 obs.

• DEC 24, 1985 15h 22m 24.73± 0.54s
28.136 N ±11.3km 140.929 E ±10.9km
DEPTH = 33.0km (normal)
5.3mb (4 obs.)
BONIN ISLANDS REGION (212)
Felt (I JMA) on Chichi-shima.

CBI 1.52 133 eP 22 50.00 0.1
eS 23 09.00
MAT 8.69 345 (P) 24 05.00 -26.2X
NJ2 19.49 287 Pc 26 53.20 1.3
TIA 21.66 298 Pc 27 14.90 0.5
WHN 23.28 282 eP 27 31.50 1.2
BJI 23.61 307 eP 27 32.50 -0.9
eS 31 50.00
TIY 25.67 299 Pc 27 54.00 0.6
HHC 27.19 305 eP 28 07.00 -0.3
XAN 27.96 290 Pc 28 14.00 -0.4
BTO 28.23 304 eP 28 16.00 -0.8

GYA 30.44 275 P 28 36.20 -0.5
KMI 34.18 274 eP 29 09.00 -0.5
GTA 35.70 299 P 29 20.70 -1.5
LSA 43.33 284 eP 30 26.00 0.0
WMQ 45.07 305 Pd 30 39.60 0.2
CTA 48.22 173 iPd 31 04.30 0.0
WRA 48.22 188 iPc 31 03.70 -0.6
PKI 48.72 283 eP 31 09.00 0.4
1.1s 34.00nm 5.3mb
KKN 48.77 283 eP 31 09.60 0.7
1.1s 64.00nm 5.6mb
DMN 48.97 283 eP 31 11.00 0.6
0.8s 17.00nm 5.1mb
NDI 55.41 287 iPc 31 57.50 -0.8
1.0s 30.00nm 5.3mb
HYB 57.96 274 eP 32 16.50 -0.2
GBA 60.47 270 P 32 34.50 0.5
YOU 62.47 173 eP 32 46.70 -0.4
INK 62.55 25 eP 32 50.00 2.7X
CAN 63.57 173 eP 32 53.90 -0.5
WAM 64.42 173 eP 33 00.00 0.2
SUF 75.77 334 eP 34 08.00 -0.7
ZOBO 150.70 72 PKP 42 12.50 1.8
Z 25s 0.15um 4.7MszX
LR 15 20.00
CCH 152.90 73 PKP 42 05.80 -7.7X
S.D. = 0.8 on 27 of 30 obs.

• DEC 24, 1985 15h 42m 08.96± 1.10s
14.071 S ±11.9km 166.499 E ±16.6km
DEPTH = 33.0km (normal)
4.1mb (3 obs.)
VANUATU ISLANDS (186)

HNR 7.90 305 eP 44 03.00 -1.4
DZM 7.96 180 iPc 44 04.60 -0.7
SVO 8.17 306 eP 44 10.00 1.8
VSG 8.19 305 eP 44 07.00 -1.6
NOU 8.19 180 iPc 44 08.50 0.0
CTA 20.25 250 iPc 46 44.30 -0.1
0.9s 7.56nm 4.0mb
RMQ 20.70 231 eP 46 49.00 0.0
KRP 25.08 163 eP 47 32.00 0.0
WRA 31.27 255 Pd 48 29.70 1.5
0.8s 1.80nm 3.9mb
SPA 76.02 180 eP 53 54.20 -0.4
1.0s 4.00nm 4.4mb
ITR 146.44 131 ePKP 01 47.40 -0.5
BNG 147.00 256 iPKPc 01 50.40 1.6
0.7s 6.00nm
id 02 16.30
S.D. = 1.2 on 12 of 12 obs.

? DEC 24, 1985 15h 44m 52.20± 1.25s
28.734 S ±15.4km 67.537 W ±17.8km
DEPTH = 150.0km (geophysicist)
LA RIOJA PROVINCE, ARGENTINA (138)

VCA 0.58 269 ePd 45 14.00 -0.4
S 45 28.00
CYA 1.56 80 iPc 45 23.00 0.2
S 45 43.20
RTLL 2.71 197 iPc 45 36.50 0.0
S 46 09.50
RTCB 2.95 201 iPd 45 40.10 0.5
ZON 2.97 199 eP 45 41.00 1.2
eS 46 16.00
RTCV 3.23 195 iPc 45 43.20 0.0
RFA 6.07 187 eP 46 19.30 -1.5
S.D. = 1.0 on 7 of 7 obs.

• DEC 24, 1985 15h 54m 40.14± 1.87s
0.907 N ±20.9km 126.592 E ±23.8km
DEPTH = 211.4 ± 15.4 km
4.5mb (4 obs.)
MOLUCCA PASSAGE (266)

AAI 4.84 181 eP 55 53.50 0.1
KNA 16.69 173 eP 58 23.50 -8.1
WRA 22.07 160 iPc 59 18.10 -0.5
WB2 22.07 160 iPc 59 18.10 -0.6
eS 03 14.00
CTA 28.40 138 iPd 00 18.20 1.0
0.9s 5.04nm 4.2mb
STK 35.57 158 iPc 01 18.50 -0.5
0.6s 23.00nm 5.0mb
ADE 37.45 164 iPc 01 35.40 0.6

YOU 40.54 152 eP 02 00.00 -0.3
CAN 41.68 152 eP 02 09.50 -0.2
WAM 42.34 153 eP 02 15.40 0.5
PKI 47.53 308 eP 02 55.90 -0.7
KKN 47.73 308 eP 02 57.40 -0.6
0.4s 5.00nm 4.3mb
DMN 47.78 307 eP 02 58.40 -0.1
HYB 49.99 292 iPc 03 16.00 0.8
1.0s 25.00nm 4.7mb
GBA 50.25 287 P 03 18.00 0.8
S.D. = 0.7 on 15 of 15 obs.

DEC 24, 1985 16h 07m 33.24± 0.60s
50.271 N ± 6.7km 12.433 E ± 4.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.1 (GRF).

HOF 0.36 277 iPgd 07 40.50 -0.1
MOX 0.64 306 ePg 07 46.50 0.4
eSg 07 55.00
GRF 0.97 234 ePgc 07 51.80 0.1
eSg 08 04.20
eLg 08 06.50
CLL 1.10 19 iPg 07 53.20 -0.7
iSg 08 09.50
BRG 1.14 57 iPg 07 55.20 0.7
iSg 08 09.80
KHC 1.36 146 Pg 07 58.10 -0.2
Sg 08 15.50
PRU 1.39 101 Pg 07 58.50 -0.1
eSg 08 15.50
e 08 16.50
S.D. = 0.5 on 7 of 7 obs.

• DEC 24, 1985 16h 35m 43.06± 0.84s
67.953 N ±19.5km 22.203 W ± 9.3km
DEPTH = 10.0km (geophysicist)
4.5mb (5 obs.) 3.9Msz (1 obs.)
ICELAND REGION (637)

NB2 15.79 100 P 39 27.00 0.3
1.1s 7.20nm 3.8mb
HFS 17.31 99 eP 39 44.60 -1.3
1.2s 36.80nm 4.4mb
Z 16s 0.74um 5.9Msz
LR 43 48.00
KEV 17.46 61 eP 39 48.00 0.3
SOD 18.19 69 eP 39 54.00 -2.8X
FRB 19.04 280 eP 40 07.00 -0.2
KJF 20.12 77 iP 40 15.00 -4.3X
0.9s 27.00nm 4.6mb
SUF 20.38 81 iP 40 19.90 -2.1X
NUR 21.18 88 eP 40 22.00 -8.3X
Z 22s 0.50um 3.9Msz
LR 47 00.00
CLL 23.87 117 iP 40 56.00 -0.9
1.8s 30.00nm 4.6mb
MOX 23.97 119 eP 41 03.50 5.6X
2.2s 100.00nm 5.0mb
BRG 24.55 116 eP 41 04.10 0.5
KSP 25.39 113 eP 41 11.00 -0.6
PRU 25.51 116 eP 41 12.90 0.2
KHC 25.92 119 P 41 18.00 1.4
S.D. = 0.9 on 9 of 14 obs.

DEC 24, 1985 17h 12m 11.53± 1.09s
4.099 S ± 5.6km 136.217 E ± 5.7km
DEPTH = 48.2 ± 11.1 km
5.1mb (10 obs.)
WEST IRIAN REGION (196)

TLE 3.78 246 ePd 13 09.90 1.1
TZZ 5.12 103 eP 13 29.00 1.2
SLKI 6.23 232 eP 13 41.80 -1.5
eS 14 44.90
AAI 8.01 273 eP 14 02.60 -5.6X
eS 15 38.00
MDG 9.60 97 eP 14 29.00 -1.0
PMG 12.07 116 eP 14 59.00 -4.6X
KNA 13.70 212 eP 15 21.50 -3.6X
WB2 15.85 186 eP 15 47.00 -6.1X
iS 18 38.80
WRA 15.85 186 P 15 48.00 -5.2X
0.5s 3.80nm 3.8mb X
CTA 18.66 149 iPc 16 27.10 -1.0
0.8s 23.51nm 4.4mb

ASPA 19.58 186 iPc 16 37.60 -1.1
0.7s 160.00nm 5.4mb
KKM 22.37 297 ePc 17 07.00 -0.2
PGP 23.14 319 iPd 17 15.50 1.0
0.7s 77.00nm 5.3mb
MBL 23.26 222 eP 17 16.00 0.3
WBN 23.78 202 eP 17 21.00 0.2
1.0s 42.00nm 4.9mb
MAN 23.93 321 eP 17 23.20 1.0
HNR 24.14 104 eP 17 26.00 1.7
RMO 25.29 153 e(P) 17 39.00 3.7X
NAU 27.18 226 eP 17 53.00 0.4
SRS 28.04 147 P 18 01.00 0.5
e 26 22.00
i 27 15.00
ADE 30.80 176 iPc 18 23.30 -1.7
0.9s 26.89nm 5.0mb
CAN 33.24 161 eP 18 48.20 1.8
WAM 34.00 162 eP 18 53.20 0.3
NJ2 39.56 337 eP 19 40.80 1.0
LOE 40.19 303 eP 19 44.00 -1.2
WHN 40.29 330 eP 19 46.00 0.2
MAT 40.47 2 eP 19 42.00 -5.2X
GYA 41.72 318 P 19 58.40 0.6
CHG 43.19 303 iPd 20 10.40 0.6
0.8s 10.45nm 4.6mb
KMI 43.60 314 Pc 20 13.50 0.3
XAN 45.85 328 eP 20 30.20 -0.7
CD2 46.60 321 eP 20 37.10 0.2
BJI 47.63 339 eP 20 44.00 -0.8
CN2 48.66 350 Pc 20 52.00 -0.7
MDJ 48.86 354 Pd 20 52.20 -2.0
MSZ 49.06 150 eP 20 57.00 1.2
HHC 50.10 336 P 21 03.60 -0.4
LZH 50.15 326 P 21 05.00 0.5
MNG 50.66 141 P 21 06.00 -2.2
LSA 54.69 311 eP 21 38.00 -0.9
GTA 54.76 326 Pc 21 38.10 -0.7
PKI 58.21 306 eP 22 03.80 -0.1
0.7s 13.00nm 5.2mb
KKN 58.40 306 eP 22 05.30 0.2
0.8s 52.00nm 5.7mb
DMN 58.47 306 eP 22 06.00 0.4
0.7s 6.00nm 4.8mb
HYB 60.77 292 eP 22 24.50 3.2X
WMO 64.58 323 eP 22 46.00 -0.3
IMA 85.78 23 eP 24 47.00 0.2
COL 87.78 24 eP 24 55.00 -1.4
1.2s 21.09nm 5.3mb
IR2 88.56 306 (P) 25 03.00 2.1
ARE 145.83 127 ePKP 31 49.00 1.1
TPZ 146.72 141 PKP 31 53.20 3.8X
CNCB 148.32 132 ePKP 31 56.00 3.7X
i 32 02.40
LPB 148.41 131 PKP 31 57.00 4.8X
1.0s 40.00nm
ZOBO 148.55 131 PKPd 31 57.00 4.3X
1.0s 27.50nm
CCH 149.29 135 PKP 32 01.40 7.9X
S.D. = 1.1 on 42 of 55 obs.

% DEC 24, 1985 18h 21m 46.57± 1.13s
40.615 N ±10.6km 29.985 E ± 9.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

HRT 0.32 311 iPg 21 52.90 -0.3
iSg 21 57.90
GPA 0.41 143 iPg 21 54.80 -0.1
iSg 22 00.30
YLV 0.47 264 iPg 21 55.90 -0.2
ISK 0.83 303 iPg 22 01.90 -0.8
iSg 22 13.90
KCT 1.30 254 iPn 22 10.90 0.3
EDC 1.64 261 ePn 22 27.00 11.5X
DMK 2.07 306 iPn 22 22.90 1.1
S.D. = 0.8 on 6 of 7 obs.

• DEC 24, 1985 20h 01m 08.53± 0.67s
62.038 N ±10.8km 124.316 W ± 8.3km
DEPTH = 10.0km (geophysicist)
4.1mb (2 obs.)
NORTHWEST TERRITORIES, CANADA (679)

FST1 1.47 99 Pg 01 36.00 1.0
S 01 54.00
YKC 4.62 80 eP 02 20.50 0.5

DWY 7.16 293 P 02 56.00 0.3
S 04 16.00
Lg 06 16.00
INK 7.38 332 eP 02 58.00 -0.8
EDM 10.60 142 eP 03 39.50 -3.9X
COL 10.86 296 eP 03 48.00 3.1
SES 13.77 142 eP 04 21.00 -5.0X
MBC 14.37 5 eP 04 30.00 -3.7X
NEW 14.39 160 e(P) 04 40.00 5.9X
LRM 17.63 152 eP 05 14.30 -1.5
BDW 21.19 149 eP 05 57.00 0.7
1.1s 6.59nm 3.9mb
SUF 53.58 16 iP 10 31.00 -0.1
HFS 53.97 24 eP 10 32.90 -1.1
0.4s 1.50nm 4.4mb
S.D. = 1.1 on 9 of 13 obs.

DEC 24, 1985 20h 08m 32.77± 1.09s
41.231 N ± 5.2km 23.909 E ± 9.7km
DEPTH = 10.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)

SRS 0.26 245 iPd 08 38.50 0.1
eS 08 43.00
MMB 0.38 339 iPgc 08 40.00 -0.6
SOH 0.59 226 eP 08 44.30 -0.4
eS 08 52.00
KNT 0.77 265 eP 08 47.30 -0.4
eS 08 58.30
OUR 0.90 176 eP 08 49.80 -0.1
eS 09 02.40
THE 0.93 230 eP 08 50.90 0.4
eS 09 02.60
GRG 1.17 257 eP 08 55.00 0.3
VTS 1.47 339 eP 09 00.00 0.8
S.D. = 0.6 on 8 of 8 obs.

DEC 24, 1985 21h 24m 24.30± 0.65s
50.244 N ± 6.3km 12.435 E ± 5.8km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX 0.66 308 ePg 24 37.50 0.0
iSg 24 46.00
GRF 0.96 235 ePgc 24 42.60 0.0
eSg 24 54.90
eLg 24 57.30
CLL 1.13 18 iPg 24 45.20 -0.2
iSg 25 00.80
BRG 1.15 56 iPg 24 46.00 0.2
iSg 25 01.40
KHC 1.34 146 iPg 24 48.90 -0.1
Sg 25 05.90
PRU 1.38 100 Pg 24 49.60 0.0
Sg 25 06.50
S.D. = 0.2 on 6 of 6 obs.

DEC 24, 1985 21h 28m 32.85± 0.50s
50.241 N ± 4.9km 12.414 E ± 4.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.3 (FUR).

HOF 0.35 282 iPgd 28 40.10 0.0
MOX 0.65 309 iPg 28 45.50 -0.4
iSg 28 55.00
GRF 0.95 235 ePgc 28 51.30 0.4
eSg 29 03.70
CLL 1.13 19 iPg 28 54.20 0.1
iSg 29 08.60
WET 1.14 164 iPgd 28 54.00 -0.2
BRG 1.16 56 iPgc 28 54.70 0.1
iSg 29 10.10
KHC 1.34 145 iPg 28 57.50 -0.1
iSg 29 15.00
PRU 1.39 100 Pg 28 58.30 0.0
Sg 29 15.60
FUR 2.21 200 iPgc 29 15.50 5.4X
S.D. = 0.3 on 8 of 9 obs.

DEC 24, 1985 21h 29m 49.34± 0.55s
40.575 N ± 4.1km 23.663 E ± 5.2km
DEPTH = 10.0km (geophysicist)
GREECE (364)

SOH 0.34 316 iPc 29 56.70 0.3
eS 30 01.60

24d 21h

OUR	0.34	135	iPc	29	56.90	0.5
			eS	30	02.10	
THE	0.53	276	eP	29	59.90	-0.2
			eS	30	07.20	
SRS	0.54	354	iPc	30	00.30	0.0
			eS	30	09.00	
PAIG	0.65	179	iPc	30	01.80	-0.5
			eS	30	10.40	
KNT	0.82	316	eP	30	05.20	-0.1
LIT	1.01	243	eP	30	08.60	0.1
			eS	30	22.40	
MMB	1.01	3	iPgc	30	08.00	-0.5
			Sg	30	20.00	
GRG	1.03	292	eP	30	08.90	0.1
			eS	30	23.70	
VAY	1.11	312	iPn	30	10.70	0.5
			iSn	30	27.70	
PLD	1.72	27	eP	30	23.00	3.6X
			iSg	30	43.00	
VTS	2.05	350	iP	30	26.00	1.8X
			iSg	30	55.00	
DIM	2.06	44	eP	30	11.00	-13.4X
PVL	2.81	23	eP	30	40.00	5.0X
S.D. = 0.4 on 10 of 14 obs.						

• DEC 24, 1985 21h 44m 50.45± 0.75s
50.216 N ± 6.8km 12.456 E ± 6.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.69	309	ePg	45	04.00	-0.1
			eSg	45	12.50	
GRF	0.95	237	ePg	45	08.80	0.2
			eSg	45	21.30	
			eLg	45	23.70	
CLL	1.15	17	iPg	45	11.80	-0.1
			iSg	45	27.00	
BRG	1.16	55	iPg	45	12.30	0.2
			iSg	45	27.10	
KHC	1.31	146	Pg	45	14.50	-0.2
			Sg	45	32.30	
S.D. = 0.3 on 5 of 5 obs.						

• DEC 24, 1985 21h 45m 57.60± 0.70s
27.240 N ±12.0km 139.828 E ±11.4km
DEPTH = 33.0km (normal)
4.2mb (1 obs.)
BONIN ISLANDS REGION (212)

CBI	2.10	93	eP	46	31.00	-0.1
			eS	46	50.00	
MAT	9.38	352	(P)	48	07.00	-6.5X
BJI	23.39	309	eP	51	04.00	-0.2
			eS	55	31.00	
WB2	47.20	187	eP	54	28.50	-0.7
			e	54	41.00	
WRA	47.20	187	P	54	30.00	0.8
	1.0s		2.90nm			4.2mb
COL	58.21	29	eP	55	51.00	0.4
INK	63.77	24	eP	56	28.00	-0.2
SES	80.62	38	eP	58	03.00	-5.4X
ZOBO	151.90	73	ePKPc	05	49.00	3.7X
LPB	152.04	73	ePKP	05	40.00	-5.3X
CNCB	152.27	74	ePKP	05	40.00	-5.8X
S.D. = 0.7 on 6 of 11 obs.						

DEC 24, 1985 23h 04m 08.01± 0.52s
18.413 N ± 6.9km 97.296 E ± 6.5km
DEPTH = 10.0km (geophysicist)
4.2mb (5 obs.)
BURMA (296)

CHG	1.61	75	iPg	04	36.00	-0.6
			iSg	04	58.20	
KHT	3.82	161	ePn	05	08.00	-0.1
			ePg	05	24.00	
			iSg	06	14.30	
MST	3.85	135	ePn	05	08.00	-0.5
			e	05	10.50	
LOE	4.34	103	ePn	05	13.00	-2.6
			e	05	15.00	
			e	05	28.00	
PCT	5.42	133	ePn	05	30.00	0.0
			eSg	07	06.00	
MNT	6.25	158	ePn	05	42.10	-0.4
			ePg	06	08.00	
KMI	8.38	36	Pc	06	17.00	4.4X
GYA	11.79	46	eP	07	00.60	1.2
CD2	13.75	24	eP	07	26.50	1.0
PKI	14.23	312	eP	07	29.80	-2.3
	0.6s		18.00nm			5.0mb X
KKN	14.46	312	eP	07	32.60	-2.3
DMN	14.47	311	eP	07	33.00	-2.2
	0.7s		32.00nm			5.1mb X
HYB	17.86	270	eP	08	20.50	2.1
LZH	18.53	17	P	08	27.00	0.3
XAN	18.71	31	eP	08	31.00	2.3
WHN	19.64	49	eP	08	38.50	-1.4
GBA	19.67	259	P	08	41.50	1.2
			e	12	08.00	
NDI	21.03	303	eP	08	52.50	-1.9
	1.0s		10.00nm			4.1mb
GTA	21.04	5	P	08	54.20	-0.4
POO	22.24	274	eP	09	09.00	2.4
TIY	23.35	31	Pc	09	18.00	0.5
			S	13	36.50	
BTO	24.67	24	eP	09	30.00	-0.3
SSE	25.04	55	eP	09	34.80	1.0
N 10s			1.80um			
E 10s			1.20um			
			S	14	12.00	
WMO	26.59	344	P	09	50.60	2.3
WRA	52.67	135	Pd	13	26.30	1.3
	0.6s		1.40nm			4.1mb
MLR	64.11	312	eP	14	45.00	0.1
KJF	64.71	333	eP	14	48.00	-0.2
SUF	65.16	331	iP	14	54.50	3.3X
	0.5s		2.00nm			4.6mb
SOD	65.72	336	eP	14	54.00	-0.7
HFS	71.05	328	eP	15	30.30	2.3X
	0.6s		2.40nm			4.5mb
NB2	72.19	329	P	15	37.60	2.7X
	0.6s		0.70nm			3.9mb
BNG	77.95	271	ePc	16	22.80	14.2X
	0.5s		3.00nm			
			id	16	38.00	
INK	86.08	17	eP	17	10.00	20.1X
S.D. = 1.5 on 27 of 33 obs.						

DEC 24, 1985 23h 16m 04.36± 0.68s
50.233 N ± 6.6km 12.412 E ± 6.1km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.1 (GRF).

MOX	0.66	309	iPg	16	17.00	-0.4
			iSg	16	25.50	
GRF	0.94	235	iPgc	16	22.80	0.5
			eSg	16	35.30	
			eLg	16	37.60	
CLL	1.14	19	iPg	16	25.90	0.2
			iSg	16	40.70	
BRG	1.17	56	iPgc	16	26.30	0.1
			iSg	16	41.50	
KHC	1.34	145	iPg	16	28.50	-0.5
			iSg	16	45.90	
PRU	1.39	99	Pg	16	30.00	0.2
			Sg	16	47.00	
S.D. = 0.5 on 6 of 6 obs.						

• DEC 24, 1985 23h 28m 51.27± 0.88s
50.157 N ± 7.9km 12.467 E ± 8.2km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.73	312	ePg	29	04.50	-1.2
			eSg	29	13.50	
GRF	0.93	240	ePg	29	10.00	1.0
			eSg	29	22.40	
			eLg	29	24.60	
BRG	1.19	52	iPg	29	13.60	0.2
			iSg	29	28.50	
CLL	1.20	16	i(Pg)	29	14.30	0.6
			iSg	29	27.50	
KHC	1.26	144	ePg	29	14.00	-0.6
			Sg	29	33.90	
S.D. = 1.2 on 5 of 5 obs.						

• DEC 24, 1985 23h 54m 16.41± 1.34s
19.083 S ±12.1km 68.097 W ±14.6km
DEPTH = 33.0km (normal)
CHILE-BOLIVIA BORDER REGION (124)

CNCB	2.26	3	iP	54	54.40	1.6
			iS	55	25.00	
CCH	2.51	48	P	54	54.60	-1.5
			S	55	25.00	
LPB	2.54	360	iP	54	57.30	0.7
			iS	55	29.20	
ZOBO	2.80	359	iPd	54	59.90	-0.5
	0.9s		97.32nm			
			S	55	35.20	
TPZ	3.26	137	P	55	07.20	0.5
ARE	4.15	308	iP	55	18.50	-0.9
			eS	56	09.00	
S.D. = 1.5 on 6 of 6 obs.						

DEC 25, 1985 00h 16m 57.75± 0.56s
62.292 N ± 9.3km 124.121 W ± 8.4km
DEPTH = 10.0km (geophysicist)
4.2mb (2 obs.)
NORTHWEST TERRITORIES, CANADA (679)

FST1	1.44	109	Pg	17	15.00	-8.9X
YKC	4.50	83	eP	18	07.00	-0.4
DWY	7.15	291	P	18	44.00	-0.8
			S	20	44.00	
			Lg	22	44.00	
INK	7.20	331	eP	18	46.00	0.5
EDM	10.74	143	eP	19	30.40	-4.2X
COL	10.83	294	eP	19	36.00	0.2
PNT	13.25	167	eP	20	05.00	-3.3X
SES	13.92	143	eP	20	12.00	-5.1X
MBC	14.11	5	eP	20	17.00	-2.5X
NEW	14.60	161	eP	20	21.00	-5.1X
LRM	17.82	152	eP	21	06.80	-0.5
BDW	21.36	149	eP	21	47.30	0.0
	1.1s		11.29nm			4.2mb
BMN	22.29	166	eP	21	56.80	0.3
ALQ	29.55	150	eP	23	05.20	0.6
	1.0s		4.00nm			4.2mb
S.D. = 0.6 on 8 of 14 obs.						

• DEC 25, 1985 01h 04m 18.60± 1.91s
37.128 N ± 8.6km 141.468 E ±21.5km
DEPTH = 51.8 ± 15.5 km
NEAR EAST COAST OF HONSHU, JAPAN(228)

ONA	0.49	248	iPd	04	29.60	-0.2
			iS	04	37.20	
FKS	1.01	309	Pd	04	36.50	-0.2
			S	04	49.20	
MIT	1.10	227	eP	04	38.00	0.2
			eS	04	50.00	
TSK	1.43	230	iPd	04	41.70	-0.8
DDR	2.15	239	eP	04	52.00	-0.8
KYS	2.20	209	eP	04	54.90	1.5
SRY	2.33	230	eP	04	55.00	-0.2
MAT	2.68	258	iPd	05	00.90	0.7
			eS	05	38.00	
INK	54.28	27	eP	13	41.00	-0.2
WRA	57.16	188	eP	14	01.70	-0.7
SOD	64.90	337	eP	15	01.00	6.7X
KJF	86.45	334	eP	15	06.00	1.8
SUF	67.92	333	eP	15	13.00	-0.5
NUR	69.89	332	eP	15	25.00	-0.6
S.D. = 1.0 on 13 of 14 obs.						

DEC 25, 1985 01h 17m 49.55± 0.54s
42.303 N ± 5.3km 19.994 E ± 4.7km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 3.1 (TTG).

TTG	0.56	283	ePg	18	00.20	-0.6
			eSg	18	10.00	
IVA	0.57	353	ePg	18	01.00	-0.2
			eSg	18	10.00	
ULC	0.65	239	ePg	18	03.00	0.4
			eSg	18	12.60	
BDV	0.87	269	ePg	18	06.50	0.3
			eSg	18	20.50	
NKY	0.89	305	ePg	18	06.40	-0.4
			eSg	18	20.50	
HCY	1.12	278	ePg	18	10.70	0.2
			eSg	18	27.00	
PLE	1.12	337	ePg	18	11.00	0.4
			eSg	18	28.00	
SKO	1.13	107	iPn	18	11.00	0.4
BRY	1.23	300	ePg	18	12.50	0.0
			eSg	18	31.30	

OHR 1.33 153 iPn 18 13.60 -0.6
VAY 2.16 116 iPn 18 29.70 3.6X
CEY 5.28 312 ePn 19 13.30 2.9X
eSn 20 17.00
MLR 5.35 51 eP 19 30.00 18.5X
VOY 5.76 312 ePn 19 19.20 2.1X
eSn 20 27.50
S.D. = 0.5 on 10 of 14 obs.

• DEC 25, 1985 01h 32m 26.50± 1.08s
20.732 S ± 8.0km 69.349 W ±16.4km
DEPTH = 150.7 ± 17.1 km
NORTHERN CHILE (123)

CAC 1.77 170 iP 33 00.20 0.6
ANT 3.12 198 iPd 33 15.50 -0.4
TPZ 3.47 103 iP 33 20.50 -0.4
CNCB 4.11 19 iP 33 29.70 0.2
S 34 06.00
CCH 4.50 43 P 33 39.50 5.0X
ZOBO 4.59 15 Pd 33 35.70 -0.1
0.5s 7.79nm
VAO 20.89 100 eP 36 58.60 0.2
S.D. = 0.6 on 6 of 7 obs.

DEC 25, 1985 02h 02m 35.30± 0.47s
50.251 N ± 4.5km 12.436 E ± 4.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.8 (FUR), 2.5 (GRF), 2.9 (KBA).

HOF 0.36 280 iPgd 02 42.50 -0.3
MOX 0.66 307 iPg 02 48.50 0.1
iSg 02 58.00
GRF 0.96 235 iPgc 02 53.80 0.2
eSg 03 06.00
eLg 03 08.30
CLL 1.12 19 iPg 02 56.20 -0.1
iSg 03 10.80
WET 1.14 165 iPgd 02 56.60 -0.1
BRG 1.15 57 iPgc 02 57.20 0.5
iSg 03 12.00
KHC 1.34 146 ePg 03 00.00 -0.1
iSg 03 17.80
PRU 1.38 100 Pg 03 00.00 -0.6
Sg 03 17.20
FUR 2.22 200 iPgc 03 19.10 6.3X
KBA 3.23 169 iPnc 03 27.70 0.5
iSg 04 17.70
S.D. = 0.4 on 9 of 10 obs.

DEC 25, 1985 02h 35m 51.08± 0.18s
14.071 S ± 4.7km 170.011 E ± 4.1km
DEPTH = 33.0km (normal)
5.4mb (16 obs.) 5.6Msz (5 obs.)
VANUATU ISLANDS REGION (185)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 33C
Centroid Location:
Origin Time 02:35:51.9 0.3
Lat 14.14S 0.03 Lon 170.16E 0.03
Dep 27.9 3.5 Half-duration 2.7
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.78 0.09 Mtt= 2.60 0.14
Mff=-1.82 0.15 Mrt=-0.12 0.26
Mrf=-2.05 0.35 Mtf= 4.58 0.10
Principal Axes:
T Val= 5.71 Plg=11 Azm=146
N -0.37 66 30
P -5.34 21 240
Best Double Couple:Mo=5.5*10**24
NP1:Strike=282 Dip=67 Slip= -7
NP2: 15 83 -157

PVC 4.00 204 iPc 36 51.00 -0.6
iS 37 39.00
NDF 8.04 118 ePc 37 58.70 10.2X
DZM 8.65 203 iPc 37 55.00 -2.0
iS 39 35.20
NOU 8.86 202 iPc 37 58.20 -1.7
VUN 9.02 117 ePc 38 02.20 0.1
HNR 10.88 294 eP 38 30.00 2.4
eS 40 30.00
BRS 20.83 228 iPd 40 34.80 2.2
i 41 00.00
eS 44 17.00
e 45 24.00
PMG 22.85 279 eP 40 53.00 0.3
RMQ 23.41 235 eP 41 00.00 1.8
0.8s 545.00nm 6.1mb
COO 23.41 222 eP 41 00.00 1.8
CTA 23.47 252 iPd- 41 00.20 1.4
1.4s 401.16nm 5.7mb
iS 45 13.00
KRP 24.26 169 P 41 09.10 2.9X
pP 41 20.20 43kmX
e 41 35.00
GNZ 25.48 165 P 41 17.20 -0.7
MNG 26.88 171 P 41 30.00 -0.8
PP 42 17.00
TCW 27.30 173 P 41 35.50 0.9
WEL 27.43 172 P 41 36.00 0.2
Z 19s 15.28um 5.6Msz
N 18s 12.37um
E 18s 5.50um
pP 41 46.00 36kmX
(PP) 42 26.00
e 44 40.00
PcP 45 34.00
S 46 16.00
CMS 28.14 228 eP 41 43.00 0.7
STK 31.46 231 eP 42 12.00 0.1
0.9s 113.00nm 5.7mb
WRA 34.56 255 Pc 42 37.90 -1.1
0.8s 19.90nm 5.1mb
ADE 35.04 228 iPc 42 43.90 0.9
ASPA 35.39 249 eP 42 45.00 -1.1
0.8s 158.00nm 6.0mb
KNA 39.85 262 iPc 43 22.50 -1.0
PMO 40.71 97 eP 43 30.00 -0.6
1.2s 115.00nm 5.5mb
VAH 40.95 97 eP 43 32.00 -0.5
1.2s 95.00nm 5.4mb
TPT 40.98 97 eP 43 32.00 -0.8
1.2s 100.00nm 5.4mb
RUV 41.19 97 eP 43 34.00 -0.5
1.2s 135.00nm 5.6mb
WBN 42.33 247 iPc 43 44.40 0.6
0.5s 25.00nm 5.2mb
MBL 48.18 254 eP 44 30.00 -0.6
MEK 49.55 247 eP 44 41.00 -0.1
KLB 50.74 241 eP 44 49.40 -0.7
NWAO 51.36 239 iPc 44 54.20 -0.6
1.0s 60.00nm 5.5mb
Z 20s 5.50um 5.6Msz
N 20s 2.70um
E 20s 3.40um
MRWA 51.99 244 eP 44 59.00 -0.7
MUN 52.10 240 eP 45 01.00 0.6
NAU 52.20 252 iPc 45 01.50 0.2
0.7s 27.00nm 5.3mb
MAT 58.60 330 eP 45 44.00 -3.3X
0.8s 13.43nm 5.1mb
Z 20s 3.01um 5.4Msz
eS 53 44.00
SBA 63.81 181 eP 46 23.20 1.3
(S) 55 04.00
LR 02 27.00
SSE 64.92 315 eP 46 27.00 -2.7
Z 26s 4.40um 5.5MszX
N 26s 2.00um
E 26s 3.50um
S 55 09.00
NJ2 67.09 314 Pd 46 42.50 -1.1
S 55 30.00
WHN 69.51 310 eP 46 57.50 -1.2
CN2 70.49 327 eP 47 02.00 -2.4
TIA 70.64 317 eP 47 04.70 -0.9
IPM 70.87 280 ePd 47 06.90 -0.5
PSI 72.37 277 eP 47 02.00 -14.3X
e 49 00.00
BJI 73.45 320 eP 47 21.50 -0.6
E 20s 1.30um
eS 56 47.00
eSKS 57 26.00
ePS 58 19.00
eSS 01 36.00
GYA 73.55 303 eP 47 23.80 0.6
S 56 54.00
TIY 74.61 316 P 47 29.00 0.0
S 57 05.50
XAN 75.23 311 eP 47 32.00 -0.6
eS 57 08.00
SPA 76.02 180 eP 47 25.50 -11.2X
1.0s 1.50nm
KMI 76.24 301 eP 47 46.00 7.2X
S 57 26.00
HHC 76.83 318 eP 47 41.50 -0.1
CD2 77.74 306 eP 47 45.60 -1.1
LZH 79.87 311 P 48 03.50 5.1X
GCC 81.60 49 eP 48 07.60 0.4
BRK 81.76 48 eP 48 09.30 1.2
PRS 81.77 49 eP 48 08.70 0.5
SAO 81.89 49 ePd 48 08.80 0.0
MHC 81.98 48 eP 48 10.00 0.6
SYP 82.09 52 eP 48 11.00 0.9
GAS 82.19 46 P 48 11.30 0.8
LLA 82.20 49 eP 48 10.80 0.4
PRI 82.21 50 eP 48 11.30 0.6
WDC 82.71 45 ePd 48 13.30 0.3
ORV 83.00 46 eP 48 14.40 -0.1
JAS1 83.11 48 iPd 48 15.30 0.2
FRI 83.26 49 ePd 48 15.90 0.0
PAS 83.33 52 eP 48 16.00 -0.3
MWC 83.45 52 eP 48 17.00 -0.2
ISA 83.67 51 eP 48 18.00 -0.1
SBB 83.80 52 eP 48 18.00 -0.8
BAR 83.97 54 eP 48 20.00 0.4
PLM 84.06 54 eP 48 20.00 -0.3
GTA 84.15 313 eP 48 19.00 -1.5
S 58 39.50
CWC 84.25 50 eP 48 10.00 -11.2X
SDW 84.34 52 P 48 21.00 -0.6
IMA 84.35 14 eP 48 21.10 0.1
GSC 84.80 52 eP 48 25.00 1.2
COL 84.94 17 eP 48 23.00 -0.8
MNA 84.95 49 ePd 48 25.00 0.4
TPC 84.96 53 eP 48 25.00 0.4
GLA 85.55 55 eP 48 28.00 0.4
PNT 88.24 38 eP 48 43.00 2.7X
pP 14 24.00
MSU 89.38 50 P 48 47.00 0.8
LRM 91.50 43 eP 48 54.90 -1.0
BDW 92.55 47 P 49 00.50 -0.3
ALO 92.75 55 eP 49 01.50 -0.3
1.2s 7.81nm 5.0mb
Z 20s 2.31um 5.6Msz
LTX 93.63 61 P 49 06.00 0.2
1.0s 5.50nm 4.9mb
JCT 97.16 60 eP 49 21.00 -0.8
0.9s 3.36nm 4.9mb
Z 22s 1.67um 5.5Msz
SO81 141.59 125 ePKP 55 19.90 -1.9
ITR 143.80 127 ePKP 55 22.00 -3.6X
e 55 25.60
e 55 31.40
e 55 36.00
LOR 144.94 344 ePKP 55 25.60 -1.0
GRR 144.96 349 ePKP 55 25.80 -0.7
LBF 145.17 343 iPKPd 55 26.20 -0.8
SSF 145.23 344 iPKPd 55 26.60 -0.4
LPF 145.33 349 ePKP 55 27.10 -0.1
SMF 145.51 343 iPKPd 55 27.80 0.2
AVF 145.52 344 ePKP 55 27.80 0.3
LPG 145.62 339 ePKP 55 29.20 1.0
BGF 145.87 344 ePKP 55 29.20 1.0
MZF 146.25 344 ePKP 55 30.90 2.1
TCF 146.28 345 ePKP 55 30.70 1.8
LSF 146.49 345 ePKP 55 31.30 2.1
MFF 146.53 348 ePKP 55 31.40 2.2
CAF 147.58 344 ePKP 55 36.50 5.5X
LPO 148.04 345 ePKP 55 37.90 6.2X
BNG 150.29 254 iPKPd 55 41.00 4.9X
1.0s 35.00nm
id 56 15.00
S.D. = 1.0 on 92 of 105 obs.

• DEC 25, 1985 02h 38m 56.56± 1.14s
37.688 N ±11.2km 15.068 E ± 7.3km
DEPTH = 10.0km (geophysicist)
4.3mb (4 obs.)
SICILY (398)
One person killed, 14 injured and damage on Sicily. Eruption of Mt. Etno.

VLS 4.39 82 eP 40 03.50 -1.3
OHR 5.60 51 eP 40 21.00 -1.0
KZN 5.84 61 eP 40 27.50 2.2

25d 02h

SKO	6.51	47	iP	40	36.50		1.8
	Z 11s		1.78um				
	E 10s		2.52um				
			i	41	46.00		
			i	42	44.00		
CVF	6.80	318	eP	40	38.80		-0.1
	0.7s		7.40nm				4.9mb X
VAY	6.84	56	iPn	40	37.20		-2.2
MMB	7.73	57	eP	40	51.00		-0.9
VTS	7.93	49	eP	40	56.00		1.5
CEY	8.06	357	e(Pn)	41	04.70		8.3X
			e(Sn)	42	27.60		
TRI	8.07	353	eP	40	59.10		2.5X
			e	42	26.90		
			e	43	46.00		
			i	44	34.00		
LJU	8.36	357	ePn	41	00.80		0.2
			e(Sn)	42	27.00		
VOY	8.38	354	ePn	41	01.00		0.0
			e(Sn)	42	26.10		
LMR	8.62	314	eP	41	03.00		-1.2
FRF	8.68	315	eP	41	01.20		-3.9X
LRG	8.78	314	eP	41	05.00		-1.4
	1.0s		32.00nm				5.6mb X
KDZ	8.86	60	eP	41	08.00		0.5
PVL	9.44	52	iPd	41	14.00		-1.5
KBA	9.47	353	e(P)	41	16.00		-0.1
			i	41	23.00		
			i	41	37.10		
LPG	9.98	324	eP	41	26.20		3.0X
	1.2s		26.70nm				5.6mb X
SRO	10.40	12	e(P)	41	26.70		-1.9
ZST	10.61	7	eP	41	31.90		0.4
MLR	11.27	43	eP	41	40.00		-0.7
KHC	11.49	355	iP	41	45.90		2.3
			i	41	51.40		
BSF	11.81	332	eP	41	53.40		5.3X
SPC	12.69	16	eP	41	54.00		2.1
PRU	12.30	358	eP	41	57.00		2.4
GRF	12.32	348	eP	41	50.00		-4.8X
	Z 20s		0.40um				
KRA	12.85	14	eP	42	00.60		-1.2
MOX	13.19	350	eP	42	07.00		0.6
	Z 14s		0.90um				
	E 16s		2.70um				
			e	42	14.00		
			LQ	46	48.00		
			LR	47	54.00		
MOX	13.19	350	e(P)	42	14.00		7.6X
	Z 14s		0.90um				
	E 16s		2.70um				
BRG	13.21	357	eP	42	11.50		4.9X
	1.8s		30.00nm				5.1mb X
			e	42	17.50		
			e	42	36.00		
CLL	13.78	355	e(P)	42	20.00		6.9X
WTS	15.44	341	eP	42	40.00		4.2X
IFR	16.94	262	iP	43	02.00		6.7X
EKA	21.54	331	P	43	53.00		5.3X
	1.7s		33.70nm				4.5mb
NB2	23.50	355	P	44	06.00		-1.1
	0.8s		3.10nm				3.9mb
SUF	25.97	12	iP	44	30.50		-0.1
	0.7s		3.20nm				4.1mb
KJF	27.61	12	eP	44	45.00		-0.6
BNG	33.25	174	ePc	45	37.60		1.5
	1.0s		5.00nm				4.4mb
			id	46	04.90		
	S.D. = 1.4		on 27 of 39 obs.				

DEC 25, 1985 03h 01m 23.73± 0.19s
22.744 S ± 6.6km 175.947 W ± 4.9km
DEPTH = 71.9km (24 depth phases)
5.4mb (24 obs.)
TONGA ISLANDS REGION (174)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 26C
Centroid Location:
Origin Time 03:01:26.9 0.6
Lat 22.74S 0.09 Lon 175.70W 0.10
Dep 61.3 7.9 Half-duration 2.7
Moment Tensor; Scale 10**24 D-CM
Mrr= 0.71 0.18 Mtt= 2.23 0.38
Mff=-2.94 0.35 Mrt=-1.98 0.26
Mrf=-2.36 0.25 Mtf= 0.15 0.23
Principal Axes:

	T Val= 3.93		Plg=39		Azm=163		
	N 0.26		38		33		
	P -4.19		28		278		
	Best Double Couple:Mo=4.1*10**24						
	NP1:Strike=316		Dip=39		Slip= 10		
	NP2: 218		84		129		
VUN	7.05	311	iPd	03	30.90	24.5X	
			eS	05	03.20		
NDF	7.94	307	ePd	03	21.80	3.1X	
RAR	15.08	87	P	04	49.00	-5.1X	
			S	07	21.00		
NOU	16.27	268	iPc	05	14.80	5.6X	
DZM	16.30	269	iPc	05	15.80	6.1X	
GNZ	16.67	197	P	05	15.00	1.0	
			S	08	05.00		
KRP	16.81	204	P	05	18.90	3.1X	
			S	08	32.00		
MNG	19.24	200	P	05	39.70	-5.3X	
			S	09	00.00		
			i	09	13.00		
WEL	20.07	201	eP	05	52.00	-1.7	
			S	09	20.00		
			(S)	20	12.00		
CIZ	21.16	181	eP	06	10.00	5.2X	
TBI	24.37	97	eP	06	49.00	12.6X	
	1.3s		310.00nm				
AFR	25.09	83	iP	06	42.40	-0.9	
	1.2s		190.00nm			5.4mb	
PAE	25.24	83	iP	06	43.50	-1.1	
	1.2s		160.00nm			5.4mb	
PPT	25.27	83	iP	06	44.20	-0.8	
	1.2s		215.00nm			5.5mb	
PPN	25.41	83	iP	06	45.20	-1.1	
	1.2s		225.00nm			5.5mb	
TVO	25.51	84	iP	06	46.20	-1.0	
	1.2s		225.00nm			5.5mb	
MSZ	25.57	207	eP	06	47.00	-0.5	
			S	11	09.00		
BRS	28.67	254	P	07	16.80	0.9	
			i	08	13.00	292kmX	
			eS	11	33.00		
COO	29.71	248	eP	07	25.00	-0.3	
RMQ	32.24	256	eP	07	48.00	0.5	
CAN	32.94	240	eP	07	53.90	0.3	
			e	10	49.70		
YOU	33.23	242	eP	07	56.80	0.8	
			e	10	51.00		
WAM	33.23	238	eP	07	54.90	-1.1	
			e	10	51.70		
CMS	34.98	247	eP	08	11.00	-0.1	
CTA	35.23	267	iPd	08	01.70	-11.6X	
	1.2s		50.00nm				
			i	08	13.20	41kmX	
			iS	13	38.50		
TOO	36.20	237	eP	08	22.00	0.6	
TAU	36.45	228	eP	08	25.00	1.6	
PMG	37.73	285	eP	08	34.00	-0.4	
BFD	38.42	238	eP	08	40.00	0.0	
STK	38.61	247	eP	08	41.00	-0.6	
ADE	41.22	242	iPd	09	03.80	0.6	
	0.8s		34.33nm			5.2mb	
ASPA	45.91	259	iPd	09	40.80	-0.4	
	0.9s		157.00nm			5.9mb	
WB2	46.21	264	eP	09	38.80	-4.7X	
			i	09	47.60	29kmX	
WRA	46.22	264	Pd	09	38.50	-5.1X	
	0.7s		9.40nm			4.8mb	
WBN	52.08	254	iPd	10	27.50	-1.2	
	0.5s		90.00nm			6.1mb	
KNA	52.42	267	eP	10	25.00	-6.3X	
GUA	52.63	309	eP	10	31.90	-1.0	
	0.7s		147.95nm			6.1mb	
GUMO	52.70	309	e(P)	10	32.70	-0.6	
PJG	52.70	309	e(P)	10	32.50	-0.8	
SBA	55.78	184	iP	10	59.30	4.2X	
	1.1s		124.05nm			5.9mb	
			(S)	19	16.00		
KLG	55.84	247	eP	10	55.00	-1.2	
AAI	57.21	281	eP	11	05.40	-0.7	
KLB	58.86	246	eP	11	16.10	-1.4	
MEK	59.08	252	eP	11	17.00	-2.1	
NWAO	59.10	244	eP	11	19.00	-0.1	
RKG	59.12	243	eP	11	18.00	-1.2	
MBL	59.16	258	P	11	17.60	-2.0	
BAL	59.91	247	eP	11	23.50	-1.2	
MUN	60.10	245	eP	11	25.00	-1.0	

MRWA	60.78	248	iPc	11	29.60		-1.0
NAU	62.70	256	eP	11	43.00		-0.6
SPA	67.39	180	iPc	13	15.70		62.3X
	1.0s		135.00nm				
	Z 17s		0.93um				5.1MszX
MAT	73.14	323	iPc	12	46.20		-2.2
	0.8s		12.69nm				4.9mb
ADK	74.31	360	eP	12	54.50		-0.2
SYP	77.90	44	eP	13	16.00		0.4
			e	13	36.00		74km
PRS	78.15	42	ePc	13	17.20		0.4
			e	13	36.70		72km
GCC	78.21	41	ePc	13	17.30		0.2
			e	13	36.80		72km
BCH	78.24	44	P	13	18.00		0.6
PCC	78.28	41	eP	13	17.60		0.2
			e	13	37.20		72km
SAO	78.38	42	eP	13	17.90		-0.1
			e	13	37.60		73km
PHAM	78.45	43	eP	13	19.00		0.6
			e	13	38.00		70km
PRI	78.47	43	ePc	13	19.40		0.7
			i	13	38.80		72km
			e	13	45.00		
LLA	78.60	42	eP	13	19.50		0.3
			e	13	39.00		72km
BRK	78.60	41	eP	13	19.20		0.0
			e	13	39.00		73km
MHC	78.63	41	ePc	13	19.90		0.4
			i	13	39.60		73km
			e	13	44.80		
MWC	78.96	46	eP	13	18.00		-3.5X
BAR	78.98	48	eP	13	41.00		19.6X
PLM	79.24	47	eP	13	23.00		0.0
SBB	79.40	45	eP	13	20.00		-3.7X
GAS	79.50	39	P	13	25.00		0.8
FHC	79.54	37	eP	13	24.70		0.4
			e	13	44.40		73km
			e	14	05.80		
			e	14	13.20		
ISA	79.57	44	eP	13	24.00		-0.6
FRI	79.60	43	ePc	13	24.50		-0.1
			e	13	44.30		73km
			e	13	49.40		
			ePcP	13	59.00		
			e	14	08.20		
JAS1	79.75	41	iPc	13	25.60		0.2
			i	13	45.10		72km
			e	13	50.70		
			iPcP	14	00.00		
			i	14	11.20		
			i	14	25.50		
MAW	80.10	199	eP	13	29.00		2.2
ORV	80.14	40	ePc	13	27.40		-0.1
			i	13	47.00		72km
WDC	80.21	38	iPc	13	28.00		0.2
			i	13	47.70		73km
			iPcP	14	00.00		
			e	14	11.30		
TPC	80.23	47	eP	13	26.00		-2.2
GSC	80.44	45	eP	13	29.00		-0.2
GLA	80.46	48	eP	13	30.00		0.6
MIN	80.59	39	ePc	13	29.70		-0.3
			e	13	49.00		71km
			e	13	54.00		
MNA	81.46	42	iPc	13	34.80		0.2
			i	13	54.60		73km
			e	14	15.20		
KGM	82.23	275	eP	13	39.00		0.0
GZH	82.47	299	P	13	40.50		0.5
KDC	82.55	12	eP	13	57.50		17.9X
NJ2	82.77	309	Pd	13	46.00		4.7X
BMN	83.25	41	eP	13	44.00		0.2
			e	14	03.00		69km
MDJ	83.44	324	Pd	13	47.00		2.5
SYO	84.98	192	eP	13	53.30		1.4
CN2	85.23	322	eP	13	52.60		-0.9
WHN	85.30	306	eP	13	54.80		0.7
MSU	85.31	45	P	13	55.00		0.6
IPM	85.34	277	ePd	13	55.10		0.4
	0.9s		60.80nm				5.6mb
			e	14	15.30		74km
PSI	86.54	274	P	13	45.00		-15.6X
			e	16	00.00		637kmX
LTX	86.67	56	iP	14	01.50		0.4
	1.0s		26.00nm				5.3mb
			e	14	21.00		71km

PME	86.82	13	eP	13	53.50	-7.4X				e	21	18.50						i	21	39.40		
	0.7s		17.10nm			5.3mb				e	21	27.00						i	21	55.00		
TTA	86.83	9	eP	14	19.50	18.4X	KRA	150.02	339	ePKP	21	08.90	6.8X				TRI	155.76	343	ePKP	21	14.20	3.8X
ALQ	87.33	50	eP	14	03.00	-1.3		1.4s		94.00nm										e	21	51.70	
	1.0s		15.00nm			5.1mb		Z 20s		2.10um			5.9Msz				SKO	155.93	327	e(PKP)	21	15.00	4.2X
			e	14	22.00	68km		N 20s		1.60um										e	21	24.40	
YAH	87.37	16	eP	14	22.40	18.5X		E 20s		2.10um										i	21	30.00	
PNT	87.46	33	iPc	14	04.60	0.3				i	21	26.90					OHR	156.89	326	e(PKP)	21	13.20	1.1
	1.1s		105.00nm			5.9mb	HRI	150.23	298	ePKP	21	09.50	6.4X				BNG	157.02	220	iPKPc	21	14.40	1.4
NEW	88.09	35	eP	14	05.00	-2.4	KSP	150.37	344	ePKP	21	04.50	1.9					1.3s		33.00nm			
BJI	88.82	315	eP	14	12.00	1.0		1.3s		164.00nm										ic	21	45.80	
LRM	89.24	39	eP	14	12.90	-0.3				i	21	10.50								id	22	03.20	
BDW	89.30	42	iP	14	13.20	-0.3				ic	21	28.00					KIC	161.64	151	ePKP	21	15.00	-3.0
	1.0s		9.60nm			5.0mb	VRI	150.48	327	ePKPd	21	08.50	5.6X				IFR	166.56	35	iPKP	21	25.00	2.8X
			e	14	33.00	71km	CLL	150.65	349	ePKP	21	05.00	2.0					S.D. = 1.1		on 120 of 192 obs.			
LOE	89.80	289	eP	14	17.00	0.9		1.7s		240.00nm													
COL	90.03	12	eP	14	15.00	-1.1				i	21	11.90						DEC 25, 1985 03h 18m 41.27± 0.50s					
F8A	90.03	12	eP	14	15.20	-0.9				i	21	27.70						42.263 N ± 5.0km 19.940 E ± 4.3km					
	0.7s		14.30nm			5.3mb	SPC	150.66	338	ePKP	21	11.20	7.8X					DEPTH = 10.0km (geophysicist)					
IMA	90.14	9	eP	14	16.40	-0.4				e	21	29.70						YUGOSLAVIA					(383)
JCT	90.18	57	eP	14	17.00	-0.7	WTS	150.72	357	ePKP	21	09.00	6.0X					DUR 2.8 (TTG).					
	1.5s		27.78nm			5.3mb		1.1s		78.00nm													
			e	14	39.00	80km				e	21	12.00					PVY	0.33	4	iPgd	18	47.70	-0.5
TIY	90.19	311	eP	14	18.00	0.4				e	21	19.00								iSg	18	53.40	
GOL	90.44	47	eP	14	20.50	1.6				e	21	28.00					TTG	0.53	288	iPgc	18	51.10	-0.9
	1.0s		11.00nm			5.1mb	BRG	150.88	347	iPKP	21	06.90	3.5X							eSg	19	00.40	
			e	14	38.50	64km		1.8s		35.00nm							ULC	0.59	240	ePg	18	53.50	0.2
NST	90.52	287	eP	14	15.70	-3.6X				i	21	13.00								eSg	19	03.50	
XAN	91.00	307	eP	14	22.00	0.7				i	21	29.00					IVA	0.61	357	ePg	18	53.50	-0.1
KMI	92.06	296	eP	14	28.50	1.9				eSg	35	43.50								eSg	19	02.50	
BDT	92.13	288	eP	14	29.40	2.7X	JER	150.97	295	ePKP	21	12.50	8.3X				BDV	0.83	272	ePg	18	57.30	0.1
SES	92.57	35	ePc	14	27.60	-0.6	ISR	151.08	326	ePKP	21	10.00	6.1X							eSg	19	11.00	
	1.2s		122.00nm			6.2mb	MLR	151.14	327	ePKPd	21	06.00	1.9				NKY	0.89	309	ePg	18	57.40	-1.0
EDM	92.96	32	ePc	14	30.00	0.1	PSN	151.14	322	iPKPd	21	14.00	10.1X							eSg	19	10.80	
CD2	93.60	302	eP	14	32.70	-0.7	PRNI	151.37	292	ePKP	21	12.00	7.2X				HCY	1.08	280	ePg	19	02.00	0.3
TUL	95.53	53	eP	14	42.00	-0.1	MOX	151.53	350	iPKPc	21	14.00	9.6X							eSg	19	18.60	
	0.8s		8.30nm			5.3mb		1.6s		74.00nm							PLE	1.14	340	ePg	19	03.20	0.5
Z	21s		3.79um			5.8Msz		Z 38s		1.50um			5.5MszX							eSg	19	20.60	
BHO	95.61	55	e(P)	14	33.60	-8.8X		E 24s		1.70um							SKO	1.15	104	iPn	19	02.50	-0.3
INK	95.94	15	eP	14	55.00	11.8X				e	21	30.00					BRY	1.21	302	ePg	19	03.60	-0.3
YKC	97.79	24	eP	14	51.00	-0.6				LQ	46	00.00								eSg	19	22.50	
	1.0s		22.00nm			5.6mb				LR	50	30.00					OHR	1.32	151	iPn	19	05.30	-0.4
TPZ	99.06	118	(P)	15	14.00	15.1X	PRU	151.59	346	ePKP	21	10.50	6.0X				VAY	2.18	115	iPn	19	18.60	0.5
CNCB	99.34	113	eP	15	04.00	3.5X		1.4s		38.00nm							VTS	2.44	81	iPd	19	26.00	4.3X
LPB	99.36	112	eP	14	57.00	-3.4X				e	21	14.00								eSg	20	05.00	
			LR	47	40.00					e	21	21.00					MMB	2.91	102	iPd	19	39.00	10.6X
ZOBO	99.46	112	ePc	15	04.00	3.0X				eSg	35	49.50					PVL	3.96	75	eP	19	55.00	11.7X
			LR	47	58.00		BNS	151.73	356	ePKP	21	12.80	8.2X				VOY	5.75	313	ePn	20	10.70	1.9
GTA	99.86	309	eP	15	02.10	0.3	CMP	151.75	328	ePKPc	21	17.00	12.1X							e	21	11.00	
SOB1	125.73	121	iPKPc	20	19.00	-0.6	ENN	151.99	357	ePKP	21	13.00	8.0X							e(Sg)	21	54.30	
			e	20	39.00			1.2s		36 00nm								S.D. = 0.8		on 13 of 16 obs.			
SLR	126.39	207	iPKPc	20	24.50	3.8X				e	21	30.00											
	0.9s		10.08nm				UCC	152.00	360	PKP	21	10.00	5.0X				?	DEC 25, 1985 03h 47m 19.18± 4.39s					
ITR	127.94	122	ePKP	20	22.10	-1.7				e	21	31.00						37.097 N ±38.2km 21.242 E ±20.4km					
			e	20	43.50		MEM	152.15	357	PKP	21	15.00	9.8X					DEPTH = 33.0km (normal)					
KEV	131.02	350	ePKP	20	32.00	4.1X	YLV	152.22	316	ePKP	21	13.60	7.8X					3.6mb (1 obs.)					
			i	20	47.80		SNF	152.28	360	PKP	21	10.00	4.6X					SOUTHERN GREECE					(368)
BUL	131.10	211	iPKPc	20	31.00	1.2				e	21	32.90						ML 3.6 (ATH).					
			iSKP	23	51.00		SRO	152.50	339	ePKP	21	08.10	2.3										
MTD	132.37	217	ePKPc	20	33.20	1.0				i	21	27.70					VLS	1.20	335	iPnd	47	41.20	1.5
SOD	133.18	348	ePKP	20	31.00	-1.1	GRF	152.52	350	ePKP	21	12.80	7.0X							eSb	48	02.80	
			i	20	52.00		ZST	152.55	341	ePKP	21	09.30	3.4X				ATH	2.15	65	ePb	47	54.00	0.6
KRI	133.39	215	ePKP	20	35.60	1.4				i	21	16.50								eSg	48	29.00	
			iSKP	24	03.00					e	21	28.00					KZN	3.23	7	ePn	48	10.00	1.2
SUF	137.33	345	ePKP	20	31.00	-9.1X				i	21	42.30								eSn	48	54.00	
IR2	137.50	298	(PKP)	20	38.00	-3.5X	KHC	152.61	346	iPKPc	21	07.90	1.9				OHR	4.02	355	ePn	48	19.80	-0.3
NUR	139.61	344	ePKP	20	39.00	-5.3X		1.0s		35.00nm							VAY	4.34	13	ePn	48	24.00	-0.5
			i	20	46.50					i	21	17.00					SKO	4.87	2	ePn	48	31.00	-1.0
			i	21	04.10					e	21	26.00					HFS	23.56	351	eP	52	25.70	-1.5
NB2	141.41	354	PKP	20	40.20	-7.5X	DOU	152.70	359	PKP	21	12.70	6.7X					0.8s		1.80nm			3.6mb
	0.8s		5.60nm							e	21	34.30						S.D. = 1.4		on 7 of 7 obs.			
LWI	145.37	227	iPKPd	20	58.30	2.2	VKA	152.72	342	ePKP	21	17.50	11.4X										
ELO	145.83	8	iPKPc	20	54.60	-0.7				i	21	24.90						DEC 25, 1985 04h 01m 59.08± 0.37s					
			i	21	14.40		BCK	152.88	309	iPKP	21	14.20	7.4X					12.297 N ± 6.5km 142.889 E ± 6.3km					
EAB	146.03	8	ePKPc	20	56.00	0.4	WLF	153.08	357	PKP	21	15.90	9.4X					DEPTH = 33.0km (normal)					
			e	21	15.20					e	21	34.60						5.4mb (6 obs.) 4.5Msz (1 obs.)					
EBH	146.07	8	ePKPc	20	55.70	0.0	DIM	153.65	322	ePKP	21	07.00	-0.6					SOUTH OF MARIANA ISLANDS					(210)
			e	21	15.30		ELL	153.67	308	ePKP	21	10.00	2.0										
EDI	146.43	7	ePKP	20	56.30	0.0	KDZ	154.05	322	ePKP	20	58.00	-10.2X				GUMO	2.32	56	eP	02	35.60	-0.1
			e	21	17.30		KBA	154.59	345	ePKP	21	11.50	2.5X				PJG	2.32	56	eP	02	35.30	-0.4
ESY	146.50	7	ePKP	20	56.90	0.5		0.7s		20.30nm							GUA	2.33	58	eP	02	35.40	-0.5
			e	21	16.60					i	21	28.00						0.8s		841.79nm			
EKA	147.01	8	PKP	20	59.00	1.8				i	21	37.50								e(S)	03	02.00	
	0.7s		8.00nm				LJU	155.25	342	e(PKP)	21	09.00	-0.6				DAV	17.83	255	eP	06	05.20	-1.2
ESK	147.02	8	ePKP	21	00.00	2.8X				e	21	29.00								eS	09	34.00	
PPE	149.79	327	ePKP	21	07.00	5.1X	VOY	155.43	343	e(PKP)	21	09.20	-0.8				MAN	21.34	279	eP	06	46.00	0.3
WIT	149.91	357	ePKPc	21	11.00	9.2X	GRC	155.49	2	iPKPc	21	24.20	14.3X				AAI	21.57	224	eP	06	49.50	1.4

25d 04h

		0.8s		4.10nm			3.9mb X				S	10	15.00			PLM	83.27	49	eP	15	39.00	0.6
			e	12	41.20			WEL	17.17	193	eP	07	37.00	1.4		ISA	83.54	46	eP	15	40.00	0.5
PMG		21.98	169	eP	06	50.00	-2.1				S	10	28.00			JAS1	83.65	43	iP	15	41.00	1.0
BAG		21.99	283	eP	06	54.00	1.6	TCW	17.20	195	eP	07	35.00	-1.0			1.0s		2.50nm			3.8mb X
SHK		24.00	339	eP	07	04.80	-7.0X				eS	10	28.00			GLA	84.51	50	eP	15	46.00	1.7
MAT		24.51	351	eP	07	13.00	-3.7X	MSZ	22.27	203	P	08	24.00	0.2		PRN	86.79	46	P	15	56.80	1.4
		1.5s		55.56nm			4.9mb				S	11	50.00			BMN	87.14	43	iP	15	58.00	1.0
	Z	20s		1.60um			4.5Msz	BRS	24.59	258	iPd	08	45.10	0.0		LTX	90.83	58	iP	16	16.00	1.8
			eS	11	40.00						i	09	40.20				0.9s		14.53nm			4.9mb
SSE		27.41	316	eP	07	45.00	1.3				e(S)	11	52.00			PNT	91.10	35	eP	16	05.00	0.1
	Z	26s		4.40um			4.9MszX	VSG	24.64	305	eP	08	44.00	-1.6		PV09	91.32	48	P	16	17.30	0.7
	N	16s		1.10um				COO	25.55	250	iPd	08	55.00	1.4		ALQ	91.42	52	eP	16	17.00	0.1
			esS	12	52.00			TBI	27.92	94	iP	09	14.20	-0.2			0.9s		5.88nm			4.6mb
HKC		29.12	294	eP	08	05.00	5.8X		1.0s		115.00nm			5.4mb		BDW	93.22	44	eP	16	25.00	-0.1
WHN		32.03	309	eP	08	26.50	1.6	CAN	28.77	241	iPd	09	21.90	0.1			0.9s		3.25nm			4.4mb
CTA		32.35	174	iPd	08	28.50	0.7				iPcP	10	37.60			JCT	94.34	59	iP	16	30.50	0.2
		1.1s		41.77nm			5.2mb	AFR	29.04	82	iP	09	23.60	-0.6			0.9s		5.46nm			4.7mb
			iS	13	45.00				0.8s		60.00nm			5.2mb		GOL	94.46	48	eP	16	31.50	0.6
WB2		33.12	195	eP	08	33.90	-0.6	YOU	29.05	243	iPd	09	25.60	1.4			0.8s		2.38nm			4.4mb
WRA		33.12	195	Pc	08	33.90	-0.6				i	10	28.90			SOD	134.19	346	ePKP	22	27.00	2.5X
		0.9s		28.20nm			5.2mb	WAM	29.07	239	eP	09	25.80	1.5					iSKP	25	06.90	
MDJ		34.17	343	eP	08	43.70	0.4				i	10	44.30			KJF	136.49	343	ePKP	22	17.00	-12.0X
BJI		36.31	324	eP	09	01.00	-0.6	PAE	29.18	82	eP	09	24.00	-1.4					iSKP	25	14.00	
			epP	09	06.00	17kmX			0.8s		35.00nm			4.9mb		SUF	138.10	342	ePKP	22	21.00	-11.0X
			eS	14	30.00			PPT	29.21	82	eP	09	24.00	-1.7		NUR	140.30	341	ePKP	22	31.00	-5.0X
ASPA		36.81	194	eP	09	89.00	3.0X		0.8s		80.00nm			5.3mb					iSKP	25	25.00	
TIY		37.15	318	eP	09	08.00	-0.8	PPN	29.35	82	eP	09	26.00	-0.9		NB2	142.80	351	PKP	22	36.40	-4.0X
			sP	09	16.00				0.8s		45.00nm			5.1mb			0.9s		5.70nm			
			S	14	54.50			TVO	29.43	83	iP	09	27.20	-0.5		HFS	143.26	349	ePKP	22	37.80	-3.4X
XAN		37.72	311	eP	09	12.40	-1.2		0.8s		65.00nm			5.2mb			0.4s		18.10nm			
RMO		38.97	172	iPd	09	18.20	-5.9X	CMS	30.82	249	iPd	09	39.90	0.5		HRI	147.68	294	ePKP	22	54.00	4.5X
		0.7s		272.00nm			6.1mb	CTA	31.47	271	iPd	09	45.90	0.8		JER	148.27	291	iPKPc	22	55.50	5.1X
HHC		39.54	322	eP	09	28.40	-0.4		0.6s		218.33nm			5.9mb		PRNI	148.51	288	ePKP	22	56.00	5.2X
KMI		39.95	294	eP	09	39.00	6.4X				iS	14	48.70			KRA	150.26	334	ePKP	22	58.60	5.9X
CD2		40.56	303	eP	09	36.00	-1.2				iScP	15	21.00			MLR	150.48	321	ePKP	22	59.00	5.6X
LZH		42.36	311	P	09	58.00	5.9X	PMO	31.63	78	iP	09	46.00	-0.4		KSP	150.96	338	iPKPd	23	03.50	9.7X
STK		43.94	182	eP	10	04.00	-0.7		0.9s		60.00nm			5.1mb		CLL	151.55	343	e(PKP)	23	01.00	6.4X
		0.5s		58.00nm			5.6mb	TPT	31.88	79	iP	09	48.40	-0.2		BRG	151.67	341	iPKP	23	02.00	7.2X
			e	10	11.00				0.9s		95.00nm			5.3mb			1.9s		14.00nm			
PSI		44.55	261	eP	10	03.00	-7.0X	RUV	32.02	79	iP	09	49.30	-0.4					i	23	13.00	
			e	13	00.00				0.9s		60.00nm			5.1mb		PRU	152.27	340	ePKP	23	03.00	7.3X
GTA		46.62	313	eP	10	25.00	-1.2	TOO	32.04	238	iPd	09	50.60	0.8					e	23	15.60	
			sP	10	33.00			RAB	33.61	303	eP	09	54.00	-9.1X		BNG	153.12	225	iPKPd	22	58.50	0.5
ADE		47.17	185	iPd	10	31.90	1.5	BFD	34.26	240	eP	10	09.00	0.6			0.3s		15.00nm			
		0.4s		38.98nm			5.8mb	PMG	34.73	290	iPd	10	12.60	0.1					ic	23	06.10	
GBA		63.62	279	P	12	29.60	0.0	LAT	36.30	294	eP	10	26.00	0.5					ic	23	20.00	
POO		66.51	285	eP	12	47.50	-0.8	ISO	37.42	268	iPd	10	35.10	0.4			S.D. = 1.0		on	69	of	86 obs.
INK		76.29	22	eP	13	46.00	0.0	ASPA	41.91	261	iPd	11	10.70	-0.4								
SBB		90.58	54	eP	15	02.00	2.3		0.3s		153.00nm			6.0mb X		*	DEC 25, 1985 04h 15m 53.85± 1.25s					
			e	15	39.00			WB2	42.34	267	iPd	11	14.10	-0.4			44.471 N ± 6.5km 129.508 W ±12.0km					
GSC		91.22	54	eP	15	06.00	3.3X				iScP	16	02.70				DEPTH = 10.0km (geophysicist)					
			e	15	45.00						eS	16	59.00				4.1mb (2 obs.)					
TPC		92.15	55	eP	15	06.00	-1.0	WRA	42.35	267	Pd	11	13.80	-0.8		OFF COAST OF OREGON						(30)
			e	15	44.00				0.7s		48.90nm			5.1mb								
ARE		146.47	101	ePKP	21	42.00	3.6X	WBN	47.99	256	iPd	11	57.60	-0.6		COR	4.44	86	eP	17	03.00	0.3
ZOBO		149.70	101	PKPc	21	48.00	4.2X	KNA	48.65	270	iPd	12	03.00	-0.3		BFW	4.86	63	eP	17	08.00	-0.9
		1.2s		33.78nm					0.5s		70.00nm			5.3mb		SHW	5.41	69	eP	17	17.00	0.4
LPB		149.71	102	ePKP	21	45.00	1.4	GUA	51.10	314	e(P)	12	20.00	-1.4		GMW	5.60	54	eP	17	19.30	0.1
		1.0s		36.00nm					0.5s		118.31nm			5.6mb		LON	5.86	64	eP	17	23.00	0.1
			i	21	51.20			PJG	51.17	314	e(P)	12	20.40	-1.4		MCW	6.24	45	eP	17	28.30	0.2
CNCB		149.81	102	PKP	21	45.00	1.0	KLG	51.68	249	eP	12	24.20	-1.4		GAS	6.98	131	eP	17	38.00	-0.7
			i	21	52.00				0.6s		27.00nm			4.8mb		PNT	8.33	51	iPc	17	57.60	0.1
SLA		150.45	119	ePKPc	21	52.00	7.7X	KLB	54.69	248	iPd	12	45.90	-1.2			0.5s		36.00nm			5.9mb X
TPZ		151.19	112	ePKP	21	55.00	9.3X		0.5s		44.00nm			5.0mb					pP	18	08.00	
SOB1		175.18	51	ePKP	22	12.80	5.5X	NWAO	54.92	246	iPd	12	47.50	-1.1		NEW	9.37	62	eP	18	10.50	-1.4
		S.D. = 1.1		on	29	of	43 obs.	RKG	54.94	245	iPd	12	47.30	-1.5		JAS1	9.46	131	eP	18	13.50	0.3
									0.4s		20.00nm			4.8mb		LRM	12.12	78	eP	18	50.00	0.3
		DEC 25, 1985 04h 04m 03.73± 0.62s						MEK	54.96	254	iPd	12	47.50	-1.5		EDM	13.75	45	eP	19	11.50	0.4
		24.636 S ± 5.8km 179.986 E ± 4.0km							0.6s		16.00nm			4.5mb		SES	13.82	58	eP	19	13.00	1.0
		DEPTH = 500.7 ± 8.3 km						MBL	55.14	261	iPd	12	49.00	-1.3		BDW	14.54	90	eP	19	26.50	4.7X
		5.0mb (28 obs.)						BAL	55.75	249	iPd	12	53.10	-1.4		YKA	20.02	20	P	20	38.30	9.0X
		SOUTH OF FIJI ISLANDS					(171)		0.4s		28.00nm			4.9mb		ALQ	20.07	110	eP	20	30.80	0.5
								MUN	55.93	247	iPd	12	54.80	-0.9			1.0s		4.25nm			3.7mb
VUN		6.75	348	ePc	05	47.50	-0.9	MRWA	56.62	250	iPd	12	59.40	-1.1		FFC	20.45	50	eP	20	33.00	-0.9
NDF		7.24	340	eP	05	54.00	0.6		0.5s		22.00nm			4.7mb			0.9s		17.00nm			4.4mb
NOU		12.64	278	iPd	06	52.00	2.0	NAU	58.64	258	iPd	13	14.00	-0.3		INK	23.99	356	eP	21	09.00	0.1
			iS	09	11.60				0.4s		31.00nm			5.1mb			S.D. = 0.7		on	16	of	18 obs.
			ScP	14	32.90			SPA	65.51	180	iPc	13	59.90	1.4								
DZM		12.70	279	iPd	06	52.90	2.1		0.7s		3.52nm			4.1mb			DEC 25, 1985 04h 47m 08.04± 0.25s					
			iS	09	11.20			MAT	72.49	326	(P)	14	40.00	-0.4			32.128 N ± 4.7km 89.713 E ± 3.9km					
			ScP	14	33.20				1.0s		25.00nm			4.7mb			DEPTH = 33.0km (normal)					
KRP		13.78	195	P	07	02.20	0.5	KGM	78.74	277	iPd	15	15.80	0.5			4.9mb (8 obs.)					
			e	07	06.80			SYP	81.87	46	eP	15	32.00	0.7		TIBET						(306)
			S	09	36.00			IPM	81.90	279	ePd	15	31.90	0.2								
GNZ		14.07	186	P	07	07.90	3.3X		0.8s		71.30nm			5.3mb		LSA	2.72	153	Pn	47	48.60	-2.1
			S	09	36.00			MWC	82.97	47	eP	15	37.00	0.2					iPgc	47	53.90	
MNG		16.38	192	P	07	27.20	-0.7	BAR	83.02	49	eP	15	37.00	0.1					iSg	48	34.30	

KKN	5.79	223	iP	48	34.60	0.6
PKI	5.88	221	iP	48	35.20	-0.3
DMN	6.02	223	iP	48	38.70	1.3
GTA	10.95	46	P	49	45.00	-0.7
NDI	11.32	256	eP	49	48.50	-2.0
WMQ	11.78	353	P	49	57.00	0.2
CD2	12.05	92	eP	50	01.60	1.2
LZH	12.36	68	e(P)	50	03.00	-1.7
KSH	13.32	307	eP	50	20.30	2.9X
KMI	13.39	118	eP	50	19.00	0.5
GYA	15.82	107	P	50	50.60	0.5
XAN	16.21	78	eP	50	53.60	-1.4
HYB	17.79	217	eP	51	15.00	0.2
BTO	18.38	57	eP	51	22.00	0.0
TIY	19.43	67	eP	51	33.80	-0.8
HHC	19.57	57	P	51	36.20	0.0
WHN	21.10	88	eP	51	52.50	0.5
GBA	21.60	214	P	51	59.00	1.9
BJI	22.74	62	eP	52	09.50	1.2
			eS	55	40.00	
CN2	30.26	57	eP	53	18.00	-0.1
KJF	49.44	329	iP	55	57.00	0.5
	0.8s		20.50nm		5.2mb	
SUF	49.93	327	eP	56	00.00	-0.2
MLR	50.21	305	eP	56	04.00	1.1
MMB	52.48	300	iPgd	56	22.00	2.0
SRS	52.68	300	iPc	56	15.80	-5.7X
LIT	53.74	299	ePc	56	23.50	-5.7X
HFS	55.89	324	eP	56	43.90	-0.7
	0.8s		14.50nm		5.1mb	
	Z 16s		0.27um		4.4MszX	
			LR	21	25.00	
NB2	57.00	325	P	56	51.60	-1.0
	0.7s		4.60nm		4.6mb	
BSF	62.51	311	eP	57	29.90	-0.8
LPG	63.30	309	eP	57	36.00	-0.2
	0.8s		9.40nm		5.0mb	
MEK	64.55	151	eP	57	44.00	-0.2
SMF	64.81	311	eP	57	45.00	-0.7
	0.8s		3.20nm		4.5mb	
SSF	64.87	311	eP	57	45.40	-0.7
AVF	65.07	311	eP	57	46.60	-0.7
TCF	65.99	311	eP	57	53.10	-0.2
CAF	66.60	309	eP	57	57.20	0.0
RJF	66.81	310	eP	57	58.50	0.0
WRA	67.13	134	Pd	58	00.80	0.0
	0.9s		10.60nm		4.9mb	
WB2	67.14	134	eP	58	00.90	0.0
LFF	67.46	310	eP	58	02.60	0.9
MBC	70.34	7	eP	58	21.00	1.1
BNG	71.71	264	iPc	58	27.40	-1.8
	0.5s		8.00nm		5.0mb	
			id	58	30.00	
COL	73.49	22	eP	58	41.00	2.2
MTD	73.90	238	eP	58	43.00	1.0
INK	74.84	15	ePd	58	47.00	0.5
CTA	74.99	126	eP	58	49.00	0.9
KRI	75.36	239	eP	58	49.70	-0.7
BUL	78.22	237	iP	59	06.00	-0.4
	0.8s		2.24nm		4.2mb	
YKA	83.70	11	P	59	35.50	1.1
SPA	121.95	180	ePKP	05	58.60	-1.2
	1.0s		3.00nm			
	S.D. = 1.0		on 48 of 51 obs.			

DEC 25, 1985 04h 56m 06.90± 0.55s
40.867 N ± 5.4km 23.015 E ± 5.3km
DEPTH = 10.0km (geophysicist)
GREECE (364)

THE	0.24	189	iPc	56	11.80	-0.2
			eS	56	15.10	
SOH	0.26	100	ePc	56	11.70	-0.7
			eS	56	15.10	
KNT	0.31	343	iPd	56	12.90	-0.4
			iS	56	17.10	
GRG	0.47	281	iPc	56	16.70	0.2
			eS	56	24.40	
VAY	0.57	324	iPg	56	18.30	-0.1
			iSg	56	26.30	
OUR	0.91	126	ePc	56	24.10	-0.2
			iS	56	37.10	
PAIG	1.07	151	eP	56	27.30	0.3
			eS	56	43.70	
KDZ	1.92	66	iP	56	41.00	1.0
			iS	57	08.00	
	S.D. = 0.6		on 8 of 8 obs.			

• DEC 25, 1985 05h 17m 10.68± 0.90s
38.834 S ±12.4km 74.518 W ±17.1km
DEPTH = 33.0km (normal)
4.4mb (4 obs.)
OFF COAST OF CENTRAL CHILE (134)

LNV	5.48	28	eP	18	31.70	-0.3
CHCH	5.80	34	eP	18	36.00	-0.7
TACH	5.92	30	eP	18	37.00	-1.5
PCH	6.13	33	eP	18	41.00	-0.4
RFA	6.33	52	e(P)	18	46.20	2.1
BACH	6.37	32	ePd	18	44.00	-0.7
PEL	6.47	30	eP	18	45.50	-0.7
FCH	6.47	33	eP	18	46.20	-0.3
JACH	6.92	29	iP	18	51.40	-1.1
TPZ	18.89	26	eP	21	35.00	3.7X
ARE	22.45	8	eP	22	11.00	2.5
VAO	28.27	64	eP	23	08.40	5.3X
ITA	30.28	66	eP	23	22.00	0.6
SPA	51.35	180	ePd	26	11.90	-2.0
	1.0s		4.00nm		4.3mb	
BHO	75.25	343	eP	28	52.70	1.0
	1.3s		4.20nm		4.3mb	
TUL	76.93	342	e(P)	29	00.70	-0.5
	1.0s		10.40nm		4.8mb	
KIC	78.49	72	eP	29	12.40	2.1
ALQ	79.14	334	eP	29	13.90	0.3
	1.0s		6.00nm		4.5mb	
GBA	144.70	128	PKP	36	45.50	-0.5
	S.D. = 1.4		on 17 of 19 obs.			

DEC 25, 1985 06h 25m 45.58± 0.68s
47.709 N ± 7.4km 6.447 E ± 6.4km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 3.0 (LDG).

BSF	0.26	62	Pg	25	50.50	-0.7
			Sg	25	53.20	
HAU	0.30	347	Pg	25	53.80	1.9
			Sg	25	59.00	
CDF	0.90	38	Pg	26	02.60	-0.2
			Sg	26	14.00	
ZUL	1.34	99	eP	26	09.40	-0.8
SLE	1.38	87	ePd	26	09.90	-1.0
EMS	1.67	168	ePc	26	16.40	1.2
LOR	1.81	257	Pg	26	21.80	4.8X
			Sg	26	46.00	
LBF	1.83	248	Pn	26	16.60	-0.7
			Pg	26	22.00	
			Sg	26	46.40	
LLS	1.93	115	eP	26	22.50	3.6X
MMK	1.96	147	ePc	26	21.50	2.1
WLF	1.97	354	eP	26	50.20	31.0X
SMF	2.07	240	Pn	26	20.10	-0.7
			Pg	26	25.80	
			Sn	26	45.40	
			Sg	26	53.20	
SSF	2.10	253	Pg	26	27.00	5.8X
			Sg	26	54.10	
LPG	2.22	174	Pg	26	27.30	4.0X
			Sg	26	55.40	
AVF	2.30	248	Pg	26	30.50	6.4X
			Sg	27	00.80	
DOU	2.68	334	eP	26	37.20	7.6X
			e	27	02.20	
BGF	2.71	246	Pn	26	29.10	-0.9
			Pg	26	38.00	
MZF	3.04	242	Pg	26	44.50	9.9X
			Sg	27	24.20	
TCF	3.23	245	Pg	26	47.60	10.3X
	S.D. = 1.4		on 10 of 19 obs.			

DEC 25, 1985 07h 16m 57.87± 0.55s
50.255 N ± 5.4km 12.420 E ± 5.1km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.6 (GRF), 2.4 (KBA).

HOF	0.35	280	iPgd	17	05.10	-0.1
MOX	0.65	308	iPg	17	10.60	-0.2
			iSg	17	19.50	
GRF	0.96	234	iPgc	17	16.10	0.0
			eSg	17	28.90	
			eLg	17	30.80	
CLL	1.12	19	iPg	17	19.00	0.2
			iSg	17	34.40	
WET	1.15	165	iPgd	17	18.80	-0.6
BRG	1.15	57	iPg	17	19.50	0.1
			iSg	17	35.00	
KHC	1.35	146	iPg	17	21.80	-1.0
			iSg	17	39.90	
PRU	1.39	100	Pg	17	23.30	0.8
			Sg	17	40.70	
KBA	3.24	169	e(Pn)	17	51.50	1.6
			iSg	18	41.70	
	S.D. = 0.8		on 9 of 9 obs.			

DEC 25, 1985 08h 28m 19.07± 0.66s
50.244 N ± 6.3km 12.429 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.5 (GRF).

MOX	0.66	308	ePg	28	32.00	-0.2
			iSg	28	40.00	
GRF	0.96	235	iPgc	28	37.50	0.2
			eSg	28	50.00	
			eLg	28	52.30	
CLL	1.13	19	iPg	28	40.20	0.0
			iSg	28	55.50	
BRG	1.16	56	iPgc	28	40.70	0.0
			iSg	28	56.20	
KHC	1.34	146	Pg	28	43.50	-0.3
			Sg	29	01.20	
PRU	1.38	100	ePg	28	44.60	0.2
			Sg	29	01.70	
	S.D. = 0.3		on 6 of 6 obs.			

? DEC 25, 1985 08h 34m 25.15± 2.28s
36.916 N ±21.6km 141.818 E ±32.2km
DEPTH = 90.4 ± 24.5 km
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (I JMA) at Mito and Onahama.

ONA	0.73	273	iPd	34	43.20	1.0
			iS	34	50.10	
MIT	1.21	244	eP	34	46.00	-1.6
			S	34	55.50	
FKS	1.36	309	eP	34	55.00	5.5X
			S	35	10.90	
TSK	1.54	243	iPd	34	50.20	-1.7
TOK	2.07	234	eP	34	59.00	0.2
			eS	35	17.00	
KYS	2.18	219	eP	35	02.00	1.6
DDR	2.31	247	eP	35	01.20	-0.9
SRY	2.43	238	eP	35	03.30	-0.5
OYM	2.56	235	eP	35	06.10	0.5
MAT	2.92	264	iPc	35	12.00	1.5
			eS	35	43.00	
WB2	56.99	188	eP	44	12.20	8.7X
YKA	63.75	30	P	44	48.80	-0.3
	S.D. = 1.5		on 10 of 12 obs.			

• DEC 25, 1985 08h 46m 16.79± 1.55s
36.574 N ± 7.7km 70.915 E ±10.7km
DEPTH = 211.8 ± 17.9 km
4.6mb (6 obs.)
HINDU KUSH REGION (718)

NDI	9.49	144	iPc	48	30.20	0.0
	0.5s		35.21nm		4.9mb	
			iS	50	08.50	
DMN	14.97	123	eP	49	39.40	-0.2
KKN	14.97	122	eP	49	39.20	-0.4
PKI	15.20	122	eP	49	42.20	-0.3
POO	18.16	171	eP	50	16.50	0.5
HYB	20.24	158	eP	50	38.00	0.8
	1.0s		25.00nm		4.7mb	
			e	50	40.50	
			eS	54	28.00	
GBA	23.61	164	P	51	10.60	0.7
			S	55	09.60	
KJF	37.79	331	iP	53	14.00	0.3
SUF	37.82	328	iP	53	14.50	0.5
	0.4s		7.10nm		4.6mb	
SOD	39.64	335	iP	53	29.40	0.5
KEV	40.71	338	eP	53	37.00	-0.6
HFS	42.97	322	eP	53	56.10	0.0
	0.7s		10.50nm		4.4mb	
NB2	44.28	323	P	54	06.50	-0.2
	0.6s		5.10nm		4.2mb	
BNG	57.61	249	iPd	55	45.60	-1.4

25d 08h

0.6s 6.00nm 4.5mb
INK 73.84 9 eP 57 29.00 -0.2
COL 74.42 16 eP 57 33.00 0.4
YKA 81.18 3 P 58 10.00 0.6
WB2 82.10 122 eP 58 14.00 -0.9
S.D. = 0.7 on 18 of 18 obs.

DEC 25, 1985 09h 00m 50.05± 0.50s
50.242 N ± 4.8km 12.432 E ± 4.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.4 (FUR), 2.8 (GRF).

HOF 0.36 282 iPgd 00 57.50 0.0
MOX 0.66 308 iPg 01 03.00 -0.2
iSg 01 12.00
GRF 0.96 235 iPgc 01 08.50 0.2
eSg 01 20.80
eLg 01 23.00
CLL 1.13 19 iPg 01 11.20 0.0
iSg 01 26.40
WET 1.14 165 iPgc 01 11.40 0.1
BRG 1.15 56 iPgc 01 11.80 0.2
iSg 01 26.80
KHC 1.34 146 iPg 01 14.50 -0.2
iSg 01 32.00
PRU 1.38 100 iPg 01 15.30 0.0
Sg 01 32.50
FUR 2.21 200 iPgc 01 33.70 6.3X
KBA 3.22 169 eP 02 30.00 48.1X
0.5s 4.80nm
i(Sg) 02 32.40
i 02 37.00
S.D. = 0.2 on 8 of 10 obs.

DEC 25, 1985 09h 10m 50.54± 0.52s
50.243 N ± 5.0km 12.443 E ± 4.6km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.3 (FUR).

HOF 0.37 281 iPgd 10 58.10 0.0
MOX 0.67 308 ePg 11 03.50 -0.3
iSg 11 12.50
GRF 0.96 235 iPgc 11 09.20 0.3
eSg 11 21.60
eLg 11 24.00
CLL 1.13 18 iPg 11 11.50 -0.1
iSg 11 26.50
WET 1.13 165 iPgd 11 12.00 0.2
BRG 1.15 56 iPgc 11 12.60 0.6
iSg 11 28.10
KHC 1.34 146 iPg 11 14.80 -0.4
iSg 11 33.00
PRU 1.38 100 Pg 11 15.40 -0.3
Sg 11 33.50
FUR 2.22 201 iPgc 11 34.30 6.4X
S.D. = 0.4 on 8 of 9 obs.

• DEC 25, 1985 10h 09m 37.09± 2.16s
33.539 S ± 8.2km 71.537 W ±20.2km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV 0.43 166 iPc 09 46.00 -0.6
i(S) 09 55.50
TACH 0.51 103 iP 09 47.50 -0.4
iS 09 57.10
SAN 0.74 84 eP 09 50.30 -0.8
SAN 0.74 84 i(P) 09 50.70 -0.4
i 10 04.10
PEL 0.81 61 iPd 09 50.80 -1.4
CHCH 0.84 118 iP 09 53.00 0.5
BACH 0.89 78 iPd 09 52.50 -0.8
FCH 1.06 79 iP 09 55.70 -0.3
i 10 10.00
i(S) 10 12.50
JACH 1.17 43 iPc 09 54.60 -2.6
RFA 2.83 117 ePd 10 22.70 1.7
RTCV 3.03 57 ePc 10 26.00 2.1
RTCB 3.09 49 ePc 10 25.60 1.1
ZON 3.13 51 eP 10 26.00 0.7
RTLL 3.40 50 ePc 10 29.70 0.5
S 11 11.20
VCA 5.57 32 ePc 11 02.00 2.0
S 12 15.00
SLA 10.24 33 ePd 12 03.80 -1.2

S.D. = 1.4 on 16 of 16 obs.

DEC 25, 1985 10h 15m 51.12± 0.68s
50.232 N ± 6.5km 12.431 E ± 6.1km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.1 (GRF).

MOX 0.67 309 ePg 16 04.00 -0.4
iSg 16 13.00
GRF 0.95 236 ePg 16 09.70 0.5
eSg 16 22.00
eLg 16 24.60
CLL 1.14 18 iPg 16 12.30 -0.1
iSg 16 27.20
BRG 1.16 56 iPg 16 13.20 0.4
iSg 16 28.40
KHC 1.33 145 Pg 16 15.20 -0.5
Sg 16 33.30
PRU 1.38 99 ePg 16 16.50 0.1
eSg 16 34.50
S.D. = 0.5 on 6 of 6 obs.

• DEC 25, 1985 11h 08m 58.15± 1.00s
50.283 N ± 9.0km 12.403 E ± 8.8km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX 0.62 306 ePg 09 10.50 -0.2
eSg 09 19.50
CLL 1.10 20 iPg 09 18.90 0.2
iSg 09 34.80
BRG 1.15 58 iPg 09 19.90 0.3
iSg 09 34.60
KHC 1.38 146 ePg 09 24.00 0.5
Sg 09 40.00
PRU 1.41 101 ePg 09 23.00 -0.8
Sg 09 41.20
S.D. = 0.7 on 5 of 5 obs.

& DEC 25, 1985 11h 21m 49.60s
33.270 N 116.430 W
DEPTH = 2.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.1 (PAS).

PLM 0.37 283 iPc 21 57.10 0.1
BAR 0.62 199 iPd 22 01.20 -0.8
PEC 0.87 316 eP 22 06.00 -1.0
TPC 0.89 21 iPc 22 06.40 -1.1
CBX 0.97 192 iPc 22 07.60 -1.2
S 22 22.10
ENX 1.40 188 iPc 22 14.80 -1.2
S 22 33.80
SDW 1.44 338 eP 22 16.00 -0.8
7 obs. associated

DEC 25, 1985 13h 30m 39.29± 0.58s
50.222 N ± 6.0km 12.432 E ± 4.7km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.6 (FUR), 2.8 (GRF).

HOF 0.37 205 iPgd 30 46.70 -0.2
MOX 0.67 309 iPg 30 52.50 -0.2
iSg 31 02.00
GRF 0.94 236 iPgc 30 57.70 0.4
eSg 31 10.30
eLg 31 12.80
CLL 1.15 18 iPg 31 00.80 0.0
iSg 31 15.80
BRG 1.17 55 iPgc 31 01.20 0.1
iSg 31 16.30
KHC 1.32 145 iPg 31 03.40 -0.3
iSg 31 21.00
PRU 1.38 99 iPg 31 04.60 0.1
Sg 31 20.80
e 31 22.60
FUR 2.19 201 iPgc 31 23.00 6.7X
KBA 3.20 169 eP 32 21.00 50.2X
0.5s 4.30nm
i(Sg) 32 24.10
i 32 26.60
S.D. = 0.3 on 7 of 9 obs.

DEC 25, 1985 14h 29m 39.52± 0.24s
42.284 N ± 3.3km 19.947 E ± 2.5km
DEPTH = 10.0km (geophysicist)
4.3mb (6 obs.)
YUGOSLAVIA (383)
DUR 3.5 (TTG).

PVY 0.31 4 iPgc 29 45.50 -0.5
iSg 29 50.20
TTG 0.53 286 iPgc 29 49.20 -1.0
iSg 29 59.00
IVA 0.59 357 iPgc 29 50.20 -1.3
eSg 29 59.20
ULC 0.61 239 iPg 29 52.00 0.2
eSg 30 01.70
BDV 0.83 270 ePg 29 56.00 0.4
eSg 30 09.00
NKY 0.88 307 iPg 29 55.60 -0.9
eSg 30 08.30
HCY 1.09 279 iPg 30 00.00 0.1
iSg 30 16.60
PLE 1.12 339 ePg 30 00.20 -0.4
eSg 30 17.00
SKD 1.15 105 iPg 30 00.30 -0.8
i 30 04.00
iSn 30 16.60
BRY 1.21 301 ePg 30 00.90 -1.2
eSg 30 19.00
OHR 1.33 151 iPn 30 02.40 -1.8
VAY 2.18 115 iPn 30 16.50 0.1
GRG 2.27 125 iPd 30 18.00 0.3
KZN 2.41 145 eP 30 21.00 1.4
VTS 2.43 81 iP 30 20.00 0.2
iSg 31 05.00
KNT 2.48 116 ePc 30 20.10 -0.5
eS 30 50.60
THE 2.81 125 eP 30 25.50 0.3
eS 30 56.40
LIT 2.91 138 iPc 30 27.10 0.4
SOH 2.94 119 ePd 30 27.20 0.0
eS 30 58.00
SRS 2.97 112 eP 30 27.50 0.0
PLD 3.54 91 eP 30 40.00 4.4X
iS 31 37.00
OUR 3.61 121 iPd 30 36.20 -0.4
PVL 3.95 76 eP 30 42.00 0.6
KDZ 4.08 97 iP 30 44.00 0.7
VLS 4.13 173 eP 30 43.00 -1.0
DIM 4.20 91 eP 30 59.00 14.0X
Sg 31 57.00
CMP 4.74 49 ePc 31 15.00 22.2X
CEY 5.27 313 ePn 31 02.50 2.3
eSn 32 05.00
MLR 5.39 51 eP 31 03.00 1.0
LJU 5.41 316 ePn 31 03.80 1.6
e(Sn) 32 15.00
e(Sg) 32 38.00
ISR 5.57 57 eP 31 10.00 5.5X
TRI 5.62 310 iPnd 31 05.60 0.5
iSn 32 10.60
iSg 32 44.10
i 32 49.00
PSZ 5.64 360 ePn 31 04.20 -1.2
SRO 5.65 349 iPn 31 04.50 -1.0
i(Sn) 32 17.90
e 52 23.30
e 52 42.50
VOY 5.74 313 iPn 31 08.10 1.1
iPg 31 33.90
eSn 32 17.60
eSg 32 53.70
SOP 5.91 337 e(P) 30 31.00 -38.1X
VRI 6.06 51 eP 31 11.00 -0.3
ZST 6.24 342 i(P) 31 21.80 8.0X
i 31 31.60
e 33 16.60
i(Sg) 52 08.60
TLB 6.32 66 eP 31 16.00 1.0
VKA 6.50 338 eP 31 24.50 6.9X
0.8s 22.70nm 5.2mb
KBA 6.72 318 iPnc 31 21.50 0.8
iSn 32 39.40
SPC 6.91 2 eP 31 26.00 2.6X
e 52 57.70
BHG 7.39 320 eP 31 31.70 1.7
KHC 8.17 329 P 31 41.90 1.0
0.8s 16.00nm 5.3mb X
e 31 57.40
e 34 17.00

CVF	8.20	276	eP	31	42.20	0.8	DOU	5.00	271	Pn	51	34.90	5.2X	PRI	26.04	174	eP	48	18.60	1.2
OSS	8.27	305	ePd	31	42.30	-0.3				e	15	48.60		ISA	26.66	170	eP	48	24.00	0.9
PRU	8.57	336	eP	31	54.90	7.6X	LOR	6.37	245	Pn	51	49.00	0.0	GSC	27.18	167	eP	48	30.00	2.2
			e	32	32.00					Pg	52	14.20		SYP	27.68	173	eP	48	36.00	3.5X
			e	33	59.00					Sg	53	36.00		SBB	27.69	169	eP	48	33.00	0.6
VDL	8.60	303	ePd	31	47.90	0.8	SSF	6.08	245	Pg	52	19.80	26.4X	MWC	28.13	169	eP	48	37.00	0.5
TMA	8.82	299	eP	31	48.60	-1.6				Sg	53	46.20		PAS	28.19	170	eP	48	37.00	0.1
KSP	8.92	345	eP	31	52.00	0.7	SMF	6.72	241	Pg	52	19.50	25.6X	GDH	28.34	45	iPd	48	38.40	0.5
SAX	9.03	307	eP	31	53.10	0.0	S.D. = 0.4 on 15 of 22 obs.								1.3s	188.46nm				5.7mb
LLS	9.06	304	ePc	31	55.20	1.8								TPC	28.45	166	eP	48	40.00	0.7
MMK	9.40	298	eP	31	59.50	1.3	DEC 25, 1985 15h 42m 42.51± 0.12s							PLM	29.10	168	eP	48	46.00	0.7
GRF	9.57	324	eP	32	00.00	-0.3	62.068 N ± 2.0km 124.085 W ± 2.6km							ALO	29.35	149	eP	48	48.00	0.5
			e(S)	34	24.00		DEPTH = 10.0km (geophysicist)								1.2s	41.80nm				5.1mb
DIX	9.77	297	eP	32	02.70	-0.7	5.7mb (57 obs.) 5.0Msz (4 obs.)							GLA	29.63	164	eP	48	50.00	0.1
SLE	9.78	308	ePd	32	01.60	-1.7	NORTHWEST TERRITORIES, CANADA (679)							ACO	29.76	137	eP	48	50.00	-1.1
FRF	9.84	282	eP	32	06.40	2.3X	Felt at Yakutat, Alaska.							BAR	29.79	167	eP	48	51.00	-0.3
LRG	10.05	281	eP	32	07.00	0.2								SCH	29.93	77	ePd	48	45.50	-6.9X
LPG	10.05	293	eP	32	07.20	-0.1	FST1	1.37	101	Pg	43	08.50	0.9		0.7s	47.00nm				5.4mb
	0.6s	5.70nm				5.2mb X	YKA	4.45	80	P	43	50.30	-1.2	OZO	31.36	139	eP	49	02.70	-2.5
EMS	10.09	296	ePd	32	07.60	0.0	RSNT	4.46	81	P	43	50.40	-1.2	DLA	31.45	108	P	49	06.90	1.1
MOX	10.14	328	eP	32	13.00	4.9X	YKC	4.51	81	eP	43	51.00	-1.3	LDN	31.48	107	P	49	06.20	0.1
CDF	10.81	309	eP	32	16.80	-0.6	INK	7.41	332	iPc	44	30.20	-2.9X	TUL	31.60	133	eP	49	06.30	-0.9
BSF	10.83	305	eP	32	17.00	-0.7		0.8s	648.00nm				6.9mb X		1.2s	20.30nm				4.9mb
	0.7s	5.20nm				5.0mb X	SIT	7.60	234	ePd	44	33.70	-2.1	Z	19s	16.20um				5.7Msz
SMF	12.30	296	eP	32	34.40	-3.2X	YAH	8.69	267	eP	44	50.40	-0.9	MEO	31.70	138	e(P)	49	07.00	-1.1
	1.0s	12.80nm				5.1mb X	TOA	10.34	280	eP	45	14.10	0.2	OTT	32.18	99	eP	49	11.00	-1.2
LBF	12.30	298	eP	32	37.20	-0.4	EDM	10.55	142	eP	45	12.40	-4.4X	MNT	33.07	96	iPc	49	18.50	-1.5
	0.6s	3.90nm				4.8mb X	COL	10.94	295	eP	45	19.00	-3.0X	BHO	33.30	133	ePc	49	20.90	-1.2
LOR	12.47	299	eP	32	39.00	-0.8		0.9s	138.66nm				6.3mb X	DAG	33.92	23	iPd	49	26.20	-0.8
NB2	19.52	347	P	34	09.10	-0.6	F8A	10.94	295	ePd	45	19.30	-2.7X		1.8s	200.00nm				5.7mb
	0.7s	2.20nm				3.5mb	PHC	11.54	191	eP	45	27.20	-2.9X	SKLY	33.94	99	P	49	26.80	-0.7
EKA	19.93	319	P	34	14.00	-0.1	PME	11.77	279	ePd	45	33.20	0.0	HNME	35.23	90	P	49	37.30	-1.3
	1.7s	55.80nm				4.6mb		0.8s	68.50nm				6.0mb X	JCT	35.33	142	eP	49	39.00	-0.7
SUF	20.80	8	eP	34	22.00	-1.1	PMR	11.82	279	P	45	33.90	0.0		1.1s	82.28nm				5.5mb
	0.8s	5.20nm				3.9mb	PNT	13.02	167	eP	45	46.00	-4.1X	LTX	35.38	148	P	49	48.00	-0.2
RLO	81.93	312	eP	42	02.70	2.1X	IMA	13.47	300	eP	45	52.90	-3.2X		0.8s	24.82nm				5.1mb
TUL	82.54	312	eP	42	05.60	1.8X	FFC	13.67	113	iPc	45	51.90	-6.7X	BLA	36.56	112	P	49	48.50	-1.5
	1.0s	8.10nm				4.8mb		0.7s	204.00nm				6.2mb X	PRM	38.39	117	P	50	04.50	-0.8
BHO	83.15	311	eP	42	09.10	2.1X	YKM	14.04	157	iPd	45	58.70	-4.9X	KEV	46.88	13	iP	51	13.00	-0.9
	0.9s	0.60nm				3.8mb				iS	49	57.40			0.9s	40.60nm				5.5mb
S.D. = 0.9 on 57 of 72 obs.							RXF	14.15	155	iPd	46	01.00	-4.0X	SOD	49.12	14	iP	51	31.20	-0.1
										eS	50	06.00		ASK	51.77	29	eP	52	04.50	12.9X
DEC 25, 1985 14h 50m 14.38± 0.38s							MBC	14.33	5	eP	46	01.60	-5.5X	KJF	52.29	15	iP	51	55.00	-0.6
50.247 N ± 4.8km 12.368 E ± 3.3km							NEW	14.38	161	eP	46	03.00	-5.0X		1.1s	167.90nm				5.9mb
DEPTH = 25.1 ± 4.6 km							LDM	14.51	156	iPc	46	05.30	-4.3X	NB2	52.57	26	P	51	37.20	-0.6
GERMANY (543)										iS	50	16.00			1.3s	157.70nm				5.8mb
ML 3.6 (FUR), 3.5 (KBA), 3.7 (VKA), 3.1 (GRF).							LHD	14.65	157	iPc	46	07.00	-4.6X	EAB	53.07	37	iPc	52	02.00	0.5
							CLX	14.78	156	iPc	46	09.30	-4.0X		0.8s	90.00nm				5.8mb
							KDC	14.82	266	eP	46	13.30	-0.2	EBH	53.25	37	ePc	52	02.10	-0.7
HOF	0.32	282	iPgd	50	21.30	-0.5	SVW	14.97	280	ePc	46	16.20	0.7	SUF	53.52	17	eP	52	04.00	-0.6
MOX	0.62	310	iPg	50	27.00	0.4	BUT	17.40	152	eP	46	44.60	-2.3		0.7s	31.60nm				5.4mb
			iSg	50	36.00		COR	17.52	178	iPc	46	48.00	-0.1	EAU	53.62	37	iPc	52	05.00	-0.5
GRF	0.93	234	iPgc	50	32.40	0.7	SXM	17.59	149	eP	46	45.70	-3.5X	EDI	53.63	37	ePc	52	04.70	-0.8
			eSg	50	44.80		LRM	17.61	152	eP	46	46.10	-3.4X		0.7s	43.00nm				5.6mb
			eLg	50	47.10		LCCM	17.72	151	eP	46	47.20	-3.6X	ESY	53.79	37	iPc	52	06.00	-0.7
CLL	1.14	21	iPg	50	35.20	0.5	CCMT	18.38	154	eP	46	57.20	-1.8		0.8s	80.00nm				5.8mb
			iSg	50	50.40		HPI	19.49	156	P	47	11.20	-1.5	HFS	53.90	25	eP	52	06.80	-0.7
WET	1.15	163	iPgd	50	35.10	0.1	SDN	19.86	267	eP	47	14.90	-1.1		1.0s	99.10nm				5.8mb
BRG	1.19	57	iPgc	50	35.80	0.4	RSON	19.98	110	P	47	12.40	-5.0X	EKA	54.15	37	Pc	52	08.60	-0.8
			iSg	50	50.70		BDW	21.16	149	P	47	30.00	0.0		0.8s	55.70nm				5.6mb
KHC	1.37	144	lPg	50	38.00	0.0		0.8s	72.99nm				5.1mb	ESK	54.15	37	eP	52	09.00	-0.4
			iSg	50	56.00		FHC	21.30	180	eP	47	32.80	1.6	NUR	55.43	18	iP	52	17.90	-0.8
PRU	1.42	100	Pn	50	38.50	-0.3	WDC	21.54	177	lPd	47	32.90	-0.7		0.9s	54.10nm				5.6mb
			iPg	50	39.30		MIN	21.81	175	lPd	47	36.40	0.0	Z	16s	0.80um				4.9MszX
			Sg	50	56.50		GAS	22.46	177	P	47	43.30	0.4			LR		16	20.00	
FUR	2.20	199	lPgc	50	57.80	7.7X	ORV	22.60	175	eP	47	43.30	-0.8	MUD	56.31	29	lPd	52	25.90	0.8
TNS	2.52	271	ePb	51	02.40	7.8X	MNA	23.94	168	ePd	47	59.20	1.8		1.3s	85.00nm				5.6mb
			eSg	51	35.00		BKS	24.25	176	eP	48	01.00	0.8	MDJ	58.47	306	eP	52	38.00	-2.5
KBA	3.24	168	lPnd	51	05.40	0.5		0.9s	33.00nm				4.9mb	WIT	59.04	32	eP	52	46.00	1.7
			lSg	51	56.80					e	48	14.70					e	52	52.00	
VKA	3.26	126	iPnd	51	05.30	0.3				e	48	46.30		WTS	59.82	33	ePd	52	50.00	0.3
			iSg	51	56.50					eLQ	55	12.00			1.2s	98.00nm				5.8mb
GWF	3.34	249	ePn	51	06.40	0.2	BRK	24.25	176	eP	48	00.30	0.1	UCC	60.27	35	P	52	53.00	0.2
			ePg	51	18.40		JAS1	24.27	173	iPd	48	01.10	0.6	SNF	60.50	35	P	52	53.50	-0.9
			eSg	52	01.60					i	48	17.80		CN2	60.71	309	Pd	52	54.00	-1.9
CDF	3.80	243	Pn	51	13.00	0.2	PCC	24.62	177	ePd	48	04.30	0.5	ENN	60.71	34	ePc	52	55.50	-0.3
			Pg	51	26.20		FRB	24.68	61	eP	48	04.00	-0.2		1.1s	158.00nm				6.1mb
			Sg	52	16.00		MHC	24.80	175	ePd	48	06.20	0.5	FLN	60.72	39	eP	52	55.20	-0.8
WLF	4.06	264	Pn	51	19.70	3.4X	GCC	25.10	176	ePd	48	08.40	0.0		1.1s	87.90nm				5.8mb
			e	52	24.00		GOL	25.13	144	P	48	09.80	0.8	BNS	60.85	33	iPc	52	51.80	-5.0X
MEM	4.08	278	Pn	51	20.90	4.2X	FRI	25.25	172	ePd	48	10.20	0.4		1.2s	140.00nm				6.0mb
BSF	4.39	239	Pn	51	21.00	-0.2	ALE	25.33	16	eP	48	10.00	-0.3	MEM	60.88	34	iPc	52	56.70	-0.2
			Pg	51	37.00			0.8s	83.00nm				5.5mb	GRR	60.95	40	iPc	52	57.20	-0.3
			Sg	52	34.00		SAO	25.38	175	ePd	48	12.20	1.1		1.1s	102.50nm				5.9mb
HAU	4.54	243	Pn	51	22.60	-0.7	LLA	25.55	174	ePd	48	13.50	0.8	DOU	60.97	35	Pc	52	57.90	0.3
			Pg	51	39.70		PRS	25.82	175	ePd	48	15.70	0.5		1.3s	114.30nm				5.8mb
			Sg	52	38.20		CWC	25.93	169	eP	48	17.00	0.6	LDF	60.98	39	eP	52	57.00	-0.7

25d 15h

LPF	61.21	40	iPc	52	58.10	-1.2	CDR	67.16	37	iPc	53	38.50	0.3		0.8s	2.60nm							
WLF	61.78	34	Pc	53	03.20	0.1	LJU	67.24	30	ePKP	53	38.50	-0.1	MTD	131.62	32	ePKP	01	59.00	2.1			
MAT	61.83	295	iPd	53	02.90	-0.8	BJI	67.30	314	eP	53	37.50	-1.5	BUL	134.04	37	iPKPd	02	03.10	1.6			
	0.9s	23.53nm				5.4mb				eS	02	33.00		SLR	139.22	40	ePKP	02	11.00	-0.1			
	Z 20s	0.89um				4.9Msz	TRI	67.37	31	iPc	53	38.90	-0.5		0.9s	33.61nm							
		eS		01	32.00		FRF	67.52	37	eP	53	41.80	1.4	SBA	145.76	201	ePKP	02	22.40	1.6X			
CLL	61.95	29	iP	53	03.80	-0.4		1.3s	137.10nm				6.0mb	SPA	151.91	180	ePKPd	02	29.20	-1.6			
	1.2s	53.00nm				5.6mb	LRG	67.53	37	eP	53	40.80	0.3		0.8s	8.75nm							
		i		53	19.40			1.2s	65.40nm				5.7mb		S.D. = 0.9 on 208 of 237 obs.								
MOX	62.24	30	iPc	53	06.00	-0.2	TOL	67.54	46	eP	53	41.00	0.4										
	1.3s	107.00nm				5.9mb	LMR	67.69	37	eP	53	41.50	0.0		DEC 25, 1985 15h 43m 56.23± 0.45s								
		LR		20	00.00			1.3s	93.80nm				5.8mb		23.982 S ± 3.8km 66.711 W ± 4.8km								
BRG	62.57	29	iPc	53	08.30	0.0	HHC	68.09	318	P	53	43.00	-1.2		DEPTH = 187.1 ± 5.1 km								
	1.3s	75.00nm				5.7mb	FIR	68.56	33	eP	53	47.00	0.2		5.5mb (15 obs.)								
		i		53	14.60		BTO	68.80	319	eP	53	48.00	-0.6		JUJUY PROVINCE, ARGENTINA							(128)	
		e		53	23.00		VRI	69.89	21	eP	53	55.00	0.0										
		e		53	49.00		MLR	70.12	22	ePd	53	57.00	0.4	SLA	1.34	124	iPc	44	32.60	4.8X			
		e		55	37.00		CMP	70.17	23	ePd	53	59.00	2.2				S	44	57.00				
		e		56	59.00		TIA	70.40	311	eP	53	57.20	-1.1	CAC	2.60	305	iP	44	42.00	0.8			
MFF	62.76	40	eP	53	09.50	-0.2				eS	03	10.50		TPZ	2.67	20	iPd	44	46.30	4.2X			
GWF	62.79	34	eP	53	10.00	0.1	ISR	70.56	22	eP	53	56.00	-3.2X				S	45	25.00				
GRF	63.04	31	iPc	53	12.00	0.5	TIY	70.65	315	eP	53	58.40	-1.5	ANT	3.40	274	iPc+	44	50.80	0.2			
	1.2s	102.00nm				5.9mb	PVL	72.25	23	iPd	54	10.00	0.8				iS	45	30.00				
	Z 18s	0.80um				4.9Msz	PSN	72.26	21	iPd	54	12.00	2.8X	CYA	4.52	170	iPd	45	07.60	2.8			
GRC	63.08	37	iPc	53	11.40	-0.4	VTS	72.40	25	iPc	54	10.00	-0.1				S	45	58.80				
SNY	63.10	309	Pc	53	12.00	0.0	SKO	72.64	26	iP	54	12.50	0.9	VCA	4.92	195	ePc	45	12.20	2.0			
KSP	63.11	27	iPc	53	12.00	0.1		1.3s	100.00nm				5.7mb				S	46	08.00				
	1.0s	80.00nm				5.9mb	GTA	72.84	326	P	54	12.70	-0.3	CNCB	7.23	350	iP	45	42.40	1.5			
CDF	63.22	34	eP	53	13.00	0.2	IFR	72.88	50	iP	54	12.50	-0.9				S	47	09.00				
LOR	63.33	37	iPc	53	13.30	-0.2	OHR	73.33	27	iP	54	16.00	0.3	RTLL	7.48	192	ePd	45	42.90	-0.8			
HAU	63.35	35	eP	53	13.50	-0.1	MMB	73.48	25	iPd	54	18.00	1.5	LPB	7.52	350	iPd-	45	46.00	1.4			
SSF	63.42	37	iPc	53	13.90	-0.1	SSE	73.48	306	eP	54	16.00	-0.6		0.8s	462.69nm				5.8mb X			
PRU	63.53	28	ePc	53	14.70	0.0		E 18s	1.00um								iS	47	10.20				
	1.2s	33.00nm				5.4mb				pP	54	27.00	36kmX				LR	48	15.00				
LSF	63.58	39	iPc	53	14.80	-0.3				S	03	48.00		RTCB	7.70	193	ePd	45	46.00	-0.6			
	1.3s	111.90nm				5.9mb	NJ2	73.50	308	Pd	54	16.00	-0.7				S	47	11.00				
AVF	63.62	38	iPc	53	14.90	-0.5	VAY	73.50	26	iP	54	17.30	0.7	ZON	7.73	193	eP	45	46.00	-1.0			
LBF	63.63	37	eP	53	15.10	-0.3	KDZ	73.74	23	iP	54	18.00	0.0	ZOBO	7.79	350	Pc	45	48.20	-0.1			
	1.2s	74.30nm				5.8mb	KZN	74.31	26	eP	54	21.50	0.1		Z 21s	0.88um							
BSF	63.63	35	eP	53	15.50	0.0	LZH	74.83	321	iPd	54	25.00	0.4				iS	47	11.00				
	1.3s	101.00nm				5.9mb	XAN	75.15	317	Pd	54	25.40	-1.0				LR	48	26.00				
BGF	63.69	38	eP	53	15.40	-0.4	EDC	75.45	22	iP	54	28.80	0.9	RTCV	8.01	191	iPd	45	49.30	-1.4			
TCF	63.75	39	iPc	53	15.90	-0.3	EZN	75.68	23	eP	54	29.30	0.2				S	47	15.80				
SMF	63.90	37	iPc	53	16.80	-0.4	GPA	75.91	20	eP	54	31.90	1.3	ARE	8.72	328	eP	45	58.00	-2.2			
MZF	63.92	38	eP	53	16.90	-0.5	VLS	76.10	28	eP	54	32.00	0.4				iS	47	31.00				
	1.3s	77.20nm				5.7mb	PRK	76.23	23	eP	54	33.00	0.7	JACH	9.32	201	iP	46	08.40	0.7			
WET	63.94	30	iPc	53	17.60	0.1	WHN	76.50	311	iPd	54	33.80	-0.1	FCH	9.83	198	eP	46	15.00	0.4			
	1.2s	89.00nm				5.8mb	ATH	76.96	26	eP	54	38.00	-0.4	BACH	9.91	199	eP	46	14.50	-0.9			
KHC	64.12	29	iPc	53	19.40	0.8	KSH	77.53	344	eP	54	41.50	1.8	PCH	10.17	198	eP	46	18.50	-0.3			
	1.0s	116.00nm				6.0mb	YER	78.64	22	iP	54	46.10	0.3	TACH	10.32	200	eP	46	19.00	-1.8			
SLE	64.14	34	ePc	53	18.70	-0.1	BCK	78.72	20	iP	54	47.10	0.9	CHCH	10.50	198	eP	46	23.50	0.4			
ZUL	64.37	34	ePd	53	20.40	0.1	CD2	79.67	320	eP	54	51.50	0.1	RFA	10.86	188	ePc	46	25.50	-2.3			
RJF	64.43	40	eP	53	20.00	-0.7	IR2	82.53	4	eP	55	09.00	2.5X	ITB1	11.26	96	Pd	46	33.80	0.9			
	1.2s	83.30nm				5.8mb	GYA	82.89	316	Pd	55	08.80	0.3	ITB	11.42	97	Pd	46	36.50	1.4			
FUR	64.47	31	iPc	53	21.30	0.4	HRI	83.61	17	eP	55	14.00	2.0	ITB7	11.47	98	eP	46	37.50	1.8			
	1.3s	190.00nm				6.1mb	KER	83.65	7	eP	55	14.00	1.7	VBA	14.60	165	ePc	47	13.00	-2.2			
LFF	64.53	40	eP	53	21.40	0.1	JER	85.00	18	iP	55	20.50	1.5	NNA	15.32	319	iPd	47	24.00	-0.3			
	1.2s	154.70nm				6.1mb	KMI	85.39	318	Pd-	55	22.00	0.7		0.9s	142.86nm				5.4mb			
KRA	64.61	25	eP	53	21.40	-0.3		E 18s	1.30um								eS	50	10.00				
	1.3s	154.00nm				6.0mb				S	05	50.00		VAO	18.14	91	iPc	47	56.70	-0.4			
		e		53	28.10		PRNI	86.38	18	eP	55	27.00	1.1				i	48	04.40				
SAX	64.83	33	ePc	53	23.90	0.3	KKN	87.39	334	eP	55	32.00	0.9				i	48	16.50				
LPO	64.90	40	iPc	53	23.60	-0.1	PKI	87.57	334	eP	55	32.70	0.6				i	48	27.90				
	1.3s	187.70nm				6.1mb		1.4s	105.00nm				5.9mb	BDF	19.52	68	iPc	48	11.20	-0.3			
CAF	64.94	39	iPc	53	23.80	-0.2	DMN	87.60	334	eP	55	33.10	1.0				i	48	43.60				
LLS	65.10	34	ePc	53	25.90	0.7		0.8s	73.00nm				6.0mb	ITA	20.30	90	eP	48	20.20	0.7			
EMS	65.28	35	ePc	53	26.80	0.4	NDI	87.95	341	iPd	55	33.00	-0.5	BMA	20.75	91	eP	48	24.30	0.6			
DIX	65.40	35	ePd	53	28.20	0.9	ARE	88.51	130	eP	55	38.00	1.5				i	48	26.00				
SPC	65.49	25	eP	53	28.60	0.9	ZOBO	89.57	127	Pc	55	41.50	-0.4	RDJ	21.57	92	eP	48	35.20	3.5X			
OSS	65.58	33	ePc	53	28.70	0.6		0.9s	12.98nm				5.2mb	ATB	24.88	36	Pc	49	01.00	-2.4			
VDL	65.57	33	ePd	53	29.60	1.3		Z 18s	0.70um				5.1Msz	OUR	26.30	332	eP	49	24.50	7.6X			
MMK	65.58	35	ePd	53	29.20	0.8				LR	25	50.00		PSO	27.06	336	eP	49	25.00	1.3			
LPG	65.76	36	eP	53	30.30	0.7	LPB	89.82	127	Pd	55	44.20	1.4	SOB1	28.70	64	eP	49	36.10	-1.9			
TMA	65.77	34	ePd	53	30.00	0.5		1.0s	26.00nm				5.4mb	BOG	29.32	345	eP	49	44.00	0.1			
ZST	65.79	27	iPc	53	29.60	0.3		Z 17s	0.34um				4.8MszX				eS	54	08.00				
		e		55	41.20					LR	27	25.00		ITR	30.98	66	eP	49	55.30	-2.8			
KBA	65.98	30	iPc	53	30.70	-0.1	CNCB	90.12	127	P	55	45.00	0.6	SDV	32.89	353	eP	50	12.80	-2.0			
	1.2s	177.00nm				6.1mb	CHG	92.48	320	iPd	55	54.80	0.0	CAR	34.28	300	iPd	50	24.80	-1.8			
		ic		53	31.20			1.1s	25.32nm				5.5mb	UPA	35.08	338	ePd-	50	33.50	0.3			
		i		53	44.00		LOE	92.93	317	eP	55	56.00	-0.8		0.8s	229.85nm				5.9mb			
EPF	66.13	41	eP	53	32.50	0.8	TPZ	95.22	127	P	56	09.00	1.5		Z 18s	0.48um				4.3Msz			
	1.3s	50.50nm				5.5mb	PTZ	105.30	59	iPdiff	56	56.10	3.5X	81M	38.66	9	eP	51	02.70	-0.6			
SOP	66.15	28	iPc	53	31.20	-0.5		0.8s	40.50nm				6.4mb	MVM	38.72	9	eP	51	01.90	-1.9			
DL2	66.38	309	eP	53	30.00	-3.2X				i	00	21.50		FDF	38.88	9	eP	51	03.28	-1.7			
SRO	66.41	27	iP	53	33.90	0.6				i	01	53.20		CRM	38.91	9	eP	50	57.40	-7.9X			
PSZ	66.63	26	ePc	53	35.40	0.5	WB2	112.83	270	ePKP	01	20.60	-0.1	SJG	41.84	1	eP	51	25.00	-4.3X			
VOY	67.10	30	eP	53	36.60	-1.3	WRA	112.83	270	PKPc	01	20.20	-0.5				i	52	45.60				

SNA	59.05	159	e(P)	53 37.00	-1.4
JCT	62.77	328	iP	54 02.10	-1.7
	1.0s	195.00nm		5.9mb	
LTX	63.82	324	P	54 08.00	-2.8
	0.8s	26.28nm		5.1mb	
SPA	66.16	180	iPc	54 25.60	0.1
	0.8s	20.83nm		5.0mb	
KIC	67.50	72	iP	54 32.50	-1.9
	0.6s	87.00nm		5.7mb	
ALO	69.68	326	eP	54 47.00	-0.6
	0.9s	70.80nm		5.4mb	
GLA	72.93	319	eP	55 06.00	-0.8
BAR	73.80	318	eP	55 12.00	0.2
PLM	74.37	318	eP	55 16.00	0.7
TPC	74.40	319	eP	55 16.00	0.7
SDW	75.36	319	P	55 20.60	-0.3
MSU	75.37	325	P	55 21.00	0.0
GSC	75.67	320	eP	55 24.00	1.4
PAS	75.71	318	eP	55 24.00	1.3
WIN	75.80	109	eP	55 23.00	-0.7
	0.7s	15.07nm		4.8mb	
SBB	75.86	319	eP	55 24.00	0.4
ISA	76.91	319	eP	55 30.00	0.6
SYP	77.08	317	eP	55 31.00	0.6
CWC	77.20	320	eP	55 24.00	-7.1X
			e	55 32.00	
PHAM	78.20	318	P	55 29.00	-7.4X
FRI	78.54	319	eP	55 37.50	-0.7
PRI	78.56	318	ePc	55 39.20	0.7
MNA	78.61	321	ePc	55 39.30	0.5
LLA	79.04	318	ePc	55 41.50	0.5
PRS	79.11	318	ePc	55 41.90	0.5
SAO	79.44	318	ePc	55 43.30	0.2
JAS1	79.59	320	iPc	55 44.10	0.2
MHC	79.94	319	iPc	55 46.60	0.7
GCC	79.95	318	ePc	55 46.30	0 5
PCC	80.49	318	eP	55 49.20	0.6
BKS	80.64	319	eP	55 50.40	1.0
	0.9s	62.00nm		5.3mb	
BRK	80.65	319	eP	55 49.80	0.4
ORV	81.29	320	iPc	55 53.30	0.5
MIN	81.87	321	e(P)	55 56.10	0.2
GAS	82.07	320	P	55 58.20	1.2
BFS	82.41	116	iPc	55 59.20	0.1
	0.7s	123.29nm		5.8mb	
WDC	82.56	321	iPc	55 58.20	-1.1
FHC	83.55	320	eP	56 05.20	0.8
BPI	83.72	116	iPc	56 05.50	-0.4
	0.7s	116.44nm		5.7mb	
SLR	84.10	115	iPd	56 09.00	1.3
	0.7s	86.30nm		5.6mb	
BUL	86.64	110	iPd	56 21.30	1.0
	0.9s	78.99nm		5.6mb	
KMZ	86.91	103	iP	56 23.70	2.1
	0.8s	26.70nm		5.1mb	
			e	59 22.00	
BNG	87.46	84	iPc	56 24.60	0.4
	0.7s	25.00nm		5.2mb	
			id	56 46.20	
			id	58 33.40	
LSZ	88.26	106	iPc	56 40.70	12.6X
	0.7s	64.60nm			
			i	01 54.60	
			i	05 14.50	
MTD	90.60	109	iPd	56 40.50	1.6
TET	92.60	109	iP	56 52.00	4.0X
IKZ	94.33	103	iP	56 38.90	-17.3X
	0.8s	13.30nm			
ASPA	128.58	204	ePKP	02 43.00	-0.1
WB2	131.76	207	ePKP	02 49.50	0.4
WRA	131.76	207	PKPc	02 49.60	0.5
	0.5s	4.40nm			
GBA	144.62	100	PKP	03 11.70	-1.0
			e	06 34.00	
HYB	146.92	95	ePKP	03 19.00	2.5X
	1.0s	80.00nm			
			e	04 12.50	
NDI	147.41	74	ePKP	03 18.00	1.1
	0.7s	47.95nm			
WMO	151.16	40	ePKP	03 28.80	6.4X
PSI	154.69	145	e(PKP)	03 24.50	-3.5X
			e	06 00.00	
MAT	155.18	306	iPKPc	03 37.70	9.6X
	0.8s	17.91nm			
MDJ	155.49	331	ePKP	03 28.50	0.3
CN2	157.85	336	PKPc	03 31.80	0.5
GTA	160.85	33	PKP	03 36.40	1.6

S.D. = 1.2 on 89 of 104 obs.

* DEC 25, 1985 18h 10m 31.74± 0.68s
14.278 S ± 8.9km 166.288 E ±12.3km
DEPTH = 33.0km (normal)
4.8mb (2 obs.)
VANUATU ISLANDS (186)

DZM	7.75	179	iPc	12 24.60	-0.7
			iS	13 50.00	
HNR	7.85	307	eP	12 27.00	0.4
			eS	12 38.00	
NOU	7.99	179	iPc	12 27.00	-1.5
			iS	13 58.20	
SVO	8.13	308	eP	12 30.00	-0.5
VSG	8.15	307	eP	12 29.00	-1.7
BRS	18.14	222	iP	14 49.60	6.7X
CTA	19.98	250	eP	15 05.00	0.6
RMO	20.41	231	eP	15 10.00	1.2
SPA	75.81	180	ePd	22 17.10	0.9
	0.6s	2.73nm		4.4mb	
COL	86.21	18	eP	23 11.00	0.2
	0.8s	11.19nm		5.1mb	
YKA	97.58	27	P	24 03.40	-0.2
SOB1	144.34	129	ePKP	30 06.00	-1.2
ITR	146.46	132	ePKP	30 11.20	0.5
			e	30 22.10	
BNG	146.75	256	iPKPd	30 13.20	2.0
	0.8s	23.00nm			
			id	30 23.00	

S.D. = 1.2 on 13 of 14 obs.

DEC 25, 1985 18h 18m 47.57± 0.63s
4.987 S ± 7.3km 151.778 E ± 7.6km
DEPTH = 126.0 ± 7.4 km
4.6mb (4 obs.)
NEW BRITAIN REGION (192)
Felt (III) at Rabaul.

RAB	0.88	26	iPd	19 09.50	0.2
			iS	19 26.00	
BGA	3.58	109	iPd	19 42.00	-0.5
			eS	20 25.00	
PAA	3.92	110	iPd	19 47.90	0.8
			eS	20 34.00	
ALOA	5.46	195	eP	20 06.00	-1.8
PMG	6.35	226	eP	20 21.00	0.9
RMO	21.58	187	eP	23 29.00	0.7
DZM	22.14	141	iPc	23 33.90	0.0
BRS	22.30	178	P	23 36.00	0.6
WB2	22.56	227	eP	23 38.00	0.1
WRA	22.56	227	Pd	23 38.00	0.0
	0.5s	6.50nm		4.3mb	
PSI	53.35	277	eP	27 41.50	-14.9X
			e	28 00.00	
PKI	71.65	301	eP	29 57.90	-0.3
	0.8s	7.00nm		4.5mb	
KKN	71.82	301	eP	29 59.00	0.0
	0.6s	8.00nm		4.7mb	
DMN	71.92	301	eP	29 59.90	0.2
	0.7s	17.00nm		4.9mb	
COL	82.44	22	eP	30 56.00	-0.7

S.D. = 0.8 on 14 of 15 obs.

& DEC 25, 1985 18h 37m 56.98s
59.784 N 152.319 W
DEPTH = 94.3km
4.5mb (4 obs.)
SOUTHERN ALASKA (2)
<AGS-P>. Felt (II) at Homer, Ninilchik and Anchor Point.

ILM	0.47	328	iP	38 12.02	-0.2
NNL	0.58	63	iP	38 13.35	0.3
BRLK	0.73	91	iP	38 14.00	-0.4
			eS	38 26.12	
RDT	0.79	357	iP	38 14.44	-0.7
NKA	1.10	29	iP	38 19.20	0.8
SLKM	1.28	54	iP	38 19.06	-1.5
			eS	38 38.93	
SEW	1.48	76	iP	38 21.68	-1.3
CRP	1.49	3	iP	38 22.89	-0.5
			eS	38 42.53	
MPA	1.64	63	iP	38 24.07	-1.0
SUA	1.86	24	iP	38 27.35	-0.7
PTE	1.97	55	iP	38 27.80	-1.6
PMS	2.00	42	iPd	38 28.70	-1.2
KDC	2.04	183	iPd	38 30.80	0.4
SVW	2.11	310	iPd	38 31.00	-0.3
PWA	2.22	32	iPd	38 31.50	-1.3
SKT	2.24	10	iP	38 31.96	-1.1
MTU	2.36	83	iP	38 33.29	-1.4
KNIM	2.37	74	iP	38 32.75	-2.0
			eS	38 58.46	
PLRM	2.40	39	iP	38 33.18	-2.0
			eS	39 00.91	
PMR	2.40	39	iPd	38 33.20	-2.0
			eS	38 58.40	
PME	2.46	40	iP	38 34.18	-1.8
KNK	2.51	48	iP	38 34.85	-1.9
GHO	2.60	38	iP	38 35.99	-2.0
SML	2.82	42	iP	38 38.84	-2.1
			eS	39 10.28	
MID	3.06	94	iPd	38 43.20	-1.0
KLU	3.59	59	iP	38 49.25	-2.3
TTA	3.62	332	iPd	38 51.00	-1.0
SGAM	3.63	76	eP	38 49.38	-2.7
TOA	3.80	50	iPd	38 52.60	-1.8
BALM	5.10	71	eP	39 10.45	-2.1
YAH	5.33	79	iP	39 12.23	-3.5
COL	5.55	20	eP	39 16.00	-2.6
FBA	5.55	20	iPc	39 16.00	-2.6
SDN	6.26	228	eP	39 28.60	0.3
IMA	6.34	355	ePc	39 27.70	-1.9
DWY	7.43	49	P	40 41.80	57.3
			Lg	42 21.80	
SIT	9.32	100	eP	40 08.60	-1.6
INK	11.81	36	eP	40 41.00	-2.4
YKA	18.23	65	P	42 03.90	-0.9
MBC	20.09	22	eP	42 25.00	0.3
NEW	23.37	104	eP	42 59.50	2.0
BDW	31.00	104	eP	44 04.50	-2.9
	0.9s	2.05nm		3.9mb	
JCT	45.49	106	iP	46 09.50	1.4
	0.9s	11.76nm		4.7mb	
SOD	53.15	1	iP	47 04.30	-2.1
KJF	56.34	360	eP	47 36.00	6.4
SUF	57.82	1	iP	47 37.20	-2.8
NB2	58.83	9	P	47 44.30	-2.9
	0.8s	2.10nm		4.3mb	
NUR	60.02	2	eP	47 53.00	-2.2
KHC	70.84	10	eP	49 04.00	-0.8
KBA	72.85	10	iPc	49 16.20	-0.7
	0.7s	8.10nm		4.7mb	
SLR	145.97	359	ePKP	57 25.00	-1.0
SPA	149.62	180	ePKP	57 32.00	1.6
	1.1s	1.79nm			
	52 obs. associated				

DEC 25, 1985 18h 49m 02.64± 0.17s
62.020 N ± 2.7km 124.140 W ± 3.5km
DEPTH = 10.0km (geophysicist)
5.4mb (42 obs.) 4.9Msz (1 obs.)
NORTHWEST TERRITORIES, CANADA (679)

FST1	1.38	99	Pg	49 29.00	1.1
YKA	4.48	80	P	50 12.00	-0.1
RSNT	4.49	80	P	50 11.30	-0.9
YKC	4.54	80	eP	50 12.00	-1.0
DWY	7.24	293	P	50 47.50	-3.5X
			S	52 07.50	
			Lg	54 07.50	
INK	7.44	332	iPd	50 50.40	-3.3X
	0.8s	587.00nm		6.8mb X	
SIT	7.55	234	eP	50 55.00	-0.3
YAH	8.66	267	eP	51 11.70	0.7
TOA	10.33	280	eP	51 34.70	0.9
EDM	10.53	142	eP	51 32.50	-4.1X
COL	10.94	296	eP	51 40.00	-2.1X
	0.8s	72.39nm		6.1mb X	
FBA	10.94	296	eP	51 39.50	-2.6X
PHC	11.49	191	eP	51 49.50	0.0
PMR	11.80	279	eP	51 53.40	-0.4
PNT	12.98	167	eP	52 08.00	-1.7X
YKM	14.01	156	eP	52 18.30	-5.0X
			iS	56 33.40	
RXF	14.12	155	eP	52 20.70	-4.0X
			eS	56 29.10	
NEW	14.35	161	eP	52 28.00	0.4
MBC	14.38	5	eP	52 23.00	-4.9X
LDM	14.48	156	eP	52 26.70	-2.6X
			eS	56 43.40	
LHD	14.62	157	eP	52 29.30	-1.9X
			eS	56 46.70	

25d 18h

TTA	14.68	288	eP	52	32.50	0.5		1.0s	36.00nm		5.5mb	PKI	87.61	334	eP	01	52.70	0.3
CLX	14.75	156	eP	52	30.00	-3.0X	MAT	61.82	295 (P)	59	23.00	-0.8		0.9s	15.00nm		5.3mb	
COR	17.47	178	eP	53	13.00	5.4X	WLF	61.83	34 P	59	26.50	2.9X	DMN	87.63	334	eP	01	53.20	0.8
LRM	17.58	152	eP	53	07.10	-2.2	CLL	62.00	29 iPd	59	27.20	2.5X		0.9s	42.00nm		5.7mb	
LCCM	17.69	151	eP	53	06.50	-4.1X		1.3s	25.00nm		5.2mb	NDI	87.99	341	eP	01	53.00	-0.8
CCMT	18.35	154	eP	53	16.70	-2.1	MOX	62.30	30 eP	59	28.00	1.3	ZOBO	89.56	127	ePd	02	01.20	-0.7
RSON	19.98	110	P	53	34.30	-3.3X		2.0s	69.00nm		5.5mb		Z	23s	0.26um				4.6MszX
BDW	21.13	149	P	53	49.00	-0.8	BRG	62.62	28 iP	59	31.30	2.5X			LR		33	20.00	
	1.3s	132.08nm				5.2mb		1.1s	25.00nm		5.3mb	LPB	89.81	127	P	02	06.00	3.1X
FHC	21.25	180	eP	53	51.00	0.2			i	59	45.50	CNCB	90.11	127	P	02	04.00	-0.5
WDC	21.49	177	eP	53	52.30	-0.9	GRF	63.09	31 eP	59	33.20	1.2	CHG	92.50	320	eP	02	15.20	0.2
MIN	21.76	175	ePc	53	55.00	-1.1	SNY	63.11	309 eP	59	31.50	-0.7	TPZ	95.21	127	P	02	29.30	1.7
ORV	22.55	175	ePc	54	05.00	1.2	GRC	63.14	37 iPd	59	34.80	2.5	SLR	139.28	40	ePKP	08	26.00	-5.3X
LHC	23.74	109	eP	54	17.00	1.7	KSP	63.17	27 eP	59	32.50	0.1		1.0s	15.00nm				
MNA	23.90	168	eP	54	19.00	1.8	CDF	63.28	34 eP	59	33.20	-0.1	SPA	151.86	180	iPKPc	08	49.00	-1.8
JAS1	24.23	173	ePc	54	20.40	0.2		1.2s	29.70nm		5.4mb			1.0s	9.00nm				
FRB	24.73	61	eP	54	26.00	1.2	LOR	63.39	37 eP	59	33.60	-0.4		S.D. = 1.0	on 119 of 153 obs.				
MHC	24.75	175	eP	54	26.10	0.7		1.1s	34.10nm		5.5mb								
GCC	25.05	176	eP	54	27.70	-0.4	HAU	63.40	35 eP	59	32.60	-1.5		DEC 25, 1985 19h 04m 19.37± 0.41s					
GLD	25.10	144	P	54	31.00	2.2		1.2s	23.80nm		5.3mb			42.292 N ± 4.3km	19.977 E ± 3.5km				
GOL	25.10	144	P	54	30.00	1.1	SSF	63.48	37 eP	59	34.00	-0.5		DEPTH = 10.0km	(geophysicist)				
FRI	25.21	172	eP	54	29.70	0.2		1.1s	52.20nm		5.6mb		YUGOSLAVIA						(383)
SAO	25.34	175	eP	54	33.40	2.6X	PRU	63.59	28 eP	59	36.50	1.3		DUR 2.8 (TTG).					
ALE	25.39	16	eP	54	31.00	0.1			e	59	48.00								
	0.8s	24.00nm				4.9mb	AVF	63.68	37 eP	59	35.20	-0.6	PVY	0.30	359	iPgc	04	26.00	0.3
LLA	25.51	174	eP	54	33.00	0.6		1.1s	36.60nm		5.5mb					eSg	04	31.50	
PRS	25.77	175	eP	54	34.90	0.0	LBF	63.68	37 eP	59	35.40	-0.5	TTG	0.55	285	ePg	04	29.70	-0.8
PRI	25.99	174	e(P)	54	38.20	1.1		1.1s	26.80nm		5.3mb					eSg	04	39.20	
ISA	26.62	170	eP	54	43.00	0.2	BSF	63.68	35 eP	59	35.60	-0.4	IVA	0.58	354	ePg	04	31.00	-0.2
GSC	27.14	167	eP	54	50.00	2.4X		1.2s	29.70nm		5.4mb					eSg	04	40.50	
SYP	27.64	173	eP	54	48.00	-4.2X	BGF	63.74	38 eP	59	35.80	-0.5	ULC	0.63	239	ePg	04	32.30	0.2
SBB	27.64	169	eP	54	52.00	-0.2		1.0s	49.60nm		5.7mb					eSg	04	41.20	
TPC	28.41	166	eP	55	01.00	2.0	TCF	63.80	38 eP	59	36.00	-0.7	BDV	0.85	270	P	04	36.00	0.2
PLM	29.06	167	eP	55	06.00	0.9		1.1s	44.90nm		5.6mb					eSg	04	49.30	
ALQ	29.32	149	eP	55	07.30	-0.1	SMF	63.95	37 eP	59	37.00	-0.7	NKY	0.89	306	ePg	04	36.50	0.0
	1.0s	18.25nm				4.8mb		1.2s	44.60nm		5.5mb					eSg	04	50.50	
GLA	29.60	164	eP	55	10.00	0.3	WET	63.99	30 iPd	59	40.60	2.7X	HCY	1.11	279	ePg	04	40.40	0.3
ACO	29.75	137	e(P)	55	10.00	-1.0		1.2s	21.00nm		5.2mb					eSg	04	56.70	
BAR	29.75	167	eP	55	13.00	1.9	KHC	64.17	29 iPd	59	39.60	0.5	SKO	1.13	106	iPn	04	40.60	0.0
SCH	29.97	77	ePd	55	13.00	0.2		1.1s	33.00nm		5.4mb		BRY	1.22	300	ePg	04	42.30	0.1
OZO	31.34	138	eP	55	22.50	-2.6			e	00	13.00					eSg	05	01.20	
TUL	31.59	133	eP	55	26.60	-0.6			e	00	44.30		OHR	1.33	152	ePn	04	43.80	-0.1
	1.4s	37.00nm				5.1mb	RJF	64.49	39 eP	59	40.40	-0.8	VAY	2.17	116	iPn	04	56.00	0.0
Z	19s	2.47um				4.9Msz		1.1s	29.30nm		5.4mb		MM8	2.88	103	iPd	05	15.00	8.7X
RLO	31.62	131	eP	55	21.00	-6.6X	KRA	64.66	25 eP	59	43.50	1.3				iS	05	56.00	
MEO	31.68	137	e(P)	55	28.70	0.6		1.2s	63.00nm		5.7mb		KDZ	4.06	97	eP	05	32.00	9.2X
OTT	32.20	98	eP	55	36.00	3.5X			e	59	49.60		CEY	5.28	313	ePn	05	43.30	3.1X
MNT	33.09	96	eP	55	40.50	0.2	LPO	64.95	40 eP	59	43.80	-0.4				eSn	06	46.70	
BHO	33.29	133	eP	55	41.20	-0.9		1.1s	36.10nm		5.5mb		VOY	5.75	313	ePn	05	47.10	0.2
DAG	33.97	23	iPc	55	46.90	-0.7	CAF	64.99	39 eP	59	44.00	-0.5				eSn	06	58.10	
	1.5s	30.56nm				5.0mb		1.1s	29.30nm		5.4mb					eSg	07	35.70	
JCT	35.31	142	eP	55	57.50	-2.1	SPC	65.55	25 eP	59	51.00	2.8X		S.D. = 0.3	on 12 of 15 obs.				
	1.1s	34.81nm				5.1mb	ZST	65.84	27 eP	59	52.30	2.5X							
LTX	35.35	148	P	55	59.80	-0.2	KBA	66.04	30 iPd	59	51.70	0.4	*	DEC 25, 1985 20h 30m 11.46± 1.70s					
	1.5s	38.86nm				5.1mb		1.0s	36.60nm		5.5mb			35.492 N ±18.7km	141.592 E ±17.8km				
KEV	46.93	13	iP	57	35.80	1.4			i	59	54.00			DEPTH = 33.0km	(normal)				
	0.7s	25.40nm				5.4mb	SRO	66.46	27 eP	59	46.00	-7.8X		4.4mb (1 obs.)					
SOD	49.17	14	iP	57	51.40	-0.5	BJI	67.31	314 eP	59	58.00	-1.3	NEAR EAST COAST OF HONSHU, JAPAN(228)						
KJF	52.35	15	iP	58	15.50	-0.6			eS	08	52.00								
	1.0s	60.00nm				5.5mb	HHC	68.10	318 eP	00	03.40	-1.0	CHO	0.65	291	iPd	30	25.10	0.9
NB2	52.63	25	P	58	17.90	-0.4	BOG	68.14	125 eP	00	09.00	3.8X				iS	30	32.40	
	1.0s	27.80nm				5.1mb	BTO	68.82	319 eP	00	09.00	0.2	KYS	1.22	256	eP	30	32.10	-0.1
SUF	53.57	16	iP	58	24.70	-0.5	VRI	69.94	21 eP	00	16.00	0.6	TSK	1.40	301	iPd	30	34.70	-0.2
	0.8s	13.30nm				5.0mb	MLR	70.17	22 eP	00	20.00	3.0X	YOK	1.58	269	eP	30	43.60	5.5X
HFS	53.95	25	eP	58	27.30	-0.7	TIA	70.41	311 eP	00	19.60	1.1				iS	31	05.80	
	0.9s	25.30nm				5.2mb	TIY	70.67	315 eP	00	19.30	-0.8	SRY	1.89	274	eP	30	42.00	0.0
EKA	54.20	37	P	58	30.00	0.1	WMQ	71.43	336 P	00	24.20	-0.5	OYM	1.92	269	eP	30	42.40	-0.1
	1.1s	42.20nm				5.4mb	PVL	72.30	23 iPd	00	30.00	0.3	DDR	2.02	285	eP	30	43.80	-0.1
UPP	54.95	22	iP	58	33.90	-1.4	VTS	72.45	25 iP	00	35.00	4.4X	MAT	2.94	292	iPd	30	56.90	0.0
NUR	55.48	18	iP	58	38.50	-0.7			e	05	02.00					(S)	31	30.00	
Z	23s	0.30um				4.3MszX	SKO	72.70	26 iP	00	32.50	0.4	WB2	55.56	188	eP	39	47.80	1.9
		LR		21	00.00		GTA	72.87	326 P	00	33.10	-0.2	WRA	55.56	188	Pc	39	44.60	-1.4
WIT	59.09	32	eP	59	06.00	1.2	SSE	73.48	306 eP	00	36.10	-0.7		0.6s	2.50nm			4.4mb	
WTS	59.87	33	eP	59	10.50	0.3			e	10	06.00		GBA	61.25	266	P	40	25.00	-0.9
	1.0s	26.00nm				5.3mb	NJ2	73.51	308 Pd	00	36.00	-0.9		S.D. = 1.0	on 10 of 11 obs.				
ENN	60.76	34	eP	59	16.00	-0.3	VAY	73.56	26 eP	00	37.50	0.4							
	1.0s	57.00nm				5.7mb	KDZ	73.79	23 eP	00	42.00	3.6X	*	DEC 25, 1985 21h 07m 32.14± 0.81s					
FLN	60.78	39	eP	59	16.50	0.0	LZH	74.85	321 eP	00	44.50	-0.4		14.343 S ± 9.3km	166.638 E ±13.6km				
	1.1s	73.20nm				5.7mb	XAN	75.17	317 eP	00	45.00	-1.6		DEPTH = 33.0km	(normal)				
BNS	60.91	33	eP	59	18.50	1.2	WHN	76.81	311 eP	00	53.50	-0.6		4.3mb (2 obs.)					
MEM	60.93	34	P	59	19.50	2.1	CD2	78.69	320 eP	01	12.00	0.3	VANUATU ISLANDS						(186)
GRR	61.00	40	eP	59	18.40	0.4	IR2	82.68	4 eP	01	28.00	1.2							
	1.0s	33.60nm				5.4mb	GYA	82.90	316 Pd	01	29.00	0.3	DZM	7.69	181	iPd	09	24.00	-0.7
DOU	61.02	35	P	59	20.40	2.3	ATB	84.49	108 e(P)	01	34.20	-2.5				iS	10	50.50	
LDF	61.04	39	eP	59	17.20	-1.0	KMI	85.41	318 eP	01	32.00	-9.5X	NOU	7.93	181	iPc	09	27.50	-0.5
	1.0s	33.60nm				5.4mb	KKN	87.42	334 eP	01	52.00	0.6				iS	10	58.10	
LPF	61.26	40	eP	59	19.00	-0.8		0.9s	28.00nm		5.5mb	SVO	8.44	307	eP	09	34.00	-1.2	

CTA	20.28	251	eP	12	09.00	1.0
RMO	20.63	231	e(P)	12	12.00	0.5
KRP	24.78	163	eP	12	59.80	7.5X
WB2	31.32	255	eP	13	57.80	6.0X
WRA	31.33	255	Pc	13	56.60	4.7X
	0.7s		1.60nm		4.0mb	
SPA	75.75	180	eP	19	23.50	7.2X
	1.0s		8.50nm		4.7mb	
COL	86.17	18	eP	20	11.00	0.0
SOB1	144.04	129	ePKP	27	07.10	0.0
ITR	146.16	131	ePKP	27	11.40	0.7
BNG	147.06	256	iPKPd	27	14.70	2.6X
	0.7s		6.00nm			
			ic	27	22.30	
	S.D. = 0.9		on	8	of 13 obs.	

DEC 25, 1985 21h 23m 22.11± 0.46s
42.323 N ± 4.7km 19.873 E ± 3.8km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 3.0 (TTG).

PVY	0.28	15	ePg	23	27.50	-0.6
			eSg	23	32.40	
TTG	0.47	283	ePg	23	30.60	-1.0
			eSg	23	40.00	
IVA	0.55	2	ePg	23	32.60	-0.6
			eSg	23	41.50	
ULC	0.59	232	ePg	23	33.60	-0.4
			eSg	23	42.70	
BDV	0.78	267	ePg	23	37.70	0.5
			eSg	23	51.00	
NKY	0.81	307	ePg	23	37.50	-0.4
			eSg	23	51.30	
HCY	1.03	277	ePg	23	41.60	0.1
			eSg	23	58.50	
PLE	1.07	341	ePg	23	42.30	0.0
			eSg	24	00.50	
BRY	1.14	301	ePg	23	43.50	0.0
			eSg	24	02.00	
SKO	1.22	106	iPn	23	44.50	-0.3
OHR	1.40	150	ePn	23	46.60	-1.1
VAY	2.25	116	iPn	24	01.50	1.6
VTS	2.48	82	eP	24	03.00	-0.1
			iSg	24	42.00	
BEO	2.53	9	ePn	24	10.00	6.1X
MM8	2.97	103	iPd	24	20.00	9.9X
			iS	25	03.00	
PVL	3.99	76	eP	24	39.00	14.4X
KDZ	4.14	98	iP	24	45.00	18.3X
CEY	5.20	313	ePn	24	44.40	2.5X
			eSn	25	46.70	
LJU	5.34	316	ePn	24	45.00	1.1
VOY	5.68	313	ePn	24	50.20	1.6
			eSn	25	58.30	
			eSg	26	35.20	
KBA	6.65	318	eP	25	02.00	-0.4
			i	25	07.70	
			i(Sn)	26	25.00	
			e	46	32.50	
KHC	8.11	329	eP	25	25.40	2.8X
			e	27	11.50	
	S.D. = 0.9		on	16	of 22 obs.	

DEC 25, 1985 21h 26m 52.96± 0.54s
14.358 S ± 7.3km 166.422 E ± 9.6km
DEPTH = 33.0km (normal)
4.3mb (3 obs.)
VANUATU ISLANDS (186)

PVC	3.82	152	iP	28	01.00	10.1X
			iS	28	44.50	
DZM	7.67	180	iPc	28	43.20	-2.1
			iS	30	13.00	
NOU	7.91	180	iPc	28	47.00	-1.6
			iS	30	18.50	
HNR	8.01	307	eP	28	49.00	-0.9
SVO	8.28	308	eP	28	54.00	0.2
VSG	8.30	307	eP	28	53.00	-1.0
VUN	12.12	109	eP	29	54.10	7.7X
BRS	18.17	222	P	31	11.00	6.6X
			eS	34	42.00	
PMG	19.48	282	eP	31	20.00	-0.3
CTA	20.08	251	iP	31	27.70	1.0
	1.0s		14.50nm		4.3mb	
			iS	35	21.00	
RMO	20.46	231	eP	31	32.00	1.4
COO	20.96	217	eP	31	36.00	0.3
KRP	24.83	163	eP	32	15.00	1.4
			(pP)	32	23.00	28kmX
CMS	25.43	224	eP	32	20.00	0.6
YOU	25.68	216	eP	32	30.70	9.0X
MNG	27.33	165	eP	32	36.30	-0.5
WB2	31.11	255	eP	33	11.00	0.2
			e	33	18.00	
WRA	31.12	255	Pd	33	09.60	-1.3
	0.8s		1.60nm		3.9mb	
ASPA	32.05	248	eP	33	26.00	6.9X
MEK	46.23	247	eP	35	17.00	-0.1
KKM	53.77	289	ePd	36	20.00	5.1X
BJI	71.46	321	eP	38	13.00	0.7
CHG	74.18	295	eP	38	39.50	10.8X
SPA	75.73	180	eP	38	39.00	2.0
	1.0s		23.81nm		5.1mb	
COL	86.25	18	eP	39	32.00	-0.2
FBA	86.25	18	eP	39	31.80	-0.4
PKI	88.80	299	eP	39	36.10	-9.6X
KKN	88.97	299	eP	39	36.90	-9.5X
DMN	89.07	299	eP	39	32.00	-14.9X
KJF	122.70	340	ePKP	45	52.00	5.6X
SUF	124.21	339	ePKP	45	50.00	0.6
APO	129.73	343	ePKP	45	59.60	-0.5
	0.7s		1.40nm			
SOB1	144.19	129	ePKP	46	27.10	-1.0
SSF	144.41	340	ePKP	46	35.20	7.7X
LPG	144.52	335	ePKP	46	35.80	7.6X
	1.0s		14.00nm			
BGF	145.07	340	ePKP	46	34.40	5.7X
	1.2s		41.60nm			
LSF	145.76	341	ePKP	46	28.20	-1.7
ITR	146.31	132	ePKP	46	29.50	-2.2X
			e	46	43.40	
RJF	146.61	340	ePKP	46	32.20	0.9
	1.4s		55.70nm			
BNG	146.85	256	iPKPd	46	34.80	2.2
	0.9s		27.00nm			
LFF	147.19	341	ePKP	46	36.60	4.4X
	1.4s		87.10nm			
	S.D. = 1.2		on	25	of 41 obs.	

• DEC 25, 1985 21h 51m 07.52± 0.63s
17.678 S ±21.7km 13.886 W ± 8.9km
DEPTH = 10.0km (geophysicist)
4.6Msz (2 obs.)
SOUTH ATLANTIC RIDGE (410)

ITR	25.45	287	eP	56	36.50	-0.9
KIC	25.54	21	eP	56	38.20	0.1
SOB1	27.55	284	eP	56	58.10	1.3
BUL	40.20	100	iP	58	46.10	-0.2
KRI	41.48	96	eP	58	57.00	0.2
MTD	43.36	96	eP	59	12.00	-0.1
TPZ	48.81	257	iP	59	57.50	1.9
CNCB	51.52	262	P	00	16.00	-0.6
LPB	51.68	263	eP	00	18.00	0.4
	Z 20s		0.53um		4.6Msz	
			LR	15	50.00	
ZOBO	51.74	263	P	00	16.20	-2.1
	Z 20s		0.58um		4.6Msz	
			LR	15	56.00	
BOG	63.36	285	eP	01	40.00	-0.1
YKA	110.46	331	PKP	09	44.80	3.5X
	S.D. = 1.2		on	11	of 12 obs.	

DEC 25, 1985 22h 15m 09.73± 0.27s
21.667 S ± 4.3km 178.533 W ± 3.0km
DEPTH = 455.0 ± 2.9 km
5.5mb (40 obs.)
FIJI ISLANDS REGION (181)
mb 6.0 (BRK).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 15S, 34C
Centroid Location:
Origin Time 22:15:16.7 0.2
Lat 21.68S 0.03 Lon 178.55W 0.02
Dep 461.8 1.0 Half-duration 4.1
Moment Tensor; Scale 10**25 D-CM
Mrr=-0.38 0.02 Mtt=-0.10 0.03
Mff= 0.48 0.03 Mrt=-1.29 0.03
Mrf=-0.31 0.02 Mtf= 0.86 0.02
Principal Axes:
T Val= 1.68 Plg=30 Azm=138
N -0.08 32 248
P -1.60 44 15
Best Double Couple:Mo=1.6*10**25
NP1:Strike=176 Dip=33 Slip=-165
NP2: 73 82 -58

NDF	5.43	315	ePc	16	39.80	0.5
PVC	12.99	285	iPc	18	02.50	1.6
			iS	20	26.50	
NOU	13.95	265	iPc	18	12.20	1.2
			iS	20	46.30	
			ScP	25	52.00	
			ScS	29	31.00	
DZM	13.95	266	iPc	18	12.10	0.9
			iS	20	39.50	
			ScP	25	49.50	
			ScS	29	32.00	
KRP	16.99	196	P	18	42.90	1.0
			i	18	46.00	
			S	21	43.00	
GNZ	17.10	189	P	18	42.00	-1.7
			S	21	37.00	
WEL	20.36	195	P	19	14.50	-0.2
			S	22	32.00	
TCW	20.41	196	P	19	14.30	-0.9
			eS	22	33.00	
CIZ	22.29	176	P	19	36.00	3.4X
HNR	24.00	297	eP-	19	48.00	-0.4
			eS	20	12.00	
SVO	24.26	298	eP	19	51.00	0.2
VSG	24.29	297	eP	19	50.00	-1.1
MSZ	25.52	203	P	20	03.00	1.1
			pP	21	19.00	
			(S)	24	17.00	
			ScP	26	18.00	
BRS	26.68	252	iPd	20	12.90	0.5
			i	21	30.00	
			i	24	17.00	
			i	26	20.10	
			iS	26	40.00	
			e	30	13.00	
TBI	26.89	99	iP	20	14.80	0.6
	1.1s		310.00nm		5.7mb	
PAE	27.53	87	iP	20	19.10	-0.8
	1.0s		135.00nm		5.3mb	
PPT	27.56	87	iP	20	19.70	-0.5
	1.0s		275.00nm		5.6mb	
PPN	27.70	87	iP	20	20.60	-0.8
	1.0s		180.00nm		5.5mb	
TVO	27.81	87	iP	20	21.80	-0.7
	1.0s		80.00nm		5.1mb	
COO	27.93	245	iPc	20	24.40	1.0
			e	23	26.00	
RIV	29.32	239	eP	20	36.00	0.6
			e	21	58.00	
PAA	29.39	297	eP	20	35.00	-1.3
BGA	29.74	297	eP	20	37.00	-2.3
PMO	29.79	82	iP	20	38.70	-0.9
	1.0s		95.00nm		5.2mb	
VAH	29.97	83	iP	20	40.10	-1.0
	1.0s		115.00nm		5.3mb	
TPT	30.05	83	iP	20	41.10	-0.8
	1.0s		150.00nm		5.4mb	
RMO	30.20	254	eP	20	43.00	-0.2
	1.0s		769.00nm		6.1mb	
			e	22	08.00	
RUV	30.21	83	iP	20	42.50	-0.7
	1.0s		180.00nm		5.5mb	
CAN	31.46	237	iPd	20	54.50	0.6
			i	21	52.80	
			i	22	17.10	
			i	25	35.20	
YOU	31.66	239	iPd	20	56.80	1.1
			e	25	26.30	
WAM	31.81	236	eP	20	58.00	1.2
			i	23	36.10	
			e	25	38.30	
CTA	32.90	266	iPd	21	06.30	0.1
	1.0s		334.00nm		5.7mb	
			i	23	25.00	
			iPcP	23	38.40	
			iS	25	44.00	
			iScP	26	40.70	
			iSS	28	17.00	
			iScS	30	43.00	
CMS	33.21	245	eP	21	09.00	0.3
			e	26	44.00	
TOO	34.81	235	eP	21	23.00	0.8

25d 22h

			e	22	52.00					i	37	40.00					e	27	23.00				
			e	26	49.00					sS	38	36.00					e	28	30.40				
PMG	35.14	285	iPd	21	24.50	-0.5	SDN	78.23	10	eP	26	20.70	-1.2	CN2	82.92	323	iPd	26	46.50	0.1			
TAU	35.45	225	iPc	21	28.90	1.6	BLP	78.58	46	P	26	25.00	0.7				pP	28	28.00	452kmX			
			ePcP	22	57.00		HKC	78.81	299	eP	26	27.80	2.0				sP	29	14.00				
			iScP	26	21.50		SYP	78.84	46	eP	26	26.00	0.1				PP	30	02.50				
STK	36.85	245	iPc	21	39.90	0.8				e	28	11.00					SKS	36	21.00				
	0.4s	55.00nm				5.3mb	PRS	79.00	44	eP	26	27.20	0.7				iS	36	30.50				
			e	26	57.00		GCC	79.03	43	ePd	26	27.10	0.5	COR	82.98	36	eP	26	48.00	1.3			
BFD	36.98	237	eP	21	40.00	-0.1	PCC	79.07	42	ePd	26	27.20	0.4	TIA	83.69	313	Pd	26	51.10	0.6			
			e	23	51.00		BCH	79.16	45	P	26	28.70	1.2				pP	28	32.60	451kmX			
			e	26	56.00		SAO	79.22	43	eP	26	27.60	0.0				eSKS	36	27.00				
MDG	38.21	296	eP	21	50.50	0.1	PRI	79.34	44	ePd	26	29.30	0.9				eS	36	40.00				
ISO	39.01	263	eP	21	56.00	-0.9	BRK	79.38	42	ePd	26	28.90	0.5	PSI	84.06	275	eP	26	39.00	-13.8X			
ADE	39.62	241	iPc	22	02.00	0.2	BKS	79.40	42	ePd	26	29.60	1.1				e(S)	29	54.00				
	0.9s	72.27nm				5.1mb		1.6s	438.00nm				5.8mb				e	34	00.00				
TZZ	42.22	287	eP	22	23.50	0.5	MHC	79.44	43	ePd	26	29.70	0.8	PHC	84.95	30	eP	26	57.00	0.7			
ASPA	43.78	258	eP	22	34.00	-1.2	LLA	79.45	44	e(P)	26	29.70	0.8	SYO	85.51	193	iP	26	59.00	0.1			
	1.1s	313.00nm				5.7mb	ABL	79.53	46	P	26	30.00	0.4	PGC	85.51	33	eP	27	00.00	0.9			
WB2	43.95	263	iPd	22	35.10	-1.4	KGM	79.74	276	ePd	26	32.00	1.2	TTA	86.17	10	P	27	01.50	-0.6			
			i	23	05.90					e	28	16.70		PMR	86.26	14	P	27	01.50	-0.9			
			i	24	14.10		PAS	79.84	47	eP	26	31.00	0.1	PME	86.32	14	eP	27	02.50	-0.2			
			e	27	23.90		GZH	79.86	300	iPd	26	32.50	1.3		1.0s	187.50nm				5.8mb			
WRA	43.96	263	Pd	22	35.20	-1.4				pP	28	14.00	456kmX	BJI	86.37	316	P-	27	04.00	0.6			
	0.6s	72.40nm				5.3mb				sP	29	00.00					epP	28	46.00	450kmX			
KNA	50.07	267	eP	23	22.60	-0.9				S	36	00.00					esP	29	30.00				
	0.7s	220.00nm				5.6mb	BAR	80.05	49	eP	26	32.00	-0.1				SKS	36	45.00				
WBN	50.08	254	iPd	23	22.50	-0.9				e	28	16.00					S	37	04.00				
GUA	50.11	311	eP	23	23.40	-0.3	AIA	80.10	157	eP	26	33.40	1.7				PS	39	08.00				
GUMO	50.17	311	eP	23	24.10	0.0	FHC	80.17	39	eP	26	34.20	1.6				esS	40	00.00				
PJG	50.17	311	eP	23	24.10	0.0	GAS	80.20	40	P	26	34.00	1.2	PCT	86.39	287	ePd	27	06.70	2.7			
KLG	54.05	247	P	23	51.10	-1.2	NJ2	80.24	310	Pd	26	33.60	0.6	GYA	86.79	300	Pd	27	07.00	1.0			
AAI	54.65	281	ePc	23	55.90	-0.8				pP	28	14.00	450kmX				sP	29	38.00				
			eS	25	34.00					sP	29	00.00		YAH	87.03	17	eP	27	06.80	0.3			
SBA	56.68	184	iP	24	12.50	2.5X				S	36	02.00		NNT	87.07	285	eP	27	09.60	2.3			
	1.1s	217.72nm				5.5mb	PLM	80.29	48	eP	26	34.00	0.5	LOE	87.19	290	eP	27	08.00	0.2			
MBL	57.03	258	iPd	24	10.80	-2.4				e	28	19.00		TIY	87.69	312	iPd	27	10.80	0.9			
			ipPP	25	02.00		MAW	80.30	200	eP	26	34.00	1.2				pP	28	53.00	449kmX			
KLB	57.11	246	iPd	24	12.50	-1.2	SBB	80.38	47	eP	26	33.00	-0.8				SKS	36	54.00				
	1.0s	400.00nm				5.8mb				e	28	18.00					S	37	21.00				
			e	25	51.00		FRI	80.47	44	ePd	26	34.50	0.4	PNT	87.90	34	iPd	27	10.50	0.0			
MEK	57.14	252	iPc	24	12.40	-1.5	ISA	80.50	46	eP	26	35.00	0.6		0.5s	29.00nm				5.4mb			
	0.5s	36.00nm				5.0mb				e	28	19.00					pP	28	59.00	482kmX			
NWAO	57.41	244	iPc	24	15.10	-0.5	JAS1	80.57	43	iPd	26	35.10	0.5	NST	87.91	288	iPd	27	12.50	1.3			
	1.0s	280.00nm				5.6mb				epP	28	22.20	485kmX	LTX	88.10	57	P	27	13.00	0.9			
RKG	57.48	243	iPc	24	15.20	-0.9	SDW	80.85	47	P	26	36.00	-0.3		1.0s	46.00nm				5.3mb			
	0.7s	150.00nm				5.5mb	ORV	80.88	41	ePc	26	36.30	0.1				pP	29	00.00	474kmX			
BAL	58.13	247	eP	24	19.50	-1.1	QIZ	80.88	295	P	26	37.50	0.9	SNA	88.23	179	e(P)	27	11.00	-0.9			
	0.5s	100.00nm				5.5mb				sP	29	07.00		XAN	88.44	308	iPd	27	14.80	1.3			
MUN	58.38	245	iPd	24	21.70	-0.6	WDC	80.89	40	iPd	26	36.90	0.7				pP	28	52.00	423kmX			
	1.0s	320.00nm				5.7mb				epP	28	23.80	484kmX				sP	29	42.00				
MRWA	58.95	248	iPd	24	25.20	-1.0				e	28	34.30					SKS	36	56.00				
	0.8s	170.00nm				5.5mb	MDJ	81.19	325	Pd	26	37.70	0.0				S	37	25.50				
NAU	60.65	256	iPd	24	37.00	-0.5				pP	28	18.00	448kmX	ALQ	88.52	51	eP	27	14.00	0.0			
	0.4s	63.00nm				5.5mb				sP	29	08.00			1.0s	36.25nm				5.2mb			
			e	26	17.00					S	36	13.00					epP	29	00.00	468kmX			
DAV	61.79	291	eP	24	44.80	-0.3	CWC	81.21	45	eP	26	39.00	0.8	NEW	88.61	36	eP	27	14.00	0.1			
KHKI	64.56	271	ePd	25	01.30	-1.8	TPC	81.27	48	eP	26	39.00	0.6	KHT	88.94	286	eP	27	18.70	2.7X			
			e	30	39.00					e	28	24.00					e	29	05.00				
SPA	68.47	180	iPc	25	28.00	1.4	MIN	81.30	40	ePc	26	38.40	-0.2	KMI	89.44	297	Pd-	27	20.00	1.5			
	0.7s	294.92nm				6.1mb	GSC	81.42	47	eP	26	40.00	0.8				pP	29	00.00	436kmX			
Z	17s	0.56um				4.9MszX				e	28	24.00					sP	29	46.00				
OCP	69.35	296	eP	25	47.50	15.1X	GLA	81.56	50	eP	26	41.00	1.1				S	37	05.00				
MAN	69.36	296	eP	25	31.90	-0.6				e	28	27.00					sS	39	40.00				
KKM	69.58	285	ePd	25	34.20	0.2	KDC	82.05	14	eP	26	41.80	0.1	IMA	89.47	10	eP	27	17.50	-0.2			
	1.2s	126.80nm				5.4mb	DL2	82.24	317	Pd	26	43.50	0.4	COL	89.48	13	eP	27	16.00	-1.5			
			e	27	14.00					pP	28	25.00	453kmX		0.8s	166.04nm				8.0mb			
BAG	70.65	297	eP	25	39.20	-1.2				sP	29	11.00		FBA	89.48	13	eP	27	16.80	-0.7			
			eS	34	16.00					ePP	30	01.00		BDT	89.52	289	eP	27	22.00	3.4X			
MAT	70.85	324	iPd+	25	40.10	-0.9				S	36	18.00			1.0s	144.90nm				5.8mb			
	1.3s	184.62nm				5.5mb	MNA	82.31	44	ePd	26	44.10	0.4	HHC	89.81	315	iPc	27	20.00	0.3			
			eS	34	20.00					e	27	04.00		BDW	90.15	43	P	27	20.60	-0.0			
SHK	72.61	319	iPd	25	50.80	-0.5				e	27	22.50			0.9s	42.74nm				5.4mb			
			eS	27	29.40					ipP	28	30.70	480kmX	CHG	90.17	290	iPd	27	23.20	1.5			
ADK	73.25	1	eP	25	51.90	-2.5				i	28	45.40			1.6s	425.00nm				6.1mb			
SMY	74.36	355	eP	25	59.50	-1.2				e	29	14.70					eS	37	44.00				
OZH	76.64	304	Pd	26	14.00	0.0	WHN	82.74	307	Pd	26	46.50	0.7	BTO	90.72	314	iPd	27	24.50	0.6			
			pP	27	52.00	443kmX				pP	28	26.50	445kmX	CD2	91.00	303	eP	27	26.60	1.3			
			sP	28	40.00					sP	29	12.00					pP	28	07.00	159kmX			
			S	35	20.00					eSKS	36	23.00					sP	29	54.00				
SSE	78.06	310	eP	26	20.70	-0.8				S	36	28.00		JCT	91.62	58	eP	27	27.50	-0.7			
	8.0s	1.40nm				2.6mb X	SNY	82.78	320	iPd	26	46.00	0.2		1.0s	20.00nm				5.1mb			
E	18s	1.40um								pP	28	26.50	447kmX	LZH	93.08	308	iPd	27	36.00	1.1			
			pP	28	00.00	448kmX				sP	29	11.00					i	29	27.00				
			sP	28	48.00					S	36	21.00					SKS	37	24.00				
			S	35	38.00		IPM	82.83	278	ePd	26	47.40	0.7	SES	93.10	36	ePd	27	34.00	-0.5			
			SKS	35	52.00			0.8s	100.50nm				5.6mb				pP	29	24.00	486kmX			

25d 22h

EDM	93.36	33	iP	27	35.50	-0.1
OZO	93.80	54	eP	27	35.80	-2.3
BRW	93.95	7	eP	27	37.60	-0.3
MEO	94.29	54	iP	27	40.40	0.0
ACO	94.63	52	eP	27	41.50	-0.4
INK	95.52	15	eP	27	44.00	-1.1
TUL	96.83	54	eP	27	37.00	-14.7X
	1.0s		4.10nm			
GTA	97.32	309	Pd	27	54.00	-0.1
			i	29	44.60	
			SKS	37	44.80	
CNCB	101.96	114	Pdiff	28	19.00	3.0
LPB	101.99	113	Pdiff	28	20.00	4.1X
			S	38	12.00	
			PS	39	26.00	
ZOBO	102.08	113	iPdiff	28	20.10	3.6X
Z	21s		0.39um		4.9Msz	
			S	38	02.00	
			LR	58	16.00	
MBC	104.02	12	ePdiff	28	23.00	-0.1
PKI	104.84	294	ePdiff	28	29.60	1.3
KKN	105.01	294	ePdiff	28	30.40	1.5
	0.8s		8.00nm		5.7mb	
DMN	105.11	294	ePdiff	28	30.00	0.6
GBA	107.76	278	PKP	32	47.00	0.7
			S	33	15.00	
HYB	107.92	282	ePKP	32	46.00	-0.7
NDI	112.11	293	ePKP	32	52.00	-2.3
			eS	38	52.00	
POO	112.52	282	ePKP	32	53.00	-2.4
BDF	119.01	123	ePKPc	33	06.90	-1.1
AVY	119.37	232	ePKP	33	08.00	-0.7
SCH	119.92	38	ePKP	33	07.00	-1.4
SUR	123.16	200	ePKP	33	14.50	-1.1
	0.9s		67.23nm			
DAG	123.93	6	iPKPc	33	13.80	-1.7
	0.7s		5.48nm			
BFS	125.85	208	iPKPc	33	20.50	-0.4
	0.7s		34.25nm			
BPI	125.92	210	ePKP	33	19.50	-1.6
	0.9s		58.82nm			
SLR	126.18	210	iPKPd	33	21.50	-0.1
	0.9s		16.81nm			
NPA	127.96	229	iPKP	33	25.00	0.0
			iSKP	36	02.00	
SOB1	128.33	122	ePKP	33	24.30	-1.5
			e	35	17.50	
KEV	129.51	349	ePKP	33	19.00	-7.4X
			e	33	26.00	
			iSKP	36	05.00	
			e	36	48.00	
			esSS	54	44.00	
ITR	130.54	123	ePKP	33	12.60	-17.4X
			e	33	28.20	
			e	33	51.50	
			e	35	20.80	
			e	35	51.00	
			e	36	08.60	
BUL	130.70	214	iPKPd	33	29.80	-0.5
			ipPKP	35	24.00	
			iSKP	36	12.00	
TET	130.98	223	iPKP	33	33.00	2.3
			iSKP	36	15.00	
SOD	131.63	347	ePKP	33	20.00	-10.4X
			e	33	31.00	
			iSKP	36	13.30	
MTD	131.72	220	iPKPc	33	32.10	-0.1
			epPKP	35	24.00	
			iSKP	36	15.00	
KRI	132.83	218	iPKPd	33	35.00	0.6
			epP	35	26.50	
			iSKP	36	19.80	
WIN	133.47	200	ePKP	33	37.00	1.4
	0.9s		29.41nm			
KJF	134.04	344	ePKP	33	22.00	-13.1X
	0.8s		41.10nm			
			i	33	35.00	
			ePP	35	24.00	
			iSKP	36	21.20	
			iPKS	37	04.20	
			ePPP	38	36.00	
			epPPP	39	28.00	
IR2	134.89	299	(PKP)	33	25.00	-12.8X
LSZ	134.89	218	ePKP	33	23.00	-15.3X
	0.8s		19.60nm			
			i	33	30.10	
			i	33	38.70	
			i	35	26.60	
			i	36	16.80	
			i	36	25.70	
SUF	135.66	344	ePKP	33	23.00	-15.2X
IKZ	135.98	227	ePKP	33	29.00	-11.5X
KMZ	137.69	217	iPKP	33	33.80	-9.9X
	0.8s		50.00nm			
NUR	137.91	343	ePKP	33	34.00	-8.5X
	1.0s		44.00nm			
			i	33	42.00	
			iSKP	36	33.00	
KER	138.10	298	ePKP	33	34.00	-9.9X
NB2	140.07	353	PKP	33	38.30	-8.2X
	1.1s		20.50nm			
UPP	140.16	347	iPKP	33	38.50	-8.0X
			i	36	38.30	
BHD	140.45	296	ePKP	33	42.00	-6.0X
			iS	36	42.00	
HFS	140.60	350	ePdiff	31	05.20	-0.6
	0.4s		2.00nm			
HFS	140.60	350	ePKP	33	39.20	-8.2X
	0.3s		14.50nm			
MSL	141.02	301	ePKP	33	42.50	-6.4X
			eS	36	40.50	
KONO	141.61	353	ePKP	33	43.80	-5.4X
			e	36	43.70	
AAE	142.01	257	ePKP	33	47.00	-4.7X
LWI	144.24	232	iPKPc	33	56.00	0.6
MUD	144.79	353	iPKPc	33	55.20	0.5
	1.1s		370.00nm			
EDU	145.01	4	ePKP	33	54.60	-0.5
EBH	145.27	5	ePKP	33	55.40	-0.1
ESY	145.66	4	ePKPd	33	56.40	0.2
EBL	145.78	5	ePKPd	33	57.00	0.6
EKA	146.20	5	PKPc	33	58.80	1.7
	1.0s		85.30nm			
ESK	146.22	5	ePKP	33	59.00	1.9
BHL	147.54	299	PKPd	34	03.50	3.5X
			pPKP	35	53.00	
PPE	147.56	325	ePKPc	34	03.50	4.0X
HRI	147.61	298	ePKP	34	01.00	0.8
			eS	35	55.00	
KRA	148.14	337	ePKP	33	59.90	-0.4
	0.9s		105.00nm			
			i	34	05.70	
ODB	148.14	325	ePKP	34	04.00	3.5X
VRI	148.25	325	ePKPd	34	04.50	3.8X
JER	148.35	296	iPKPd	34	06.00	4.6X
			eS	35	57.00	
TLB	148.35	322	ePKP	34	05.00	4.2X
KSP	148.65	342	ePKP	34	01.00	-0.1
	1.1s		230.00nm			
			i	35	55.00	
WIT	148.65	354	ePKP	34	03.00	2.0
SPC	148.74	336	ePKP	34	06.90	5.3X
			e	36	04.30	
PRNI	148.74	293	ePKP	34	07.00	5.0X
			eS	35	57.00	
PSN	148.81	321	iPKPd	34	07.00	5.5X
ISR	148.83	325	ePKPd	34	06.50	4.8X
MLR	148.92	326	iPKPd	34	06.00	4.1X
CLL	149.07	346	iPKP	34	02.00	0.3
	1.2s		260.00nm			
			i	34	06.70	
			pPKP	36	04.20	
CSS	149.12	302	ePKP	34	06.50	4.1X
BRG	149.25	344	iPKPc	34	02.60	0.6
			id	34	07.20	
			ic	34	13.40	
			epPKP	35	57.50	
			i	36	04.40	
			e	41	10.00	
GPA	149.28	314	ePKP	34	01.70	-0.8
WTS	149.44	353	ePKP	34	02.00	-0.2
	1.0s		13.00nm			
CMP	149.54	326	ePKPd	34	09.00	6.3X
YLV	149.77	315	ePKP	34	04.00	0.8
PRU	149.91	343	PKP	34	08.20	5.2X
	1.1s		116.20nm			
			i	34	09.00	
			e	34	16.10	
			epP	36	03.20	
PSZ	149.91	335	ePKPc	34	03.70	0.5
MOX	150.00	347	ePKP	34	03.00	-0.2
	2.5s		732.00nm			
			i	34	09.00	
			i	34	16.00	
			ePKP	35	55.00	
DMK	150.14	318	iPKP	34	19.40	15.8X
BCK	150.33	309	ePKP	34	02.20	-2.8
BNS	150.42	353	iPKPd	34	10.00	6.3X
	1.1s		172.00nm			
JCK	150.43	354	ePKPd	34	09.70	6.0X
KCT	150.60	315	ePKP	34	04.00	-0.4
SRO	150.60	337	iPKP	34	10.40	6.3X
			i	34	19.70	
BUD	150.61	335	ePKPd	34	10.90	6.7X
	1.0s		40.70nm			
ZST	150.71	338	ePKP	34	04.90	0.6
			i	34	10.90	
			i	34	20.20	
			e	39	29.60	
GSH	150.73	354	ePKPd	34	10.40	6.1X
ENN	150.75	354	ePKP	34	10.00	5.8X
	1.0s		201.00nm			
			e	34	19.00	
			e	35	00.00	
UCC	150.84	356	PKPc	34	11.00	6.6X
			e	36	07.00	
PVL	150.87	323	iPKPc	34	05.00	0.3
EDC	150.87	316	ePKP	34	10.40	5.6X
MEM	150.90	354	PKP	34	10.40	6.0X
			e	36	01.30	
VKA	150.91	339	e(PKP)	34	03.50	-1.1
			iPP	34	11.10	
KHC	150.95	344	PKP	34	04.50	-0.2
	1.0s		160.00nm			
			i	34	11.30	
			e	34	20.30	
			e	36	02.00	
TNS	150.97	351	ePKPd	34	11.10	6.4X
GRF	150.98	347	ePKP	34	09.10	4.4X
			i	34	11.50	
			i	34	21.00	
			ePP	36	03.50	
GRF	150.98	347	iPKPd	34	10.00	5.3X
	1.1s		172.00nm			
WET	151.11	344	iPKPc	34	05.50	0.6
			i	34	11.50	
			i	34	21.60	
ELL	151.12	308	iPKP	34	11.60	6.1X
SNF	151.13	356	PKP	34	11.90	7.1X
			e	34	20.80	
SOP	151.34	338	ePKP	34	04.90	-0.3
DOU	151.52	356	iPKPc	34	12.00	6.6X
			e	36	05.90	
KDZ	151.70	320	iPKP	34	13.00	7.0X
PLD	151.80	322	ePKP	34	25.00	18.9X
WLF	151.81	354	PKPd	34	13.50	7.7X
			e	36	05.00	
HLW	151.95	293	ePKP	34	06.00	-0.7
			e	36	08.00	
YER	152.14	310	ePKP	34	12.70	5.9X
EZN	152.15	316	iPKPd	34	13.40	6.8X
VTS	152.32	324	ePKP	34	06.00	-0.8
PRK	152.49	315	ePKP	34	14.00	6.8X
MMB	152.69	322	iPKPc	34	07.00	-0.4
KBA	152.88	342	e(PKP)	34	06.00	-1.7
			iPP	34	15.00	
			i	34	28.40	
			i(S)	35	46.80	
			i	36	07.80	
CDF	152.91	351	ePKP	34	15.80	8.2X
	0.6s		19.80nm			
FLN	152.92	3	iPKPc	34	14.60	7.2X
	0.4s		22.90nm			
LDF	153.10	2	iPKPc	34	15.00	7.3X
	0.4s		11.40nm			
GRR	153.27	3	iPKPc	34	15.60	7.7X
	0.4s		18.30nm			
HAU	153.43	353	ePKP	34	16.00	7.8X
	0.6s		15.10nm			
LJU	153.45	339	ePKP	34	08.50	0.2
			i	34	16.70	
			e	34	30.00	
			e	36	06.00	
VAY	153.52	323	iPKP	34	16.00	7.5X
BSF	153.55	352	ePKP	34	16.40	7.9X
	0.6s		16.90nm			
LPF	153.62	4	iPKPc	34	16.40	8.0X
	4.0s		21.70nm			
VOY	153.66	340	e(PKP)	34	05.80	-2.9X
			e	34	16.70	
			e	34	31.20	

25d 22h

OGA	153.69	345	iPKPc	34	09.30	0.4
SKO	153.70	325	iPKP	34	08.00	-0.8
TRI	153.99	340	iPKPd	34	16.90	7.9X
			i	34	32.70	
			i	36	22.80	
LOR	154.39	356	ePKP	34	18.00	8.5X
	0.6s		18.00nm			
GRC	154.40	357	ePKP	34	10.00	0.5
			i	34	19.20	
			i	34	34.90	
SSF	154.61	357	ePKP	34	17.60	7.8X
	1.0s		24.00nm			
KZN	154.65	322	ePKP	34	18.00	7.8X
OHR	154.65	324	ePKP	34	10.00	-0.1
			i	34	36.30	
LBF	154.66	356	ePKP	34	18.40	8.5X
	1.0s		18.00nm			
ATH	154.87	315	ePKP	34	20.00	9.6X
AVF	154.89	357	ePKP	34	21.60	11.4X
SMF	155.01	356	ePKP	34	21.20	10.8X
MFF	155.09	3	ePKP	34	19.50	9.0X
LSF	155.48	360	ePKP	34	19.20	8.2X
BNG	156.17	226	iPKPc	34	12.10	-0.8
	0.9s		42.00nm			
			ic	34	43.60	
			id	36	06.80	
VLS	156.72	319	ePKP	34	23.50	10.6X
KIC	163.64	158	iPKP	34	20.60	-0.3
	0.9s		66.00nm			
			e	35	16.30	
			e	37	00.30	

S.D. = 1.0 on 222 of 305 obs.

* DEC 25, 1985 22h 24m 55.66± 1.34s
24.625 N ± 8.6km 121.281 E ±18.9km
DEPTH = 33.0km (normal)
TAIWAN (244)

TWC	0.52	92	iPc	25	05.50	-1.0
			eS	25	32.00	
TWZ	0.54	30	ePd	25	07.00	0.1
ANP	0.60	21	eP	25	08.00	0.3
TWD	0.61	152	iPc	25	09.50	1.6
			eS	25	39.50	
TWF1	1.27	179	iPd	25	17.60	0.4
TWK	1.54	208	iPc	25	25.50	4.4X
TWG	1.81	186	iPc	25	23.50	-1.5

S.D. = 1.4 on 6 of 7 obs.

* DEC 26, 1985 00h 03m 04.79± 0.76s
62.059 N ±13.6km 124.146 W ± 7.3km
DEPTH = 10.0km (geophysicist)
NORTHWEST TERRITORIES, CANADA (679)

FST1	1.39	100	Pg	03	31.50	1.3
YKA	4.48	80	P	04	13.20	-1.0
YKC	4.54	80	eP	04	15.00	-0.1
DWY	7.23	293	P	04	52.00	-0.9
			S	06	12.00	
			Lg	08	12.00	
INK	7.40	332	eP	04	54.00	-1.3X
EDM	10.56	142	eP	05	35.50	-3.7X
COL	10.92	295	eP	05	45.00	1.0
PNT	13.02	167	eP	06	09.00	-3.3X
FFC	13.69	112	eP	06	15.00	-6.2X
	0.9s		63.00nm			5.5mb X
SES	13.74	142	eP	06	17.00	-4.8X
MBC	14.34	5	eP	06	25.00	-4.6X
NEW	14.38	161	e(P)	06	30.00	-0.3
LHC	23.75	109	eP	08	24.00	6.4X
FRB	24.71	61	eP	08	27.00	0.3

S.D. = 1.1 on 7 of 14 obs.

DEC 26, 1985 00h 05m 08.89± 0.69s
10.882 S ± 4.8km 74.407 W ± 5.5km
DEPTH = 36.7 ± 7.5 km
5.1mb (11 obs)
PERU (116)

NNA	2.63	245	iPc	05	51.50	1.6
			eS	06	25.00	
PT01	2.81	246	iP	05	53.30	0.8
PT02	2.85	224	iP	05	52.00	-1.1
PT03	3.38	204	iP	06	00.00	-0.5
PT06	3.48	212	iP	06	01.50	-0.5
ARE	6.23	153	eP	06	42.00	0.8
ZOBO	8.12	132	Pd	07	07.70	-0.2
Z	16s		0.54um			
			S	09	12.00	
			LR	13	10.00	
LPB	8.31	133	P	07	13.00	2.6X
			i	07	36.00	
			S	09	28.00	
CNCB	8.58	134	P	07	15.00	0.7
			i	07	40.00	
			S	09	31.00	
CCH	10.29	130	eP	07	38.00	0.4
			(S)	10	27.90	
QUR	11.40	339	eP	07	53.50	0.7
PSO	12.34	346	eP	08	02.50	-3.0
TPZ	13.42	143	iP	08	19.00	-0.8
BOG	15.41	1	eP	08	47.50	1.8
			eS	11	35.00	
CHN	15.79	356	eP	08	52.00	1.5
SLA	16.16	150	eP	08	54.80	-0.4
FUQ	16.26	2	eP	08	56.00	-0.6
BMG	17.88	4	eP	09	19.00	2.2X
SDV	19.99	11	eP	09	43.40	1.8
ATB	23.25	73	e(P)	10	04.60	-9.5X
ITB1	23.42	128	Pd	10	16.20	0.5
ITB7	23.84	129	Pd	10	19.50	-0.3
BDF	26.22	103	Pd	10	42.90	0.3
VAO	28.82	118	e(P)	11	04.00	-2.1
ITA	30.61	116	eP	11	20.50	-1.8
SOB1	33.03	90	eP	11	43.90	0.6
			e	11	47.80	
ITR	35.51	90	eP	12	03.90	-0.7
JCT	47.83	330	eP	13	45.20	0.1
	1.0s		65.00nm			5.6mb
LTX	48.94	326	P	13	53.30	-0.5
	1.0s		10.00nm			4.8mb
BHO	49.03	337	eP	13	54.70	0.4
RLO	50.68	338	eP	14	06.70	-0.2
TUL	50.73	338	eP	14	07.40	0.1
	0.8s		40.40nm			5.5mb
FVM	50.87	344	P	14	06.80	-1.5
	0.8s		25.00nm			5.2mb
MEO	50.87	334	ePd	14	07.80	-0.6
OZO	51.29	334	eP	14	08.50	-3.1X
ACO	52.74	335	eP	14	15.00	-7.5X
	0.8s		23.60nm			5.2mb
ALQ	54.76	328	eP	14	37.00	-0.6
	0.8s		11.19nm			4.9mb
OTT	56.02	359	eP	14	29.00	-17.2X
MNT	56.12	1	iPd	14	47.40	0.5
	0.7s		24.00nm			5.3mb
GOL	57.96	332	P	14	59.50	-1.0
BDW	62.33	331	P	15	28.00	-2.3
	1.0s		12.60nm			5.0mb
BMN	64.61	325	P	15	45.00	-0.2
SES	68.88	336	ePc	16	11.30	-0.7
NEW	69.96	331	eP	16	18.00	-0.6
KIC	71.42	79	eP	16	27.30	-0.8
PNT	71.88	331	eP	16	30.00	-0.2
	0.9s		23.00nm			5.2mb
SPA	79.19	180	eP	17	12.00	0.4
	1.0s		7.50nm			4.6mb
RSNT	79.49	342	P	17	11.00	-1.9
INK	89.23	341	eP	18	03.00	1.0
			pP	18	14.00	35kmX
MBC	90.90	350	eP	18	11.00	1.4
COL	92.86	336	eP	18	19.00	0.2
BNG	93.72	86	ePd	18	24.60	0.7
	0.8s		5.00nm			5.0mb
WB2	138.29	223	ePKP	24	33.30	0.2
WRA	138.29	223	PKPd	24	33.50	0.4
	0.6s		2.00nm			
NDI	148.09	52	ePKP	24	51.00	1.3
POO	148.41	72	ePKP	24	55.50	5.0X
BJI	149.48	344	ePKP	24	56.50	5.1X
GBA	152.36	81	PKP	25	04.40	8.0X
HYB	153.01	73	ePKP	24	58.00	0.7
DMN	154.55	46	PKP	25	00.80	1.3
KKN	154.57	46	PKP	25	00.80	1.4
	0.8s		9.00nm			
PKI	154.79	46	PKP	25	01.00	1.1

S.D. = 1.1 on 53 of 62 obs.

DEC 26, 1985 00h 56m 28.29± 0.57s
42.301 N ± 5.8km 19.910 E ± 4.5km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 2.7 (TTG).

PVY	0.30	9	ePg	56	34.70	0.1
			eSg	56	40.00	
TTG	0.50	285	ePg	56	37.50	-0.9
			eSg	56	46.50	
ULC	0.60	236	ePg	56	40.50	0.2
			eSg	56	50.20	
BDV	0.80	269	ePg	56	44.50	0.6
			eSg	56	57.50	
NKY	0.85	308	ePg	56	44.50	-0.2
			eSg	56	58.00	
HCY	1.06	278	ePg	56	48.50	0.3
			eSg	57	06.00	
BRY	1.17	301	ePg	56	50.40	0.1
			eSg	57	08.50	
SKO	1.18	106	iPn	56	50.50	0.1
			i	56	52.00	
OHR	1.36	150	ePn	56	53.00	-0.3
VAY	2.22	115	ePn	57	08.40	2.8X

S.D. = 0.5 on 9 of 10 obs.

* DEC 26, 1985 01h 59m 52.01± 0.55s
25.114 N ±11.9km 142.425 E ± 9.0km
DEPTH = 33.0km (normal)
4.7mb (3 obs.)
VOLCANO ISLANDS REGION (213)

WHN	25.38	289	eP	05	18.10	0.3
GYA	32.17	280	P	06	19.00	-0.2
CD2	34.50	289	eP	06	39.50	0.2
KMI	35.84	279	eP	06	51.50	0.5
ALOA	36.04	167	iPc	06	52.00	-0.3
WB2	45.47	191	eP	07	58.10	-11.9X
WRA	45.47	191	Pd	07	58.20	-11.8X
	0.8s		5.20nm			
PKI	50.77	286	eP	08	51.10	-0.5
KKN	50.84	286	eP	08	51.80	-0.2
	0.8s		7.00nm			4.7mb
DMN	51.03	286	eP	08	53.20	-0.3
INK	64.74	24	eP	10	28.00	-0.9
MBC	67.74	15	eP	10	49.00	1.0
YKA	73.78	28	P	11	24.10	-0.4
SOD	76.32	339	eP	11	38.00	-1.0
KJF	77.66	336	eP	11	47.00	0.5
SUF	79.07	335	iP	11	54.40	0.2
	0.5s		4.70nm			4.7mb
ALQ	91.59	50	eP	13	01.00	3.6X
	1.0s		2.50nm			4.6mb
ZOBO	150.15	79	PKP	19	38.30	1.1
LPB	150.28	79	ePKPc	19	40.00	2.8X
	1.0s		20.00nm			
CNCB	150.48	80	ePKP	19	40.00	2.3X
TPZ	153.92	88	(PKP)	19	36.00	-6.3X

S.D. = 0.7 on 15 of 21 obs.

* DEC 26, 1985 02h 34m 01.89± 1.14s
37.690 N ±10.0km 15.182 E ± 9.1km
DEPTH = 10.0km (geophysicist)
4.3mb (5 obs.)
SICILY (398)
Slight damage on slopes of Mt. Etno.

VLS	4.30	82	eP	35	08.50	-0.4
OHR	5.53	50	ePn	35	25.40	-0.9
KZN	5.76	61	eP	35	30.50	1.0
SKO	6.44	46	iPn	35	40.40	1.3
VAY	6.77	55	iPn	35	42.00	-1.6
MMB	7.66	57	iPd	35	55.00	-1.2
TRI	8.08	353	eP	36	03.10	1.1
			e	36	40.00	
LJU	8.36	357	e(P)	36	04.80	-1.1
			i	36	08.00	
			e	37	45.70	
VOY	8.39	354	e(P)	38	05.80	-0.6
KBA	9.48	352	eP	38	21.00	-0.6
	0.7s		10.20nm			5.3mb X
			i	36	24.30	
			i	36	44.70	
SRO	10.37	12	eP	36	35.20	1.5
ZST	10.59	7	eP	36	36.80	0.1
MLR	11.20	43	eP	36	46.00	0.8
KHC	11.49	355	P	36	46.50	-2.5
			e	36	49.50	
			e	36	57.60	
			e	37	11.30	
PRU	12.30	358	eP	37	08.00	8.1X
GRF	12.33	348	eP	36	54.00	-6.3X

KRA	12.83	14	eP	37	07.80	0.9
KSP	13.17	3	eP	37	13.00	1.5
MOX	13.20	350	eP	37	12.50	0.6
	1.2s	37.00nm				5.4mb X
BRG	13.21	357	iPc	37	25.10	13.1X
	1.2s	21.00nm				
			e	37	34.70	
CLL	13.71	354	e(P)	37	18.00	-0.5
			e	37	28.00	
WTS	15.47	340	eP	37	49.00	7.5X
	0.9s	11.00nm				4.2mb
IFR	17.03	262	eP	38	08.00	6.2X
HFS	22.48	358	eP	39	02.80	0.3
	0.8s	10.90nm				4.4mb
NB2	23.51	355	P	39	11.20	-1.3
	1.3s	27.30nm				4.7mb
SUF	25.95	12	eP	39	37.00	1.2
	0.7s	3.20nm				4.1mb
KJF	27.59	12	eP	39	35.00	-15.8X
BNG	33.24	174	ePd	40	41.70	0.3
	0.8s	4.00nm				4.4mb
S.D. = 1.2 on 22 of 28 obs.						

& DEC 26, 1985 03h 29m 16.63s
60.708 N 151.937 W
DEPTH = 85.6km
KENAI PENINSULA, ALASKA (14)
<AGS-P>.

RDT	0.27	240	iP	29	29.14	-0.5
			iS	29	39.44	
NKA	0.35	84	iP	29	31.59	1.6
SPU	0.48	353	iP	29	30.31	-0.7
			iS	29	41.09	
CRP	0.57	349	iP	29	31.29	-0.6
			iS	29	43.10	
ILM	0.68	220	iP	29	32.20	-0.6
			iS	29	44.60	
NNL	0.74	154	iP	29	34.10	0.7
SLKM	0.87	103	iP	29	34.16	-0.7
			iS	29	48.15	
SUA	0.95	37	iP	29	35.68	-0.2
BRLK	1.08	151	eP	29	36.70	-0.6
			iS	29	52.53	
PMS	1.28	64	iP	29	39.56	-0.2
MPA	1.29	99	eP	29	39.03	-0.8
			iS	29	53.85	
SKT	1.29	9	iP	29	38.80	-1.1
PWA	1.37	46	eP	29	40.87	0.0
SEW	1.38	115	iP	29	40.08	-0.8
PTE	1.44	82	iP	29	40.75	-1.0
PLRM	1.62	56	eP	29	42.58	-1.6
PME	1.68	55	eP	29	43.62	-1.4
GHO	1.81	52	iP	29	45.33	-1.4
KNK	1.83	66	iP	29	45.64	-1.4
SVW	1.84	284	eP	29	45.19	-2.0
SML	2.06	56	iP	29	48.30	-1.8
KNIM	2.11	98	eP	29	47.99	-2.7
MTU	2.25	107	eP	29	51.27	-1.3
KDC	2.98	186	eP	30	00.10	-2.5
KLU	3.03	72	eP	30	00.85	-2.5
GLB	4.02	76	eP	30	14.13	-2.9
COL	4.62	23	eP	30	23.00	-2.4
27 obs. assocloted						

DEC 26, 1985 03h 51m 14.00± 0.46s
42.305 N ± 4.9km 19.898 E ± 3.9km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 2.8 (TTG).

PVY	0.30	11	iPgc	51	19.90	-0.3
			iSg	51	25.50	
TTG	0.49	285	ePg	51	23.20	-0.7
			eSg	51	32.00	
IVA	0.57	0	ePg	51	24.70	-0.8
			eSg	51	34.20	
ULC	0.59	235	ePg	51	26.00	0.0
			eSg	51	36.00	
NKY	0.84	308	ePg	51	30.20	0.0
			eSg	51	44.30	
HCY	1.05	278	ePg	51	34.50	0.8
			iSg	51	52.00	
PLE	1.09	340	ePg	51	35.00	0.5
			eSg	51	52.00	
BRY	1.16	301	ePg	51	36.20	0.4
			eSg	51	55.00	
SKO	1.19	106	iPn	51	36.00	-0.3
OHR	1.37	150	iPn	51	38.40	-0.8
VAY	2.23	115	iPn	51	51.60	0.1
VTS	2.46	82	iP	51	56.00	1.2
			iSg	52	37.00	
MMB	2.95	103	eP	52	06.00	4.3X
			eS	52	53.00	
PVL	3.98	76	eP	52	30.00	13.7X
KDZ	4.12	97	eP	52	31.00	12.7X
S.D. = 0.7 on 12 of 15 obs.						

? DEC 26, 1985 03h 51m 29.93± 0.86s
31.061 N ±15.9km 139.559 E ±15.0km
DEPTH = 33.0km (normal)
4.3mb (2 obs.)
SOUTH OF HONSHU, JAPAN (211)

BJI	20.98	302	eP	56	14.50	1.9
PKI	46.96	280	eP	59	59.40	-0.6
	1.0s	14.00nm				4.9mb X
KKN	47.00	280	eP	00	00.00	-0.2
	0.9s	41.00nm				5.4mb X
DMN	47.20	280	eP	00	01.60	-0.3
	1.0s	20.00nm				5.1mb X
WB2	50.96	186	eP	00	30.80	0.4
WRA	50.96	186	Pc	00	35.50	5.1X
INK	60.41	25	eP	01	38.00	0.0
YKA	69.76	28	P	02	39.40	1.0
KJF	71.22	335	eP	02	33.00	-14.3X
SUF	72.63	334	iP	02	55.20	-0.5
	0.6s	1.90nm				4.3mb
NUR	74.50	332	eP	03	06.00	-0.5
NB2	79.08	337	P	03	31.10	-1.1
	0.9s	3.60nm				4.4mb
S.D. = 1.0 on 10 of 12 obs.						

DEC 26, 1985 03h 59m 18.87± 0.80s
34.090 S ± 4.5km 70.062 W ± 4.6km
DEPTH = 6.1 ± 4.5 km
5.3mb (21 obs.)
CHILE-ARGENTINA BORDER REGION (127)

CHCH	0.52	288	iPd	59	29.50	0.3
PCH	0.60	321	iPc	59	31.00	0.1
FCH	0.78	346	iPc	59	34.00	-0.7
			iS	59	45.10	
SAN	0.81	322	iPd	59	34.40	-0.5
			iS	59	48.50	
			iS	59	49.70	
BACH	0.82	334	iPc	59	34.50	-0.6
TACH	0.85	301	iPc	59	35.30	-0.3
			iS	59	47.00	
PEL	1.08	331	iP	59	39.10	-0.5
LNV	1.13	276	iP	59	40.00	-0.3
ROCH	1.37	324	iP	59	44.00	-0.7
JACH	1.47	342	iP	59	45.70	-0.3
RFA	1.48	118	ePc	59	47.50	1.3
RTCV	2.57	30	iPd	00	04.00	2.3
			S	00	40.70	
ZON	2.79	25	eP	00	09.00	4.0X
			eS	00	51.00	
RTCB	2.81	23	ePd	00	09.00	3.8X
CFA	2.91	32	ePd	00	09.80	3.1X
RTLL	3.06	26	iPc	00	11.50	2.8X
VCA	5.56	17	ePd	00	47.00	2.6X
			S	02	08.00	
VBA	7.65	123	ePd	01	12.30	-1.2
SLA	10.14	24	ePc	01	47.20	-1.0
ANT	10.35	358	eP	01	52.00	1.1
TPZ	13.15	18	eP	02	30.00	0.8
ITB7	16.44	61	Pd	03	14.00	2.3
ITB1	16.57	60	e(P)	03	13.50	0.1
ITB	16.61	60	Pd	03	11.00	-2.9X
CNCB	17.31	7	iP	03	25.00	1.7
LP8	17.57	6	Pc	03	27.80	1.3
	1.5s	333.33nm				5.2mb
			S	06	48.00	
			PS	08	52.00	
			LR	09	45.00	
ARE	17.60	355	eP	03	27.00	0.3
ZOBO	17.83	6	Pd	03	30.00	0.1
	1.2s	70.95nm				4.7mb
			S	06	57.00	
			LR	09	46.00	
NNA	22.85	343	eP	04	25.30	1.2
	1.2s	28.13nm				4.7mb
VAO	23.05	67	eP	04	23.80	-2.2
			e	04	26.00	
			e	04	29.80	
ITA	25.14	69	eP	04	49.80	3.3X
			e	05	04.20	
			e	05	37.00	
BDF	27.11	53	iPc	05	02.20	-2.5X
			i	05	22.30	
PSO	35.75	348	eP	06	22.00	1.0
SOB1	36.47	54	eP	06	24.50	-2.2
			e	06	29.00	
ITR	38.48	56	eP	06	40.90	-2.7X
BOG	38.69	354	eP	06	47.00	1.3
SDV	42.74	359	iPd	07	18.30	-0.6
	0.9s	111.10nm				5.6mb
CAR	44.45	4	eP	07	31.00	-1.6
	0.9s	43.70nm				5.3mb
SJG	52.04	5	e(P)	08	27.00	-4.5X
SPA	56.09	180	iPc	09	01.20	0.2
	1.0s	80.36nm				5.7mb
SBA	63.32	191	eP	09	52.10	1.7
JCT	70.09	333	iP	10	34.00	0.1
	1.0s	65.00nm				5.7mb
LTX	70.63	329	P	10	37.00	-0.3
	1.0s	16.00nm				5.1mb
RSCP	70.83	347	P	10	37.80	-0.5
BHO	71.97	339	iPc	10	44.70	-0.4
MEO	73.54	336	eP	10	53.20	-1.1
KIC	73.56	70	iP	10	53.50	-1.4
	0.9s	66.00nm				5.7mb
TUL	73.67	338	eP	10	54.40	-0.6
	1.2s	90.30nm				5.7mb
RLO	73.68	339	eP	10	54.50	-0.6
QZO	73.90	335	eP	10	53.00	-3.4X
RRO	74.08	336	ePd	10	57.20	-0.2
	0.7s	17.70nm				5.2mb
FVM	74.16	343	P	10	56.80	-1.1
	0.9s	67.80nm				5.7mb
ACO	75.47	336	eP	11	03.60	-1.8
	1.3s	33.20nm				5.2mb
WIN	75.47	108	eP	11	05.00	-1.1
	1.0s	18.00nm				5.1mb
ALQ	76.66	330	eP	11	12.80	0.4
	1.1s	31.01nm				5.3mb
GLA	78.93	323	eP	11	26.00	1.2
OTT	79.28	356	eP	11	26.00	-0.3
MNT	79.29	357	iPc	11	27.20	0.9
BAR	79.57	321	eP	11	29.00	0.7
PLM	80.20	322	eP	11	33.00	1.2
GOL	80.36	333	P	11	32.80	0.2
TPC	80.38	323	eP	11	34.00	1.4
PAS	81.50	321	eP	11	39.00	0.6
GSC	81.71	323	eP	11	40.00	0.4
SBB	81.74	322	eP	11	40.00	0.3
BPI	81.96	116	iPc	11	39.00	-2.4
SLR	82.40	116	iPd	11	42.60	-1.0
	0.6s	10.00nm				5.1mb
SYP	82.74	320	eP	11	25.00	-20.0X
ISA	82.83	322	eP	11	46.00	0.6
CWC	83.24	323	eP	11	49.00	1.4
LHC	83.91	347	eP	11	49.00	-1.5
PRI	84.33	321	eP	11	54.00	0.9
FRI	84.49	322	ePc	11	53.50	-0.2
BDW	84.61	332	P	11	54.30	-0.2
	1.1s	14.82nm				5.1mb
MNA	84.84	324	ePc	11	56.30	0.7
LLA	84.84	321	eP	11	56.00	0.5
PRS	84.85	321	eP	11	56.20	0.7
JAS1	85.57	322	iPc	11	58.80	-0.3
GCC	85.70	321	eP	12	00.00	0.3
MHC	85.75	321	eP	12	00.90	0.7
BUL	85.79	111	iPd	12	00.90	0.0
	0.9s	7.98nm				4.9mb
BMN	85.97	326	P	11	59.00	-2.2
RSON	87.12	345	P	12	05.50	-0.9
	1.0s	22.00nm				5.4mb
ORV	87.36	323	iPc	12	08.80	1.0
MIN	88.01	323	eP	12	10.20	-0.9
LSZ	88.21	107	iPd	12	15.20	2.6
	1.0s	10.80nm				5.1mb
LRM	88.29	332	eP	12	12.80	0.4
KRI	88.46	109	iPd	12	14.50	0.7
WDC	88.65	323	iPc	12	13.50	-0.5
FHC	89.55	322	e(P)	12	19.60	1.3
MTD	90.02	110	eP	12	22.00	0.8
BNG	91.30	86	iPc	12	26.70	-0.3
	1.0s	15.00nm				5.3mb
			ic	12	30.00	

26d 04h

SES	91.59	335	eP	12	27.00	-0.5
IKZ	94.69	106	iP	12	44.30	1.5
INK	112.34	339	ePdiff	14	20.00	19.7X
WB2	121.45	207	ePKP	18	14.20	-1.0
WRA	121.45	207	PKPc	18	13.90	-1.3
	0.7s		3.50nm			
SUF	122.45	33	iPKP	18	15.00	-0.7
	0.7s		4.40nm			
KJF	123.42	31	iPKP	18	16.60	-1.0
	0.8s		20.50nm			
IR2	132.18	70	(PKP)	18	36.00	0.5
GBA	144.19	117	PKP	18	55.40	-2.4
POO	144.35	107	ePKP	18	55.00	-3.1X
HYB	147.39	113	ePKP	19	03.40	0.3
	1.1s		56.30nm			
			i	19	05.60	
KGM	147.50	168	ePKPd	19	05.80	2.4X
IPM	149.49	162	ePKPc	19	08.30	1.7
	0.9s		66.80nm			
NDI	151.63	92	ePKP	19	09.50	0.2
DMN	157.75	100	PKP	19	18.50	0.5
KKN	157.95	100	PKP	19	18.50	0.3
	1.0s		14.00nm			
PKI	157.98	101	PKP	19	18.70	0.4
	1.0s		14.00nm			
SHL	162.20	114	iPKP	19	23.00	0.4
	S.D. = 1.1		on 95 of 110 obs.			

• DEC 26, 1985 04h 11m 32.19± 1.14s
28.583 N ±12.3km 142.289 E ±17.5km
DEPTH = 33.0km (normal)
4.9mb (1 obs.)

BONIN ISLANDS REGION (212)

CBI	1.49	184	eP	11	57.00	0.1
			eS	12	34.00	
SSE	18.48	283	P+	15	42.00	-5.3X
	9.0s		1.10nm		2.0mb X	
			eS	19	03.00	
DL2	19.99	306	eP	16	06.00	1.4
NJ2	20.52	285	Pc	16	09.00	-1.2
TIA	22.53	296	eP	16	30.50	0.1
BJI	24.32	305	eP	16	46.50	-1.3
			eS	21	06.00	
			eSS	22	08.00	
WHN	24.36	281	P	16	49.00	0.7
TIY	26.51	298	eP	17	09.50	0.9
XAN	28.94	289	eP	17	30.00	-0.6
WB2	48.65	190	eP	20	23.20	6.6X
WRA	48.85	190	Pc	20	23.40	6.8X
	0.8s		10.30nm		4.9mb	
INK	61.65	25	eP	22	06.00	17.3X
YKA	70.80	29	P	22	46.90	-0.1
	S.D. = 1.1		on 9 of 13 obs.			

DEC 26, 1985 04h 17m 06.41± 0.83s
34.022 S ± 8.7km 70.164 W ± 7.9km
DEPTH = 33.0km (normal)

CHILE-ARGENTINA BORDER REGION (127)

CHCH	0.42	282	iPd	17	14.90	-0.9
PCH	0.49	324	iP	17	16.30	-0.7
			i(S)	17	21.50	
FCH	0.70	351	iP	17	19.40	-0.8
			iS	17	30.00	
SAN	0.70	324	iPc	17	19.70	-0.2
			iS	17	30.60	
BACH	0.72	338	iP	17	19.70	-0.5
			iS	17	31.00	
TACH	0.74	299	iPc	17	20.60	0.2
			iS	17	32.50	
PEL	0.98	333	iP	17	24.20	0.3
LNV	1.04	273	iPc	17	25.50	0.9
			iS	17	41.00	
ROCH	1.26	326	iP	17	28.50	0.4
			iS	17	47.50	
JACH	1.38	345	iP	17	31.10	1.4
			i(S)	17	49.00	
RFA	1.59	116	eP	17	32.60	-0.1
ZON	2.77	27	eP	17	56.00	6.6X
			eS	18	36.00	
	S.D. = 0.8		on 11 of 12 obs.			

DEC 26, 1985 04h 55m 08.85± 1.42s
30.912 N ± 9.4km 139.591 E ± 6.0km
DEPTH = 81.9 ± 11.2 km
4.5mb (4 obs.)

SOUTH OF HONSHU, JAPAN (211)

OYM	4.50	356	eP	56	15.10	-0.2
SRY	4.69	357	eP	56	17.70	-0.2
DDR	5.08	356	eP	56	23.40	0.0
TSK	5.30	5	eP	56	26.20	-0.2
SHK	6.85	304	eP	56	47.40	-0.4
MDJ	15.78	333	eP	58	54.00	7.4X
SNY	16.85	315	eP	59	02.80	2.8X
CN2	17.05	323	Pc	59	03.80	1.3
NJ2	17.73	279	eP	59	10.00	-0.9
TIA	19.44	292	eP	59	32.90	2.3
BJI	21.08	302	eP	59	48.00	0.6
			eS	03	43.00	
WHN	21.69	276	eP	59	53.50	-0.1
BAG	22.57	235	eP	00	06.00	3.5X
TIY	23.39	294	P	00	11.40	1.2
MAN	23.46	231	eP	00	00.00	-10.9X
BTO	25.77	300	eP	00	33.50	0.6
XAN	26.01	285	eP	00	34.20	-0.9
GYA	29.16	270	eP	01	03.00	-0.8
CD2	30.66	279	P	01	16.70	-0.2
KKN	47.06	281	eP	03	34.80	1.2
	1.0s		22.00nm		5.0mb X	
WB2	50.81	186	eP	04	02.10	-0.1
WRA	50.81	186	Pd	04	02.50	0.3
	0.7s		4.90nm		4.6mb	
NDI	53.54	285	eP	04	20.50	-2.1
COL	55.12	30	eP	04	34.00	0.4
	0.7s		6.85nm		4.8mb	
INK	60.54	25	ePd	05	10.70	-0.8
MBC	62.81	15	eP	05	27.00	0.3
YKA	69.88	28	P	06	11.70	0.1
YKC	69.94	28	eP	06	11.00	-1.0
KJF	71.37	335	eP	06	19.00	-1.6
SUF	72.77	334	iP	06	28.30	-0.7
	0.7s		3.60nm		4.4mb	
EDM	75.12	36	eP	06	43.00	0.2
NEW	75.62	42	eP	06	46.00	0.3
SES	77.86	38	ePd	06	57.50	-0.6
NB2	79.23	337	P	07	04.80	-0.6
	0.8s		3.70nm		4.3mb	
LRM	79.62	43	eP	07	08.70	0.6
SYP	80.80	55	eP	07	18.00	3.6X
CWC	81.12	53	eP	07	16.00	-0.1
ISA	81.26	54	eP	07	16.00	-0.7
SBB	82.22	54	eP	07	22.00	0.3
GSC	82.60	53	eP	07	24.00	0.3
PLM	83.61	55	eP	07	29.00	0.0
TPC	83.78	54	eP	07	29.00	-0.7
BAR	84.11	55	eP	07	33.00	1.6
GLA	85.21	54	eP	07	38.00	1.2
ZOBO	150.82	66	ePKPc	14	53.50	5.6X
LPB	150.99	67	PKP	14	54.00	6.1X
TPZ	155.47	74	ePKP	14	40.00	-14.0X
	S.D. = 0.9		on 39 of 47 obs.			

DEC 26, 1985 05h 07m 24.69± 1.28s
30.728 N ± 7.9km 139.645 E ± 5.2km
DEPTH = 58.5 ± 9.8 km
4.9mb (15 obs.)

SOUTH OF HONSHU, JAPAN (211)

KYS	4.48	5	eP	08	29.60	-1.9
OYM	4.69	356	eP	08	35.10	0.5
SRY	4.88	356	eP	08	37.40	0.2
DDR	5.27	356	eP	08	43.60	0.8
TSK	5.48	4	eP	08	45.10	-0.6
SHK	6.99	305	eP	09	03.50	-3.3X
MDJ	15.97	333	eP	11	06.80	0.0
SNY	17.01	315	Pc	11	22.80	2.8X
CN2	17.23	323	Pc	11	24.00	1.3
			pP	11	32.00	
NJ2	17.80	280	Pd	11	31.00	1.2
			S	15	00.00	
BJI	21.22	302	eP	12	09.00	1.5
			eS	16	03.00	
			eSS	16	34.00	
WHN	21.76	276	P	12	14.00	1.1
			pP	12	23.50	35kmX
			sP	12	27.00	
			S	16	18.00	
BAG	22.50	235	eP	12	19.50	-1.0
MAN	23.38	231	eP	12	20.00	-8.9X
TIY	23.50	295	P	12	31.70	1.6
			S	16	46.50	
HHC	24.82	302	eP	12	43.80	0.9
			eS	17	13.00	
BTO	25.90	300	eP	12	53.00	0.1
			eS	16	33.50	
XAN	26.11	285	P	12	55.00	0.2
GYA	29.21	270	eP	13	22.40	-0.7
LZH	30.25	290	P	13	31.50	-0.8
CD2	30.74	280	eP	13	36.30	-0.2
KMI	32.98	269	eP	14	02.50	6.1X
	E 12s		0.40um			
			eS	19	10.00	
GTA	33.51	296	P	14	00.00	-0.8
LOE	36.89	258	eP	14	36.00	6.5X
CHG	38.62	262	eP	14	43.50	-0.6
WMQ	42.70	303	P	15	17.00	-0.5
KKN	47.14	281	eP	15	53.40	0.1
	0.9s		26.00nm		5.2mb	
WB2	50.64	186	eP	16	21.00	1.1
WRA	50.64	186	Pd	16	18.50	-1.5
	0.9s		3.10nm		4.3mb	
TTA	51.49	32	eP	16	26.60	0.5
BRW	52.79	21	eP	16	36.40	0.8
IMA	52.90	28	eP	16	36.50	-0.2
NDI	53.63	285	eP	16	37.00	-5.4X
PMR	54.62	34	P	16	48.30	-0.8
	0.8s		17.24nm		5.1mb	
PME	54.66	34	eP	16	47.50	-2.0
	0.7s		17.10nm		5.2mb	
COL	55.25	30	eP	16	54.00	0.2
	0.8s		11.19nm		4.9mb	
FBA	55.25	30	eP	16	52.80	-1.0
	0.7s		10.00nm		5.0mb	
HYB	56.72	271	eP	17	05.80	0.7
GBA	59.39	268	P	17	31.00	7.4X
POO	60.29	275	eP	17	27.50	-2.3
INK	60.68	25	ePd	17	30.70	-1.0
MBC	62.98	15	eP	17	47.00	0.0
YKA	70.01	28	P	18	31.70	0.0
YKC	70.08	28	eP	18	31.00	-1.1
	1.0s		15.00nm		4.9mb	
SOD	70.21	338	eP	18	32.00	-0.9
KJF	71.55	335	iP	18	40.80	-0.2
	0.8s		14.70nm		5.0mb	
SUF	72.96	334	iP	18	48.20	-1.2
	0.7s		6.20nm		4.6mb	
PNT	73.77	42	eP	18	54.00	-0.4
NUR	74.82	332	iP	18	59.50	-0.7
EDM	75.24	36	iPc	19	03.00	0.2
NEW	75.73	42	eP	19	06.00	0.3
SES	77.97	38	ePd	19	17.80	-0.3
JAS1	78.83	53	P	19	24.00	1.0
HFS	79.21	336	eP	19	23.50	-1.1
	0.6s		7.50nm		4.8mb	
NB2	79.42	337	P	19	24.90	-0.9
	0.6s		4.90nm		4.6mb	
BMN	79.68	49	P	19	28.80	1.1
LRM	79.73	43	ePd	19	28.60	0.6
FFC	79.82	31	eP	19	28.00	0.1
	0.8s		14.00nm		4.9mb	
SYP	80.86	55	eP	19	36.00	1.9
ISA	81.33	54	eP	19	36.00	-0.4
SBB	82.29	54	eP	19	41.00	-0.5
BDW	83.16	44	P	19	46.80	0.8
	1.0s		5.00nm		4.5mb	
FRB	83.23	12	eP	19	46.00	0.4
PLM	83.68	55	eP	19	45.00	-3.8X
TPC	83.85	54	eP	19	50.00	0.6
BAR	84.18	55	eP	19	52.00	0.9
GLA	85.27	54	eP	19	57.00	0.4
ALQ	89.81	49	eP	20	19.30	0.6
	1.0s		2.75nm		4.5mb	
LHC	89.88	30	eP	20	19.00	0.6
LTX	95.16	52	P	20	44.50	1.3
	0.9s		5.64nm		5.0mb	
ZOBO	150.85	67	iPKPc	27	13.80	6.3X
	1.0s		10.00nm			
LPB	151.02	67	PKP	27	04.00	-3.5X
CNCB	151.27	68	ePKP	27	10.00	1.9X
	S.D. = 1.0		on 62 of 73 obs.			

? DEC 26, 1985 05h 57m 51.01± 1.28s
62.260 N ±23.5km 124.163 W ±11.7km
DEPTH = 10.0km (geophysicist)

NORTHWEST TERRITORIES, CANADA (679)

FST1	1.45	108	Pg	58	17.20	0.0
YKA	4.46	83	P	59	04.00	3.9X
RSNT	4.46	83	ePn	59	05.50	5.3X

			ePg	59 16.00		
			eS	00 12.00		
YKC	4.52	83	eP	59 01.00	0.0	
DWY	7.14	291	P	59 38.00	0.0	
			Lg	01 38.00		
INK	7.22	331	eP	59 39.00	0.0	
EDM	10.73	143	eP	00 21.00	-6.7X	

S.D. = 0.1 on 4 of 7 obs.

* DEC 26, 1985 07h 58m 49.82± 0.98s
50.222 N ± 8.1km 12.409 E ± 8.7km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.66	310	ePg	59 03.00	0.0	
			eSg	59 12.00		
CLL	1.15	19	iPg	59 11.30	-0.1	
			iSg	59 26.90		
BRG	1.18	56	iPg	59 12.00	0.2	
			iSg	59 27.00		
KHC	1.33	145	ePg	59 14.50	0.1	
			Sg	59 31.00		
PRU	1.39	99	ePg	59 15.00	-0.3	
			Sg	59 33.50		

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

* DEC 26, 1985 08h 16m 22.00± 3.05s
36.301 N ±13.2km 71.001 E ±18.3km
DEPTH = 65.6 ± 32.1 km
4.2mb (3 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

NDI	9.23	144	eP	18 36.50	1.7	
			eS	20 10.00		
DMN	14.77	122	eP	19 47.80	-1.0	
	0.5s		6.00nm		4.1mb	
KKN	14.77	121	eP	19 48.50	-0.4	
PKI	15.00	121	eP	19 51.60	-0.3	
HYB	19.96	158	eP	20 50.70	-0.9	
GBA	23.33	164	P	21 25.40	0.4	
BJI	35.42	70	eP	22 51.00	-22.5X	
NUR	37.99	324	iP	23 34.50	-0.3	
SUF	38.09	328	iP	23 35.70	0.0	
	0.6s		3.10nm		4.4mb	
SOD	39.92	335	eP	23 51.00	0.2	
NB2	44.54	323	P	24 27.40	-1.2	
	0.8s		2.70nm		4.1mb	
MBC	67.54	3	eP	27 13.00	0.2	
INK	74.10	9	eP	27 53.00	0.7	
YKA	81.44	3	P	28 33.60	0.9	

S.D. = 0.9 on 13 of 14 obs

DEC 26, 1985 08h 48m 49.49± 0.39s
14.127 S ± 6.2km 166.323 E ± 7.3km
DEPTH = 33.0km (normal)
4.7mb (4 obs.)
VANUATU ISLANDS (186)

PVC	4.07	152	iPc	50 02.00	11.0X	
HNR	7.79	306	eP	50 42.00	-1.5	
			eS	50 59.00		
DZM	7.90	179	iPd	50 43.90	-1.2	
			iS	52 16.50		
SVO	8.07	307	eP	50 52.00	4.7X	
			eS	51 07.00		
NOU	8.14	179	iPc	50 47.40	-0.9	
			iS	52 18.40		
NDF	11.29	110	eP	51 35.00	3.3X	
VUN	12.29	110	eP	51 45.60	0.5	
BRS	18.27	222	P	53 05.90	3.6X	
			eS	56 31.00		
PMG	19.34	282	eP	53 16.00	0.8	
CTA	20.07	250	iPc	53 23.80	0.7	
	1.3s		35.58nm		4.5mb	
			eS	57 19.00		
RMO	20.53	230	e(P)	53 27.00	-0.8	
COO	21.09	217	eP	53 35.00	1.5	
KRP	25.08	163	P	54 12.60	0.1	
CMS	25.52	224	eP	54 17.00	0.2	
WB2	31.08	255	eP	55 06.00	-1.1	
WRA	31.09	255	Pd	55 05.90	-1.3	
	0.7s		2.50nm		4.1mb	
WBN	39.03	246	eP	56 15.50	0.4	
MEK	46.23	247	eP	57 13.50	-0.2	
SBA	63.73	180	eP	59 21.80	2.0	
MDJ	67.32	332	eP	59 42.50	-0.8	
BJI	71.22	322	eP	00 07.00	-0.3	
TIY	72.20	318	eP	00 13.40	0.0	
XAN	72.61	313	P	00 16.80	1.0	
KMI	73.21	302	eP	00 21.00	1.2	
CHG	74.00	295	eP	00 34.00	9.9X	
HHC	74.54	320	eP	00 27.80	0.8	
CD2	74.92	308	eP	00 29.70	0.4	
SPA	75.96	180	iPc	00 34.40	-0.4	
	0.8s		8.33nm		4.8mb	
LZH	77.24	313	eP	00 38.50	-3.9X	
	1.5s		32.00nm		5.1mb	
GTA	81.59	314	Pc	01 06.30	0.5	
SHL	82.48	299	eP	01 11.30	0.6	
IMA	85.31	15	eP	01 25.50	1.3	
COL	86.06	18	eP	01 26.00	-1.8	
YKA	97.44	27	P	02 19.70	-1.0	
KJF	122.45	340	ePKP	07 41.00	-1.5	
SUF	123.96	339	ePKP	07 43.00	-2.5X	
	0.5s		1.50nm			
SOB1	144.41	129	ePKP	08 22.50	-2.5X	
ITR	146.53	131	ePKP	08 27.90	-0.7	
			e	08 37.30		
BNG	146.82	256	iPKPc	08 30.40	1.3	
	0.9s		32.00nm			
			ic	08 40.90		
			ic	09 06.80		
			id	09 34.80		

S.D. = 1.1 on 31 of 39 obs.

DEC 26, 1985 10h 05m 38.94± 0.51s
50.237 N ± 4.9km 12.447 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.6 (FUR), 2.6 (GRF).

HOF	0.37	282	ePg	05 46.60	0.0	
MOX	0.67	308	ePg	05 52.00	-0.3	
			iSg	06 01.00		
GRF	0.96	236	ePg	05 57.60	0.4	
			eSg	06 12.50		
WET	1.13	165	iPg	06 00.10	0.0	
CLL	1.13	18	iPg	06 00.10	0.0	
			iSg	06 15.70		
BRG	1.15	56	iPg	06 00.50	0.1	
			iSg	06 15.50		
KHC	1.33	146	iPg	06 03.00	-0.5	
			iSg	06 27.20		
PRU	1.37	100	iPg	06 04.40	0.3	
			e	06 06.90		
			eSg	06 22.00		
FUR	2.21	201	ePg	06 22.70	6.5X	

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

DEC 26, 1985 11h 12m 21.91± 0.79s
40.185 N ± 7.1km 29.253 E ± 5.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

YLV	0.39	13	iPg	12 30.80	0.8	
KCT	0.69	276	iPg	12 35.30	-0.3	
			iSg	12 48.30		
HRT	0.71	26	iPg	12 35.70	-0.2	
			iSg	12 45.70		
GPA	0.82	82	iPg	12 36.90	-0.8	
			iSg	12 49.40		
ISK	0.89	351	iPn	12 40.20	1.2	
EDC	1.08	279	iPn	12 41.80	-0.4	
DMK	1.99	326	iPn	12 56.10	0.2	
EZN	2.28	262	ePn	13 00.50	0.4	
IZM	2.36	222	ePn	13 02.50	1.1	
YER	3.14	194	iPn	13 19.10	6.7X	
KDZ	3.30	297	iPd	13 24.00	9.4X	
			iS	14 05.00		
DIM	3.34	305	iP	13 28.00	12.8X	
PVL	4.25	315	iPd	13 27.00	-1.2	
MMB	4.42	290	eP	13 48.00	17.5X	
VTS	5.15	300	iP	13 40.00	-0.9	

S.D. = 0.9 on 11 of 15 obs.

DEC 26, 1985 11h 56m 34.43± 0.61s
44.614 N ± 4.5km 111.035 W ± 8.3km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 2.8 (NEIS).

IMW	0.72	175	eP	56 48.50	-0.4	
CCMT	1.34	284	ePd	57 00.30	0.4	
LCCM	1.36	334	iPd	57 00.10	-0.1	
TMI	1.46	206	eP	57 01.00	-0.6	
SXM	1.54	356	ePn	57 02.80	0.0	
LRM	1.57	321	ePnd	57 03.20	0.0	
MPI	1.74	239	eP	57 06.00	0.3	
BUT	1.77	323	ePg	57 07.90	1.9X	
			eSn	57 29.50		
BDW	2.12	149	e(P)	57 12.00	0.7	
HRY	2.17	345	ePn	57 11.50	-0.3	
NEW	5.57	313	e(P)	57 56.50	-3.5X	

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

* DEC 26, 1985 13h 47m 26.78± 1.17s
6.276 S ±11.2km 150.803 E ±16.8km
DEPTH = 33.0km (normal)
3.7mb (1 obs.)
NEW BRITAIN REGION (192)

BIAL	0.99	15	iPd	47 44.00	-0.4	
RAB	2.48	33	iPd	48 08.80	3.1X	
	0.4s		176.27nm			
			iS	48 49.00		
KVG	3.68	360	eP	48 18.00	-4.7X	
LMG	3.71	225	eP	48 22.50	-0.8	
PMG	4.77	229	eP	48 40.00	1.8X	
MDG	5.10	281	eP	48 44.00	1.1	
RMO	20.20	185	eP	52 03.00	1.3	
WB2	20.98	228	eP	52 09.70	0.0	
WRA	20.98	228	Pc	52 08.60	-1.2	
	0.5s		1.70nm		3.7mb	

S.D. = 1.3 on 6 of 9 obs.

& DEC 26, 1985 15h 07m 11.67s
60.258 N 153.370 W
DEPTH = 169.5km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.29	105	iP	07 34.23	1.1	
			iS	07 51.91		
RDT	0.57	56	iP	07 35.37	-0.6	
NNL	1.06	101	iP	07 39.45	0.4	
SPU	1.13	34	iP	07 39.06	-0.7	
			eS	08 00.13		
NKA	1.16	64	iP	07 40.65	0.8	
CRP	1.18	30	iP	07 39.85	-0.4	
BRLK	1.34	111	eP	07 41.25	-0.4	
SVW	1.40	309	iP	07 40.77	-1.4	
SLKM	1.58	80	iP	07 42.56	-1.4	
			iS	08 06.24		
SUA	1.77	46	iP	07 45.03	-0.9	
			iS	08 10.70		
SKT	1.95	27	iP	07 47.10	-0.7	
SEW	1.97	93	eP	07 47.21	-0.7	
MPA	2.01	82	iP	07 47.19	-1.2	
PMS	2.12	60	iP	07 48.33	-1.4	
PWA	2.20	49	eP	07 48.96	-1.7	
PTE	2.23	72	eP	07 48.95	-2.0	
PLRM	2.47	55	eP	07 51.39	-2.4	
PME	2.52	55	eP	07 52.28	-2.2	
KDC	2.56	169	iP	07 53.16	-1.7	
GHO	2.64	53	iP	07 53.99	-2.0	
KNK	2.67	62	iP	07 54.34	-2.0	
KNIM	2.81	86	eP	07 55.96	-2.0	
MTU	2.87	93	iP	07 58.48	-0.3	
SML	2.90	55	eP	07 56.86	-2.3	
TTA	2.96	336	eP	07 58.17	-1.8	
KLU	3.85	68	iP	08 09.44	-1.7	
GLB	4.82	72	eP	08 22.73	-1.1	
COL	5.32	27	eP	08 29.00	-1.4	
BALM	5.48	77	eP	08 31.66	-0.9	
DWY	7.55	54	P	08 59.00	-0.9	
			Lg	10 49.00		
INK	11.75	38	eP	09 55.00	0.1	

31 obs. associated

? DEC 26, 1985 15h 36m 21.84± 0.72s
20.952 S ±28.1km 175.195 W ±14.1km
DEPTH = 33.0km (normal)
4.7mb (4 obs.)
TONGA ISLANDS (173)

NOU	17.13	262	iPc	40 21.00	0.6	
DZM	17.13	263	iPc	40 22.00	1.5	
CTA	36.07	264	iPc	43 19.80	-2.6	
	1.1s		17.72nm		4.9mb	
WB2	47.13	262	eP	44 48.70	-4.4X	
WRA	47.14	262	Pd	44 48.60	-4.6X	

26d 15h

	0.9s	3.30nm		4.3mb		
SPA	69.18	180	ePc	47 28.00	0.9	
	1.0s	4.50nm		4.5mb		
PLM	77.51	47	eP	48 15.00	-1.3	
SBB	77.64	45	eP	48 17.00	0.2	
ISA	77.79	44	eP	48 18.00	0.4	
TPC	78.49	47	eP	48 21.00	-0.5	
GSC	78.68	45	eP	48 23.00	0.5	
GLA	78.74	48	eP	48 24.00	1.1	
ALQ	85.65	50	eP	49 00.00	1.1	
	1.5s	17.36nm		5.1mb		
SOB1	126.01	119	ePKP	55 21.40	-1.8	
	S.D. = 1.5	on	12 of	14 obs.		

• DEC 26, 1985 17h 01m 54.45± 1.10s
21.951 S ±10.2km 68.914 W ±17.5km
DEPTH = 84.2 ± 30.4 km
4.0mb (1 obs.)
CHILE-BOLIVIA BORDER REGION (124)

CAC	0.54	191	iPc	02 09.50	0.1	
ANT	2.23	218	eP	02 29.70	-0.4	
TPZ	3.01	81	(P)	03 30.00	48.7X	
SLA	4.19	132	eP	02 57.80	0.4	
CNCB	5.19	10	P	03 11.00	-0.8	
			i	03 30.00		
CCH	5.24	30	eP	03 11.00	-1.3	
LPB	5.44	8	eP	03 15.00	-0.2	
			i	03 32.00		
ZOBO	5.70	8	ePc	03 21.00	2.1	
	0.8s	7.52nm		4.0mb		
	S.D. = 1.5	on	7 of	8 obs.		

• DEC 26, 1985 17h 05m 47.80± 2.32s
23.762 N ±11 3km 122.025 E ±17.5km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWD	0.51	309	iPd	05 58.40	0.4	
			eS	06 06.50		
TWF1	0.78	239	iPd	06 03.00	-0.1	
			eS	06 14.00		
TWC	0.86	349	iPd	06 04.20	-0.1	
			eS	06 16.00		
TWO	1.20	295	iPd	06 10.00	-0.2	
			eS	06 27.50		
TATO	1.30	338	iP	06 11.20	-0.7	
			iS	06 29.00		
TWZ	1.39	343	iPc	06 12.60	-0.6	
ANP	1.49	342	eP	06 16.00	1.3	
	S.D. = 0.8	on	7 of	7 obs.		

DEC 26, 1985 17h 09m 24.43± 1.28s
30.930 N ± 7.7km 139.488 E ± 4.7km
DEPTH = 86.6 ± 10.2 km
4.7mb (12 obs.)
SOUTH OF HONSHU, JAPAN (211)

OYM	4.48	357	eP	10 31.20	-0.2	
SRY	4.67	358	eP	10 34.70	0.8	
DDR	5.06	357	eP	10 39.60	0.2	
TSK	5.29	5	eP	10 42.30	-0.3	
SHK	6.77	304	eP	10 58.50	-4.5X	
MDJ	15.73	333	eP	13 00.00	-2.0	
DL2	16.65	303	eP	13 17.00	3.3X	
SNY	16.78	315	iPc	13 18.60	3.4X	
CN2	16.99	323	Pd	13 19.00	1.2	
			eS	16 33.00		
GUA	18.82	163	e(P)	13 36.90	6.3X	
BJI	21.00	302	eP	14 03.00	0.5	
			eS	18 08.00		
WHN	21.60	275	P	14 08.60	0.0	
BAG	22.51	234	eP	14 15.00	-2.8	
TIY	23.30	294	P	14 27.30	2.0	
HHC	24.60	301	P	14 39.00	1.1	
BTO	25.68	300	eP	14 49.00	1.0	
			eS	19 26.00		
XAN	25.92	285	Pd	14 50.40	0.2	
GYA	29.07	269	P	15 18.40	-0.5	
LZH	30.05	290	P	15 26.50	-1.1	
	1.5s	46.00nm		5.0mb		
CD2	30.57	279	eP	15 31.90	-0.2	
GTA	33.30	296	Pd	15 55.30	-0.6	
CHG	38.51	261	eP	16 39.50	-0.6	
WMQ	42.47	303	Pd	17 13.90	1.4	
PKI	46.92	280	iP	17 48.20	-0.4	
KKN	46.96	281	iP	17 49.30	0.5	
DMN	47.17	280	iP	17 50.90	0.5	
	1.1s	94.00nm		5.6mb		
WB2	50.82	186	eP	18 19.10	1.0	
WRA	50.82	186	Pc	18 19.70	1.6	
	0.5s	1.50nm		4.3mb		
ND1	53.45	285	iPc	18 37.50	-0.3	
	1.2s	46.88nm		5.4mb		
PMR	54.52	34	P	18 43.50	-1.7	
COL	55.15	30	eP	18 49.00	-0.7	
HYB	56.58	271	ePc	19 00.20	-0.6	
GBA	59.26	268	P	19 18.50	-0.9	
POO	60.14	275	eP	19 25.00	-0.4	
INK	60.56	25	eP	19 27.00	-0.5	
MBC	62.82	15	eP	19 42.00	-0.6	
ALE	66.28	3	eP	20 05.50	0.6	
	0.9s	10.00nm		4.7mb		
YKA	69.90	28	P	20 27.60	0.0	
YKC	69.96	28	eP	20 27.00	-1.0	
KJF	71.31	335	iP	20 36.40	0.3	
	0.9s	25.30nm		5.1mb		
IR2	71.70	301	(P)	20 40.00	0.9	
SUF	72.72	334	iP	20 44.20	-0.3	
NEW	75.67	42	P	21 02.30	0.5	
WDC	76.08	51	ePc	21 04.50	0.3	
ORV	77.27	52	iPc	21 10.50	-0.4	
MHC	78.27	54	ePc	21 16.70	0.1	
JAS1	78.82	53	eP	21 19.50	0.1	
HFS	78.97	336	eP	21 19.20	-0.6	
	0.7s	8.80nm		4.8mb		
NB2	79.18	337	P	21 17.20	-3.7X	
	0.9s	10.40nm		4.7mb		
PRI	79.55	54	ePc	21 24.30	0.8	
BMN	79.65	49	P	21 25.00	1.0	
LRM	79.67	43	eP	21 24.70	0.5	
FFC	79.72	31	eP	21 23.00	-0.9	
	0.8s	5.00nm		4.4mb		
FRI	79.78	53	ePc	21 24.80	0.3	
MNA	80.09	51	ePc	21 26.80	0.4	
SYP	80.86	55	eP	21 36.00	5.5X	
CWC	81.18	53	eP	21 42.00	9.8X	
ISA	81.32	54	eP	21 32.00	-0.8	
SBB	82.29	54	eP	21 38.00	0.1	
MWC	82.37	55	eP	21 39.00	0.5	
GSC	82.67	53	eP	21 40.00	0.2	
BDW	83.11	44	P	21 42.50	0.3	
	1.0s	5.00nm		4.4mb		
PLM	83.68	55	eP	21 28.00	-17.2X	
TPC	83.84	54	eP	21 45.00	-0.8	
BAR	84.18	55	eP	21 48.00	0.5	
GLA	85.27	54	eP	21 53.00	0.0	
ALQ	89.78	49	eP	22 14.00	-0.9	
	1.0s	3.25nm		4.5mb		
LTX	95.14	51	P	22 40.00	0.5	
	1.0s	3.00nm		4.7mb		
ZOBO	150.90	66	PKPc	29 09.50	5.8X	
	1.0s	10.00nm				
LPB	151.07	67	PKPc	29 10.00	6.2X	
CNCB	151.31	67	PKP	29 10.00	5.6X	
	S.D. = 0.9	on	60 of	71 obs.		

• DEC 26, 1985 17h 16m 21.84± 0.86s
24.187 N ± 8.1km 121.573 E ±11.4km
DEPTH = 33.0km (normal)
TAIWAN (244)

TWD	0.11	169	iPc	16 28.00	0.3	
TWC	0.49	31	iPc	16 32.50	0.2	
			eS	16 41.00		
TWO	0.68	278	iPd	16 35.60	0.6	
			eS	16 46.50		
TATO	0.79	354	eP	16 36.70	0.2	
			eS	16 49.00		
TWZ	0.91	0	iPc	16 38.00	-0.2	
			eS	16 51.70		
ANP	0.99	357	eP	16 39.00	-0.5	
TWK	1.35	228	iPc	16 44.00	-0.6	
	S.D. = 0.6	on	7 of	7 obs.		

& DEC 26, 1985 17h 47m 03.66s
58.453 N 151.827 W
DEPTH = 126.5km
KODIAK ISLAND REGION (13)
<AGS-P>

KDC	0.79	207	eP	47 23.80	-0.8	
BRLK	1.40	20	IP	47 29.22	-1.6	
			iS	47 48.21		
NNL	1.62	9	iP	47 32.70	-0.5	
			iS	47 58.10		
ILM	1.81	344	iP	47 34.79	-0.7	
			iS	47 57.54		
SEW	2.06	35	iP	47 37.83	-0.7	
RDT	2.15	352	iP	47 39.16	-0.7	
SLKM	2.22	21	iP	47 40.03	-0.6	
			iS	48 13.18		
NKA	2.32	7	eP	47 43.09	1.2	
MPA	2.40	31	iP	47 42.74	-0.2	
SPU	2.74	358	iP	47 47.17	-0.3	
			iS	48 24.35		
PTE	2.81	29	iP	47 48.26	0.1	
KNIM	2.83	46	eP	47 48.18	-0.3	
CRP	2.83	357	iP	47 48.97	0.3	
PMS	3.03	21	iP	47 51.33	0.2	
SUA	3.07	10	iP	47 52.13	0.3	
SVW	3.28	326	eP	47 57.09	2.5	
PWA	3.35	16	eP	47 56.09	0.6	
KNK	3.42	28	eP	47 56.47	0.1	
PLRM	3.43	22	eP	47 56.34	-0.1	
PME	3.48	23	eP	47 57.10	-0.1	
SKT	3.54	2	eP	47 58.41	0.4	
GHO	3.63	22	iP	47 59.68	0.4	
SML	3.79	26	eP	48 02.12	0.7	
TTA	4.94	337	eP	48 17.90	1.0	
YAH	5.49	65	eP	48 24.50	-0.1	
SDN	5.68	240	eP	48 36.00	9.1	
COL	6.75	15	eP	48 43.00	1.5	
	0.7s	11.99nm		4.4mb X		
FBA	6.75	15	eP	48 41.70	0.2	
IMA	7.69	354	eP	49 00.50	6.1	
DWY	8.19	42	P	49 03.00	2.0	
			Lg	51 13.00		
INK	12.78	32	eP	50 06.00	4.5	
	31 obs. ossocioted					

DEC 26, 1985 18h 04m 26.73± 0.94s
27.130 N ± 5.3km 92.071 E ± 4.0km
DEPTH = 12.7 ± 6.3 km
5.0mb (18 obs.)
INDIA-CHINA BORDER REGION (313)

SHL	1.57	186	iP	04 55.30	0.8	
			iS	05 14.90		
LSA	2.69	343	iPn	05 15.80	4.9X	
			iSn	05 54.80		
KMI	9.79	99	Pc	06 52.00	1.5	
			eS	08 32.00		
CHG	10.42	141	iPc	06 55.00	-3.9X	
	0.7s	9.93nm		5.3mb X		
CD2	10.90	67	eP	07 06.30	0.8	
			S	09 08.00		
GYA	13.05	90	P	07 34.80	0.1	
LOE	13.17	135	eP	07 43.00	6.9X	
NDI	13.23	280	eP	07 33.00	-3.8X	
			eS	09 51.50		
LZH	13.42	45	P	07 38.50	-1.0	
	1.0s	24.00nm		5.2mb X		
NST	13.64	145	eP	07 42.00	-0.3	
KHT	13.71	152	eP	07 42.00	-1.2	
GTA	13.85	26	Pc	07 43.30	-1.8	
PCT	15.14	143	eP	08 08.00	6.0X	
HYB	15.80	235	ePc	08 06.60	-4.0X	
XAN	16.05	61	P	08 11.60	-2.2	
NNT	16.15	152	eP	08 19.00	3.9X	
WMQ	17.03	349	P	08 26.90	0.8	
POO	18.83	247	eP	08 48.00	-0.6	
GBA	19.19	228	P	08 52.80	-0.1	
			S	12 03.80		
WHN	19.81	75	eP	09 01.00	1.1	
BTO	20.01	43	eP	09 01.00	-1.1	
TIY	20.13	53	P	09 01.30	-2.0	
HHC	21.11	45	Pc	09 13.40	-0.1	
BJI	23.77	51	eP	09 41.00	1.4	
NJ2	23.77	72	eP	09 42.40	2.6	
IPM	24.00	158	ePd	09 42.00	-0.1	
CN2	31.60	49	eP	10 52.00	0.7	
IR2	35.95	294	(P)	11 31.00	1.8	
KJF	54.79	331	iP	13 58.00	-0.2	
	0.7s	14.70nm		5.1mb		
MLR	54.82	308	ePd	13 59.00	0.1	
SUF	55.24	329	iPc	14 01.50	0.0	
	0.3s	12.70nm		5.4mb		
NUR	55.70	326	iP	14 04.80	-0.1	
SOD	55.84	335	iP	14 05.70	0.0	
HFS	61.15	326	iPc	14 42.40	-0.5	

	0.5s	23.30nm			5.6mb	
BRG	62.15	315 i(P)	14	49.80	0.0	
WRA	62.18	134 Pc	14	49.20	-1.2	
	0.6s	3.90nm			4.8mb	
W82	62.19	134 eP	14	47.20	-3.3X	
NB2	62.28	327 P	14	46.30	-4.3X	
	0.5s	8.30nm			5.2mb	
CDF	66.91	314 eP	15	20.80	-0.2	
	0.7s	5.20nm			4.8mb	
BSF	67.38	313 eP	15	23.50	-0.5	
MAU	67.62	314 eP	15	25.40	0.0	
LPG	68.06	311 iPc	15	28.70	0.2	
	0.5s	5.30nm			5.0mb	
DAG	68.39	347 iP	15	29.30	-0.4	
LMR	68.87	309 eP	15	32.90	-0.3	
LRG	68.94	309 eP	15	33.60	0.0	
	0.5s	3.40nm			4.8mb	
LOR	69.45	313 eP	15	36.20	-0.5	
	0.5s	2.10nm			4.6mb	
LBF	69.46	313 iPc	15	36.30	-0.5	
	0.5s	3.60nm			4.8mb	
SMF	69.65	313 iPc	15	37.50	-0.4	
	0.6s	7.20nm			5.0mb	
SSF	69.74	313 iPc	15	38.20	-0.2	
	0.5s	6.50nm			5.0mb	
AVF	69.93	313 iPc	15	39.20	-0.4	
	0.6s	4.50nm			4.8mb	
MZF	70.61	313 eP	15	44.20	0.4	
TCF	70.83	313 iPc	15	45.30	0.1	
	0.5s	6.50nm			5.0mb	
CAF	71.39	311 iPc	15	48.80	0.2	
	0.6s	8.40nm			5.0mb	
LDF	71.55	316 eP	15	49.30	-0.1	
RJF	71.62	312 iPc	15	50.40	0.5	
	0.5s	9.30nm			5.1mb	
LPO	72.06	311 eP	15	52.80	0.3	
LFF	72.27	312 iPc	15	54.00	0.3	
	0.5s	5.80nm			4.9mb	
COL	77.33	22 eP	16	24.00	1.6	
	1.0s	9.50nm			4.8mb	
INK	79.09	16 eP	16	33.00	1.0	
	S.D. = 1.0	on 50 of 59 obs.				

? DEC 26, 1985 18h 05m 57.29± 5.80s
39.215 N ±14.7km 25.339 E ±50.8km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

EZN	0.98	51 iPg	06	14.90	-0.9
		iSg	06	22.50	
IZM	1.71	118 iPn	06	27.00	-0.3
EDC	2.25	59 ePn	06	35.80	0.7
KCT	2.55	65 ePn	06	40.00	0.7
DMK	3.19	35 iPn	06	48.30	-0.1
YLV	3.38	65 ePn	06	58.40	7.1X
	S.D. = 1.0	on 5 of 6 obs.			

? DEC 26, 1985 18h 11m 59.55± 6.66s
35.615 S ±59.2km 70.423 W ±26.8km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

CHCH	1.69	354 eP	12	30.50	3.3X
RFA	1.81	63 ePc	12	29.00	0.0
LNV	1.84	334 iPc	12	29.50	0.1
		i(S)	13	00.20	
TACH	2.00	348 iP	12	31.40	-0.3
PEL	2.48	355 iP	12	38.70	0.2
		iS	13	17.00	
JACH	2.93	357 eP	12	45.00	0.0
		iS	13	29.00	
	S.D. = 0.3	on 5 of 6 obs.			

DEC 26, 1985 18h 40m 47.85± 0.62s
44.643 N ± 4.4km 111.026 W ± 8.3km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 2.8 (NEIS).

IMW	0.75	175 eP	41	02.40	-0.4
LCCM	1.34	334 eP	41	12.80	-0.3
CCMT	1.34	282 eP	41	13.30	0.0
TMI	1.48	206 eP	41	15.00	-0.4
SXM	1.51	355 ePn	41	16.10	0.3
LRM	1.55	320 ePn	41	16.60	0.2
BUT	1.75	322 ePg	41	21.20	2.0X
		eSn	41	42.00	
HPI	1.76	239 eP	41	20.00	0.6
BDW	2.14	150 e(P)	41	25.50	0.5
HRY	2.14	345 ePn	41	24.50	-0.4
	S.D. = 0.5	on 9 of 10 obs.			

* DEC 26, 1985 18h 56m 03.32± 3.91s
30.722 N ±11.9km 139.691 E ±13.3km
DEPTH = 95.5 ± 33.5 km
4.2mb (4 obs.)
SOUTH OF HONSHU, JAPAN (211)

CN2	17.26	323 eP	59	59.50	0.0
TIA	19.59	292 eP	00	25.90	-0.4
BJI	21.26	302 eP	00	43.50	0.3
WHN	21.80	276 eP	00	48.70	0.0
TIY	23.54	295 eP	01	07.00	1.3
HHC	24.86	302 P	01	18.60	0.2
BTO	25.94	300 eP	01	28.60	0.2
XAN	26.15	285 eP	01	30.00	-0.3
CD2	30.78	280 eP	02	11.50	-0.4
GTA	33.55	296 eP	02	34.30	-1.8
PKI	47.13	280 eP	04	28.20	0.0
	1.0s	18.00nm			4.9mb X
KKN	47.18	281 eP	04	28.80	0.4
	1.0s	48.00nm			5.3mb X
DMN	47.38	281 eP	04	30.40	0.4
	1.1s	28.00nm			5.0mb X
WB2	50.63	187 eP	04	59.00	4.4X
WRA	50.63	187 Pd	04	54.70	0.0
	0.7s	1.80nm			4.2mb
INK	60.67	25 eP	06	06.00	-0.2
SUF	72.98	334 eP	07	24.00	0.1
	0.7s	3.70nm			4.3mb
HFS	79.24	336 eP	07	59.20	0.2
	0.7s	2.80nm			4.2mb
NB2	79.44	337 P	07	56.60	-3.6X
	0.9s	3.50nm			4.2mb
	S.D. = 0.7	on 17 of 19 obs.			

% DEC 26, 1985 20h 44m 07.98± 1.56s
15.597 N ±11.1km 60.973 W ±18.2km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)
ML 2.2 (MGG).

MGG	0.46	314 eP	44	18.00	0.0
		S	44	24.50	
BBL	0.49	261 eP	44	18.40	-0.1
		S	44	25.40	
PAG	0.81	302 eP	44	23.00	0.1
		S	44	33.00	
CRM	0.84	176 eP	44	23.13	-0.3
		S	44	33.90	
FDF	0.88	191 eP	44	24.00	0.1
		S	44	35.30	
MVM	1.04	176 eP	44	26.18	-0.1
		S	44	40.00	
BIM	1.08	185 eP	44	27.20	0.4
		S	44	41.30	
	S.D. = 0.2	on 7 of 7 obs.			

DEC 26, 1985 20h 50m 23.59± 0.41s
68.829 N ± 6.5km 16.856 W ± 5.8km
DEPTH = 10.0km (geophysicist)
4.6mb (11 obs.)
ICELAND REGION (637)

AKU	3.19	189 iP	51	12.60	-2.2
	0.7s	416.44nm			
		iS	51	49.00	
REY	5.13	206 iP	51	42.90	0.8
DAG	8.00	357 IP	52	10.80	-11.7X
HFS	15.60	109 eP	54	03.00	-1.7X
	0.7s	1.80nm			3.4mb X
Z	16s	0.77um			6.1Msz
		LR	58	04.00	
SOD	16.03	75 iP	54	12.30	2.0X
ALE	16.85	341 eP	54	12.50	-8.1X
KJF	18.01	83 eP	54	34.00	-1.1
	0.6s	15.60nm			4.3mb
SUF	18.33	88 eP	54	38.00	-1.0
	0.8s	4.00nm			3.6mb
NUR	19.22	95 eP	54	50.00	0.1
WTS	20.29	134 eP	55	01.00	-0.7
	1.0s	16.00nm			4.3mb
ENN	21.19	137 eP	55	10.50	-0.5
	0.9s	100.00nm			5.2mb
		e	55	14.50	
MEM	21.35	137 Pd	55	12.20	-0.4
DOU	21.49	140 Pc	55	13.60	-0.4
WLF	22.26	138 P	55	22.30	0.6
CLL	22.63	126 iP	55	25.20	-0.2
	1.5s	41.00nm			4.7mb
MOX	22.81	128 eP	55	28.00	0.7
	1.8s	62.00nm			4.8mb
Z	16s	0.50um			4.8MszX
E	16s	0.50um			
		e	55	36.00	
		LR	06	00.00	
BRG	23.29	125 iPc	55	33.10	1.2
	1.1s	21.00nm			4.6mb
KSP	24.03	122 iPd	55	40.00	1.0
PRU	24.25	125 iPd	55	42.20	1.0
	2.3s	102.20nm			5.0mb
		e	56	29.00	
KHC	24.74	127 iPc	55	46.60	0.6
KRA	25.87	118 eP	55	56.40	-0.2
		e	56	07.70	
KBA	26.53	130 iPc	56	03.40	0.5
	1.3s	12.50nm			4.4mb
MBC	27.65	330 eP	56	12.00	-0.7
INK	36.46	326 eP	57	29.00	-0.7
FFC	39.03	293 eP	57	52.00	0.5
	1.1s	15.00nm			4.6mb
COL	42.17	331 eP	58	18.00	0.8
JCT	59.42	276 eP	00	28.50	0.1
	1.0s	6.50nm			4.7mb
	S.D. = 0.9	on 23 of 27 obs.			

DEC 26, 1985 22h 59m 24.93± 0.43s
62.116 N ± 4.9km 124.022 W ± 7.2km
DEPTH = 10.0km (geophysicist)
4.7mb (9 obs.)
NORTHWEST TERRITORIES, CANADA (679)

FST1	1.35	103 Pg	59	51.80	2.1
YKA	4.41	81 P	00	33.80	0.4
RSNT	4.42	81 P	00	34.00	0.5
YKC	4.47	81 eP	00	34.00	-0.2
INK	7.38	331 eP	01	11.00	-4.2X
SIT	7.65	234 eP	01	16.50	-2.5X
TOA	10.37	280 eP	01	58.00	1.4
EDM	10.57	143 eP	61	55.60	-3.9X
COL	10.95	295 eP	62	02.00	-2.5X
	0.8s	11.19nm			5.3mb
FBA	10.95	295 eP	02	01.70	-2.8X
PHC	11.59	191 eP	02	11.50	-1.7X
PNT	13.06	167 eP	02	31.00	-2.0X
FFC	13.66	113 eP	02	35.00	-5.9X
SES	13.75	143 eP	02	37.00	-5.1X
MBC	14.28	5 eP	02	44.00	-4.9X
NEW	14.42	161 eP	02	48.00	-2.9
LRM	17.64	152 eP	03	29.30	-3.0
RSON	19.96	110 P	03	55.80	-3.9X
BDW	21.18	149 P	04	12.50	-0.2
FHC	21.35	180 e(P)	04	16.90	2.8X
WDC	21.59	177 eP	04	17.60	1.1
MIN	21.85	175 eP	04	21.00	1.7
BMN	22.10	166 P	04	22.00	0.2
ORV	22.64	175 eP	04	27.20	0.2
LHC	23.72	109 eP	04	41.00	3.6X
MNA	23.99	169 ePd	04	42.10	1.8
JAS1	24.32	173 ePd	04	42.50	-0.8
FRB	24.63	62 eP	04	47.00	0.9
MHC	24.84	175 eP	04	49.00	0.4
GOL	25.15	145 P	04	52.50	0.8
FRI	25.29	172 eP	04	52.50	-0.2
LLA	25.60	174 e(P)	04	56.20	0.6
PRI	26.08	174 eP	05	00.50	0.3
ISA	26.71	170 eP	05	04.00	-1.9
GSC	27.22	167 eP	05	13.00	2.4
SBB	27.73	169 eP	05	14.00	-1.2
TPC	28.49	166 eP	05	22.00	0.0
PLM	29.14	168 eP	05	29.00	0.9
ALQ	29.37	150 eP	05	30.00	-0.2
	1.0s	13.00nm			4.7mb
GLA	29.67	164 eP	05	33.00	0.3
BAR	29.83	167 eP	05	33.00	-1.1
DAG	33.86	24 iP	06	03.30	-5.6X
JCT	35.35	142 eP	06	21.20	-1.1
	0.9s	8.40nm			4.6mb
LTX	35.41	148 P	06	23.00	0.2
	1.1s	3.06nm			4.1mb
SOD	49.06	15 iP	08	12.70	-0.6

26d 23h

KJF	52.24	15	iP	08	38.00	0.4
	0.8s		20.50nm			5.1mb
NB2	52.52	26	P	08	35.60	-4.2X
	0.9s		5.50nm			4.5mb
SUF	53.46	17	iP	08	46.00	-0.7
	0.6s		3.10nm			4.5mb
HFS	53.84	25	eP	08	48.60	-0.9
	0.7s		5.10nm			4.6mb
UPP	54.84	23	iP	08	56.00	-0.8
NUR	55.37	18	eP	09	00.00	-0.7
KSP	63.05	27	eP	09	53.50	-0.5
KHC	64.06	30	iP	10	01.10	0.4
KRA	64.55	25	eP	10	03.10	-0.7
KBA	65.93	30	iPc	10	13.20	0.3
	0.7s		14.10nm			5.3mb
SPA	151.96	180	ePKP	19	19.50	6.2X
	1.0s		15.00nm			

S.D. = 1.2 on 40 of 56 obs.

• DEC 26, 1985 23h 02m 12.68± 0.79s
42.394 N ± 6.6km 19.845 E ± 6.8km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 2.7 (TTG).

PVY	0.22	25	iPgc	02	17.60	0.1
			eSg	02	22.90	
TTG	0.43	275	ePg	02	21.50	0.0
			eSg	02	30.50	
IVA	0.48	5	ePg	02	22.40	0.0
			eSg	02	31.50	
SKO	1.26	109	iPn	02	36.00	-0.1
OHR	1.47	151	ePn	02	39.30	0.1
VAY	2.30	117	ePn	02	54.40	3.2X

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

DEC 26, 1985 23h 37m 13.16± 0.73s
42.358 N ± 6.4km 19.886 E ± 7.0km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 2.7 (TTG).

PVY	0.25	15	iPgc	37	18.40	-0.1
			eSg	37	23.50	
TTG	0.47	279	ePg	37	22.20	-0.5
			eSg	37	31.50	
IVA	0.51	1	ePg	37	23.40	-0.2
			eSg	37	33.80	
PLE	1.04	340	ePg	37	33.50	0.7
			eSg	37	51.00	
SKO	1.22	108	ePn	37	36.00	0.2
OHR	1.42	151	ePn	37	40.00	0.9
VAY	2.26	116	ePn	37	50.00	-1.1

S.D. = 0.8 on 7 of 7 obs.

DEC 27, 1985 00h 13m 51.66± 0.71s
40.618 N ± 4.9km 22.631 E ± 5.8km
DEPTH = 11.2 ± 6.9 km
GREECE (364)

THE	0.25	87	ePd	13	57.10	0.0
			eS	14	00.90	
GRG	0.38	333	iPc	13	59.70	0.2
			eS	14	05.80	
LIT	0.53	192	ePd	14	02.30	-0.1
			eS	14	10.00	
KNT	0.58	20	eP	14	03.20	-0.1
SOH	0.59	69	eP	14	03.30	-0.2
			eS	14	11.90	
VAY	0.70	356	iPg	14	05.30	-0.1
			iSg	14	08.40	
SRS	0.88	55	eP	14	08.70	0.2
			eS	14	22.10	
OUR	1.07	105	eP	14	11.80	0.1
			eS	14	26.70	

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

• DEC 27, 1985 00h 46m 16.32± 0.60s
28.123 N ±11.1km 140.442 E ± 9.6km
DEPTH = 33.0km (normal)
4.9mb (1 obs.)
BONIN ISLANDS REGION (212)

CBI	1.85	123	eP	46	44.00	-2.3
			eS	47	03.00	
MAT	8.60	348	eP	48	23.00	1.5
	1.4s		58.14nm			5.5mb X
SSE	17.01	285	P-	50	12.00	-1.2
	6.0s		0.80nm			2.0mb X
N	10s		0.30um			
			eS	53	27.00	
			eeS	53	40.00	
MDJ	18.60	335	eP	50	24.00	-8.9X
DL2	18.98	309	eP	50	37.00	-0.6
NJ2	19.08	287	Pc	50	40.00	1.2
			S	54	19.50	
TIA	21.29	298	eP	51	02.10	-0.1
WHN	22.86	282	Pc	51	20.00	2.2
			S	55	34.00	
BJI	23.27	307	eP	51	20.00	-1.8
TIY	25.30	299	eP	51	41.50	0.0
XAN	27.56	290	eP	52	01.00	-1.3
BTO	27.88	304	eP	52	05.00	-0.2
GTA	35.33	299	P	53	08.80	-1.9
CHG	39.02	265	eP	53	42.50	0.7
WMO	44.72	305	P	54	27.20	-1.0
PSI	46.96	245	e(P)	54	48.00	1.9
			e	55	19.50	
WB2	48.15	188	eP	54	55.80	0.5
WRA	48.15	188	Pc	54	55.70	0.4
	0.8s		10.20nm			4.9mb
NDI	55.01	287	eP	55	45.50	-1.5
			eS	03	30.00	
INK	62.74	25	eP	56	40.00	-0.1
NEW	77.19	42	eP	58	10.00	1.5
ZOBO	151.12	72	ePKP	06	04.00	1.1
LPB	151.26	72	ePKP	06	04.00	1.1
CNCB	151.50	73	ePKP	06	00.00	-3.4X

S.D. = 1.4 on 22 of 24 obs.

• DEC 27, 1985 01h 59m 58.73± 0.77s
6.465 S ±12.8km 151.832 E ±10.8km
DEPTH = 33.0km (normal)
4.9mb (2 obs.)
NEW BRITAIN REGION (192)

BIAL	1.39	326	iPc	00	21.10	-0.8
BGA	3.34	85	eP	00	49.00	-1.0
			eS	01	29.00	
PAA	3.64	88	eP	00	45.00	-9.2X
			eS	01	24.00	
LMG	4.38	236	eP	01	03.00	-1.9
PMG	5.48	237	eP	01	21.00	0.8
BRS	20.83	178	iP	04	49.00	8.8X
WB2	21.63	230	eP	04	47.80	-0.5
ASPA	24.28	223	eP	05	16.00	1.7
KNA	24.42	246	eP	05	23.20	7.6X
SPA	83.58	180	eP	12	24.50	-0.4
	1.0s		7.00nm			4.8mb
COL	83.78	22	eP	12	26.00	0.3
	0.8s		9.33nm			5.0mb
MBC	95.95	14	eP	13	25.00	1.8

S.D. = 1.4 on 9 of 12 obs.

• DEC 27, 1985 02h 07m 25.60± 1.12s
21.671 S ±14.8km 178.491 W ±11.3km
DEPTH = 455.3 ± 10.7 km
4.5mb (8 obs.)
FIJI ISLANDS REGION (181)

SVA	4.55	320	iPc	08	47.00	0.2
VUN	4.64	321	iPc	08	46.10	-1.5
KRO	4.77	335	iP	08	48.80	-0.1
SGE	5.28	320	iP	08	57.30	3.4X
MBU	5.36	330	iP	08	55.00	0.3
NDF	5.46	315	eP	08	56.30	0.8
NDE	5.47	337	iP	08	55.40	-0.4
NOU	13.98	265	iPc	10	29.00	1.8
DZM	13.99	266	iPc	10	28.10	0.6
			iS	12	57.50	
CAN	31.49	237	eP	13	10.80	0.8
CTA	32.94	266	iPd	13	21.80	-0.6
	0.6s		9.33nm			4.4mb
TOO	34.84	235	eP	13	38.00	-0.3
ASPA	43.82	258	eP	14	50.00	-1.4
WB2	43.98	263	eP	14	50.60	-1.9
SPA	68.46	180	ePd	17	42.80	0.4
	1.0s		12.00nm			4.5mb
SYP	78.81	46	eP	18	42.00	0.4
MWC	79.93	47	eP	18	47.00	-0.5
PLM	80.27	48	eP	18	49.00	-0.3
SBB	80.36	47	eP	18	50.00	0.5
ISA	80.48	46	eP	18	50.00	-0.1
JAS1	80.54	43	P	18	51.00	0.6
TPC	81.25	48	eP	18	55.00	0.8
GLA	81.53	50	eP	18	56.00	0.4
BMN	84.02	42	P	19	08.30	0.2
PSI	84.10	275	e(P)	19	10.00	1.2
			e	19	31.00	
PNT	87.88	34	eP	19	26.00	-0.3
	0.7s		8.00nm			4.6mb
LTX	88.07	57	P	19	29.00	1.2
	1.2s		8.12nm			4.4mb
ALQ	88.49	51	eP	19	29.60	-0.1
	1.0s		4.50nm			4.3mb
NEW	88.59	36	P	19	29.50	-0.2
COL	89.48	13	eP	19	32.00	-1.4
	0.8s		10.45nm			4.8mb
BDW	90.12	43	P	19	36.50	-0.6
	1.0s		7.60nm			4.6mb
CHG	90.21	290	iPd	19	38.80	1.1
	0.8s		11.19nm			4.8mb
SOB1	128.30	122	ePKP	25	40.30	-1.3
ITR	130.50	123	ePKP	25	42.50	-3.3X
BUL	130.72	214	iPKP	25	45.20	-1.0
MTD	131.74	220	ePKP	25	48.00	-0.1
KRI	132.85	218	ePKP	25	50.00	-0.3
KJF	134.05	344	ePKP	25	42.00	-9.0X
	0.6s		14.30nm			
			i	25	50.50	
SUF	135.68	344	ePKP	25	44.00	-10.1X
NUR	137.92	343	ePKP	25	49.00	-9.4X
			i	25	58.50	
NB2	140.08	353	PKP	25	51.60	-10.7X
	0.5s		1.20nm			
HFS	140.61	350	ePKP	25	54.60	-8.7X
	0.4s		2.10nm			
LWI	144.27	232	iPKP	26	10.80	-0.5
EKA	146.21	5	PKP	26	14.00	1.1
	0.8s		9.40nm			
KRA	148.16	337	ePKP	26	19.30	3.1X
			e	26	23.80	
KSP	148.66	342	iPKPc	26	21.00	4.0X
			ic	26	26.50	
SPC	148.76	336	ePKP	26	21.70	4.3X
CLL	149.09	346	iPKP	26	21.70	4.1X
	1.1s		26.00nm			
			i	26	27.10	
BRG	149.27	345	iPKPd	26	21.70	3.8X
	1.0s		20.00nm			
			i	26	28.00	
PRU	149.92	343	PKP	26	23.70	4.8X
MOX	150.01	347	ePKP	26	23.00	4.0X
			e	26	31.00	
SRO	150.62	337	ePKP	26	23.60	3.6X
ZST	150.73	338	e(PKP)	26	25.70	5.5X
			e	26	35.20	
KHC	150.96	344	iPKP	26	26.40	5.8X
			i	26	36.10	
DOU	151.53	356	PKP	26	27.30	6.0X
WLF	151.82	354	PKP	26	28.40	6.7X
BNG	156.19	226	ePKPd	26	29.00	0.2
	0.5s		5.00nm			
			id	27	02.90	

S.D. = 0.9 on 38 of 57 obs.

• DEC 27, 1985 03h 16m 22.84± 0.81s
42.342 N ± 6.7km 19.914 E ± 7.4km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 2.7 (TTG).

PVY	0.26	10	iPgd	16	28.20	-0.1
			iSg	16	33.00	
TTG	0.49	280	ePg	16	33.00	0.2
			eSg	16	43.00	
IVA	0.53	359	ePg	16	33.50	-0.1
			eSg	16	42.50	
SKO	1.19	108	iPn	16	45.50	0.4
OHR	1.40	151	ePn	16	48.00	-0.4
VAY	2.23	116	ePn	17	04.00	3.6X

S.D. = 0.4 on 5 of 6 obs.

? DEC 27, 1985 03h 47m 35.13± 3.24s
33.419 S ±20.3km 178.325 W ±38.0km
DEPTH = 33.0km (normal)
5.0mb (2 obs.)
SOUTH OF KERMADEC ISLANDS (179)

VUN	15.62	349	eP	51	14.50	0.1
NOU	17.40	306	iPc	51	37.50	0.5

DZM 17.57 306 iPc 51 39.00 -0.2
CTA 34.13 284 iPc 54 17.80 -1.4
1.0s 25.00nm 5.1mb
ASPA 42.76 270 eP 55 33.00 1.7
WB2 44.01 275 iPc 55 41.10 -0.3
WRA 44.02 275 Pc 55 41.00 -0.5
0.8s 15.50nm 4.9mb
KJF 145.26 340 ePKP 07 04.00 -6.1X
SUF 146.85 340 iPKP 07 09.00 -3.8X
0.6s 20.20nm
BNG 147.15 212 iPKPc 07 24.20 9.4X
0.8s 7.00nm
NUR 149.02 338 iPKP 06 49.20 -27.1X
0.9s 16.90nm
NB2 151.68 350 PKP 07 20.70 0.3X
0.7s 6.80nm
HFS 152.13 347 ePKP 07 24.30 3.3X
0.6s 4.00nm
S.D. = 1.2 on 7 of 13 obs.

* DEC 27, 1985 04h 25m 07.62± 1.07s
20.138 S ± 6.6km 70.850 W ±11.7km
DEPTH = 61.6 ± 10.4 km
4.7mb (1 obs.)
NEAR COAST OF NORTHERN CHILE (122)

CAC 2.88 144 iPc 25 53.50 1.2
ANT 3.57 174 iP 26 00.60 -1.2
ARE 3.71 350 iPd 25 59.00 -5.0X
iS 27 10.00
CNCB 4.29 40 eP 26 13.00 0.6
i 26 18.00
S 27 14.00
LPB 4.44 37 eP 26 14.00 -0.3
S 27 15.00
LR 27 56.00
ZOBO 4.64 34 Pc 26 17.50 0.2
0.5s 58.44nm
Z 22s 0.98um
eLR 27 56.00
TPZ 4.98 106 P 26 26.80 4.8X
CCH 5.23 59 eP 26 32.00 6.5X
SLA 6.74 134 eP 26 51.80 5.5X
PEL 12.95 179 eP 28 15.00 4.3X
e 28 20.00
PSO 22.13 343 eP 30 03.00 3.1X
8DF 22.28 82 iPd 30 01.10 0.0
i 30 05.20
VAO 22.39 102 eP 29 58.10 -4.0X
e 30 04.30
BOG 24.81 352 eP 30 25.00 -0.9
SOB1 30.89 74 eP 31 20.10 -0.6
e 31 28.10
ITR 33.31 75 eP 31 40.80 -1.0
BHO 58.84 337 eP 35 02.80 0.7
RLO 60.49 338 eP 35 13.20 -0.3
TUL 60.54 337 eP 35 14.50 0.7
0.9s 15.40nm 5.1mb X
FVM 60.67 342 eP 35 14.20 -0.5
1.0s 6.00nm 4.7mb
epP 35 33.50 75kmX
GBA 149.00 97 PKP 44 53.20 6.4X
HYB 150.93 90 ePKP 44 51.00 1.3
S.D. = 0.9 on 14 of 22 obs.

? DEC 27, 1985 05h 14m 13.65± 2.41s
23.448 N ±23.5km 121.508 E ±52.6km
DEPTH = 33.0km (normal)
TAIWAN (244)

TWF1 0.22 244 iPd 14 20.80 0.4
eS 14 27.50
TWG 0.74 213 iPc 14 27.40 -0.3
eS 14 40.50
TWK 0.95 259 iPc 14 22.00 -8.8X
TWQ 1.03 323 iPc 14 23.00 -8.8X
TWC 1.20 15 iPc 14 34.70 0.6
TWZ 1.64 2 eP 14 38.80 -1.8
ANP 1.73 0 eP 14 43.00 1.1
S.D. = 1.6 on 5 of 7 obs.

DEC 27, 1985 05h 38m 53.45± 0.14s
5.763 S ± 3.5km 104.191 E ± 3.6km
DEPTH = 24.5km (19 depth phases)
5.8mb (52 obs.) 6.6Msz (26 obs.)
SOUTHERN SUMATERA (274)
Ms 6.5 (BRK), 6.3 (PAS). Felt strongly at Metro and Tanjungkarang-Telukbetung. Felt at Jakarta, Java.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=350 Dip=75 Slip= 175
NP2: 81 85 15
Principal Axes:
T Plg=14 Azm=307
P 7 215
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a small reverse component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 7 No. of sta: 9
Moment Tensor; Scale 10**25 d-cm
Mrr=-1.45 Mtt=-1.20
Mff= 2.64 Mrt= 1.10
Mrf=-1.81 Mtf= 2.02
Principal axes:
T Val= 3.83 Plg=14 Azm=109
N -0.23 45 4
P -3.60 41 212
Best Double Couple:Mo=3.7*10**25
NP1:Strike=241 Dip=50 Slip= -22
NP2: 346 73 -138
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 41C M.W.: 13S, 26C
Centroid Location:
Origin Time 05:38:57.0 0.2
Lat 5.91S 0.02 Lon 103.96E 0.02
Dep 19.9 2.1 Half-durotion 6.5
Moment Tensor; Scale 10**25 D-CM
Mrr= 0.10 0.08 Mtt=-4.40 0.08
Mff= 4.30 0.11 Mrt= 2.29 0.38
Mrf= 0.30 0.25 Mtf= 3.77 0.07
Principal Axes:
T Val= 5.92 Plg=11 Azm=292
N 0.53 69 54
P -6.45 18 199
Best Double Couple:Mo=6.2*10**25
NP1:Strike=337 Dip=69 Slip=-175
NP2: 245 86 -21

KLI 1.11 37 iPd 39 16.00 2.5
e(S) 39 35.00
KGM 7.78 354 ePd 40 50.80 2.8
1.2s 1035.70nm 6.9mb X
i 41 21.90
e 43 05.40
KLM 9.17 344 eP 41 12.00 4.8X
e 44 04.00
PSI 9.91 328 ePc 41 15.40 -2.1
e 54 37.00
e 58 30.00
IPM 10.75 343 ePd 41 28.90 -0.1
0.9s 142.80nm 6.2mb X
e 41 35.90
e 43 11.90
e 44 39.90
e 45 08.70
KHKI 11.62 104 ePd 41 39.80 -1.1
eS 42 51.30
e 08 57.00
SNG 13.34 344 iP 42 04.50 0.6
1.0s 380.00nm 6.3mb X
Z 18s 32.65um 4.5Msz
N 18s 34.36um
E 18s 30.24um
iS 45 56.00
KKM 16.78 46 ePc 42 53.50 4.8X
1.2s 676.40nm 5.7mb
e 43 56.50
NNT 18.76 346 eP 43 11.50 -1.7
NAU 19.94 148 eP 43 25.00 -1.7
eS 46 51.00
PCT 20.50 352 ePd 43 31.50 -1.0
0.5s 50.40nm 5.2mb
KMT 21.16 345 eP 43 37.40 -1.9
e 47 32.20
PPR 21.17 43 iP 43 43.50 4.1X
1.0s 179.00nm 5.5mb
MBL 21.54 137 eP 43 43.00 -0.2
i 43 48.00 18km
eS 47 34.00
LOE 23.15 354 eP 43 58.00 -1.1
BDT 23.43 347 eP 44 01.50 -0.2
0.7s 197.70nm 5.8mb
AAI 24.01 86 eP 44 07.20 -0.3
DAV 24.86 59 eP 44 18.00 2.2
iS 49 02.00
CHG 24.96 348 iPd- 44 15.20 -1.5
1.1s 158.23nm 5.6mb
eS 43 32.00
OIZ 25.26 13 P 44 20.40 1.0
pP 44 29.00 31km
sP 44 33.00
PP 44 59.00
iS 48 45.00
ScP 51 25.50
PcS 51 32.00
PGP 25.36 41 iPc 44 23.50 3.1X
iS 44 45.00
MRWA 25.86 156 eP 44 25.00 0.0
eS 49 14.00
KNA 26.07 114 eP 44 25.00 -2.1
QCP 26.29 39 iP 44 36.00 6.9X
MAN 26.31 39 iPc 44 31.80 2.6X
BAG 27.35 36 eP 44 40.00 1.0
eS 49 34.00
BAL 27.37 156 eP 44 39.00 0.1
SZP 28.19 34 iPc 44 48.00 1.7
MUN 28.40 158 eP 44 47.00 -1.2
eS 49 35.00
KLB 28.67 155 eP 44 50.00 -0.6
PIP 28.91 34 iPc 44 56.00 3.2X
MCO 29.19 18 eP 45 01.20 5.8X
WBN 29.46 136 eP 44 56.00 -1.8
epPP 45 39.00
eS 50 44.00
HKC 29.56 19 iPd 45 05.10 6.5X
ipP 45 14.00 31km
isP 45 19.00
iPP 46 00.00
iS 49 58.00
NWAO 29.63 157 eP 44 58.00 -1.3
KLG 29.71 149 eP 45 01.10 1.1
GZH 30.04 17 eP 45 07.00 4.1X
PP 46 04.00
iS 50 01.50
RKG 30.57 159 eP 45 10.50 2.9X
KMI 30.73 357 Pc+ 45 09.50 0.2
6.0s 1.00nm 2.8mb X
E 20s 453.70um
sP 45 29.50
PP 46 16.00
PPP 46 33.00
PcP 48 00.00
iS 50 12.50
ScP 51 37.50
SS 52 08.00
KOD 31.00 301 iPc 45 13.00 1.1
1.0s 320.00nm 6.1mb
GYA 32.12 4 P 45 21.00 -0.3
S 50 28.00
WRA 32.52 118 P 45 22.80 -2.0
0.8s 30.50nm 5.3mb
WB2 32.53 118 iPc 45 22.90 -2.0
i 45 28.00 18km
eS 50 42.10
GBA 32.80 306 P 45 26.20 -1.0
SHL 33.36 340 iP 45 29.00 -3.2X
ASPA 33.68 125 iPc 45 34.00 -0.9
0.9s 297.00nm 6.2mb
HYB 34.23 313 ePc 45 38.50 -1.2
1.0s 360.00nm 6.3mb
eS 51 00.00
ANP 35.07 28 eP+ 45 59.50 12.6X
iS 51 24.00
CD2 36.47 359 eP 45 56.60 -2.0
iS 51 38.00
ISQ 37.37 117 eP 46 05.00 -1.4
WHN 37.39 15 Pd 46 07.80 1.6
iS 51 52.00
PcS 52 14.00
iScS 56 12.00
LSA 37.42 341 Pc 46 05.40 -1.7
pR 46 13.60 28km
PcP 48 24.30
iS 51 50.30
PKI 37.78 332 iP 46 08.60 -1.4

27d 05h

DMN		37.96	332	iP	46	09.00	-2.4	DL2		47.29	19	eP	47	28.00	1.2	BUL		74.51	251	iPc	50	30.90	-1.7
KKN		38.03	332	iP	46	09.60	-2.4					pP	47	36.00	27km			0.9s		131.09nm			6.0mb
POO		38.44	310	iPc	46	15.20	-0.1					sP	47	40.00						iS	00	08.00	
		1.0s		286.00nm			6.0mb					S	54	18.00		SLR		74.84	245	iPd	50	33.00	-1.4
				iS	52	01.00		SHK		48.26	32	ePc	47	35.80	1.3			0.6s		43.33nm			5.7mb
BOM		39.45	309	iPc	46	23.00	-0.7	TOO		49.12	136	eP	47	42.00	0.8		Z	18s		13.06um			6.3Msz
				iS	52	22.00		YOU		49.71	131	eP	47	45.60	-0.2					S	00	10.00	
XAN		39.84	6	P	46	24.80	-2.0	SNY		50.56	19	Pc	47	51.40	-0.7	BPI		75.07	245	eP	50	34.00	-1.8
				S	52	24.00						pP	48	00.00	29km			0.8s		119.40nm			6.0mb
SSE		40.09	23	iP-	46	33.00	4.2X	CAN		50.60	132	eP	47	53.00	0.4	PRNI		75.20	303	eP	50	35.00	-1.2
	Z	13s		94.60um			6.8MszX					i	47	56.10	10kmX	LWI		75.25	269	iPc	50	37.70	0.6
	N	13s		75.80um				BGA		50.70	93	eP	47	52.00	-1.8	HRI		75.42	306	eP	50	37.50	0.0
	E	12s		28.40um								eS	48	26.00		JER		75.43	305	iPd	50	38.00	0.5
				pP	46	40.00	24km	BRS		50.88	121	P	47	53.50	-1.4					eS	00	25.00	
				sP	46	44.00						iS	55	13.00		BHL		75.68	307	P	50	39.00	0.1
				i	47	35.00		WAM		50.89	133	eP	47	56.00	1.3					S	00	19.00	
				PPP	48	30.00		PAA		51.00	93	eP	47	56.00	0.0	SYO		75.74	200	eP	50	40.40	1.9
				PcP	48	33.00						eS	48	19.00		BFS		76.19	244	iPd	50	42.50	0.4
				i	49	19.00		COO		51.10	125	eP	47	57.00	0.5			0.5s		101.41nm			6.1mb
				S	52	35.00				0.7s		92.00nm			5.8mb	CSS		77.82	307	eP	50	50.00	-0.7
				sS	52	49.00		WMQ		51.56	345	P	47	57.50	-2.2	HLW		78.14	302	iP+	50	50.00	-2.6
				SS	55	30.00						PcP	49	15.00						iS	00	44.00	
				ScS	56	30.00						PP	49	55.50		SBA		78.78	169	iP	50	56.80	1.6
NJ2		40.12	19	Pc	46	31.80	2.8X					ScP	53	05.00				1.8s		118.18nm			5.6mb
				S	52	34.00						S	55	16.00						(S)	00	58.00	
MDG		41.39	91	eP	46	40.00	0.2					ScS	57	14.00						LR	17	28.00	
LZH		41.63	360	eP	46	41.00	-0.6	RIV		51.65	129	eP	48	04.00	3.5X	BCK		80.61	309	eP	51	04.50	-1.4
		6.0s		1351.00nm			5.9mb X					eS	55	20.00		ELL		80.96	308	iP	51	07.10	-0.7
	N	14s		93.00um				KSH		52.00	332	P	48	02.80	-0.4	SUR		81.36	238	iPd	51	10.80	0.7
	E	14s		81.10um								pP	48	10.80	27km			1.0s		170.00nm			6.0mb
				S	52	52.00						iS	55	22.80			Z	20s		28.90um			6.6Msz
				sS	53	11.00		MAT		52.77	34	iPc	48	09.20	0.3	GPA		81.54	312	iP	51	09.00	-1.7
				eSS	56	16.00				1.0s		85.00nm			5.6mb	HRT		82.15	312	iP	51	13.80	0.0
				ScS	56	44.00						eS	55	28.00		YLV		82.31	312	iP	51	14.80	0.1
LAT		42.56	94	eP	46	50.50	1.1	CN2		52.94	19	iPc	48	09.00	-1.0	YER		82.32	309	eP	51	13.50	-1.3
PMG		42.72	98	eP	46	49.00	-1.7					pP	48	17.50	28km	SMY		82.61	35	P	51	15.00	-0.8
NDI		42.99	324	iPc	46	50.50	-2.1					PcP	49	20.00				1.3s		301.89nm			6.2mb
		0.5s		56.34nm			5.6mb					ScP	53	12.00			Z	18s		10.48um			6.2Msz
	Z	22s		3.56um			5.2MszX					eS	55	32.00		ISK		82.66	313	iP	51	15.80	-0.6
				iPcP	47	22.00						eSS	59	14.00		KCT		82.98	312	iP	51	18.80	0.7
				iPPP	48	00.00		TAU		53.04	141	eP	48	12.00	1.2	EDC		83.37	312	iP	51	20.80	0.7
				iPcS	52	37.00		MDJ		55.10	22	Pc	48	25.50	-0.4	IZM		83.39	310	iP	51	20.50	0.2
				iS	53	09.00						pP	48	34.00	28km	DMK		83.79	313	iP	51	21.70	-0.5
				iSS	55	12.00						PcP	49	25.00		NPS		84.03	306	eP	51	25.00	1.4
				iSSS	56	43.00						S	56	08.50		TL8		84.24	316	ePd	51	25.00	0.6
ADE		43.09	137	iPc	46	52.90	-0.6	VSG		55.11	97	eP	48	25.00	-1.5	SPA		84.28	180	ePd	51	23.70	-0.7
		1.0s		420.00nm			6.1mb	AVY		56.46	251	ePc	48	36.10	-0.2			1.0s		70.50nm			5.8mb
CTA		43.25	113	iPd	46	54.70	-0.2	MHI		59.16	319	eP	48	55.00	0.1		Z	20s		26.13um			6.6Msz
		1.2s		196.88nm			5.7mb	SHI		60.78	309	eP	49	06.00	-0.2		N	20s		15.14um			
				iPP	48	38.00		DZM		62.16	112	iPc	49	14.70	-0.9		E	20s		32.88um			
				iS	53	18.00		NOU		62.19	112	iPc	49	14.80	-0.9	PRK		84.33	310	eP	51	26.00	1.1
TIA		43.48	15	eP	46	57.40	0.9	ARO		63.39	286	iP+	49	23.50	-0.3	EZN		84.41	311	iPd	51	25.80	0.5
				PcP	48	44.80		PVC		63.63	107	iPc	49	29.50	4.3X	PPE		84.91	317	ePd	51	29.00	1.3
				ScP	52	33.70		IR2		64.76	314	eP	49	31.30	-1.2	WIN		85.14	248	eP	51	29.20	-0.4
				S	53	20.00		AAE		66.85	282	eP	49	46.50	0.0			0.8s		55.97nm			5.8mb
				ScS	56	52.50		KER		66.96	311	eP	49	46.00	-0.7	CLI		85.22	318	iPd	51	30.50	1.2
STK		43.54	131	iPc	46	56.70	-0.4	NAI		67.38	271	ePc	49	52.00	2.2	ISR		85.40	316	ePd	51	31.50	1.2
LMG		43.69	97	eP	47	00.00	1.2			1.1s		75.95nm			5.7mb	DIM		85.42	313	iP	51	32.00	1.7
TIY		43.93	9	P	47	00.00	-0.2	MSZ		67.41	136	iP	49	52.80	3.7X	VRI		85.44	317	iPd	51	31.00	0.6
				iS	53	30.00						e	52	22.00		KDZ		85.51	312	iPd	51	32.00	1.2
GUMO		44.72	64	eP	47	05.80	-1.1					PP	53	06.00		BUC		85.55	315	iPc	51	31.00	0.1
PJG		44.72	64	eP	47	05.20	-1.7	MAW		67.76	196	eP	49	50.00	-0.9	MLR		85.89	316	iPd	51	33.00	0.2
GUA		44.75	64	eP	47	05.20	-1.9	BHD		68.61	309	iPd	49	56.00	-0.8	PVL		85.94	314	iPd	51	33.00	0.1
		0.8s		208.96nm			6.1mb					iPcP	50	05.50		ATH		86.04	309	eP	51	32.00	-1.5
GTA		45.13	355	P	47	10.00	0.1					iS	58	57.00		PLD		86.07	313	iP	51	31.00	-2.6
				iS	53	45.50						iScS	59	42.00		BNG		86.12	275	iPc	51	33.40	-1.1
				SS	56	55.00						i	01	23.00				0.9s		200.00nm			6.3mb
NGS		45.40	31	Pd	47	23.60	11.6X	SLY		68.68	312	ePd	49	55.00	-2.2					i	52	05.10	123kmX
				eS	54	18.00						ipP	49	57.00	6kmX					i	53	00.80	
BTO		46.44	6	P	47	20.00	-0.3					ePP	52	32.00		CMP		86.47	316	eP	51	36.00	0.5
				pP	47	27.00	23km					iS	58	55.00		MMB		86.69	312	iPd	51	36.00	-0.7
				PP	49	10.00						isP	59	23.50		VTS		87.26	313	iPd	51	40.00	0.7
				S	54	04.00		TET		69.82	255	iP	50	05.00	0.5	VAY		87.50	312	iP	51	40.30	-0.2
CMS		46.60	129	eP	47	21.00	-0.5	MSL		70.74	312	eP	50	08.00	-1.8	ADK		87.82	38	P	51	38.00	-3.8X
HHC		46.87	8	Pd	47	24.50	0.8					eS	59	18.00				1.2s		83.33nm			5.9mb
				pP	47	32.00	25km	WEL		71.64	132	P	50	20.00	4.8X	KZN		87.93	311	eP	51	43.00	0.2
				PcP	49	00.00			Z	20s		56.74um			6.8Msz	BMR		87.98	318	ePc	51	44.00	1.3
				iS	54	16.00						S	59	30.00		SKO		88.44	312	iPd	51	44.80	-0.3
BJI		46.90	13	eP	47	24.00	0.3					SS	04	10.00						i	52	13.00	107kmX
	Z	18s		130.00um			6.9Msz					SSS	08	46.00						iPP	55	12.00	
	N	19s		48.20um				RTB		71.71	307	iPd	50	16.00	0.2					iS	02	10.00	
	E	17s		78.10um								iS	59	32.00		VLS		88.51	308	eP	51	46.00	0.5
				eS	54	09.00		MTD		71.73	254	iPc	50	14.90	-1.3	OHR		88.79	311	iP	51	46.60	-0.2
				eSS	57	20.00		KRP		71.78	128	P	50	21.00	5.0X					eS	02	12.00	
BFD		46.90	137	eP	47	25.00	1.1	NDF		72.34	107	eP	50	20.00	0.3	KJF		89.30	335	eP	51	48.00	-0.7
		0.8s		208.00nm			6.2mb	VUN		73.30	107	eP	50	25.00	-0.3					ePP	56	02.00	
RMO		47.19	121	eP	47	26.00	-0.3	KRI		73.01	284	iPc	50	25.70	-1.7					eSKS	02	16.00	

eS 03 08.00
e 08 36.00
eSS 09 28.00
SUF 89.63 333 iP 51 49.00 -1.2
0.5s 17.90nm 5.6mb
NUR 89.84 331 iP 51 51.20 0.0
eSKS 02 18.00
e 02 40.00
e 08 40.00
TTG 90.11 312 eP 51 53.50 0.6
e(S) 02 18.50
SNA 90.12 199 e(P) 51 54.00 1.5
SPC 90.37 319 eP 51 55.30 1.1
ePP 55 27.00
PSZ 90.42 318 iPd 51 55.00 0.7
SOD 90.52 338 iP 51 54.20 -0.1
KRA 90.69 320 eP 51 56.40 1.0
1.4s 179.00nm 6.2mb
Z 20s 29.60um 6.7Msz
N 20s 12.80um
E 20s 20.30um
i 51 58.90 8kmX
e 52 00.90
i 52 05.20
eS 02 24.00
e 08 46.00
BUD 90.94 317 e(P) 51 56.00 -0.6
0.8s 61.40nm 6.0mb
KEV 90.96 340 eP 51 59.00 2.8X
0.8s 29.30nm 5.7mb
eSKS 02 20.00
eS 03 16.00
SRO 91.46 318 eP 52 01.80 2.8X
ZST 92.31 318 iP 52 03.10 0.2
i(PP) 55 44.90
e 03 04.50
SOP 92.62 317 eP 52 04.20 -0.2
VKA 92.84 318 eP 52 05.00 -0.4
2.0s 239.00nm 6.3mb
Z 20s 11.20um 6.3Msz
i 52 06.40 4kmX
i 52 13.20
i 55 33.70
ePP 55 48.00
i 55 56.60
e 02 30.00
iSKS 02 37.00
UPP 93.21 330 iP 52 06.60 -0.1
LJU 93.87 316 iP 52 11.00 0.9
e(pP) 53 05.00 219kmX
eS 02 42.00
i 03 16.00
PRU 94.14 320 P 52 12.50 1.2
e 55 25.50
iPP 55 58.20
SKS 02 44.00
VOY 94.31 316 iP 52 12.90 0.6
e 52 21.20 26km
TRI 94.38 315 iPd 52 12.50 0.0
iPP 56 00.00
iSKS 02 43.00
iSKKS 03 06.00
iS 03 22.00
iSP 04 46.00
iSS 10 20.00
iSSS 14 10.00
BRG 94.58 321 iP 52 14.20 0.9
1.0s 30.00nm 5.7mb
Z 20s 13.00um 6.4Msz
N 20s 17.00um
E 20s 15.00um
i 52 21.00 21km
eS 02 20.00
eSKS 02 45.00
KHC 94.71 319 iPd 52 14.40 0.4
0.6s 21.50nm 5.8mb
N 20s 8.70um
E 22s 9.60um
e 52 20.00 17km
e 56 04.00
KBA 94.75 317 iP 52 14.00 -0.4
1.0s 62.00nm 6.0mb
i 52 20.40 20km
i 52 26.40
i 55 42.70
iPP 55 58.80
iSKS 02 48.10

iS 03 22.50
WET 95.17 319 iPc 52 17.10 1.0
1.4s 50.00nm 5.8mb
Z 22s 37.00um 6.8Msz
CLL 95.20 321 eP 52 17.00 0.9
Z 20s 16.00um 6.5Msz
i 52 23.10 19km
eSKS 02 46.00
eS 03 21.00
HFS 95.20 330 eP 52 15.90 0.0
0.9s 37.40nm 5.8mb
Z 20s 36.87um 6.9Msz
LR 32 46.00
HSP 95.26 347 eP 52 15.00 -1.0
e 52 24.00 28km
HOF 95.87 320 eP 52 20.10 0.8
Z 17s 14.50um 6.5MszX
MOX 96.05 320 eP 52 21.00 0.9
1.9s 60.00nm 5.7mb
Z 20s 19.40um 6.6Msz
N 22s 27.80um
E 20s 6.90um
ePP 55 10.00
i 56 12.50
eSKS 02 45.00
eS 03 30.00
eSP 04 45.00
iSS 10 00.00
LQ 35 35.00
LR 39 30.00
FUR 96.20 318 eP 52 21.70 0.9
Z 19s 12.00um 6.4Msz
GRF 96.28 319 eP 52 22.60 1.5
1.3s 54.00nm 5.8mb
Z 23s 17.70um 6.5MszX
NRA0 96.28 330 P 52 21.40 0.5
OGA 96.33 316 eP 52 22.20 0.5
NB2 96.45 331 P 52 12.20 -9.5X
1.0s 10.20nm 5.3mb
OSS 96.93 316 ePc 52 25.10 0.7
KONO 97.26 329 eP 52 28.00 2.7X
SAX 97.49 317 ePc 52 27.60 0.6
LLS 97.72 316 eP 52 28.10 0.1
TMA 97.81 316 ePc 52 28.10 -0.2
TNS 98.07 320 eP 52 30.20 0.9
BRW 98.33 19 eP 52 29.50 -0.4
MMK 98.44 316 eP 52 31.70 0.5
GWF 98.63 319 eP 52 32.80 1.1
ePP 56 40.00
DIX 98.82 316 ePc 52 33.90 0.9
CDF 98.87 318 eP 52 33.00 0.1
EMS 99.16 316 ePc 52 35.10 0.7
BSF 99.21 317 eP 52 34.60 0.1
LPG 99.29 315 eP 52 36.00 0.8
0.8s 14.70nm 5.6mb
FRF 99.41 313 eP 52 31.40 -4.0X
1.2s 53.50nm 6.0mb
HAU 99.50 318 eP 52 36.00 0.2
0.6s 12.60nm 5.6mb
WLF 99.57 319 P 52 36.90 1.0
e 03 13.00
LRG 99.62 313 eP 52 32.60 -3.7X
MEM 99.62 320 P 52 38.00 1.9
PP 56 41.00
ENN 99.67 320 eP 52 36.00 -0.4
0.9s 10.00nm 5.3mb
CDR 100.04 313 ePdiff52 40.50 2.1X
IMA 100.16 24 ePdiff52 40.00 1.5
DOU 100.55 320 Pdiff 52 39.70 -0.7
Z 18s 13.30um 6.5Msz
PP 56 46.30
SKS 03 19.00
SNF 100.72 320 Pdiff 52 43.00 1.8
LBF 101.16 317 ePdiff52 43.60 0.3
LOR 101.22 317 ePdiff52 43.80 0.3
0.8s 14.70nm 5.6mb
SMF 101.27 316 ePdiff52 42.40 -1.4
1.0s 24.80nm 5.7mb
AVF 101.60 316 ePdiff52 41.80 -3.4X
1.0s 18.00nm 5.6mb
GRC 101.75 317 iPdiff52 44.90 -0.9
COL 102.80 25 ePdiff52 55.00 4.9X
FBA 102.80 25 ePdiff52 55.00 4.9X
1.0s 2.50nm 4.9mb
DAG 102.81 349 iPdiff52 48.70 -1.2
1.4s 9.30nm 5.3mb
PMR 102.95 28 Pdiff 52 55.00 4.2X

Z 20s 15.00um 6.5Msz
PME 102.99 28 e(Pdif52 53.00 2.0
1.0s 52.00nm 6.2mb
ALI 105.06 308 ePKP 57 21.50 6.0X
MBC 105.63 10 ePdiff53 05.00 2.5X
YAH 106.75 28 ePdiff53 11.50 3.4X
INK 106.87 19 ePdiff53 13.00 4.9X
INK 106.87 19 ePKP 57 26.00 8.0X
YKA 116.64 19 PKP 57 38.80 2.0
YKC 116.69 19 ePKP 57 38.00 1.1
PNT 123.05 33 ePKP 57 50.00 0.5
0.9s 75.00nm
pP 58 01.00
COR 123.38 39 ePKP 57 53.00 2.8
EDM 123.65 26 ePKP 57 50.00 -0.6
0.5s 55.00nm
FHC 124.66 43 iPKPc 57 54.80 1.9
NEW 125.00 33 PKP 57 55.00 1.6
Z 20s 15.00um 6.7Msz
GAS 126.03 44 PKP 57 57.00 1.2
MIN 126.48 43 ePKPc 57 57.30 0.6
SES 126.64 27 ePKP 57 52.00 -4.5X
1.1s 90.00nm
FFC 126.82 19 ePKP 57 56.00 -0.6
1.1s 34.00nm
ORV 126.91 44 iPKPc 57 58.30 1.0
BKS 127.14 46 ePKP 58 03.00 5.2X
0.8s 43.00nm
Z 20s 11.00um 6.5Msz
N 20s 6.00um
E 20s 8.00um
e 58 08.90
e 58 25.50
e 58 31.40
eSS 16 50.00
LQ 31 40.00
eLR 39 32.00
PCC 127.19 46 ePKPc 58 00.20 2.3X
MHC 127.79 46 ePKPc 58 01.80 2.6X
JAS1 128.40 45 iPKPc 58 01.60 1.4
PRS 128.42 47 ePKPc 58 02.10 1.8
LLA 128.61 47 ePKPc 58 02.30 1.7
PRI 129.01 47 iPKPc 58 03.90 2.3
LRM 129.02 32 ePKP 58 01.20 -0.3
FRI 129.33 46 iPKPc 58 03.40 1.4
MNA 129.74 43 ePKPc 58 01.40 -1.5
SYP 130.21 49 ePKP 58 09.00 5.1X
e 01 25.00
SCH 130.55 353 ePKP 58 05.00 1.3
ISA 130.82 47 ePKP 58 10.00 5.0X
e 01 28.00
PAS 131.72 48 ePKP 58 08.00 1.4
ePP 01 30.00
ePPP 04 18.00
eSKKS 07 44.00
ePPP 14 12.00
e 20 12.00
eSSS 23 40.00
eLR 39 42.00
SBB 131.74 48 ePKP 58 09.00 2.3X
e 01 32.00
MWC 131.77 48 ePKP 58 12.00 5.0X
e 01 35.00
GSC 132.20 46 ePKP 58 10.00 2.4X
e 01 36.00
RSON 132.63 15 PKP 58 10.00 2.2
Z 22s 22.22um 6.8Msz
PLM 133.05 49 ePKP 58 14.00 4.6X
e 01 37.00
TPC 133.31 47 ePKP 58 13.00 3.3X
e 01 38.00
BAR 133.49 50 ePKP 58 15.00 4.9X
e 01 38.00
VBA 134.55 195 ePKP 58 13.30 1.4
GLA 134.70 48 ePKP 58 11.00 -1.4
e 01 43.00
LHC 135.98 13 ePKP 58 11.00 -3.2X
GOL 136.99 34 PKP 58 20.00 3.2X
Z 20s 10.00um 6.5Msz
GLD 137.03 34 PKP 58 20.00 3.2X
Z 20s 15.00um 6.7Msz
RDJ 137.27 227 ePKP 58 22.80 5.4X
BMA 138.07 226 ePKP 58 21.70 2.7X
ITA 138.66 226 ePKP 58 21.60 1.1
ALQ 139.47 40 ePKP 58 15.00 -6.5X
Z 20s 17.20um 6.8Msz
CAI 139.52 253 ePKP 58 16.70 -5.1X

27d 05h

VAO	139.85	224	ePKP	58	19.50	-2.8X
			e	58	25.40	
			e	58	29.30	
MNT	140.37	358	ePKP	58	22.50	0.1
OTT	140.52	360	ePKP	58	21.00	-1.7
	0.6s		20.00nm			
BACH	140.77	187	ePKP	58	19.50	-4.2X
PEL	141.00	187	iPKPc	58	20.00	-4.1X
ROCH	141.21	186	ePKP	58	21.50	-3.2X
RSNY	141.35	359	PKP	58	26.00	1.7
	Z 22s		9.52um		6.5Msz	
SOB1	142.16	247	ePKP	58	22.90	-3.7X
			e	58	26.70	
			e	58	29.90	
			e	58	46.50	
ZON	142.28	190	ePKP	58	23.00	-3.4X
ELF	142.41	7	PKP	58	24.20	-2.0
ACO	142.53	32	ePKP	58	22.40	-4.2X
ITB7	142.78	214	e(PKP)	58	29.00	1.7
ITB	143.06	214	e(PKP)	58	29.50	1.7
ITB1	143.27	214	e(PKP)	58	25.00	-3.1X
PCO	143.62	29	e(PKP)	58	27.40	-1.0
RRO	143.88	32	e(PKP)	58	27.40	-1.5
OCO	144.29	31	ePKP	58	26.20	-3.4X
CYA	144.65	195	e(PKP)	58	29.00	-1.5
SIO	144.70	30	ePKP	58	27.40	-2.9X
LTX	144.76	45	PKP	58	29.00	-1.7
TUL	144.82	29	ePKPd	58	28.20	-2.3
	1.2s		688.80nm			
	Z 19s		33.40um		7.1Msz	
			i	58	29.90	
RLO	144.97	28	ePKPd	58	28.40	-2.3
			i	58	30.20	
GMTN	145.00	358	iPKP	58	29.40	-1.2
			i	58	32.20	
			i	59	31.10	
BDF	145.12	232	iPKPd	58	31.70	0.0
			i	58	32.00	
			i	58	46.20	
FVM	145.28	28	PKP	58	28.00	-3.2X
VVO	145.31	29	e(PKP)	58	31.90	0.6
PRIN	145.53	359	PKP	58	30.00	-1.5
BHO	146.50	29	ePKP	58	33.50	0.2
			i	58	35.10	
JCT	146.63	40	iPKP	58	34.50	0.8
	0.8s		455.22nm			
	Z 20s		19.15um		6.9Msz	
SLA	148.07	198	ePKPc	58	37.80	1.5
BLA	148.42	7	PKP	58	38.00	1.6
ANT	150.24	190	ePKP	58	43.50	4.0X
TPZ	151.19	200	PKP	58	44.80	3.4X
PIM	151.68	62	ePKP	58	44.00	2.3
UNM	153.55	57	ePKP	58	57.50	12.7X
III	153.73	59	ePKP	58	48.00	3.1X
TPM	153.81	53	iPKP	58	47.50	2.5X
ATB	154.79	250	PKPd	58	46.10	-0.1
CNCB	156.27	199	PKP	58	50.00	1.1
LPB	156.57	199	PKP	58	51.50	2.4X
	Z 21s		19.00um		6.9Msz	
			i	09	44.00	
			SS	23	58.00	
			LR	52	40.00	
VHO	156.57	59	iPKP	58	52.00	3.2X
ZOBO	156.83	199	PKPc	58	51.00	1.4
ARE	157.51	191	ePKP	58	51.00	0.9
GIE	164.16	114	PKP	59	06.20	9.5X
			(S)	10	39.00	
SJG	164.52	323	ePKP	58	57.50	0.5
	1.0s		45.00nm			
	Z 21s		14.34um			
TRN	164.94	290	ePKP	59	05.80	8.4X
SDV	174.00	301	ePKP	59	03.10	0.2
UPA	175.11	49	iPKPd+	59	12.00	9.0X
	1.1s		131.65nm			
	Z 20s		12.06um			
			i	05	19.00	
PSO	175.21	162	ePKP	58	55.50	-8.1X
BMG	176.99	296	ePKP	59	04.00	0.5
BOG	177.93	237	ePKP	59	05.00	1.1
CHN	179.19	194	ePKP	58	42.00	-21.8X
	S.D. = 1.2		on 267 of 347 obs.			

* DEC 27, 1985 06h 02m 11.55± 0.89s
5.066 S ±10.0km 148.094 E ± 8.0km
DEPTH = 99.7 ± 8.5 km
4.4mb (3 obs.)
NEW BRITAIN REGION (192)

LAT	1.34	234	iPd	02	37.40	1.2
MDG	2.38	285	iPd	02	50.70	1.0
BIAL	2.99	80	eP	02	57.00	-1.0
LMG	3.02	179	iPd	02	56.90	-1.6
ALOA	4.95	153	iPc	03	24.80	-0.1
CTA	14.25	187	iPd	05	36.30	6.3X
	0.8s		7.46nm		4.0mb	
WB2	19.35	222	eP	06	31.00	-0.9
			eS	09	58.90	
WRA	19.35	222	Pc	06	31.10	-0.9
	0.4s		11.00nm		4.5mb	
RMQ	20.52	178	eP	06	45.00	1.0
BRS	21.87	169	P	06	56.80	-0.6
ASPA	22.36	216	eP	07	02.00	-0.3
DZM	23.96	134	iPc	07	18.20	0.2
NOU	24.12	134	iPc	07	19.20	-0.1
YOU	28.27	179	eP	07	48.90	-8.6X
CAN	29.32	178	eP	08	07.20	0.3
WAM	30.19	179	eP	08	14.90	0.4
MRWA	38.19	229	eP	09	23.00	-0.2
KLB	38.22	224	eP	09	22.60	-0.8
KRP	40.51	146	P	09	45.20	3.0
MSZ	42.36	159	P	09	59.00	1.7
MAT	43.19	348	iPc	10	03.80	-0.4
	1.0s		22.00nm		4.9mb X	
SPA	84.17	180	ePd	14	31.00	-1.8
	0.6s		4.07nm		4.5mb	
BNG	129.74	271	ePdiff	17	48.10	-12.1X
	0.9s		9.00nm			
VAO	147.75	153	ePKP	21	46.00	1.9X
BDF	153.38	144	e(PKP)	21	59.60	6.9X
ITR	164.08	156	e(PKP)	22	18.00	13.0X
	S.D. = 1.3		on 20 of 26 obs.			

? DEC 27, 1985 06h 54m 04.54± 6.07s
23.398 N ±35.7km 121.944 E ±41.3km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWF1	0.60	266	iPd	54	16.50	-0.1
			eS	54	27.80	
TWD	0.75	335	iPc	54	19.30	0.1
TWC	1.21	356	iPc	54	26.50	-0.5
TWZ	1.72	349	iP	54	34.50	-0.2
ANP	1.82	348	eP	54	37.00	0.8
	S.D. = 0.7		on 5 of 5 obs.			

? DEC 27, 1985 07h 03m 49.67± 1.25s
27.716 S ±21.8km 67.624 W ±43.1km
DEPTH = 33.0km (normal)
CATAMARCA PROVINCE, ARGENTINA (130)

SLA	3.54	33	ePd	04	43.80	0.0
RTLL	3.68	191	iPc	04	45.80	0.2
RTCB	3.89	195	iPd	04	49.80	1.0
ZON	3.93	193	iPc	04	49.70	0.5
RTCV	4.21	191	iPc	04	52.00	-1.1
JACH	5.58	207	eP	05	13.60	1.0
PEL	6.02	205	iPc	05	17.80	-1.0
			e	06	22.00	
BACH	6.14	203	eP	05	20.00	-0.5
	S.D. = 1.0		on 8 of 8 obs.			

? DEC 27, 1985 07h 47m 32.73± 7.04s
36.241 N ±35.9km 140.524 E ±55.1km
DEPTH = 33.0km (normal)
NEAR EAST COAST OF HONSHU, JAPAN(228)

TSK	0.34	265	iPd	47	40.20	-0.8
KYS	1.08	196	eP	47	51.10	-0.5
DDR	1.10	258	eP	47	50.50	-1.5
OYM	1.32	232	eP	47	55.70	0.6
MAT	1.89	280	iPc	48	03.70	0.4
			eS	48	34.00	
	S.D. = 1.2		on 5 of 5 obs.			

DEC 27, 1985 08h 00m 03.55± 0.65s
42.298 N ± 6.9km 19.965 E ± 5.9km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 3.2 (TTG).

PVY	0.30	1	iPgc	00	08.50	-1.3
			iSg	00	13.10	
TTG	0.54	284	ePg	00	13.00	-1.4
			eSg	00	22.50	
IVA	0.58	355	ePg	00	14.00	-1.3
			eSg	00	23.00	
ULC	0.63	238	ePg	00	16.10	-0.1
			eSg	00	26.00	
NKY	0.88	306	ePg	00	19.30	-1.2
			eSg	00	34.00	
HCY	1.10	278	ePg	00	24.50	0.3
			eSg	00	40.50	
PLE	1.11	338	ePg	00	23.70	-0.8
			eSg	00	40.00	
SKO	1.14	106	iPn	00	23.70	-1.3
			iSn	00	40.60	
BRY	1.21	300	ePg	00	25.50	-0.7
			eSg	00	44.20	
OHR	1.34	152	iPn	00	27.00	-1.3
VAY	2.18	116	iPn	00	41.70	1.4
VTS	2.41	82	eP	00	45.00	1.4
			iSg	00	50.00	
MMB	2.90	103	eP	01	00.00	9.4X
			iS	01	36.00	
PLD	3.53	92	eP	01	35.00	35.6X
PVL	3.93	76	eP	01	15.00	9.8X
KDZ	4.07	97	eP	01	18.00	10.8X
DIM	4.18	92	eP	01	27.00	18.2X
CEY	5.27	313	ePn	01	26.70	2.4
			eSn	02	30.30	
MLR	5.37	52	eP	01	34.00	8.2X
VOY	5.74	313	ePn	01	32.50	1.5
			iPg	01	51.20	
			eSn	02	40.90	
			eSg	03	12.90	
KBA	6.71	318	ePn	01	46.50	1.7
			id	01	49.00	
			i	03	54.70	
KHC	8.16	329	eP	02	05.50	0.7
			e	03	53.80	
	S.D. = 1.4		on 16 of 22 obs.			

DEC 27, 1985 08h 04m 59.11± 0.78s
27.552 N ± 7.9km 140.100 E ± 8.8km
DEPTH = 483.1 ± 10.4 km
4.3mb (5 obs.)
BONIN ISLANDS REGION (212)

KYS	7.62	0	eP	06	53.00	0.7
OYM	7.88	355	eP	06	55.00	-0.1
SRY	8.06	355	eP	06	57.00	0.0
DDR	8.46	355	eP	07	01.30	0.0
TSK	8.63	0	eP	07	02.60	-0.5
MAT	9.11	350	iPd	07	07.70	-0.5
			eS	08	52.00	
TIA	21.30	300	eP	09	11.30	0.0
XAN	27.48	291	P	10	06.80	-0.2
GYA	29.76	276	P	10	27.00	0.0
CD2	31.80	285	P	10	44.20	-0.2
PSI	46.45	245	ePc	12	44.50	1.4
			e	14	10.00	
			e	14	45.00	
WB2	47.54	187	iPd	12	50.90	-0.4
WRA	47.54	187	Pd	12	50.40	-1.0
	0.3s		2.10nm		4.1mb	
PKI	48.14	283	iP	12	57.40	1.1
	0.5s		29.00nm		5.0mb	
KKN	48.20	284	iP	12	57.00	0.3
DMN	48.39	284	iP	12	58.60	0.4
ASPA	51.27	187	eP	13	13.00	-0.2X
GBA	59.74	270	P	14	18.00	-0.6
MRWA	80.99	204	eP	14	25.70	-0.8
POO	81.01	277	iPd	14	26.70	-0.3
KOD	81.12	267	eP	14	28.00	-0.1
YKA	72.62	28	P	15	38.40	0.7
KRP	73.11	151	P	15	42.10	1.4
KJF	74.59	335	eP	15	40.00	-0.8X
SUF	75.98	334	iPd	15	56.30	-0.2
	0.5s		7.20nm		4.5mb	
NUR	77.82	333	eP	16	06.00	-0.5
HFS	82.27	336	eP	16	28.70	-1.0
	0.4s		4.20nm		4.4mb	
NB2	82.49	338	P	16	26.60	-4.3X
	0.6s		3.30nm		4.1mb	
	S.D. = 0.7		on 25 of 28 obs.			

DEC 27, 1985 09h 02m 20.27± 0.91s
6.033 S ±14.3km 104.207 E ±15.4km
DEPTH = 33.0km (normal)
SUNDA STRAIT (276)

KLI	1.33	29	ePd	02	43.00	0.3

KHKI	11.55	102	eP	05	05.20	-0.7
			e	08	19.00	
WBN	29.26	136	eP	08	21.00	-0.7
WB2	32.38	118	eP	08	48.60	-0.8
PKI	38.03	332	eP	09	39.00	1.2
KKN	38.27	332	eP	09	38.90	-0.8
NDI	43.21	324	eP	10	18.50	-1.6
STK	43.35	131	iPd	10	22.80	1.6
TUL	145.05	29	e(PKP)	21	59.40	3.0X
	0.7s		3.70nm			
RLO	145.20	28	ePKP	22	00.20	3.6X
BHO	146.73	30	e(PKP)	22	05.00	5.8X
JCT	146.82	40	ePKP	22	01.00	1.5
	0.9s		13.45nm			
	S.D. = 1.4		on 9 of 12 obs.			

DEC 27, 1985 09h 48m 43.24± 0.29s
42.347 N ± 3.3km 19.867 E ± 2.5km
DEPTH = 11.5 ± 2.3 km
4.7mb (12 obs.)
YUGOSLAVIA (383)

PVY	0.26	18	iPgc	48	48.50	-0.4
			eSg	48	54.00	
TTG	0.46	281	iPgc	48	51.90	-0.7
			eSg	49	01.50	
IVA	0.53	2	ePg	48	53.50	-0.4
			eSg	49	02.50	
ULC	0.60	230	ePg	48	55.50	0.3
			eSg	49	05.00	
BDV	0.77	266	ePg	48	58.40	0.2
			eSg	49	12.50	
NKY	0.79	306	iPg	48	58.60	0.0
			eSg	49	13.00	
HCY	1.02	276	iPg	49	02.80	0.4
			eSg	49	20.50	
PLE	1.04	341	iPgc	49	03.00	0.2
			eSg	49	21.50	
BRY	1.12	300	ePg	49	03.70	-0.5
			eSg	49	22.00	
SKO	1.23	107	iPn	49	05.00	-0.9
			iSn	49	22.50	
OHR	1.42	150	iPn	49	06.80	-2.1
VAY	2.26	116	iPn	49	21.50	0.4
			iSn	49	51.50	
GRG	2.35	125	iPd	49	22.30	-0.1
			eS	49	52.30	
VTS	2.48	83	iP	49	25.00	0.9
			iPg	49	30.00	
			iSg	50	03.00	
KZN	2.49	144	eP	49	25.00	0.6
KNT	2.56	117	eP	49	24.80	-0.5
			eS	49	56.80	
THE	2.89	125	eP	49	29.90	0.0
LIT	2.99	138	ePc	49	31.30	-0.1
			eS	50	11.10	
SOH	3.03	119	iPc	49	31.60	-0.3
			eS	50	07.50	
SRS	3.05	113	ePc	49	31.90	-0.3
CLO	3.46	37	iPc	50	38.00	60.0X
PLD	3.60	92	eP	49	41.00	1.0
			iSg	50	41.00	
PVL	3.99	77	iPd	49	46.00	0.5
			iS	50	46.00	
KDZ	4.15	98	iP	49	48.00	0.2
			iS	50	24.00	
DEV	4.16	31	ePc	50	02.00	14.1X
VLS	4.20	172	eP	49	48.50	-0.1
DIM	4.26	92	iP	50	02.00	12.6X
BUD	5.17	354	e(Pn)	50	01.00	-1.3
CEY	5.18	313	iPn	50	05.30	2.8X
			eSn	51	06.50	
LJU	5.32	316	ePn	50	06.70	2.2X
	1.1s	1260.00nm			6.5mb X	
			eSn	51	13.70	
MLR	5.40	52	eP	50	06.00	0.3
TRI	5.54	309	iPnd	50	08.50	1.0
			iSn	51	14.50	
			iSg	51	46.50	
			i	51	50.50	
PSZ	5.57	0	ePnc	50	07.10	-1.0
SRO	5.58	349	iPn	50	08.50	0.5
			i(Sn)	51	13.50	
VOY	5.66	313	iPn	50	10.70	1.4
			ePg	50	30.60	
			iSn	51	15.60	
			eSg	51	49.50	
SOP	5.83	337	ePd	50	10.00	-1.5
VRI	6.06	52	iPd	50	05.00	-9.9X
ZST	6.17	343	e(Pn)	50	14.00	-2.3
			i	50	23.40	
			i	50	30.10	
			i	50	40.50	
			i(Sn)	51	21.70	
PSN	6.24	75	eP	50	33.00	15.7X
VKA	6.42	338	ePn	50	27.50	7.5X
			iSn	51	33.50	
FIR	6.47	286	e(P)	50	25.00	4.4X
			i	51	24.00	
			i	52	50.00	
KBA	6.63	318	iPnd	50	24.00	0.9
			iPP	50	31.40	
			iSn	51	32.90	
			i	52	19.60	
SPC	6.85	2	eP	50	27.80	1.7
BHG	7.30	320	iPd	50	34.60	2.3X
KRA	7.71	0	eP	50	37.80	-0.2
			e	50	46.90	
KHC	8.08	329	Pc	50	43.60	0.4
	0.9s	37.00nm			5.6mb X	
			e	51	36.50	
CVF	8.14	275	eP	50	44.40	0.4
	0.7s	29.50nm			5.6mb X	
OSS	8.19	305	eP	50	45.10	0.2
FUR	8.40	317	iPd	50	49.60	2.0
PRU	8.49	336	eP	50	46.40	-2.4
			e	52	32.50	
			e	53	47.80	
VDL	8.51	303	eP	50	50.40	0.9
TMA	8.74	299	eP	50	51.50	-1.1
GRC1	8.85	322	eP	50	54.60	0.8
	0.8s	16.00nm			5.4mb X	
			e	50	56.20	
LLS	8.97	304	eP	50	57.80	2.0
MMK	9.32	297	eP	50	59.80	-0.8
BRG	9.45	337	ePn	51	09.20	7.1X
			e	52	07.00	
			e	53	12.00	
			e	53	51.00	
GRF	9.49	324	eP	50	54.60	-8.1X
	0.8s	16.00nm			5.5mb	
			e	50	56.20	
DIX	9.69	297	eP	51	06.10	0.3
SLE	9.70	308	eP	51	04.20	-1.4
FRF	9.77	282	eP	51	07.80	1.2
	0.7s	11.00nm			5.4mb	
LPG	9.97	293	eP	51	09.40	-0.3
	0.6s	20.20nm			5.7mb X	
LRG	9.98	281	eP	51	09.20	-0.2
	0.7s	18.50nm			5.6mb	
EMS	10.01	296	eP	51	09.90	-0.1
MOX	10.06	328	eP	51	13.00	2.5X
			e	55	00.00	
			eSg	03	08.50	
CLL	10.12	335	ePn	51	14.00	2.7X
			e	54	15.00	
CDF	10.73	309	eP	51	18.40	-1.4
BSF	10.74	305	eP	51	20.80	0.8
	0.8s	14.50nm			5.4mb X	
HAU	11.09	305	eP	51	24.40	-0.3
SMF	12.22	296	eP	51	38.00	-2.0
	0.8s	20.10nm			5.4mb X	
LBF	12.22	298	eP	51	38.80	-1.3
	0.6s	8.10nm			5.2mb X	
LOR	12.38	299	eP	51	41.20	-1.0
	0.6s	7.20nm			5.1mb X	
AVF	12.58	296	eP	51	43.60	-1.2
BGF	12.87	295	eP	51	48.00	-0.6
	0.6s	15.30nm			5.4mb X	
GRC	12.90	298	iPd	51	50.40	1.3
DOU	13.09	312	P	51	53.60	2.0
HFS	18.21	350	eP	52	57.50	0.2
	0.7s	12.10nm			4.2mb	
NB2	19.44	347	P	53	09.00	-3.4X
	1.0s	6.60nm			3.9mb	
EKA	19.84	319	Pc	53	16.80	0.1
	0.7s	13.10nm			4.4mb	
ESY	19.90	321	eP	53	17.20	0.0
	0.8s	19.00nm			4.5mb	
EBL	20.02	320	eP	53	18.80	0.3
EDU	20.43	322	eP	53	22.90	0.0
ELO	20.71	321	ePc	53	25.80	0.0
	0.8s	55.00nm			5.0mb	
SUF	20.74	8	iP	53	26.00	0.0
	0.7s	7.20nm			4 1mb	
EAB	20.86	320	eP	53	27.60	0.4
	0.9s	40.00nm			4.8mb	
KJF	22.36	9	iP	53	43.00	0.8
	0.8s	22.00nm			4 7mb	
RLO	81.85	312	eP	01	04.50	0.8
TUL	82.46	312	eP	01	08.40	1.6
	1.2s	17.20nm			5.1mb	
BHO	83.07	311	e(P)	01	12.20	2.2X
	S.D. = 1.0		on 72 of 88 obs.			

DEC 27, 1985 10h 13m 40.13± 0.47s
42.342 N ± 4.2km 19.895 E ± 3.8km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 3.0 (TTG).

PVY	0.26	13	iPgc	13	45.60	-0.1
			iSg	13	50.50	
TTG	0.48	281	ePg	13	49.20	-0.6
			iSg	13	58.70	
IVA	0.53	0	ePg	13	50.60	-0.3
			eSg	14	00.20	
ULC	0.61	232	ePg	13	52.20	-0.3
			eSg	14	02.20	
BDV	0.79	266	ePg	13	56.00	0.4
			eSg	14	10.00	
HCY	1.04	276	ePg	14	00.20	0.4
			eSg	14	17.50	
PLE	1.05	340	ePg	14	00.30	0.2
			eSg	14	18.00	
BRY	1.14	300	ePg	14	01.50	-0.1
			eSg	14	20.60	
SKO	1.21	107	iPn	14	02.50	-0.1
OHR	1.40	151	iPn	14	05.90	0.1
VAY	2.24	116	ePn	14	21.00	3.1X
CLO	3.45	37	iPd	14	35.00	0.1
VOY	5.68	313	ePn	15	05.70	-0.9
			eSn	16	16.10	
KBA	6.65	318	ePn	15	21.50	1.1
			iSn	16	42.10	
	S.D. = 0.6		on 13 of 14 obs.			

• DEC 27, 1985 10h 16m 10.64± 0.92s
14.527 S ±10.2km 166.694 E ±13.7km
DEPTH = 33.0km (normal)
4.3mb (4 obs.)
VANUATU ISLANDS (186)

DZM	7.51	182	iPc	18	00.30	-0.4
			iS	19	27.00	
NOU	7.74	182	iPd	18	04.50	0.6
			iS	19	31.50	
HNR	8.32	307	eP	18	14.00	2.0
VSG	8.61	307	eP	18	14.00	-2.0
PMG	19.78	283	eP	20	36.00	-5.1X
CTA	20.28	251	iPc	20	46.80	0.4
	0.9s	25.21nm			4.6mb	
			iS	24	45.00	
RMO	20.56	232	eP	20	50.00	0.7
KRP	24.59	163	P	21	18.50	-10.5X
CMS	25.49	225	eP	21	39.00	1.4
WB2	31.32	255	eP	22	30.00	-0.4
WRA	31.33	255	Pc	22	28.50	-2.0
	0.6s	1.80nm			4.1mb	
WBN	39.20	246	eP	23	38.00	0.4
SPA	75.57	180	ePc	27	52.00	-1.7
	1.0s	1.00nm			3.8mb	
COL	86.33	18	eP	28	51.00	0.8
	0.8s	7.46nm			5.0mb	
INK	92.88	19	eP	29	17.00	-3.9X
SOB1	143.88	129	ePKP	35	45.50	0.2
ITR	146.00	131	ePKP	35	49.00	0.1
BNG	147.07	255	iPKPd	35	53.70	3.1X
	0.6s	9.00nm				
	S.D. = 1.3		on 14 of 18 obs.			

DEC 27, 1985 10h 40m 51.96± 0.46s
50.231 N ± 4.4km 12.428 E ± 4.3km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.6 (FUR), 2.6 (GRF), 2.5 (KBA).

HOF	0.36	283	ePg	40	59.30	-0.1
MOX	0.67	309	ePg	41	05.00	-0.2
			iSg	41	14.00	

27d 10h

GRF	0.95	236	iPgc	41	10.30	0.3
			eSg	41	22.80	
WET	1.13	165	iPgd	41	13.10	0.0
CLL	1.14	18	iPg	41	13.50	0.2
			iSg	41	28.70	
BRG	1.16	56	iPgc	41	13.60	-0.1
			iSg	41	28.80	
KHC	1.33	145	iPg	41	16.10	-0.4
			iSg	41	33.50	
PRU	1.38	99	ePg	41	17.40	0.2
			Sg	41	34.50	
FUR	2.20	201	ePg	41	35.60	6.5X
KBA	3.21	169	iPnd	41	43.80	0.2
			iSg	42	34.70	

S.D. = 0.3 on 9 of 10 obs.

% DEC 27, 1985 10h 55m 26.56± 2.38s
15.274 N ±11.3km 60.832 W ±31.0km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)
ML 2.6 (PAG).

FDF	0.62	210	iPc	55	38.74	-0.2
			S	55	47.30	
BBL	0.67	292	eP	55	39.50	-0.1
			S	55	48.20	
MVM	0.72	185	iPc	55	40.40	0.1
			S	55	50.50	
BIM	0.79	197	iPc	55	48.41	7.2X
			S	56	06.00	
MGG	0.79	324	eP	55	40.80	-0.5
PAG	1.11	313	eP	55	46.50	0.6
			S	55	59.00	

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

• DEC 27, 1985 12h 43m 06.81± 1.17s
14.368 S ±11.1km 166.398 E ±19.9km
DEPTH = 33.0km (normal)
3.8mb (2 obs.)
VANUATU ISLANDS (186)

DZM	7.66	180	iPc	44	58.50	-0.5
			iS	46	26.90	
NOU	7.90	180	iPc	45	03.00	0.7
			iS	46	33.00	
VSG	8.29	307	eP	45	08.00	0.3
KRP	24.82	163	P	48	38.20	10.8X
WRA	31.10	255	Pc	49	24.20	-0.4
	0.7s		0.70nm			3.6mb
SPA	75.72	180	ePd	54	59.50	8.7X
	0.8s		1.67nm			4.1mb
COL	86.27	18	eP	55	46.00	-0.1
BNG	146.83	256	ePKPc	02	50.00	3.6X
	1.1s		11.00nm			
			i	03	07.00	

S.D. = 0.7 on 5 of 8 obs.

• DEC 27, 1985 12h 55m 00.50± 1.24s
30.263 N ±17.7km 139.844 E ±12.1km
DEPTH = 33.0km (normal)
4.6mb (2 obs.)
SOUTH OF HONSHU, JAPAN (211)

MAT	6.41	348	iPd	56	35.80	0.7
			eS	57	50.00	
CN2	17.70	324	Pc	59	05.00	-1.0
			pP	59	15.00	
NJ2	18.05	281	eP	59	17.40	7.0X
			S	02	51.00	
BJI	21.62	303	eP	59	49.00	-0.6
			eS	05	36.00	
WHN	21.98	277	eP	59	54.50	1.2
TIY	23.86	295	P	00	13.40	1.7
BTO	26.29	301	eP	00	35.00	0.2
XAN	26.40	286	P	00	36.00	0.2
LZH	30.57	291	eP	01	12.50	-1.0
WMQ	43.09	303	P	02	59.50	0.3
NDI	53.92	285	eP	04	22.50	-0.6
COL	55.57	30	eP	04	36.00	1.3
INK	61.03	25	eP	05	12.00	-0.8
MBC	63.38	15	eP	05	29.00	0.6
HFS	79.71	336	eP	07	05.00	-1.1
	0.8s		5.80nm			4.6mb
NB2	79.91	337	P	07	06.40	-0.9
	0.8s		5.80nm			4.6mb

S.D. = 1.0 on 15 of 16 obs.

• DEC 27, 1985 12h 56m 00.35± 0.75s
16.218 N ± 8.0km 120.310 E ±10.2km
DEPTH = 52.6 ± 8.2 km
4.5mb (5 obs.)
LUZON, PHILIPPINE ISLANDS (249)
Felt (IV RF) at Dagupan and (II RF) at Baguio.

BAG	0.32	53	iP+	56	11.00	0.8
SZP	1.33	6	iPd	56	23.00	0.1
			iS	56	38.00	
MAN	1.72	154	iPd	56	28.00	-0.3
			eS	56	51.00	
QCP	1.74	155	eP	56	53.00	24.4X
PIP	2.12	8	iPc	56	34.00	0.1
			iS	56	45.00	
PGP	2.77	167	iPd	56	50.00	6.8X
			iS	57	13.00	
PPR	6.58	194	ePd	57	32.50	-4.5X
MCO	8.67	314	iP	58	03.40	-2.5
LOE	17.83	276	eP	00	07.00	0.6
NNT	20.25	262	eP	00	35.60	1.6
CHG	20.54	280	eP	00	37.50	0.5
WRA	38.49	159	P	03	18.00	-1.3
	0.2s		0.30nm			3.8mb
WB2	38.49	158	eP	03	16.20	-3.1X
GBA	41.46	272	P	03	44.30	0.4
IR2	64.14	302	(P)	06	30.00	-1.9
SOD	76.58	337	eP	07	46.00	-0.6
KJF	76.67	333	iP	07	48.00	0.9
SUF	77.63	332	iP	07	53.30	0.9
	0.3s		2.40nm			4.7mb
NUR	78.79	330	eP	07	59.00	0.2
DAG	84.09	351	iPd	08	26.80	0.4
	1.1s		3.80nm			4.3mb
HFS	84.10	331	eP	08	26.50	-0.1
	0.3s		1.80nm			4.6mb
NB2	84.87	332	P	08	30.80	0.3
	1.0s		8.60nm			4.8mb

S.D. = 1.1 on 18 of 22 obs.

• DEC 27, 1985 13h 14m 04.00± 0.92s
5.863 S ±19.2km 152.796 E ± 6.6km
DEPTH = 33.0km (normal)
3.5mb (1 obs.)
NEW BRITAIN REGION (192)

BIAL	1.82	287	eP	14	33.50	0.0
BGA	2.39	97	iPc	14	42.00	0.2
			eS	15	13.00	
PAA	2.72	99	iPc	14	46.10	-0.2
			eS	15	14.00	
LMG	5.51	236	eP	15	25.50	-0.6
PMG	6.61	237	eP	15	42.00	0.6
WB2	22.74	230	eP	19	07.90	3.3X
WRA	22.75	230	P	19	09.00	4.3X
	0.7s		1.20nm			3.5mb

S.D. = 0.6 on 5 of 7 obs.

• DEC 27, 1985 14h 05m 41.74± 2.29s
24.556 N ± 6.5km 122.069 E ±22.2km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWC	0.21	285	iPd	05	46.00	-0.3
			eS	05	51.50	
TWD	0.64	222	iPc	05	54.70	0.1
TWZ	0.70	321	iPc	05	55.00	-0.6
ANP	0.80	321	eP	05	58.00	0.7
TWF1	1.39	211	iP	06	07.00	-0.2
TWK	1.93	229	iP	06	15.50	0.5
TWG	1.95	208	iP	06	15.00	-0.3

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

• DEC 27, 1985 14h 22m 13.82± 1.06s
30.683 N ± 9.3km 139.142 E ±17.3km
DEPTH = 33.0km (normal)
4.7mb (5 obs.)
SOUTH OF HONSHU, JAPAN (211)

MAT	5.89	353	eP	23	41.00	-0.2
	0.9s		15.13nm			4.6mb
CN2	17.01	324	eP	26	11.60	1.0
BJI	20.88	303	eP	26	55.50	0.0
WHN	21.33	276	eP	27	01.50	1.4
BTO	25.55	301	eP	27	41.00	-0.3
XAN	25.70	285	P	27	42.70	0.0
PKI	46.67	280	eP	30	40.80	-0.9
	1.0s		8.00nm			4.6mb
KKN	46.72	281	eP	30	41.20	-0.7
	1.0s		24.00nm			5.1mb
DMN	46.92	280	eP	30	42.70	-0.8
	1.1s		14.00nm			4.9mb
WB2	50.54	186	eP	31	10.90	-0.3
WRA	50.55	186	P	31	12.00	0.8
	0.4s		0.50nm			3.9mb

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

• DEC 27, 1985 14h 35m 57.02± 1.34s
25.848 N ± 6.6km 141.479 E ±16.3km
DEPTH = 80.8 ± 12.4 km
4.9mb (4 obs.)
VOLCANO ISLANDS REGION (213)
Felt (I JMA) on Chichi-shima.

CBI	1.39	27	iPd	36	21.30	0.0
			eS	36	43.00	
MAT	11.02	346	eP	38	39.00	5.3X
	0.6s		11.33nm			5.0mb
			(S)	40	33.00	
CTA	45.90	174	iPc	44	13.20	0.0
	0.9s		17.65nm			5.0mb
WB2	46.04	189	iPc	44	14.20	-0.2
PSI	46.90	248	ePd	44	23.50	2.2
			e	45	54.00	
			e	46	00.00	
ASPA	49.77	189	eP	44	43.00	-0.4
WBN	53.65	197	eP	45	12.70	0.3
BRS	54.04	168	iP	45	15.00	-0.3
STK	57.41	180	iPc	45	38.70	-0.6
YOU	60.15	173	iPc	45	58.30	-0.1
ADE	60.54	183	iPc	46	01.00	0.0
CAN	61.25	173	eP	46	05.80	-0.1
WAM	62.10	173	eP	46	10.80	-0.7
BFD	62.70	179	eP	46	15.00	-0.4
INK	64.42	24	eP	46	26.00	-0.4
MBC	67.25	15	eP	46	45.00	0.6
KRP	71.04	152	P	47	08.70	0.6
YKA	73.54	28	P	47	23.50	1.0
SOD	75.33	339	eP	47	31.00	-1.8
KJF	76.65	336	eP	47	30.00	-10.2X
SUF	78.04	335	iP	47	47.40	-0.5
	0.3s		4.50nm			4.9mb
NUR	79.89	333	eP	47	57.00	-1.0
LRM	82.21	43	eP	48	12.40	1.6
NB2	84.53	338	P	48	21.20	-0.9
	0.4s		2.80nm			4.6mb
FOUF	98.64	329	P	49	41.15	12.9X
KIC	134.16	310	ePKP	55	08.90	1.2

S.D. = 1.0 on 23 of 26 obs.

DEC 27, 1985 14h 50m 21.98± 0.58s
39.746 N ± 9.3km 77.065 E ± 7.5km
DEPTH = 33.0km (normal)
4.5mb (3 obs.)
SOUTHERN XINJIANG, CHINA (321)

KSH	0.89	251	Pgc	50	38.90	0.7
			iSg	50	54.90	
WMQ	8.92	59	P	52	30.00	-1.7
			S	54	07.20	
NDI	11.04	179	eP	53	00.50	-0.1
			eS	54	59.50	
KKN	13.73	148	eP	53	36.20	-0.7
	0.5s		16.00nm			5.1mb X
DMN	13.82	149	eP	53	37.60	-0.5
	0.5s		12.00nm			4.9mb X
PKI	13.98	148	eP	53	40.40	0.2
	0.5s		12.00nm			4.9mb X
GTA	17.54	84	P	54	28.00	2.4
IR2	21.07	267	eP	55	07.00	1.2
POO	21.32	188	eP	55	13.00	4.7X
LZH	21.41	91	eP	55	08.50	-0.8
HYB	22.29	176	eP	55	16.00	-1.9
CD2	23.43	104	eP	55	32.60	3.6X
XAN	26.02	93	eP	55	54.80	1.0
GBA	26.04	179	P	56	02.00	8.0X
TIY	27.56	83	eP	56	09.50	1.6
MLR	37.53	296	eP	57	35.00	0.4
SUF	37.89	324	iP	57	36.40	-0.9
NB2	44.78	321	P	58	32.00	-1.9
	0.7s		4.60nm			4.5mb
DAG	53.01	343	iPc	59	32.90	-4.3X
	0.9s		4.20nm			4.4mb

BNG	63.23	252	ePd	00	51.80	2.2
	0.5s		4.00nm			4.8mb
KIC	79.67	270	eP	02	26.90	-1.2
	S.D. = 1.5		on 17 of 21 obs.			

DEC 27, 1985 14h 56m 13.34± 1.10s
5.710 S ± 5.7km 104.266 E ± 6.4km
DEPTH = 57.5 ± 10.0 km
5.0mb (15 obs.)
SOUTHERN SUMATERA (274)

KLI	1.03	35	iPd	56	33.00	1.2
KGM	7.73	353	ePc	58	08.80	3.0X
			e	00	27.00	
			e	01	13.20	
PSI	9.91	327	eP	58	37.00	1.3
			e	15	47.50	
IPM	10.72	342	ePd	58	48.10	1.3
			e	02	10.20	
KHKI	11.56	104	ePd	58	56.90	-1.2
			e	03	47.00	
NNT	18.73	346	eP	00	28.80	-1.3
NAU	19.95	148	eP	00	42.20	-1.2
KHT	21.12	345	eP	00	54.20	-1.4
MBL	21.53	137	eP	00	59.00	-0.6
LOE	23.10	354	eP	01	18.00	2.9X
MEK	24.85	148	eP	01	31.00	-1.0
CHG	24.93	348	iPc	01	32.00	-0.8
	0.6s		6.67nm			4.3mb
WBN	29.45	136	eP	02	13.00	-1.0
KOD	31.04	301	eP	02	29.50	1.0
GYA	32.06	4	eP	02	37.00	-0.1
WRA	32.47	119	Pc	02	39.80	-0.9
	0.8s		6.50nm			4.5mb
WB2	32.48	119	eP	02	39.90	-0.9
			i	05	27.10	
GBA	32.83	306	P	02	44.00	0.3
SHL	33.34	339	iP	02	46.00	-2.3
ASPA	33.64	125	iPc	02	50.90	0.0
	0.9s		51.00nm			5.4mb
HYB	34.25	313	eP	02	55.00	-1.1
CD2	36.42	359	eP	03	13.70	-0.6
POO	38.47	309	iPd	03	32.00	0.3
	0.9s		20.17nm			5.0mb
XAN	39.78	6	eP	03	41.80	-0.6
PMG	42.65	98	eP	04	06.50	0.2
NDI	42.99	324	iPd	04	07.50	-1.3
	0.6s		60.00nm			5.5mb
			iS	10	30.00	
ADE	43.08	137	iPc	04	10.10	0.6
	0.8s		41.79nm			5.2mb
CTA	43.20	113	iPc	04	11.00	0.3
	1.0s		15.50nm			4.7mb
STK	43.52	131	eP	04	14.00	0.9
	0.9s		65.00nm			5.4mb
TIY	43.86	9	eP	04	17.00	1.2
GTA	45.08	355	P	04	25.50	-0.2
BJI	46.83	13	eP	04	40.00	0.7
BFD	46.89	137	eP	04	40.00	0.1
CAN	50.58	132	eP	05	09.90	1.4
BRS	50.85	121	P	05	11.60	1.0
WAM	50.87	133	eP	05	12.40	1.8
WMQ	51.52	345	Pc	05	15.00	-0.5
CN2	52.87	19	eP	05	23.70	-1.8
IR2	64.78	314	eP	06	48.00	-0.5
IKZ	70.96	261	iP	07	27.00	-0.5
	1.3s		5.40nm			4.3mb
			i	10	21.00	
MTD	71.81	254	iPd	07	31.50	-1.0
KRI	73.70	254	iPd	07	42.80	-0.8
BUL	74.60	251	iPc	07	48.30	-0.5
	0.9s		15.13nm			4.9mb
LSZ	75.11	256	iPd	07	51.30	-0.5
	0.6s		16.90nm			5.1mb
			i	07	56.70	
			i	12	17.10	
KMZ	77.47	258	iPd	08	04.90	-0.1
	1.0s		1.90nm			4.0mb
SBA	78.82	169	e(P)	08	12.10	0.9
SPA	84.33	180	iPd	08	40.10	-0.2
	1.0s		4.00nm			4.4mb
VRI	85.45	317	iPd	08	47.50	1.4
MLR	85.90	316	iPd	08	50.00	1.5
BNG	86.19	275	iPd	08	50.70	0.2
	0.6s		9.00nm			5.1mb
			i	09	04.10	
CLO	88.80	315	iPd	09	00.00	1.5
KJF	89.29	335	eP	09	05.00	0.8
	0.6s		26.10nm			5.7mb
			i	09	12.00	
SUF	89.62	333	iP	09	06.50	0.7
NUR	89.84	331	eP	09	07.00	0.2
PNT	122.96	33	ePKP	15	06.00	1.2
	0.6s		4.00nm			
ALQ	139.39	40	e(PKP)	15	31.00	-5.7X
ITR	140.12	249	ePKP	15	39.20	0.8
SOB1	142.25	247	ePKP	15	38.00	-4.2X
SIO	144.62	30	ePKP	15	45.10	-0.5
TUL	144.74	29	iPKPd	15	45.50	-0.3
	0.8s		46.20nm			
RLO	144.89	28	ePKP	15	45.70	-0.4
BDF	145.21	232	iPKPc	15	48.00	0.7
BHO	146.42	29	ePKP	15	51.00	2.4X
	0.8s		8.40nm			
TPZ	151.26	200	iPKP	16	06.00	9.0X
CCH	155.18	202	(PKP)	16	03.00	0.6
			e	16	35.00	
ZOBO	156.90	199	PKP	16	05.20	0.1
	S.D. = 1.0		on 60 of 66 obs.			

? DEC 27, 1985 15h 42m 32.33± 3.07s
3.544 N ±51.3km 122.800 E ±54.2km
DEPTH = 545.4 ± 24.6 km
4.5mb (1 obs.)
CELEBES SEA (262)

KKM	7.02	291	ePd	44	21.50	0.3
KNA	20.06	163	eP	46	31.00	0.7
WRA	25.95	155	Pc	47	21.10	-2.3
	0.5s		6.70nm			4.5mb
WB2	25.95	155	iPc	47	22.80	-0.6
ASPA	29.13	159	eP	47	51.00	-0.1
WBN	29.73	173	iPc	47	56.90	0.6
HYB	45.50	291	eP	50	05.80	0.0
CAN	45.81	150	iPc	50	09.00	1.9
GBA	45.88	285	P	50	07.20	-0.6
KIC	126.71	281	ePKP	00	36.50	0.2
	S.D. = 1.3		on 10 of 10 obs.			

• DEC 27, 1985 15h 57m 26.10± 1.30s
30.612 N ±11.7km 139.138 E ±19.9km
DEPTH = 33.0km (normal)
4.5mb (3 obs.)
SOUTH OF HONSHU, JAPAN (211)

MAT	5.96	353	eP	58	55.00	0.5
	1.2s		51.56nm			5.0mb X
			eS	00	07.00	
CN2	17.06	324	eP	01	24.00	0.4
TIA	19.19	293	eP	01	50.70	0.8
BJI	20.92	303	eP	02	08.00	-0.1
WHN	21.33	276	Pc	02	14.50	2.1
TIY	23.16	295	Pc	02	31.90	1.4
BTO	25.59	301	eP	02	53.50	-0.4
XAN	25.72	286	P	02	55.00	-0.1
GTA	33.17	296	P	04	00.00	-1.8
PKI	46.68	280	eP	05	53.60	-0.4
KKN	46.73	281	eP	05	54.00	-0.2
	1.2s		30.00nm			5.1mb
DMN	46.93	281	eP	05	55.60	-0.3
WB2	50.47	186	eP	06	22.80	-0.1
WRA	50.47	186	P	06	24.00	1.1
	0.5s		1.60nm			4.3mb
NDI	53.24	285	eP	06	41.00	-2.8
NB2	79.36	337	P	09	24.70	-5.2X
	1.0s		4.20nm			4.4mb
ZOBO	151.30	66	PKPc	17	19.30	6.5X
LPB	151.47	67	ePKP	17	16.00	3.1X
CNCB	151.72	67	ePKP	17	15.00	1.6X
	S.D. = 1.3		on 15 of 19 obs.			

• DEC 27, 1985 16h 09m 25.90± 1.36s
34.588 S ±13.3km 69.668 W ± 7.6km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

RFA	1.01	101	ePd	09	44.10	0.3
CHCH	1.04	308	iPc	09	44.40	0.1
			iS	10	07.00	
PCH	1.19	324	iP	09	47.50	1.1
FCH	1.36	337	eP	09	50.80	1.8
SAN	1.40	324	eP	09	49.20	-0.2
			iS	10	14.00	
TACH	1.41	311	iP	09	47.50	-1.9
			iS	10	12.00	
BACH	1.41	331	eP	09	50.20	0.7
			i	10	16.00	
LNV	1.57	293	iP	09	46.90	-4.9X
			iS	10	09.90	
PEL	1.67	329	iP	09	53.00	-0.3
			iS	10	21.00	
JACH	2.05	338	iPd	09	58.60	-0.3
			i	10	22.60	
			i(S)	10	30.00	
RTCV	2.88	20	ePc	10	10.40	-0.1
ZON	3.15	16	eP	10	14.00	-0.3
			eS	10	59.00	
RTCB	3.18	14	ePc	10	14.70	-0.1
RTLL	3.40	18	iPd	10	17.30	-0.7
			S	11	04.80	
VCA	5.96	12	ePd	10	50.00	-4.3X
			S	12	03.00	
	S.D. = 1.0		on 13 of 15 obs.			

DEC 27, 1985 16h 27m 46.51± 0.69s
50.239 N ± 6.7km 12.468 E ± 6.2km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.1 (GRF).

MOX	0.68	307	ePg	27	59.50	-0.5
			iSg	28	09.00	
GRF	0.97	236	iPgc	28	05.30	0.3
			eSg	28	19.10	
CLL	1.12	17	iPg	28	08.30	0.7
			iSg	28	23.50	
BRG	1.14	55	iPg	28	07.30	-0.5
			i	28	11.00	
			iSg	28	23.50	
KHC	1.32	147	ePg	28	10.90	-0.1
			eSg	28	29.00	
PRU	1.36	100	ePg	28	11.50	0.1
			Sg	28	29.50	
	S.D. = 0.6		on 6 of 6 obs.			

• DEC 27, 1985 17h 32m 50.14± 0.58s
29.774 S ±12.3km 75.386 E ±11.5km
DEPTH = 10.0km (geophysicist)
4.7mb (5 obs.)
MID-INDIAN RISE (429)

SLR	41.66	264	eP	40	28.20	-12.4X
	1.0s		10.00nm			
MTD	42.02	278	eP	40	51.00	7.4X
BUL	43.23	272	iP	40	53.00	-0.6
	1.0s		12.00nm			4.6mb
KRI	43.70	277	eP	40	57.00	-0.4
HYB	47.01	4	eP	41	24.40	0.9
CHG	53.38	28	eP	42	12.00	-0.2
WRA	53.89	94	Pc	42	17.00	1.0
	0.9s		5.40nm			4.6mb
WB2	53.90	94	eP	42	16.00	-0.1
DMN	57.81	10	eP	42	44.20	-0.1
PKI	57.82	11	eP	42	43.90	-0.6
KKN	58.02	10	eP	42	45.30	-0.4
	0.9s		16.00nm			5.1mb
SPA	60.39	180	ePd	43	00.80	-1.0
	0.9s		2.73nm			4.4mb
GYA	63.44	31	eP	43	22.60	0.1
BNG	64.14	292	iPd	43	33.00	5.7X
	1.0s		10.00nm			5.0mb
CD2	66.11	27	eP	43	38.60	-1.1
LZH	70.77	24	eP	44	08.00	-0.7
XAN	70.94	29	P	44	09.00	-0.7
GTA	72.49	20	P	44	19.00	0.0
WMQ	74.10	9	P	44	27.80	-0.3
TIY	75.56	30	eP	44	36.50	-0.2
KIC	84.62	280	eP	45	32.60	7.1X
MLR	87.34	328	ePd	45	40.50	2.1
YKA	146.63	8	ePKP	52	33.60	2.4
	S.D. = 1.0		on 19 of 23 obs.			

& DEC 27, 1985 17h 52m 28.53s
60.021 N 153.764 W
DEPTH = 163.8km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.50	71	iP	52	51.25	-0.5
RDT	0.87	50	iP	52	53.21	-0.8
NNL	1.24	88	eP	52	57.04	0.1

27d 17h

SPU	1.44	35	iP	52	58.02	-0.9
NKA	1.45	59	eP	52	59.30	0.4
BRLK	1.47	99	iP	52	58.71	-0.5
CRP	1.48	32	iP	52	58.94	-0.5
			eS	53	22.34	
SLKM	1.83	73	eP	53	01.43	-1.6
SUA	2.07	44	eP	53	04.37	-1.5
			eS	53	30.81	
SEW	2.17	86	eP	53	05.53	-1.2
MPA	2.25	76	eP	53	05.69	-2.0
			iS	53	33.15	
SKT	2.25	28	eP	53	07.03	-0.7
KDC	2.37	163	eP	53	07.95	-1.2
PMS	2.41	58	iP	53	07.73	-2.0
PWL	2.82	70	iP	53	12.06	-2.7
PME	2.82	53	eP	53	12.03	-2.7
KNIM	3.03	81	eP	53	14.75	-2.6
MTU	3.07	88	eP	53	16.39	-1.4
SML	3.20	54	eP	53	16.66	-2.9
GLI	3.41	73	iP	53	20.37	-1.8
SCM	3.63	57	eP	53	22.69	-2.4
FID	3.69	75	iP	53	23.57	-2.2
VZW	3.71	71	eP	53	23.49	-2.6
KLU	4.12	66	eP	53	29.03	-2.4
TOA	4.24	57	eP	53	30.73	-2.2
SGAM	4.29	80	eP	53	31.89	-1.7

26 obs. associated

DEC 27, 1985 18h 31m 54.59± 0.63s
44.602 N ± 4.6km 111.048 W ± 8.5km
DEPTH = 5.0km (geophysicist)
HEBGEN LAKE REGION (458)
ML 3.2 (NEIS).

IMW	0.71	174	iPd	32	08.40	-0.4
CCMT	1.34	284	eP	32	20.40	0.5
LCCM	1.37	335	eP	32	19.50	-0.9
TMI	1.44	206	eP	32	21.30	-0.3
SXM	1.55	356	ePn	32	23.80	0.7
LRM	1.57	321	ePn	32	23.40	0.0
HPI	1.72	240	eP	32	25.60	-0.1
BUT	1.77	323	ePg	32	27.70	1.5X
			eSn	32	48.50	
BDW	2.12	149	eP	32	32.00	0.7
HRY	2.18	346	ePn	32	31.40	-0.7
MEW	5.57	313	eP	33	20.80	0.6

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

DEC 27, 1985 19h 52m 16.85± 0.50s
18.926 N ± 8.9km 119.900 E ±10.5km
DEPTH = 10.0km (geophysicist)
3.5mb (1 obs.)
PHILIPPINE ISLANDS REGION (248)

PIP	0.91	131	iPc	52	34.00	-0.2
			iS	52	47.00	
SZP	1.47	159	ePd	52	14.00	-29.3X
MAN	4.39	165	eP	53	32.00	6.9X
OZH	6.11	349	ePn	53	45.50	-3.8X
GZH	7.39	305	ePn	54	03.00	-4.4X
QIZ	9.52	272	eP	54	31.80	-5.2X
			S	56	18.50	
XAN	17.95	329	eP	56	28.60	0.3
CD2	18.86	312	P	56	39.40	-0.1
TIY	19.82	342	eP	56	50.00	-0.7
BJI	21.29	352	eP	57	05.50	-0.2
LZH	22.19	324	eP	57	15.50	0.4
HHC	22.99	344	eP	57	25.00	2.1X
CN2	25.24	9	eP	57	44.00	-0.4
GTA	26.80	324	eP	57	59.00	-0.1
GBA	41.03	269	P	00	02.00	-0.2
WRA	41.14	159	P	00	03.00	0.0
	0.4s		0.40nm			3.5mb
WB2	41.15	159	eP	00	08.20	5.1X
YKA	88.26	22	eP	05	10.60	1.1

S.D. = 0.5 on 11 of 18 obs.

DEC 27, 1985 20h 11m 02.26± 0.39s
33.201 N ± 5.9km 142.368 E ± 6.3km
DEPTH = 33.0km (normal)
4.9mb (8 obs.)
OFF EAST COAST OF HONSHU, JAPAN (229)

KYS	2.71	318	eP	11	44.40	0.0
OYM	3.40	311	eP	11	53.80	-0.6
SRY	3.51	314	eP	11	56.20	0.4
TSK	3.53	329	eP	11	55.90	-0.2
DDR	3.83	318	eP	12	00.60	0.3
MAT	4.77	315	iPc	12	13.80	0.1
			eS	13	05.00	
SHK	8.17	282	eP	13	01.60	0.2
NJ2	19.83	273	Pc	15	31.60	-1.5
BJI	22.06	296	eP	15	56.50	0.8
WHN	23.91	271	eP	16	14.00	0.0
TIY	24.74	289	eP	16	21.40	-0.7
BTO	26.80	295	eP	16	42.00	0.8
XAN	27.80	281	Pc	16	50.00	-0.3
CD2	32.68	277	eP	17	32.40	-1.3
GTA	34.60	293	eP	17	50.10	-0.3
CHG	41.28	261	eP	18	47.50	1.3
WMQ	43.37	301	eP	19	04.20	1.0
IPM	47.88	243	ePd	19	40.00	0.7
PKI	48.95	279	eP	19	48.20	0.4
	0.8s		13.00nm			5.0mb
KKN	48.98	280	eP	19	48.70	0.8
	0.7s		19.00nm			5.2mb
DMN	49.19	280	eP	19	50.40	0.8
PSI	50.69	243	ePc	20	02.20	1.4
			e	20	22.00	
WB2	53.40	189	eP	20	19.90	-1.1
WRA	53.40	189	Pd	20	19.70	-1.3
	0.4s		1.60nm			4.4mb
NDI	55.26	284	eP	20	34.00	-0.7
HYB	58.98	271	eP	21	01.20	-0.1
GBA	61.79	268	P	21	20.50	0.1
YKA	66.74	29	eP	21	53.50	1.6
KEV	67.30	340	eP	22	08.00	12.6X
NWAO	69.91	202	eP	22	12.00	0.1
KJF	70.31	335	iP	22	13.50	-0.5
	0.6s		19.60nm			5.4mb
SUF	71.76	334	iP	22	22.10	-0.7
	0.5s		4.40nm			4.7mb
NUR	73.70	333	iP	22	33.50	-0.7
HFS	77.90	336	eP	22	57.10	-0.9
	0.2s		5.60nm			5.2mb
NB2	78.02	338	P	22	58.00	-0.7
	0.7s		5.20nm			4.7mb
BRG	84.75	330	i(P)	23	34.10	0.0
CLL	84.81	331	eP	23	34.00	-0.4
			e	23	46.00	
ALO	86.45	50	eP	23	42.30	-0.9
	1.0s		3.00nm			4.5mb
ZOBO	147.74	66	ePKPc	30	45.20	1.7
LPB	147.92	66	PKP	30	43.50	0.0
CNCB	148.17	67	PKP	30	45.10	1.0

S.D. = 0.8 on 40 of 41 obs.

DEC 27, 1985 21h 18m 05.16± 0.61s
41.438 N ± 5.5km 22.291 E ± 4.9km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
Felt (IV) in the Negotino-Demir Kapijo area.

VAY	0.24	119	iPg	18	10.40	0.1
			iSg	18	14.20	
GRG	0.49	170	iPc	18	15.30	0.2
			eS	18	23.80	
KNT	0.53	121	iPc	18	15.50	-0.5
			eS	18	23.40	
SKO	0.83	310	iPg	18	20.00	-1.2
SOH	1.01	127	iPc	18	23.60	-0.7
			eS	18	39.50	
SRS	1.03	108	iPc	18	24.00	-0.7
			eS	18	39.10	
MMB	1.09	82	iPgc	18	25.00	-0.7
			Sg	18	39.00	
OHR	1.17	254	iPn	18	27.50	0.4
LIT	1.34	173	eP	18	30.60	0.7
			eS	18	50.30	
VTS	1.34	30	iPg	18	31.00	1.1
			iSg	18	46.00	
PLD	1.92	69	eP	18	44.00	5.8X
			iS	19	08.00	
KDZ	2.31	84	iP	18	45.00	1.2
			iS	19	09.00	
DIM	2.54	75	iP	18	55.00	8.0X
			Sg	19	12.00	
PVL	2.74	50	iPd	18	56.00	6.1X

S.D. = 0.9 dn 11 of 14 obs.

• DEC 27, 1985 22h 41m 51.24± 2.57s
32.805 S ±11.6km 72.472 W ±24.0km
DEPTH = 33.0km (normal)
4.6mb (1 obs.)
OFF COAST OF CENTRAL CHILE (134)

ROCH	1.24	98	iPd	42	10.40	-2.2
			iS	42	16.30	
LNV	1.45	143	iPd	42	19.00	3.6X
			iS	42	34.00	
PEL	1.54	103	iPd	42	15.20	-1.5
			i	42	22.50	
			i(S)	42	29.00	
TACH	1.54	124	iPc	42	17.50	0.8
			iS	42	32.00	
JACH	1.59	86	iPc	42	15.30	-2.2
SAN	1.65	114	iPd	42	18.10	-0.2
			iS	42	33.20	
			i	42	35.40	
BACH	1.75	109	iPd	42	19.20	-0.6
PCH	1.83	117	iPc	42	21.20	0.2
CHCH	1.89	127	iPd	42	23.70	1.8
FCH	1.90	106	iP	42	21.50	-0.8
			iS	42	39.00	
RTCB	3.38	68	ePc	42	44.50	1.4
ZON	3.45	70	iPd	42	45.50	1.4
			eS	43	25.00	
RTCV	3.46	75	ePc	42	45.20	1.0
			S	43	27.10	
RTLL	3.70	68	ePc	42	48.00	0.4
			S	43	32.00	
RFA	3.87	122	ePd	42	52.30	2.3
VCA	5.47	43	ePd	43	14.40	1.7
			S	44	21.00	
CYA	7.21	55	e(P)	43	33.80	-3.3X
ANT	9.25	12	eP	44	25.00	19.7X
TPZ	12.79	30	eP	45	07.00	13.1X
CCH	16.38	22	eP	45	48.00	7.3X
CNCB	16.44	15	P	45	45.20	3.6X
LPB	16.68	15	eP	45	45.00	0.5
ZOBO	16.93	14	ePc	45	51.10	3.3X
	Z 18s		0.28um			
			LR	53	20.00	
ITA	26.64	74	eP	47	18.00	-11.2X
BDF	28.05	58	eP	47	39.70	-2.1
SOB1	37.43	58	eP	49	02.80	-0.5
ITR	39.52	60	e(P)	49	19.40	-1.4
SPA	57.37	180	eP	51	34.00	-4.6X
	1.0s		6.50nm			4.6mb
GBA	146.57	118	PKP	01	36.00	6.2X

S.D. = 1.5 on 19 of 29 obs.

DEC 27, 1985 22h 43m 39.79± 0.57s
18.742 N ± 9.2km 119.865 E ±15.2km
DEPTH = 10.0km (geophysicist)
3.8mb (1 obs.)
PHILIPPINE ISLANDS REGION (248)

SZP	1.31	155	iPd	44	04.00	0.0
			iS	44	14.00	
MAN	4.22	164	eP	44	52.00	6.4X
OZH	6.28	349	ePn	45	16.50	1.7
HKC	6.40	305	eP	44	48.00	-28.5X
GZH	7.47	306	eP	45	31.50	0.0
QIZ	9.49	273	P	45	51.00	-8.6X
			S	47	41.90	
XAN	18.09	329	eP	47	53.20	0.3
CD2	18.96	313	eP	48	02.90	-0.7
BJI	21.46	352	eP	48	29.50	-0.9
LZH	22.32	324	eP	48	39.50	0.2
CN2	25.42	9	eP	49	07.50	-1.6
WRA	40.98	159	Pd	51	24.70	0.0
	0.8s		1.70nm			3.8mb
WB2	40.99	159	eP	51	24.90	0.2
			e	51	32.20	
YKA	88.44	22	eP	56	34.10	0.8

S.D. = 1.0 on 11 of 14 obs.

? DEC 28, 1985 00h 01m 50.05± 1.19s
51.589 N ±18.5km 6.493 E ±38.6km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

WTS	0.45	26	ePgc	01	59.00	-0.2
	0.5s		32.00nm			
			ISg	02	06.80	
ENN	0.90	204	e(Pn)	02	05.50	-1.7
	0.5s		17.00nm			
			iPgc	02	06.90	
			e	02	17.00	

		eSg	02	20.00		
MEM	1.03	198 Pgc	02	08.70	-0.7	
		e	02	23.80		
SNF	1.76	233 eP	02	41.60	20.8X	
DOU	1.92	220 Pg	02	24.30	1.2	
		e	02	45.20		
WLF	1.94	187 Pg	02	24.80	1.5	
		e	02	49.20		

S.D. = 1.9 on 5 of 6 obs.

DEC 28, 1985 00h 16m 11.88± 0.29s
12.450 N ± 4.9km 142.843 E ± 5.7km
DEPTH = 33.0km (normal)
5.1mb (3 obs.)
SOUTH OF MARIANA ISLANDS (210)

GUMO	2.27	60 eP	16	48.00	0.1	
PJG	2.27	60 eP	16	48.10	0.2	
		(TT)	18	53.60		
GUA	2.29	62 eP	16	47.60	-0.5	
		e(S)	17	14.00		
DAV	17.83	254 eP	20	08.80	-10.4X	
		eS	23	40.00		
AAI	21.65	223 eP	21	02.50	0.8	
MAT	24.35	351 eP	21	27.00	-1.0	
	1.5s	72.22nm			5.0mb	
		eS	25	48.00		
WHN	31.90	309 eP	22	36.70	0.1	
		sP	22	42.50		
CTA	32.51	174 iP	22	41.70	-0.2	
	1.1s	45.57nm			5.3mb	
WB2	33.26	195 eP	22	47.00	-1.5	
WRA	33.26	195 Pc	22	46.50	-2.0	
	0.8s	22.50nm			5.1mb	
CN2	34.65	338 Pd	23	00.80	0.5	
BJI	36.16	324 eP	23	13.00	-0.1	
GYA	36.71	298 eP	23	19.60	1.5	
ASPA	36.94	194 eP	23	20.00	0.1	
TIY	37.01	318 P	23	20.60	0.2	
XAN	37.59	311 eP	23	24.50	-0.8	
		S	29	12.00		
HHC	39.39	322 P	23	41.00	0.6	
KMI	39.85	294 eP	23	47.50	3.0X	
BTO	40.19	320 eP	23	46.50	-0.5	
CD2	40.43	303 eP	23	49.20	0.1	
DZM	41.39	146 iPc	23	57.90	1.0	
LZH	42.23	311 eP	24	04.00	0.2	
PSI	44.53	261 ePc	24	22.60	0.0	
GTA	46.48	313 Pc	24	37.60	-0.3	
		sP	24	44.10		
YOU	46.76	174 eP	24	39.90	-0.1	
		e	24	42.20		
ADE	47.32	185 e(P)	24	44.70	0.3	
CAN	47.86	173 eP	24	48.60	-0.1	
		i	24	50.90		
WAM	48.71	173 eP	24	53.40	-1.8	
		e	24	55.60		
TOO	49.82	177 eP	25	06.00	2.3	
WMQ	56.51	315 P	25	52.50	-0.9	
HYB	62.08	283 eP	26	32.50	0.3	
NDI	62.84	296 eP	26	32.00	-5.1X	
INK	76.17	22 eP	28	01.00	2.9X	
MBC	79.85	14 eP	28	17.00	-1.2	
YKA	84.77	27 eP	28	49.20	5.3X	
ZOBO	149.78	101 ePKPc	35	58.00	1.3	
	0.9s	25.95nm				
LPB	149.79	101 PKP	35	56.50	-0.1	
	1.0s	24.00nm				
CNCB	149.88	102 PKP	35	58.30	1.4	
		i	36	03.00		
TPZ	151.29	112 ePKP	36	07.00	8.3X	
CCH	151.58	104 ePKP	36	06.00	6.9X	

S.D. = 1.0 on 33 of 40 obs.

* DEC 28, 1985 01h 42m 40.57± 0.92s
9.099 S ±16.6km 26.081 E ±27.4km
DEPTH = 10.0km (geophysicist)
4.2mb (1 obs.)
ZAIRE REPUBLIC (567)

KRI	8.42	156 iPn	44	45.90	0.2	
		iSn	46	13.20		
MTD	9.33	145 iPnd	44	58.30	0.1	
		iSn	46	35.20		
TET	10.13	135 ePn	45	09.00	-0.1	
		eSn	46	56.00		
		iSg	46	59.00		
BUL	11.25	168 ePn	45	24.50	-0.2	
		eSn	47	21.70		
BNG	15.40	331 ePc	46	19.70	0.0	
	0.6s	7.00nm			4.2mb	
		i	48	56.90		
		i	51	04.50		

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

* DEC 28, 1985 02h 16m 17.70± 1.13s
37.752 N ±10.5km 140.962 E ±16.4km
DEPTH = 97.8 ± 9.5 km
HONSHU, JAPAN (227)
Felt (I JMA) at Fukushimo.

FKS	0.39	271 Pc	16	31.80	-0.9	
		iS	16	41.50		
SEN	0.51	355 eP	16	34.00	0.5	
		S	16	44.50		
ONA	0.81	183 P	16	36.30	0.2	
		S	16	49.00		
UTS	1.49	216 P	16	43.90	-0.2	
		iS	17	02.90		
TSK	1.68	204 iPd	16	45.50	-1.1	
DDR	2.25	220 iPd	16	53.90	-0.2	
MAT	2.51	242 iPc	16	58.30	0.8	
		eS	17	28.00		
SRY	2.53	213 eP	16	57.50	-0.3	
KYS	2.63	195 eP	17	00.30	1.1	
OYM	2.71	211 eP	17	00.70	0.5	
WB2	57.72	187 eP	26	00.00	-0.4	

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

* DEC 28, 1985 02h 18m 26.22± 1.25s
14.392 S ±11.0km 166.497 E ±17.0km
DEPTH = 33.0km (normal)
4.0mb (2 obs.)
VANUATU ISLANDS (186)

DZM	7.64	180 iPd	20	17.40	-0.7	
		iS	21	47.00		
NOU	7.88	180 iPd	20	21.30	0.0	
		iS	21	49.00		
SVO	8.36	308 P	20	18.00	-10.1X	
VSG	8.38	307 eP	20	28.00	-0.4	
		e(S)	22	05.00		
CTA	20.14	251 iPc	23	01.10	0.6	
	1.0s	11.50nm			4.2mb	
RMO	20.49	231 eP	23	06.00	1.8	
KRP	24.77	163 P	23	53.80	7.5X	
WB2	31.17	255 eP	24	43.90	-0.7	
WRA	31.18	255 Pd	24	43.70	-1.0	
	0.6s	1.30nm			3.9mb	
COL	86.26	18 eP	31	06.00	0.5	
PKI	88.88	299 eP	31	28.60	9.3X	
	0.6s	4.00nm			4.9mb X	
KKN	89.05	299 eP	31	29.30	9.3X	
	0.7s	6.00nm			5.0mb X	
DMN	89.15	299 eP	31	30.20	9.7X	
	0.7s	11.00nm			5.3mb X	
SSF	144.47	340 ePKP	38	06.60	5.7X	
	0.6s	3.00nm				
LPG	144.59	335 ePKP	38	07.90	6.4X	
	0.6s	2.70nm				
AVF	144.75	340 ePKP	38	06.60	5.2X	
	1.0s	8.00nm				
LPF	144.90	345 ePKP	38	07.60	6.0X	
BGF	145.13	340 ePKP	38	07.60	5.6X	
	0.6s	5.40nm				
TCF	145.57	341 ePKP	38	09.00	6.2X	
BNG	146.92	256 iPKPd	38	09.00	3.0X	
	0.8s	14.00nm				
		i	38	16.30		
LFF	147.24	341 ePKP	38	14.20	8.7X	

S.D. = 1.1 on 8 of 21 obs.

* DEC 28, 1985 02h 39m 44.69± 0.95s
24.361 N ± 6.8km 121.716 E ±14.7km
DEPTH = 33.0km (normal)
TAIWAN (244)

TWC	0.28	26 iPc	39	52.50	0.4	
TWD	0.30	202 iPd	39	53.00	0.6	
TATO	0.65	341 eP	39	56.70	-0.6	
TWZ	0.74	350 iPc	39	57.50	-1.2	
TWO	0.81	264 iPc	40	00.00	0.3	
		eS	40	12.50		
ANP	0.84	348 eP	40	01.50	1.4	
TWF1	1.07	201 ePc	40	02.70	-0.8	
TWK	1.57	226 iPd	49	10.60	0.6	

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

DEC 28, 1985 03h 04m 08.33± 0.55s
40.855 N ± 4.5km 22.814 E ± 4.7km
DEPTH = 10.0km (geophysicist)
GREECE (364)

THE	0.25	153 iP	04	13.80	0.2	
		eS	04	17.30		
KNT	0.31	12 iPc	04	15.00	0.1	
GRG	0.33	288 iPc	04	14.80	-0.4	
		eS	04	20.20		
SOH	0.41	94 iPc	04	17.10	0.3	
		eS	04	23.40		
VAY	0.50	339 iPg	04	18.00	-0.5	
		iSg	04	24.70		
SRS	0.65	66 iPd	04	21.00	-0.3	
		iS	04	29.90		
LIT	0.79	198 iPc	04	23.40	-0.4	
		eS	04	35.90		
MMB	1.01	43 iPd	04	27.00	-0.4	
		Sg	04	42.00		
SKO	1.52	318 iPn	04	36.80	1.2	
VTS	1.77	9 iP	04	42.00	2.9X	
		iPg	04	44.00		
PLD	1.89	48 eP	04	45.00	4.1X	
		iS	05	10.80		
DIM	2.40	59 iP	04	55.00	6.8X	
		eSg	05	16.00		
PVL	2.89	37 iPd	05	03.00	7.8X	
MLR	5.17	25 eP	05	31.00	3.3X	

S.D. = 0.6 on 9 of 14 obs.

? DEC 28, 1985 03h 14m 23.36± 3.85s
31.458 S ±23.3km 68.511 W ±31.3km
DEPTH = 87.0 ± 36.3 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.13	16 iPd	14	36.00	-0.3	
RTCB	0.25	263 iPc	14	36.70	0.2	
CFA	0.28	123 iPd	14	36.80	0.3	
		S	14	47.30		
RTCV	0.40	183 iPd	14	37.10	-0.2	
		S	14	48.60		
VCA	2.72	6 e(P)	15	06.00	0.0	
		S	15	39.00		

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

? DEC 28, 1985 04h 10m 27.72± 4.13s
36.467 N ±21.7km 139.862 E ±19.8km
DEPTH = 72.3 ± 38.0 km
HONSHU, JAPAN (227)

TSK	0.32	142 iPc	10	39.20	-0.3	
DDR	0.72	229 iPd	10	42.80	-0.4	
TOK	0.78	186 P	10	45.20	1.3	
		S	10	57.00		
SRY	0.98	209 eP	10	46.30	0.0	
OYM	1.16	206 eP	10	48.20	-0.5	
KYS	1.29	170 eP	10	50.00	-0.3	
MAT	1.33	274 iPd	10	51.20	0.2	
		eS	11	08.00		

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

* DEC 28, 1985 04h 21m 02.22± 2.01s
36.453 N ± 9.3km 140.979 E ±20.4km
DEPTH = 33.0km (normal)
NEAR EAST COAST OF HONSHU, JAPAN(228)

TSK	0.74	251 iPc	21	15.60	-0.6	
FKS	1.36	343 eP	21	25.00	-0.1	
		iS	21	43.00		
KYS	1.42	209 eP	21	25.90	-0.1	
DDR	1.51	253 eP	21	26.70	-0.7	
SRY	1.62	239 eP	21	29.00	0.2	
OYM	1.75	234 eP	21	31.30	0.6	
MAT	2.23	273 iPc	21	38.30	0.6	
		eS	22	08.00		

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

DEC 28, 1985 04h 38m 32.30± 0.19s
51.629 N ± 5.9km 177.166 W ± 2.8km
DEPTH = 52.4km (7 depth phases)
5.3mb (32 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)

28d 04h

Felt on Adak.

ADK	0.39	49	eP	38 44.50		1.9
SMY	5.48	285	eP	39 54.00		0.6
SDN	10.60	63	P	41 03.60		-0.5
ANM	14.35	21	P	41 58.00		4.2X
TTA	15.99	37	eP	42 18.00		2.9
PME	18.28	46	eP	42 42.50		-0.8
IMA	18.71	30	eP	42 50.00		1.3
COL	20.12	37	eP	43 04.00		-0.1
FBA	20.12	37	eP	43 03.70		-0.4
BRW	21.79	18	eP	43 22.70		1.8
INK	26.67	35	eP	44 06.10		-1.5
	0.7s	24.00nm			4.9mb	
PHC	30.72	72	eP	44 44.50		0.5
MBC	32.99	22	iPc	45 03.70		0.0
	0.7s	52.00nm			5.5mb	
PGC	33.91	73	eP	45 12.00		0.1
MAT	34.83	262	iPc	45 20.90		0.9
	0.9s	37.82nm			5.3mb	
			eS	51 00.00		
PNT	35.89	70	iPd	45 28.90		0.0
	0.9s	132.00nm			5.9mb	
COR	35.93	80	eP	45 31.00		1.8
FHC	37.57	85	eP	45 44.80		1.7
EDM	37.80	62	ePc	45 43.10		-1.7
	0.6s	38.00nm			5.5mb	
NEW	37.84	71	iPd	45 45.50		0.2
	1.0s	155.00nm			5.9mb	
		e		45 59.00	52km	
YKM	38.38	69	iPc	45 50.40		0.5
LBFM	38.56	83	eP	45 52.90		1.3
WDC	38.60	85	ePd	45 52.90		1.2
RXF	38.72	69	iPd	45 53.40		0.7
LHD	38.76	70	iPd	45 53.00		0.0
LDM	38.81	69	iPc	45 53.60		0.2
CLX	39.03	70	iPc	45 55.40		0.0
GAS	39.03	86	eP	45 56.80		1.4
MIN	39.31	84	ePd	45 58.90		1.1
SHK	39.56	264	eP	46 00.90		1.2
ORV	39.85	85	iPd	46 02.30		0.3
BRK	40.39	88	eP	46 06.70		0.2
BKS	40.40	88	P	46 07.60		1.0
	0.8s	59.00nm			5.4mb	
SNY	40.74	280	Pc	46 10.00		0.7
MHC	41.11	88	eP	46 13.30		0.8
JAS1	41.50	86	iPd	46 16.90		1.2
SAO	41.59	88	eP	46 16.60		0.2
LRM	41.83	71	eP	46 17.90		-0.6
PRS	41.91	89	eP	46 19.50		0.5
LLA	41.99	88	eP	46 20.70		1.0
ALE	42.20	10	eP	46 20.50		-0.3
	0.6s	4.00nm			4.3mb	
PRI	42.47	89	eP	46 24.80		1.1
FRI	42.53	87	ePd	46 24.60		0.6
MNA	42.60	84	ePd	46 25.70		0.9
FFC	43.16	55	eP	46 27.00		-2.0
	0.7s	4.00nm			4.3mb X	
CWC	43.89	86	eP	46 36.00		0.7
SYP	43.94	90	eP	46 36.00		0.3
ISA	44.14	87	eP	46 36.00		-1.3
SBB	45.18	88	eP	46 46.00		0.4
BDW	45.25	73	eP	46 46.00		-0.2
	0.9s	97.44nm			5.7mb	
		epP		47 00.00	53km	
MWC	45.34	89	eP	46 47.00		0.0
GSC	45.41	87	eP	46 47.00		-0.4
SDW	45.70	88	eP	46 50.00		0.3
RVR	45.91	88	eP	46 51.00		-0.3
BJI	46.32	283	eP	46 55.00		0.6
		eS		53 40.00		
PLM	46.66	89	eP	46 57.00		-0.4
TPC	46.67	87	eP	46 52.00		-5.3X
BAR	47.23	89	eP	47 02.00		0.3
GLA	48.13	87	eP	47 09.00		0.2
TIA	48.14	278	eP	47 08.60		-0.2
HHC	48.63	287	P	47 15.00		2.6
SSE	49.02	270	P	47 15.00		-0.6
	1.0s	46.00nm			5.5mb	
M	24s	0.30um				
		ePP		48 10.00		
		eS		54 19.00		
		sS		54 40.00		
COL	49.63	74	eP	47 20.00		-0.5
TIY	50.05	283	P	47 24.60		1.1
ALO	52.05	80	eP	47 38.00		-0.9
	1.0s	20.75nm			5.1mb	
			epP	47 52.30	53km	
LHC	53.25	56	eP	47 46.00		-1.3
XAN	54.61	282	P	47 56.80		-0.8
ACO	55.30	73	eP	48 01.40		-1.2
	1.0s	56.90nm			5.6mb	
LZH	56.29	287	P	48 09.00		-0.9
OZO	56.42	75	ePd	48 07.30		-3.3X
	1.5s	57.10nm			5.4mb	
		e		48 20.90	49km	
GTA	56.42	293	P	48 09.60		-1.1
RRO	56.61	74	eP	48 11.00		-1.0
	0.5s	10.90nm			5.1mb	
MEO	56.93	74	ePd	48 13.30		-1.0
LTX	57.61	83	eP	48 18.20		-1.0
	0.9s	32.48nm			5.4mb	
		epP		48 32.50	52km	
SIO	57.63	72	eP	48 17.70		-1.5
TUL	57.82	71	ePd	48 19.10		-1.4
	1.0s	180.20nm			6.1mb	
Z	17s	8.49um			5.9MszX	
		e		48 34.40	57km	
RLO	58.10	71	ePc	48 21.00		-1.4
JCT	59.18	79	iP	48 28.50		-1.6
	1.0s	35.00nm			5.4mb	
Z	20s	4.26um			5.6Msz	
		i		48 42.50	51km	
BHO	59.43	72	ePd	48 30.70		-1.0
	1.0s	16.70nm			5.1mb	
FVM	59.52	66	P	48 29.00		-3.3X
CD2	59.92	283	eP	48 34.90		-0.3
GYA	61.31	277	Pc	48 44.00		-0.7
KMI	64.70	279	Pc+	49 06.50		-0.8
PRM	66.87	64	eP	49 19.50		-1.2
NB2	67.48	356	P	49 22.20		-2.1
	1.0s	8.10nm			4.7mb	
SHL	70.96	287	iP	49 46.70		0.4
LOE	71.06	274	eP	49 45.60		-1.2
PMO	71.08	150	eP	49 46.00		-0.7
	0.9s	20.00nm			5.0mb	
TPT	71.15	150	eP	49 47.00		-0.1
	0.9s	20.00nm			5.0mb	
VAH	71.38	150	eP	49 37.00		-11.5X
	0.9s	25.00nm				
RUV	71.41	150	eP	49 48.00		-0.7
	0.9s	20.00nm			5.0mb	
CHG	71.73	277	iPc	49 51.00		0.2
	1.0s	27.50nm			5.1mb	
KKN	73.14	293	iP	49 59.60		0.4
	0.7s	41.00nm			5.5mb	
PKI	73.23	293	iP	50 00.20		0.3
	0.7s	22.00nm			5.2mb	
DMN	73.38	293	iP	50 01.40		0.7
	0.7s	33.00nm			5.4mb	
NNT	75.97	273	eP	50 16.00		0.6
MOX	77.83	354	eP	50 26.00		0.8
	1.5s	28.00nm			5.1mb	
CTA	78.26	215	iPc	50 27.10		-0.8
	1.0s	15.00nm			4.9mb	
KBA	81.26	353	eP	50 43.00		-0.9
	1.1s	31.60nm			5.2mb	
		id		50 44.20	4kmX	
WB2	82.90	225	eP	50 52.30		-0.2
WRA	82.91	225	Pc	50 52.70		0.2
	1.1s	13.40nm			4.9mb	
BRS	83.00	207	P	50 54.10		1.2
IR2	83.42	322	eP	50 55.00		-0.2
HYB	85.08	292	iPd	51 04.00		0.3
	1.0s	40.00nm			5.5mb	
POO	86.87	296	eP	51 12.00		-0.5
UPA	87.74	78	ePc	51 16.20		-0.5
	1.1s	48.10nm			5.6mb	
Z	20s	0.46um			4.9Msz	
		LR		09 30.00		
GBA	88.75	290	P	51 21.50		0.0
KRP	89.41	186	P	51 24.80		0.8
SDV	93.17	72	eP	51 40.50		-1.8
CAR	94.04	68	eP	51 47.00		0.8
HLW	95.08	335	eP	51 40.00		-10.6X
		eS		59 06.00		
KIC	121.88	9	iPKPd	57 21.20		-1.0
	0.9s	43.00nm				
BNG	122.56	341	iPKPc	57 22.40		-1.1
	0.8s	27.00nm				
SOB1	124.68	56	ePKP	57 27 40		-0.2
BDF	126.14	87	ePdiff	54 02.80		-6.8X
BDF	126.14	67	ePKP	57 30.40		-0.2
		e		57 44.00		
VAO	132.42	72	ePdiff	54 31.50		-5.8X
		e		54 43.10		
ITA	133.27	70	ePdiff	54 36.70		-4.7X
		e		54 42.00		
		e		54 44.80		
MTD	138.41	316	iPKPd	57 52.90		-0.9
		iSKP		01 20.20		
KRI	139.28	319	ePKP	57 55.00		-0.4
SPA	141.44	180	iPKPc	57 51.20		-6.6X
	1.0s	15.48nm				
BUL	142.66	318	iPKP	57 57.80		-3.5X
		iSKP		01 32.20		
SLR	147.71	313	iPKPd	58 09.60		0.0
	0.8s	108.21nm				
WIN	148.95	334	ePKP	58 13.50		1.8
	0.8s	49.25nm				
BFS	149.38	315	ePKP	58 11.90		-0.3
	1.0s	250.00nm				
		i		58 15.90		

S.D. = 1.0 on 114 of 125 obs.

DEC 28, 1985 04h 42m 26.74± 0.14s
57.230 N ± 4.7km 33.496 W ± 1.9km
DEPTH = 10.0km (geophysicist)
5.3mb (56 obs.) 4.9Msz (6 obs.)
NORTH ATLANTIC OCEAN (402)

REY	8.95	34	iP	44 45.40		6.5X
AKU	11.19	34	iP	45 15.10		5.5X
	2.0s	1035.29nm			6.8mb X	
		i		49 16.20		
STJ	15.16	239	eP	46 02.50		0.2
ELO	16.25	80	iPc	46 18.30		1.9
	1.4s	110.00nm			4.8mb	
EAU	16.56	82	iPc	46 20.60		0.3
	1.3s	202.00nm			5.1mb	
EDU	16.60	79	ePc	46 20.70		-0.1
EDI	16.69	82	ePc	46 21.90		0.1
	1.4s	267.00nm			5.2mb	
EBL	16.81	82	eP	46 23.40		0.0
	1.4s	133.00nm			4.9mb	
ESK	16.86	84	eP	46 20.40		-3.7X
EKA	16.88	84	P	46 25.00		0.7
	1.8s	346.10nm			5.2mb	
ESY	16.99	81	eP	46 24.00		-1.8
	1.3s	117.00nm			4.9mb	
FRB	18.26	305	eP	46 42.50		1.1
SCH	18.65	277	ePc	46 45.90		-0.5
	1.6s	686.00nm			5.6mb	
BER	20.15	65	eP	47 02.80		-0.6
DAG	20.32	10	iPd	47 04.90		-0.2
	1.2s	20.31nm			4.3mb	
FLN	21.42	99	eP	47 15.20		-1.3
	1.2s	142.80nm			5.2mb	
GRR	21.43	100	eP	47 15.60		-1.1
	1.3s	202.10nm			5.4mb	
LPF	21.55	101	eP	47 16.20		-1.7
	1.0s	72.00nm			5.0mb	
KONO	22.39	66	eP	47 28.50		2.3
DBN	22.72	86	eP	47 39.00		9.5X
Z	20s	3.00um			4.7Msz	
		eS		51 44.00		
NB2	22.90	62	P	47 32.00		0.7
	1.6s	156.70nm			5.3mb	
UCC	22.92	90	P	47 32.00		0.5
		S		51 46.00		
SNF	23.03	91	P	47 33.40		0.9
MUD	23.07	74	eP	47 34.00		1.1
	1.0s	120.00nm			5.4mb	
NRA0	23.11	62	P	47 36.00		2.7X
WIT	23.19	84	eP	47 36.50		2.4X
DOU	23.42	91	P	47 34.60		-1.7
	0.9s	75.00nm			5.2mb	
		e		47 42.70		
WTS	23.65	85	ePd	47 40.00		1.4
	2.0s	525.00nm			5.8mb	
ENN	23.79	89	ePc	47 40.00		0.1
	2.0s	625.00nm			5.8mb	
		e		50 26.00		
HNME	23.81	257	P	47 41.00		0.8
MEM	23.91	89	Pc	47 40.70		-0.4
LSF	24.04	102	iPc	47 42.20		-0.2
	1.1s	58.60nm			5.1mb	
GRC	24.21	98	iPc	47 43.70		-0.3
HFS	24.29	63	eP	47 45.80		1.1
	0.3s	13.90nm			5.1mb	
BNS	24.37	87	iPd	47 46.50		1.0

28d 04h

TCF	24.37	101	iPc	47	46.00	0.3		E	14s	4.80um					SBB	58.69	286	eP	52	27.00	0.5
	1.2s	80.30nm			5.2mb					e	48	53.90			RVR	58.99	285	eP	52	29.00	0.4
WLF	24.50	91	Pc	47	48.60	1.8				e	48	59.90			PRI	59.04	289	eP	52	29.90	0.9
BGF	24.54	100	iPc	47	47.20	-0.1				e	49	03.90			MWC	59.17	286	eP	52	30.00	-0.1
	1.3s	97.40nm			5.3mb					eS	53	22.00			PLM	59.22	285	eP	52	30.00	-0.4
SSF	24.58	98	iPc	47	47.80	0.1		SRO	32.16	84	iP	48	56.40	0.1	PAS	59.29	286	eP	52	29.00	-1.6
	1.3s	104.60nm			5.3mb			SPC	32.40	81	eP	48	59.80	1.2	BAR	59.64	284	eP	52	34.00	0.9
MZF	24.62	101	eP	47	47.80	-0.3		BUD	32.74	84	e(P)	49	04.00	2.6X	SYP	59.93	288	eP	52	36.00	0.8
	1.2s	71.40nm			5.2mb			CLO	36.29	85	ePd	49	33.50	1.6	BOG	61.38	228	eP	52	46.50	1.0
LOR	24.65	98	iPc	47	48.60	0.3		CMP	37.38	83	ePc	49	34.00	-7.0X				eS	01	15.00	
	1.2s	62.40nm			5.1mb			SKO	37.62	90	iP	49	43.50	0.5	ATB	62.20	201	Pc	52	49.40	-1.1
AVF	24.67	99	eP	47	48.00	-0.5			9.5s	1600.00nm					CAI	63.61	184	eP	53	01.30	1.5
	1.4s	82.70nm			5.2mb					iPP	51	16.00			ITR	65.88	185	eP	53	13.40	-1.1
L8F	24.88	98	iPc	47	50.40	-0.2				iS	55	37.00						e	53	21.90	
	1.1s	68.30nm			5.2mb			MLR	37.72	82	ePc	49	44.00	0.0				e	53	24.60	
LPO	24.89	105	eP	47	49.80	-0.9				e	17	10.50						e	53	37.80	
	1.2s	61.80nm			5.2mb			OHR	37.86	91	eP	49	46.20	1.0	SOB1	66.48	188	eP	53	17.10	-1.3
COP	25.06	74	iP	47	49.80	-2.4		VTS	38.15	88	iPd	49	48.00	0.6				e	53	20.10	
	1.0s	128.00nm			5.6mb			YKC	38.49	313	eP	49	49.00	-1.1				e	53	24.20	
TNS	25.44	88	eP	47	57.00	1.0			1.1s	71.00nm				5.3mb				e	53	26.40	
HAU	25.55	94	eP	47	56.80	-0.1		VAY	38.68	90	iP	49	52.40	0.5	BNG	66.55	121	iPc	53	19.00	0.1
	1.4s	108.00nm			5.3mb			KDZ	39.97	87	iP	50	03.00	0.3		1.0s	30.00nm				5.4mb
CDF	25.82	92	eP	47	59.40	-0.1		PRM	40.09	256	P	50	05.60	1.9				i	53	39.70	
	1.4s	87.10nm			5.3mb			FVM	41.51	268	P	50	15.60	0.2	KSH	67.00	52	P	53	23.00	1.3
BSF	25.89	94	eP	47	59.80	-0.4		INK	41.94	327	eP	50	17.50	-1.0	WMO	67.97	42	Pd	53	28.00	0.4
	1.4s	113.20nm			5.4mb				1.0s	57.00nm				5.3mb	GTA	76.02	36	Pd	54	14.80	-0.8
MLS	26.03	108	iPd	48	04.00	2.5X				pP	51	04.00		218kmX	NDI	76.60	58	eP	54	19.00	0.1
UPP	26.27	63	iP	48	04.90	1.5		POW	43.27	266	P	50	29.60	-0.1	MDJ	77.54	12	Pc	54	23.50	-0.3
	1.6s	300.00nm			5.7mb			EDM	43.27	300	ePd	50	30.00	0.4	CN2	77.80	15	Pd	54	24.00	-1.2
MOX	26.94	85	eP	48	10.00	0 3			1.0s	109.00nm				5.6mb	BTO	77.82	28	eP	54	26.00	0.5
	1.7s	110.00nm			5.3mb			OLY	43.91	266	P	50	36.00	1.1	HHC	77.96	26	P	54	27.00	0.7
Z	15s	4.90um			5.2MszX			SES	43.96	296	ePc	50	36.20	1.0	ZOBO	78.69	214	P	54	31.20	0.1
N	15s	2.70um							1.5s	246.00nm				5.8mb		1.7s	47.24nm				5.3mb
E	15s	2.80um						RLO	45.34	270	ePc	50	46.80	0.3				LR	19	24.00	
MOX	26.94	85	eP	48	14.80	5 1X		BRW	45.72	338	P	50	48.50	-0.5	LPB	78.93	214	eP	54	31.00	-1.2
	1.7s	110.00nm			5.3mb			TUL	45.95	270	ePc	50	51.70	0.4	Z	22s	0.19um				4.4Msz
Z	15s	4.90um			5.2MszX				1.2s	214.40nm				6.0mb				LR	22	50.00	
N	15s	2.70um						Z	17s	1.84um				5.1MszX	CNCB	79.15	214	P	54	28.00	-5.6X
E	15s	2.80um						BHO	46.59	268	eP	50	59.00	2.7X	CCH	79.16	212	eP	54	35.00	1.7
GRF	27.24	87	eP	48	12.20	-0 3		RXF	46.96	297	eP	51	00.20	0.9	SNY	79.44	17	eP	54	32.00	-2.2
	1.5s	84.00nm			5.2mb			YKM	47.25	297	iPc	51	01.50	-0.1	BJI	79.78	23	eP	54	36.50	0.4
Z	21s	2.40um			4.7Msz			LDM	47.34	296	iPd	51	02.70	0.5	LZH	80.32	34	P	54	39.00	-0.3
MNT	27.25	262	iPd	48	14.40	1.9		CLX	47.41	296	eP	51	00.00	-3.0X		1.4s	68.00nm				5.4mb
EBR	27.29	112	eP	48	17.00	4.0X		LHD	47.59	296	iPc	51	04.50	0.3	TIY	81.15	27	P	54	44.00	0.5
LPG	27.32	98	iPc	48	13.60	0.1		LRM	47.72	292	eP	51	05.60	0.1	TPZ	82.92	210	P	54	54.20	1.1
CLL	27.34	82	iPd	48	12.90	-0.5		NEW	48.34	297	eP	51	10.00	0.0	TIA	83.67	24	eP	54	56.50	0.0
	2.2s	100.00nm			5.2mb			GOL	48.36	281	P	51	10.80	0.3	KMI	90.10	39	Pc+	55	28.50	0.2
BRG	28.08	83	eP	48	19.20	-0.8			1.2s	88.11nm				5.7mb	GYA	90.14	35	P	55	29.00	0.6
	2.0s	85.00nm			5.2mb			Z	20s	2.50um				5.2Msz	WRA	141.69	19	PKP	02	00.00	0.1
		eS	53	09.00				BDW	48.38	287	P	51	10.00	-0.6		1.3s	8.00nm				
CRT	28.16	123	iPc	48	22.30	1.3			1.0s	53.00nm				5.6mb	WB2	141.69	19	ePKP	01	58.50	-1.4
WET	28.44	86	eP	48	23.30	-0.1		F8A	48.43	329	P	51	10.80	0.4	CTA	142.91	0	iPKPc	02	10.00	8.0X
	2.0s	77.00nm			5.1mb				1.2s	94.70nm				5.7mb		1.1s	10.76nm				
OTT	28.45	264	eP	48	24.00	0.6		OZO	48.61	272	eP	51	10.00	-2.2	ASPA	145.24	21	iPKPd	02	04.80	-1.1
	1.5s	136.00nm			5.5mb				1.5s	127.30nm				5.8mb		1.1s	50.00nm				
KHC	28.83	86	iPd	48	26.60	-0.3		PNT	48.81	300	eP	51	14.00	0.5	WBN	145.82	33	ePKP	02	07.00	0.2
		e	49	31.60					1.1s	96.00nm				5.8mb	SPA	147.05	180	ePKPc	02	07.20	-0.5
		e	50	28.00				IMA	49.11	332	P	51	11.30	-4.4X		1.1s	50.70nm				
		e	51	35.00				PMR	51.36	326	P	51	32.80	0.0	MUN	147.28	52	ePKP	02	12.00	3.1X
PRU	28.88	84	eP	48	26.50	-0.7			1.5s	135.14nm				5.7mb		1.1s	100.00nm				
Z	18s	3.20um			5.0Msz			PHC	51.39	306	eP	51	33.00	-0.2	BRS	149.85	349	PKP	02	18.00	4.9X
N	16s	1.20um						ALQ	52.46	278	eP	51	42.00	0.3		S.D. = 1.0	on 157 of 177 obs.				
E	18s	3.50um							1.3s	50.48nm				5.3mb							
		e	49	16.50				Z	18s	5.33um				5.6Msz							
KSP	29.36	81	eP	48	30.00	-1.6		MSL	53.35	78	ePd	51	49.00	0.9							
SUF	29.38	54	eP	48	32.00	0.4		COR	53.96	298	iPc	51	52.00	-0.4							
NUR	29.39	59	eP	48	24.00	-7.7X		BMN	54.02	290	P	51	53.60	0.5							
KJF	29.64	51	iP	48	34.00	0.1		SLY	55.18	77	ePd	52	02.80	1.3							
		i	49	08.50				LTX	55.24	271	P	52	00.00	-2.2							
K8A	29.91	89	iPd	48	37.30	0.6		KIC	55.51	145	eP	52	03.70	-0.4							
	1.8s	132.00nm			5.5mb				1.2s	57.00nm				5.5mb							
		i	48	44.60				LBFM	55.69	294	P	52	04.60	-0.8							
IFR	30.57	129	iP	48	42.50	-0.2		MNA	56.00	289	eP	52	07.20	-0.4							
TAF	30.66	124	iP	48	46.00	2.6X		MIN	56.30	293	eP	52	08.90	-0.8							
VKA	30.81	85	e(P)	48	43.00	-1.5		BHD	56.37	80	eP	52	08.00	-2.1							
TRI	30.98	91	e(P)	48	44.50	-1.4		WDC	56.59	294	eP	52	09.40	-2.2							
		e(PP)	49	40.00				ORV	56.84	293	eP	52	12.20	-1.3							
		e	52	10.00				FHC	57.13	295	eP	52	15.50	-0.1							
		e(S)	53	52.80				JAS1	57.54	291	eP	52	18.10	-0.3							
ZST	31.28	85	eP	48	47.00	-1.6					i	52	22.80								
		e	50	36.00				GSC	57.68	286	eP	52	18.00	-1.5							
		e	51	42.00				FRI	57.89	289	eP	52	20.80	0.0							
SOP	31.29	86	e(P)d	48	48.00	-0.7					i	52	26.20								
KRA	31.74	80	eP	48	51.60	-1.0		IR2	57.97	73	eP	52	23.00	1.4							
	1.0s	54.00nm			5.4mb			TPC	58.21	285	eP	52	23.00	-0.2							
Z	14s	5.90um			5.4MszX			ISA	58.27	288	eP	52	24.00	0.4							
N	16s	2.90um						GLA	58.37	283	eP	52	25.00	0.7							

DEC 28, 1985 05h 00m 26.62± 0.45s
0.378 N ± 3.1km 122.194 E ± 4.1km
DEPTH = 142.0 ± 4.4 km
5.5mb (33 obs.)
MINAHASSA PENINSULA (265)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 22C
Centroid Location:
Origin Time 05:00:23.5 0.8
Lat 0.21N 0.07 Lon 122.53E 0.09
Dep 129.3 4.6 Half-duration 1.7
Moment Tensor; Scale 10**24 D-CM
Mrr= 0.72 0.13 Mtt= 0.10 0.19
Mff=-0.82 0.26 Mrt=-1.31 0.11
Mrf= 0.48 0.12 Mtf=-0.14 0.16
Principal Axes:

	Val=	1.84	Plg=51	Azm=196
N		-0.73	19	311
P		-1.10	33	53

Best Double Couple:Mo=1.5*10**24
NP1:Strike=191 Dip=21 Slip= 152
NP2: 307 80 71

28d 05h

BKB2	5.54	253	iPc	01	49.40	1.3				S	11	38.00		TTA	85.92	27	eP	12	53.50	1.9
MKS	6.19	206	iPc	01	56.40	-0.4				ScP	12	57.00		BRW	86.77	19	eP	12	57.00	1.5
			iS	03	08.40		KLB	32.07	187	iPc	06	41.10	-1.0	IMA	87.26	24	eP	13	00.00	1.9
AAI	7.23	124	ePd	02	11.50	0.5		0.6s	160.00nm				6.0mb	PME	89.08	29	eP	13	06.50	-0.2
DAV	7.47	27	eP	02	15.00	0.8	MUN	32.68	189	iPc	06	46.30	-1.0		0.6s	2.40nm			4.4mb X	
			eS	03	41.00			1.2s	311.00nm				6.0mb	FBA	89.67	25	eP	13	09.50	0.1
KKM	8.20	313	ePd	02	23.80	-0.3	NWAO	33.46	188	iPc	06	53.70	-0.4		0.6s	4.20nm			4.7mb	
	0.6s	157.70nm				5.8mb X		0.5s	160.00nm				6.0mb	PMO	90.01	105	iP	13	15.50	3.7X
			i	03	48.00		RKG	34.61	188	eP	07	02.00	-1.9		0.9s	45.00nm			5.5mb	
PPR	9.95	340	iP	02	50.00	2.7X		0.4s	37.00nm				5.5mb				ipP	13	47.90	125kmX
			iS	03	09.50		CD2	35.04	332	eP	07	07.70	0.0	VAH	90.27	105	iP	13	16.60	3.6X
KHKI	10.89	217	ePd	03	00.20	0.6				iS	12	29.00			0.9s	15.00nm			5.1mb	
			e	08	50.00		SHK	35.36	15	eP	07	08.80	-1.5				ipP	13	49.00	125kmX
TRT	12.46	230	iPc	03	21.30	1.1	XAN	35.72	341	Pd	07	13.60	0.2	TPT	90.28	105	iP	13	16.80	3.7X
	1.1s	163.90nm				5.5mb				sP	07	54.00			0.9s	35.00nm			5.4mb	
PGP	13.10	355	iPc	03	26.00	-2.4				PP	08	51.00					ipP	13	49.00	124kmX
			iS	03	40.00					S	12	40.00		MTD	90.69	253	eP	13	13.30	-1.8
BAG	16.01	354	eP	04	02.00	-3.4X				sS	13	31.00		KJF	91.62	334	iP	13	16.60	-1.8
			eS	07	02.00					SS	15	10.00			0.7s	21.40nm			5.4mb	
KNA	17.29	158	iPc	04	11.10	-9.8X	TIA	35.96	353	eP	07	15.10	-0.2	SUF	92.45	333	iP	13	20.70	-1.5
	0.3s	150.00nm				5.8mb				ScP	13	12.00		KRI	92.58	253	eP	13	22.00	-1.9
KGM	18.94	275	iPc	04	39.30	0.0	STK	36.97	152	iPc	07	24.30	0.5	YAH	92.68	30	eP	13	24.20	0.6
	0.8s	350.10nm				5.7mb		0.6s	158.00nm				6.0mb	BUL	93.49	250	iPc	13	26.40	-1.6
			e	05	02.20		TIY	38.23	347	eP	07	34.20	-0.2		0.8s	10.45nm			5.1mb	
TZZ	19.81	107	eP	04	48.50	0.1				sP	08	16.50		SLR	93.69	244	eP	13	27.00	-1.9
MBL	21.53	186	iPc	05	05.30	-0.3				S	13	16.50			0.7s	6.85nm			5.0mb	
IPM	21.55	281	ePc	05	06.10	0.3	ADE	38.40	158	iPc	07	36.50	0.6				i	14	06.00	
	0.9s	137.30nm				5.4mb		0.6s	193.33nm				6.0mb	INK	94.91	21	eP	13	32.00	-1.5
			i	05	24.10		CMS	38.81	147	eP	07	39.00	-0.2	NB2	99.70	333	P	13	53.00	-2.4
			e	09	02.40					e	09	12.00			0.7s	2.20nm			4.8mb	
PPI	21.81	268	ePc	05	09.00	0.6	MAT	38.93	21	iPd	07	38.20	-2.0	DAG	99.93	352	iP	13	54.00	-2.1
	0.7s	394.70nm				5.9mb		0.9s	75.63nm				5.4mb				i	14	26.00	
QIZ	22.14	328	Pc	05	12.40	0.8				eS	13	24.00		SSF	108.87	321	ePKP	18	40.60	-0.1
			iS	09	08.50		LZH	39.41	336	P	07	45.50	1.2	BGF	109.48	320	ePKP	18	41.80	-0.1
PSI	23.37	276	iPc	05	25.50	2.0		1.5s	65.00nm				5.2mb		0.6s	6.60nm				
	1.3s	552.00nm				5.8mb	BJI	39.85	353	eP	07	47.50	-0.2	DUG	115.79	44	PKP	18	54.60	0.2
WRA	23.44	150	Pd	05	24.60	0.4				eS	13	42.00		BDW	116.82	40	PKP	18	56.00	-0.4
	0.7s	151.10nm				5.6mb	BRS	40.32	136	P	07	52.10	0.4	MSU	116.93	46	PKP	18	57.80	1.1
WB2	23.45	150	iPc	05	24.20	-0.1	SNY	41.28	2	Pc	07	58.60	-0.7	GLA	116.97	52	PKP	18	57.50	0.8
			iScP	12	32.00		HHC	41.42	348	Pc	08	01.50	0.8	GOL	121.09	42	PKP	19	04.50	-0.1
NAU	23.70	196	iPc	05	26.80	0.2	LSA	41.53	317	iP	08	03.40	1.3	ALO	122.61	47	ePKP	19	07.50	-0.1
GZH	24.16	340	Pd	05	31.00	0.0	BTO	41.53	346	eP	08	01.50	-0.1	SCH	124.50	6	ePKP	19	10.00	-0.4
MDG	24.21	104	eP	05	32.50	0.9				sP	08	44.00		KIC	126.62	278	iPKPd	19	14.90	-0.8
TATO	24.46	358	eP	05	32.00	-1.8				ePP	09	45.50			1.0s	66.00nm				
	1.0s	80.00nm				5.2mb				S	14	08.00		LTX	127.22	52	PKP	19	16.80	0.2
QZH	24.67	352	eP	05	34.00	-1.8	COO	41.77	140	eP	08	05.00	1.4	QZO	127.72	44	ePKP	19	14.90	-2.4X
			sP	06	12.00			0.6s	34.00nm				5.2mb	TUL	129.49	40	ePKP	19	19.40	-1.2
			iS	09	49.00					e	09	45.00			0.9s	15.40nm				
NNT	25.36	299	iPc	05	43.20	0.9	BFD	41.85	155	iPc	08	04.70	0.6	JCT	129.66	49	ePKP	19	20.50	-0.6
LOE	26.30	311	eP	05	50.90	0.0		0.5s	43.00nm				5.4mb		0.9s	39.92nm				
			e	09	13.00		YOU	42.32	147	iPc	08	09.10	1.1	RLO	129.83	40	ePKP	19	20.20	-1.0
ASPA	26.47	155	iPc	05	52.20	-0.2	CAN	43.44	148	iPc	08	18.30	1.2	BHO	131.02	41	ePKP	19	23.60	0.1
PMG	26.69	112	eP	05	53.50	-0.9				iPcP	10	01.50		POW	132.22	37	PKP	19	25.00	-0.7
WBN	26.70	171	iPc	05	52.20	-2.3	TOO	43.46	153	eP	08	18.00	0.7	LNV	144.24	160	ePKP	19	46.10	-1.6
			e	09	09.00					e	10	00.00		PCH	144.84	161	iPKPd	19	48.50	-0.4
ISO	26.98	142	eP	05	56.00	-1.1	GTA	43.90	335	Pc	08	21.60	0.6	SAN	144.95	161	ePKPc	19	48.50	-0.5
MEK	27.06	187	iPc	05	57.00	-0.8				PP	10	04.00		BACH	145.10	161	ePKP	19	49.50	0.2
BSI	27.33	281	iPd	05	59.00	-1.3				ScP	13	43.10		FCH	145.19	162	ePKP	19	50.50	0.7
KHT	27.37	303	ePc	06	02.20	1.6				ScS	18	03.20		PEL	145.23	161	iPKPc	19	49.50	0.0
CHG	29.26	310	iPc	06	18.80	1.2	WAM	44.04	148	iPc	08	23.20	1.3	ROCH	145.28	160	iPKP	19	50.50	0.6
	1.0s	125.00nm				5.6mb	PKI	44.44	311	iPc	08	26.40	0.7	ZON	147.34	163	iPKPc	19	56.00	3.0X
			eS	11	12.00		MDJ	44.54	8	Pd	08	24.50	-1.2	VCA	150.10	161	ePKPd	19	58.80	1.3
GYA	29.93	331	Pd	06	24.40	0.8	KKN	44.65	311	iPc	08	27.90	0.7	ANT	153.78	153	iPKPc	20	18.00	15.2X
			PcP	09	22.40		DMN	44.69	310	iPc	08	28.40	0.8	ITA	154.68	209	e(PKP)	20	10.00	5.6X
			S	11	13.00		KOD	45.54	284	iPc	08	34.00	-0.4	VAO	155.17	204	ePKP	20	05.60	0.9
			ScS	16	46.00			1.0s	208.00nm				5.8mb				e	20	14.10	
MRWA	30.02	191	eP	06	23.00	-1.1	HYB	46.14	294	iPc	08	39.00	0.1				e	20	30.10	
SSE	30.56	358	P	06	28.00	-0.9		1.0s	360.00nm				6.0mb	TPZ	157.67	160	(PKP)	19	58.00	-10.4X
	1.5s	109.00nm				5.4mb				I	09	13.00		ITR	158.98	246	ePKP	20	09.00	-0.6
			pP	06	54.00	119kmX	GBA	46.22	289	P	08	39.40	0.0	CNCB	160.84	149	iPKP	20	14.00	1.8
			S	11	15.00		DZM	48.55	120	iPc	08	57.90	0.2	LPB	161.01	148	PKP	20	14.00	1.8
WHN	30.91	347	P	06	33.00	1.1	NOU	48.64	121	iPc	08	58.80	0.5		1.1s	25.32nm				
			sP	07	13.00		POO	50.75	294	iPc	09	14.10	-0.4	SOB1	161.02	242	ePKP	20	12.20	0.4
			iS	11	28.00		NDI	51.34	307	iPd	09	17.00	-1.8				e	20	55.00	
KMI	30.96	324	eP	06	34.00	1.2				eS	16	25.50		ZOBO	161.22	148	PKPd	20	14.00	1.4
			iS	11	32.00		WMO	53.05	329	Pc	09	31.50	0.2		1.5s	32.26nm				
KLG	31.00	181	eP	06	31.20	-1.5				iScP	14	21.40		CCH	161.22	155	PKP	20	15.00	2.8X
CTA	31.13	132	iPc	06	34.00	0.0				S	16	53.00		BDF	161.94	212	e(PKP)	20	08.50	-4.2X
	1.2s	67.19nm				5.3mb	KSH	57.33	318	iPc	10	04.00	1.8				e	20	59.10	
			iPcP	09	26.20		KRP	62.09	134	P	10	35.70	1.1				i	21	35.50	
			iS	11	30.00					e	11	15.00			S.D. = 1.1		on 131 of 144 obs.			
			iScP	12	56.00		IR2	74.64	307	iPc	11	52.00	-0.4							
			i	14	58.80		SBA	81.69	171	iP	12	30.90	1.0	* DEC 28, 1985 05h 55m 01.80± 1.67s						
			iScS	16	54.80			1.4s	60.47nm				5.2mb		5.326 S ±21.1km 104.583 E ±18.8km						
BAL	31.25	189	iPc	06	33.90	-1.0	SDN	82.48	34	eP	12	36.70	2.4		DEPTH = 68.7 ± 13.9 km						
NJ2	31.66	355	Pd	06	39.00	0.6	NAI	85.40	269	eP	12	52.00	1.8		4.6mb (2 obs.)						
			sP	07	20.00			1.2s	78.13nm				5.4mb	SOUTHERN SUMATERA						(274)

PPI	6.39	319	e(P)	56	36.00	0.5
KHKI	11.35	106	ePc	57	43.20	-0.2
			e	00	47.10	
WB2	32.39	119	eP	01	26.70	-0.6
ASPA	33.61	126	eP	01	37.00	-0.9
PKI	37.59	331	eP	02	11.40	-0.5
DMN	37.76	331	eP	02	13.00	-0.3
KKN	37.83	331	eP	02	13.60	-0.2
	0.4s		6.00nm		4.9mb	
NDI	42.87	324	eP	02	54.50	-0.6
CTA	43.07	114	iP	02	58.10	1.2
	0.9s		5.46nm		4.4mb	
YOU	49.70	131	eP	03	49.00	0.0
CAN	50.60	132	eP	03	56.30	0.4
WAM	50.90	133	eP	03	58.30	0.2
MLR	85.85	316	eP	07	36.00	0.6
TUL	144.25	29	ePKP	14	31.80	-0.2
	0.8s		17.90nm			
RLO	144.41	28	ePKPd	14	32.50	0.2
BDF	145.69	232	ePKP	14	34.50	-0.7
BHO	145.93	29	ePKP	14	37.10	2.2X
JCT	146.04	40	ePKP	14	36.50	1.2
	1.0s		30.00nm			
	S.D. = 0.7		on 17 of 18 obs.			

* DEC 28, 1985 06h 12m 36.03± 0.50s
5.736 S ±11.9km 104.173 E ±10.4km
DEPTH = 33.0km (normol)
4.4mb (2 obs.)
SOUTHERN SUMATERA (274)

KGM	7.75	354	ePc	14	30.00	0.6
TRT	8.63	104	ePd	14	43.00	1 4
PSI	9.88	328	ePd	15	02.50	3.6X
KHKI	11.65	104	eP	15	21.90	-1.1
			e	18	44.00	
WBN	29.49	136	eP	18	38.30	-1.3
WRA	32.54	118	Pd	19	05.70	-0.8
	0.5s		1.20nm		4.0mb	
WB2	32.55	118	eP	19	05.10	-1.5
GBA	32.77	306	P	19	12.50	4.1X
ASPA	33.71	125	eP	19	16.00	-0.6
NDI	42.95	324	eP	20	33.00	-0.8
ADE	43.13	137	iPd	20	35.90	0.7
CTA	43.28	113	iP	20	37.00	0.4
STK	43.57	131	eP	20	39.00	0.2
CAN	50.63	132	eP	21	36.20	1.9
BRS	50.91	121	P	21	39.70	3.2X
WAM	50.92	133	eP	21	37.40	1.1
MTD	71.72	254	eP	23	57.90	0.4
KRI	73.60	254	eP	24	12.00	3.4X
BUL	74.51	251	iP	24	13.60	-0.3
	0.8s		6.34nm		4.7mb	
MLR	85.86	316	eP	25	28.00	14.0X
SOB1	142.15	247	e(PKP)	32	04.00	-3.9X
TUL	144.81	29	ePKP	32	09.80	-1.9
	1.2s		22.70nm			
RLO	144.96	28	ePKP	32	11.00	-1.6
BDF	145.12	232	ePKPc	32	13.30	0.4
BHO	146.49	29	ePKP	32	15.80	1.2
JCT	146.62	40	ePKP	32	16.00	1.0
	0.9s		18.91nm			
	S.D. = 1.1		on 20 of 26 obs.			

* DEC 28, 1985 06h 56m 05.16± 1.04s
30.346 N ±16.7km 139.845 E ±10.6km
DEPTH = 33.0km (normol)
5.0mb (5 obs.)
SOUTH OF HONSHU, JAPAN (211)

MAT	6.33	348	iPd	57	39.60	1.0
	1.6s		100.00nm		5.3mb	X
			(S)	58	51.00	
CN2	17.64	324	Pc	00	09.00	-0.8
TIA	19.86	293	eP	00	36.20	-0.1
BJI	21.57	303	eP	00	54.00	0.2
WHN	21.97	277	eP	00	59.20	1.3
TIY	23.82	295	P	01	17.20	1.1
XAN	26.38	286	eP	01	34.60	-5.7X
			eS	06	38.00	
CD2	30.98	280	P	02	19.20	-2.5
PKI	47.33	281	eP	04	38.50	0.3
	1.0s		24.00nm		5.2mb	
KKN	47.38	281	eP	04	39.00	0.5
	0.9s		39.00nm		5.4mb	
DMN	47.58	281	eP	04	40.50	0.4
	0.9s		42.00nm		5.5mb	
COL	55.50	30	eP	05	39.00	0.1
INK	60.95	25	eP	06	16.00	-0.9
MBC	63.30	15	eP	06	32.00	-0.5
YKA	70.27	28	eP	07	17.50	0.7
SUF	73.38	334	iP	07	34.20	-1.1
	0.7s		3.30nm		4.4mb	
NB2	79.84	337	P	08	10.30	-1.2
	0.7s		3.20nm		4.4mb	
LRM	79.89	43	eP	08	13.70	1.3
	S.D. = 1.1		on 17 of 18 obs.			

* DEC 28, 1985 07h 27m 36.51± 3.15s
45.673 N ±20.1km 13.562 E ±17.2km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
DUR 2.4 (TRI), ML 2.7 (KBA).

TRI	0.15	76	iPgc	27	40.00	0.1
			iSg	27	46.40	
VOY	0.43	33	iPg	27	45.40	0.2
			iSg	27	54.80	
CEY	0.61	83	e(Pg)	27	48.90	0.1
			eSg	28	00.20	
LJU	0.77	61	iPg	27	51.30	-0.3
			eSg	28	05.50	
KBA	1.41	354	iPnc	28	02.40	0.0
			iPg	28	04.10	
			iSn	28	24.70	
			iSg	28	27.80	
	S.D. = 0.3		on 5 of 5 obs.			

DEC 28, 1985 07h 44m 38.20± 0.66s
56.580 N ± 3.5km 156.509 W ± 2.9km
DEPTH = 58.5 ± 5.6 km
5.3mb (61 obs.)
ALASKA PENINSULA (12)

SDN	2.56	243	eP	45	20.30	2.3
MID	6.11	58	eP	46	07.60	-0.4
PME	6.36	34	eP	46	10.20	-1.2
TTA	6.38	2	eP	46	13.80	2.1
COL	9.36	23	eP	46	50.00	-2.9
FBA	9.36	23	eP	46	52.00	-0.9
IMA	9.62	7	eP	46	59.00	2.4
DWY	11.27	41	P	47	18.00	-0.8
			Lg	49	28.00	
SIT	11.61	79	eP	47	20.00	-3.4X
BRW	14.78	360	eP	48	05.20	0.2
INK	15.71	32	ePd	48	16.10	-0.8
	0.6s		34.00nm		4.7mb	
PHC	18.12	97	eP	48	47.50	0.5
PGC	21.41	98	eP	49	23.00	0.4
YKA	21.73	57	eP	49	25.60	-0.1
YKC	21.79	57	ePd	49	25.50	-0.8
	1.0s		33.00nm		4.7mb	
PNT	23.16	93	ePd	49	41.00	1.2
	1.0s		34.00nm		4.7mb	
MBC	23.89	21	eP	49	47.00	0.3
	0.7s		57.00nm		5.2mb	
EDM	24.73	79	iPd	49	55.20	0.1
	0.8s		49.00nm		5.1mb	
NEW	25.11	92	eP	49	59.00	0.3
LBFM	27.00	110	eP	50	17.50	1.2
WDC	27.22	111	eP	50	18.70	0.6
SES	27.33	84	ePd	50	18.20	-0.9
			pP	50	38.00	87kmX
GAS	27.82	113	eP	50	24.50	0.8
MIN	27.87	111	eP	50	24.30	0.1
ORV	28.51	112	eP	50	29.30	-0.5
LRM	29.13	93	eP	50	35.10	-0.5
BMN	30.12	106	eP	50	43.50	-0.8
JAS1	30.29	113	eP	50	46.10	0.4
MNA	31.08	109	eP	50	53.20	0.4
FRI	31.37	113	eP	50	55.20	0.0
BDW	32.67	95	eP	51	06.50	-0.3
	0.8s		12.41nm		4.8mb	
ISA	33.03	113	eP	51	09.00	-0.8
SYP	33.17	116	eP	51	30.00	19.0X
SBB	34.12	113	eP	51	19.00	-0.2
GSC	34.17	112	eP	51	20.00	0.4
MWC	34.37	114	eP	51	22.00	0.5
RVR	34.90	114	eP	51	42.00	16.2X
TPC	35.49	112	eP	51	31.00	0.1
PLM	35.67	114	eP	51	32.00	-0.5
BAR	36.30	114	eP	51	38.00	0.3
			e	51	57.00	
GLA	36.94	112	eP	51	44.00	0.9
GOL	37.08	95	eP	51	44.50	0.1
	0.7s		3.64nm		4.4mb	
ALQ	39.93	101	eP	52	08.00	-0.2
	1.0s		2.50nm		4.0mb	X
			e	52	26.50	
ACO	42.65	93	eP	52	30.00	-0.3
	0.7s		7.80nm		4.6mb	
TUL	45.08	91	eP	52	53.00	3.1X
	1.0s		13.50nm		4.7mb	
LTX	45.75	104	eP	52	55.00	-0.3
			epP	53	14.00	77kmX
MDJ	46.16	288	Pd	52	57.10	-1.2
FVM	46.55	84	eP	52	58.50	-2.9
			epP	53	20.00	89kmX
BHO	46.72	91	eP	53	02.00	-0.8
JCT	46.95	99	eP	53	04.10	-0.6
	1.0s		37.50nm		5.3mb	
SCH	47.10	52	eP	53	04.00	-1.6
MAT	47.15	274	iPc	53	05.70	-0.5
	1.1s		27.85nm		5.1mb	
CN2	48.89	290	iPc	53	18.60	-1.8
SNY	51.26	289	Pc	53	37.50	-0.2
KEV	53.94	358	eP	53	55.00	-2.3
	0.8s		67.50nm		5.7mb	
SOD	56.34	359	iP	54	14.40	-0.3
BJI	56.38	293	eP	54	14.50	-0.9
HHC	58.09	297	Pc	54	28.00	0.4
TIA	58.78	289	eP	54	31.10	-1.2
BTO	59.04	298	eP	54	33.50	-0.7
KJF	59.51	358	iP	54	36.50	-0.4
	0.7s		22.70nm		5.4mb	
TIY	60.05	294	eP	54	41.70	0.6
NB2	62.32	7	P	54	55.50	-0.6
	0.7s		54.50nm		5.8mb	
NUR	63.25	359	iPc	55	01.40	-0.7
	0.6s		131.30nm		6.2mb	
HFS	63.37	5	eP	55	02.20	-0.7
	0.7s		63.50nm		5.8mb	
KONO	63.59	8	iP	55	04.50	0.1
WHN	64.64	287	P	55	10.00	-1.6
XAN	64.69	294	Pc	55	11.00	-1.0
GTA	64.83	304	iPc	55	11.80	-1.1
ELO	65.18	16	iPc	55	14.20	-0.6
	0.7s		21.00nm		5.2mb	
EDU	65.21	16	iPc	55	14.40	-0.5
EAB	65.35	17	iPc	55	15.40	-0.4
	0.7s		48.00nm		5.6mb	
EBH	65.42	16	iPc	55	16.00	-0.3
	0.7s		59.00nm		5.7mb	
LZH	65.59	299	P	55	17.00	-0.9
	1.5s		98.00nm		5.6mb	
EDI	65.79	16	ePc	55	18.40	-0.2
	0.7s		34.00nm		5.5mb	
EAU	65.82	16	iPc	55	19.00	0.1
ESY	65.88	16	eP	55	18.90	-0.3
EBL	65.95	16	iPc	55	19.60	-0.1
	0.9s		59.00nm		5.6mb	
EKA	66.36	16	Pc	55	22.10	-0.2
	1.0s		46.40nm		5.4mb	
ESK	66.37	16	ePd	55	22.40	0.1
	1.0s		80.00nm		5.7mb	
WMO	66.40	315	Pd	55	22.70	-0.1
MUD	66.72	9	iPd	55	24.80	0.3
	0.7s		46.00nm		5.6mb	
CD2	69.80	295	eP	55	44.00	-0.1
WIT	70.10	11	eP	55	46.50	1.0
WTS	70.92	11	ePc	55	51.00	0.5
	1.0s		66.00nm		5.5mb	
GZH	71.13	283	iPd	55	52.00	-0.2
UCC	71.82	13	P	55	57.00	1.1
GYA	71.93	291	Pc	55	56.80	-0.3
ENN	72.04	12	ePc	55	57.50	0.3
	1.0s		52.00nm		5.4mb	
SNF	72.09	13	Pc	55	57.60	0.1
CLL	72.13	7	iPc	55	57.50	-0.2
	1.7s		71.00nm		5.3mb	
MEM	72.20	12	Pc	55	58.20	0.1
DOU	72.54	13	Pc	56	00.30	0.1
BRG	72.62	6	iPc	56	00.50	-0.2
	1.1s		62.00nm		5.5mb	
MOX	72.69	8	iPc	56	01.50	0.4
	1.6s		93.00nm		5.5mb	
KSP	72.78	5	iPc	56	01.50	-0.1
	1.0s		49.00nm		5.4mb	
HOF	73.04	8	iPc	56	03.30	0.2
WLF	73.15	12	Pc	56	04.40	0.7
PRU	73.54	6	P	56	06.00	0.0

28d 07h

	1.4s	40.00nm			5.2mb
GRF	73.61	8 eP	56 07.20	0.8	
	1.0s	43.00nm			5.3mb
KRA	73.69	2 ePc	56 06.50	-0.4	
	0.7s	41.00nm			5.5mb
		e	56 26.50		
LPF	73.77	17 eP	56 07.60	0.3	
KHC	74.34	7 iPc	56 11.20	0.5	
	1.0s	57.00nm			5.5mb
CDF	74.51	11 iPc	56 12.00	0.2	
	0.9s	16.30nm			5.0mb
SPC	74.57	2 eP	56 13.00	0.8	
HAU	74.81	12 iPc	56 13.80	0.4	
	0.9s	16.30nm			5.0mb
BSF	75.03	12 iPc	56 15.00	0.2	
	0.9s	24.20nm			5.1mb
GRC	75.10	14 iPc	56 15.40	0.4	
FUR	75.13	8 iPc	56 15.60	0.3	
LOR	75.23	14 iPc	56 16.00	0.2	
	0.9s	24.50nm			5.1mb
SLE	75.27	10 ePc	56 15.80	-0.3	
MFF	75.30	17 iPc	56 16.60	0.4	
	1.0s	28.00nm			5.1mb
SSF	75.38	14 iPc	56 17.00	0.3	
	0.9s	32.70nm			5.3mb
ZST	75.46	4 iPc	56 16.90	-0.2	
LBF	75.52	14 iPc	56 17.40	-0.2	
	0.9s	21.20nm			5.1mb
AVF	75.63	14 iPc	56 18.40	0.3	
	0.8s	21.40nm			5.1mb
BHG	75.69	7 iPc	56 18.70	0.2	
BGF	75.79	15 iPc	56 19.20	0.2	
	0.8s	24.10nm			5.2mb
SMF	75.84	14 iPc	56 19.40	0.1	
	0.9s	25.20nm			5.1mb
SAX	75.86	10 ePd	56 20.40	0.6	
SRO	75.89	4 iP	56 20.50	1.0	
LSF	75.90	16 iPc	56 19.80	0.1	
	0.9s	37.60nm			5.3mb
TCF	75.96	15 iPc	56 20.00	0.0	
	0.9s	20.30nm			5.1mb
MZF	76.09	15 iPc	56 21.00	0.3	
	0.9s	16.30nm			5.0mb
LLS	76.21	10 eP	56 22.20	0.6	
KBA	76.36	7 iPc	56 23.10	0.6	
	1.0s	52.80nm			5.4mb
OSS	76.50	9 ePc	56 23.80	0.6	
RJF	76.82	16 eP	56 24.60	-0.2	
	0.9s	19.60nm			5.1mb
MMK	76.91	11 eP	56 26.50	0.9	
TMA	76.95	10 eP	56 26.10	0.4	
LFF	77.06	16 iPc	56 26.40	0.3	
	0.8s	48.30nm			5.5mb
CAF	77.27	15 iPc	56 27.40	0.0	
	1.0s	32.00nm			5.3mb
LPG	77.33	17 iPc	56 29.00	1.0	
	1.4s	45.30nm			5.3mb
LPO	77.38	16 iPc	56 28.00	0.1	
	0.8s	27.90nm			5.3mb
MLR	78.28	353 iPd	56 32.00	-1.0	
CLO	78.72	0 iPc	56 35.50	0.3	
EPF	78.86	17 iPc	56 35.80	-0.3	
	0.8s	12.00nm			4.9mb
SHL	80.01	301 iP	56 41.60	-1.2	
KKN	81.11	308 iPc	56 49.20	0.6	
VTS	81.19	0 iPd	56 49.00	0.6	
PKI	81.24	308 iPc	56 49.90	0.5	
DMN	81.34	308 iPc	56 50.80	1.0	
DIM	81.73	358 eP	56 52.00	0.8	
SKO	81.80	2 iPc	56 52.50	0.9	
	1.0s	80.00nm			5.7mb
LOE	81.95	289 eP	56 51.40	-1.4	
CHG	82.22	292 iPc	56 54.00	-0.2	
	0.8s	12.13nm			4.9mb
VAY	82.46	i iP	56 56.00	0.9	
OHR	82.65	2 eP	56 56.20	0.0	
KKM	83.50	271 ePc	57 01.50	0.6	
	1.0s	99.70nm			5.8mb
NDI	83.68	315 iPc	57 01.50	-0.1	
CRT	83.81	21 iPd	57 04.30	2.2	
MAL	84.08	22 iPc	57 06.00	2.6	
IR2	85.21	338 iPc	57 10.90	1.6	
CTA	90.17	232 iPd	57 33.10	0.1	
	1.0s	6.00nm			4.9mb
IPM	93.04	283 ePc	57 46.70	0.2	
HYB	93.14	308 ePc	57 46.50	-0.5	
	1.0s	30.00nm			5.7mb
WB2	95.57	242 eP	57 56.80	-1.1	
WRA	95.58	242 Pd	57 56.80	-1.1	
	0.3s	0.50nm			4.5mb
PSI	95.75	284 ePc	57 58.70	-0.2	
GBA	97.01	308 P	58 03.90	-0.7	
BNG	119.06	6 iPKPd	03 20.30	-1.5	
	0.9s	5.00nm			
		i	04 30.60		
MTD	139.80	348 ePKP	03 51.00	-10.2X	
KRI	140.05	351 ePKP	03 57.00	-4.7X	
BUL	143.42	352 iPKPd	04 03.90	-3.7X	
	1.0s	19.50nm			
WIN	145.70	11 ePKP	04 09.80	-1.7	
	0.6s	20.00nm			
SPA	146.40	180 iPKPc	04 11.30	0.1	
	0.7s	45.70nm			
SLR	148.99	352 iPKPc	04 17.30	0.7	
	0.7s	50.00nm			
BPI	149.44	352 ePKP	04 20.00	2.7	
	0.7s	36.99nm			

S.D. = 0.9 on 161 of 168 obs.

? DEC 28, 1985 08h 44m 33.26± 2.69s
32.534 S ± 9.3km 70.173 W ±29.0km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

RTCV	1.54	65 iPc	44 59.30	0.5	
ZON	1.61	53 eP	45 00.00	0.3	
RTLL	1.88	51 iPc	45 03.60	-0.1	
		S	45 23.50		
CFA	1.88	61 iPc	45 03.10	-0.7	
		S	45 24.00		
RFA	2.65	148 ePd	45 14.60	0.0	
VCA	4.15	25 ePd	45 36.00	0.0	
		S	46 21.00		

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

• DEC 28, 1985 09h 09m 16.73± 0.63s
28.166 N ±10.1km 140.629 E ± 9.9km
DEPTH = 33.0km (normal)
4.7mb (1 obs.)
BONIN ISLANDS REGION (212)

CBI	1.74	128 P	09 46.00	0.9	
		eS	10 08.00		
MAT	8.60	347 eP	11 23.00	1.1	
	1.2s	35.94nm			5.4mb X
		eS	13 09.00		
SHK	9.30	315 eP	11 30.00	-1.5	
SSE	17.15	285 P	13 16.00	0.5	
	6.0s	0.90nm			2.1mb X
	N 10s	0.40um			
		S	16 24.00		
		sS	16 30.00		
		SS	16 47.00		
DL2	19.08	309 eP	13 39.00	-0.2	
NJ2	19.23	287 Pc	13 44.00	3.1X	
SNY	19.47	319 eP	13 34.00	-9.6X	
CN2	19.81	326 Pd	13 45.00	-2.2	
QZH	19.97	266 eP	13 52.00	2.9X	
TIA	21.41	298 eP	14 02.80	-1.1	
BAG	21.89	242 eP	14 10.00	1.0	
		eS	18 14.00		
WHN	23.01	282 Pd	14 23.00	3.3X	
BJI	23.38	307 eP	14 22.50	-0.7	
		eS	18 38.00		
		eSS	19 23.00		
TIY	25.43	299 P	14 44.60	1.5	
XAN	27.71	290 P	15 03.40	-0.6	
BTO	28.00	304 P	15 09.00	2.4	
		eS	19 49.00		
CD2	32.10	284 P	15 41.70	-1.5	
GTA	35.45	299 eP	16 08.60	-3.6X	
WB2	48.21	188 eP	17 55.20	-1.0	
		e	17 56.60		
WRA	48.21	188 Pd	17 54.60	-1.6	
	0.8s	6.80nm			4.7mb
PKI	48.45	283 eP	18 00.10	1.6	
KKN	48.51	283 eP	18 00.50	1.7	
BOM	62.17	278 eP	19 31.00	-6.4X	
		eS	27 46.00		
YKA	71.86	28 eP	20 38.30	0.4	
YKC	71.92	28 eP	20 38.00	-0.3	
LRM	81.03	43 eP	21 29.70	-0.3	
ZOBO	150.95	72 PKPd	29 10.80	7.8X	
LPB	151.09	73 ePKP	29 10.00	7.0X	
CNCB	151.32	73 PKP	29 11.20	7.6X	
CCH	153.14	72 (PKP)	29 20.00	14.2X	

S.D. = 1.4 on 20 of 30 obs.

• DEC 28, 1985 09h 46m 35.74± 0.94s
7.151 S ± 8.9km 146.827 E ±11.3km
DEPTH = 33.0km (normal)
3.3mb (1 obs.)
EAST PAPUA NEW GUINEA REGION (207)

LAT	0.52	19 iPc	46 46.40	-0.3	
MDG	2.16	331 eP	47 16.50	6.4X	
LMG	2.18	143 eP	47 10.00	-0.6	
PMG	2.27	172 eP	47 10.50	-1.1	
ALOA	4.70	132 eP	47 47.50	1.3	
WB2	17.56	222 eP	50 40.10	0.4	
WRA	17.56	222 P	50 40.00	0.2	
	0.5s	1.40nm			3.3mb

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

DEC 28, 1985 10h 28m 44.78± 0.66s
5.849 S ± 3.9km 154.250 E ± 3.5km
DEPTH = 50.1 ± 6.2 km
5.4mb (24 obs.)
SOLOMON ISLANDS (193)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 21C
Centroid Location:
Origin Time 10:28:50.9 0.5
Lat 5.78S 0.08 Lon 153.90E 0.09
Dep 43.5 6.5 Half-duration 1.5
Moment Tensor; Scale 10**23 D-CM
Mrr= 7.20 0.41 Mtt=-2.45 0.73
Mff=-4.74 0.67 Mrt=-2.06 0.85
Mrf=-0.19 1.03 Mtf= 4.96 0.47
Principal Axes:
T Val= 7.75 Plg=74 Azm=155
N 1.02 15 320
P -8.77 4 51
Best Double Couple:Mo=8.3*10**23
NP1:Strike=157 Dip=43 Slip= 113
NP2: 307 51 70

BGA	0.97	108 iPd	29 02.00	-0.4	
		eS	29 30.00		
PAA	1.31	110 iPd	29 06.00	-1.1	
		eS	29 23.00		
BIAL	3.23	279 iPd	29 35.90	1.6	
ALOA	5.85	221 eP	30 09.00	-2.2	
VSG	6.38	122 eP	30 20.00	1.3	
		eS	31 40.00		
SVO	6.42	121 eP	30 19.00	-0.1	
HNR	6.67	123 eP	30 24.00	1.3	
		eS	31 38.00		
PMG	7.87	243 iPd	30 39.00	-0.4	
MDG	8.45	274 eP	30 50.50	3.1X	
CTA	16.15	208 iPd	32 31.20	1.2	
	1.2s	45.31nm			4.5mb
		iS	35 34.00		
DZM	19.98	145 iPc	33 14.30	-1.7	
NOU	20.17	145 iPc	33 16.50	-1.4	
ISO	20.54	223 eP	33 22.00	0.3	
RMQ	21.18	194 eP	33 29.00	0.7	
GUA	21.38	334 eP	33 31.30	1.1	
	1.0s	224.00nm			5.5mb
GUMO	21.44	334 eP	33 30.60	-0.3	
PJG	21.44	334 eP	33 31.20	0.3	
BRS	21.47	184 P	33 28.00	-3.2X	
		eS	37 31.00		
WB2	23.88	232 iPd	33 56.20	1.3	
		e	41 11.80		
WRA	23.89	232 Pd	33 56.40	1.4	
	0.7s	23.50nm			4.8mb
COO	24.70	185 eP	34 03.00	0.3	
	0.9s	139.00nm			5.5mb
ASPA	26.41	226 iPd	34 19.00	0.3	
CMS	26.70	196 eP	34 20.00	-1.2	
STK	28.48	203 eP	34 36.00	-1.4	
YOU	28.81	190 eP	34 40.10	-0.2	
		iPcP	37 48.70		
CAN	29.73	189 iPc	34 48.40	-0.2	
WAM	30.60	189 iPc	34 56.50	0.3	
ADE	32.33	204 iPc	35 10.80	-0.7	
BFD	32.96	197 iPd	35 16.60	-0.3	
KRP	37.34	152 P	35 54.80	0.6	
PPR	38.64	294 ePc	36 09.00	3.6X	

	1.0s	97.00nm		5.6mb		
MAN	38.69	302 eP	36 06.10	0.3		
GNZ	39.11	150 P	38 09.20	0.2		
TCW	39.50	156 Pd	36 12.10	-0.1		
MEK	39.79	235 eP	36 15.00	0.1		
	0.8s	29.00nm		5.3mb		
BAG	39.98	304 eP	36 17.00	0.3		
MSZ	40.48	165 P	36 22.50	2.3		
NAU	40.90	242 eP	36 25.00	1.0		
KLB	42.67	228 eP	36 38.00	-0.4		
MUN	44.01	229 eP	36 48.60	-0.7		
RKG	44.45	226 eP	36 55.40	2.6X		
MAT	44.77	342 (P)	36 53.00	-2.3		
		(S)	38 34.00			
SSE	48.45	321 eP	37 24.60	0.2		
QIZ	50.24	301 P	37 39.80	1.5		
NJ2	50.56	320 Pd	37 41.80	1.3		
KGM	51.46	277 iPd	37 48.60	0.9		
WHN	52.61	316 Pc	37 55.50	-0.5		
PPI	54.01	274 ePc	38 06.70	0.1		
	0.7s	128.70nm		6.1mb		
IPM	54.15	280 ePc	38 06.90	-0.7		
	0.8s	55.20nm		5.6mb		
		e	39 11.90			
TIA	54.41	323 eP	38 08.00	-1.2		
MDJ	54.91	339 eP	38 11.40	-1.3		
CN2	55.85	335 Pc	38 18.00	-1.5		
PSI	55.90	277 iPd	38 20.20	-0.2		
	0.6s	29.60nm		5.5mb		
GYA	56.17	307 P	38 22.60	0.3		
LOE	56.78	295 eP	38 26.00	-0.6		
PMO	57.48	104 eP	38 31.00	-0.5		
	1.0s	30.00nm		5.3mb		
BJI	57.56	326 eP	38 30.50	-1.2		
TPT	57.75	104 eP	38 33.00	-0.4		
	1.0s	20.00nm		5.2mb		
VAH	57.75	104 eP	38 33.00	-0.4		
	1.0s	25.00nm		5.3mb		
RUV	57.98	104 eP	38 34.00	-1.1		
	1.0s	25.00nm		5.3mb		
TIY	58.24	322 eP	38 35.00	-1.6		
XAN	58.37	316 iPc	38 36.90	-0.7		
KMI	58.77	304 iPc+	38 41.50	0.8		
CHG	59.74	296 iPc	38 48.00	0.7		
	0.9s	12.60nm		5.0mb		
CD2	60.51	310 P	38 52.70	0.3		
ADK	62.64	20 eP	39 09.00	2.7X		
LZH	62.98	316 P	39 09.00	-0.1		
	1.2s	52.00nm		5.5mb		
		pP	39 20.00	36kmX		
GTA	67.40	317 iPc	39 37.50	0.0		
SHL	68.08	300 iP	39 42.00	-0.1		
LSA	70.02	304 iPc	39 54.20	0.0		
SBA	72.26	177 iP	40 07.00	0.7		
	1.3s	38.46nm		5.2mb		
PKI	74.21	301 iPc	40 19.30	0.3		
KKN	74.37	301 iPc	40 20.30	0.5		
DMN	74.48	301 iPc	40 21.20	0.7		
WMQ	77.49	317 P	40 36.50	-0.4		
KOD	78.11	282 eP	40 41.50	0.4		
HYB	78.20	289 iPc	40 40.50	-0.7		
	1.0s	60.00nm		5.6mb		
TTA	78.22	21 eP	40 40.50	0.0		
GBA	78.64	285 P	40 43.80	0.2		
PME	80.11	24 eP	40 49.50	-1.1		
	1.0s	75.00nm		5.6mb		
IMA	80.97	19 eP	40 55.20	-0.1		
NDI	81.50	300 iPc	40 57.70	-1.0		
	0.5s	42.25nm		5.7mb		
COL	82.32	21 iP	41 00.70	-1.5		
FBA	82.32	21 eP	41 00.50	-1.7		
	1.0s	75.00nm		5.7mb		
POO	82.79	289 iPc	41 05.70	0.1		
SPA	84.19	180 eP	41 11.60	-0.4		
	1.0s	166.00nm		6.0mb		
INK	88.92	21 eP	41 33.00	-1.8		
		pP	42 00.00	101kmX		
SYP	89.80	55 eP	41 44.00	4.1X		
JAS1	89.88	52 P	41 41.00	1.0		
ISA	91.16	54 eP	41 48.00	2.0		
PAS	91.24	56 eP	41 48.00	1.7		
MWC	91.35	56 eP	41 47.00	0.0		
CWC	91.56	54 eP	41 49.00	1.0		
SBB	91.59	55 eP	41 51.00	3.0X		
PNT	91.87	41 eP	41 50.00	1.1		
	0.5s	3.00nm		5.0mb		
RVR	91.89	56 eP	41 52.00	2.7X		

PLM	92.25	57 eP	41 53.00	1.8		
BAR	92.34	58 eP	41 53.00	1.5		
GSC	92.48	55 eP	41 52.00	-0.1		
BMN	92.63	50 P	41 53.30	0.5		
TPC	92.99	56 eP	41 56.00	1.6		
NEW	93.41	42 P	41 55.00	-1.0		
GLA	93.92	57 eP	42 01.00	2.3		
MBC	94.78	14 eP	42 03.00	1.2		
YKA	95.68	28 eP	42 05.90	-0.2		
YKC	95.74	28 eP	42 05.00	-1.3		
	0.7s	6.00nm		5.2mb		
EDM	96.08	37 ePd	42 07.50	-0.7		
SES	97.47	40 eP	42 16.00	1.5		
BDW	98.48	48 P	42 18.00	-1.5		
ALQ	100.94	56 ePdiff	42 33.00	2.2		
	1.0s	3.00nm		4.9mb		
HFS	118.17	339 ePKP	47 28.70	1.0		
	0.7s	2.40nm				
NB2	118.38	341 PKP	47 29.40	1.3		
	0.7s	1.60nm				
MTD	119.04	247 ePKP	47 30.00	-0.7		
BUL	120.66	243 ePKP	47 32.50	-1.3		
KRI	120.82	247 ePKP	47 33.30	-0.9		
LSZ	122.59	248 iPKP	47 38.00	0.5		
ZST	124.28	327 ePKP	47 46.00	6.2X		
BRG	124.29	331 iPKP	47 42.00	2.3X		
CLL	124.46	332 ePKP	47 43.00	3.0X		
	0.9s	10.00nm				
KMZ	125.31	249 iPKP	47 43.90	1.0		
	1.0s	6.30nm				
KHC	125.58	329 ePKP	47 45.00	2.7X		
CNCB	132.57	119 PKP	47 41.00	-16.2X		
LPB	132.58	119 ePKP	47 38.00	-19.1X		
ZOBO	132.67	118 PKPc	47 57.00	-0.4		
BNG	135.87	270 ePKPc	47 47.10	-15.8X		
	0.6s	5.00nm				
		i	48 03.90			
VAO	144.61	145 ePKP	48 16.80	-1.6		
ITA	146.37	147 ePKP	48 20.00	-1.7		
		e	48 27.30			
		e	48 35.70			
BMA	146.40	148 ePKP	48 21.00	-0.4		
IFR	146.46	328 iPKP	48 25.50	4.1X		
BDF	149.37	135 ePKPc	48 26.00	-0.4		
		i	48 29.40			
ATB	152.05	108 PKPd	48 35.10	4.8X		
SOB1	158.75	135 ePKP	48 33.80	-5.3X		
ITR	160.76	139 e(PKP)	48 37.00	-4.2X		
	S.D. = 1.1	on 114 of 133 obs.				
?	DEC 28, 1985	11h 10m 09.18± 1.11s				
	57.491 N ±27.1km	33.390 W ±19.8km				
	DEPTH = 10.0km	(geophysicist)				
NORTH ATLANTIC OCEAN				(402)		
FRB	18.16	305 eP	14 21.00	-1.6		
TOL	25.87	120 eP	15 42.00	-0.4		
YKA	38.40	312 eP	17 32.30	0.6		
INK	41.75	327 eP	18 00.00	0.6		
RLO	45.40	269 e(P)	18 28.00	-1.4		
TUL	46.01	270 eP	18 35.80	1.6		
	1.3s	20.40nm		5.0mb		
JCT	52.31	269 eP	19 22.00	-1.0		
ALQ	52.48	278 eP	19 26.00	1.7		
	S.D. = 1.5	on 8 of 8 obs.				
•	DEC 28, 1985	11h 12m 39.89± 0.45s				
	57.410 N ±14.2km	33.470 W ± 7.5km				
	DEPTH = 10.0km	(geophysicist)				
	4.7mb (9 obs.)					
NORTH ATLANTIC OCEAN				(402)		
FRB	18.17	305 eP	16 53.00	-0.5		
GRR	21.45	101 eP	17 34.80	4.7X		
	1.0s	28.00nm		4.6mb		
LPF	21.57	102 eP	17 33.80	2.5		
	1.0s	28.00nm		4.6mb		
DOU	23.41	92 P	17 53.70	4.3X		
TCF	24.40	102 eP	17 57.80	-1.3		
BGF	24.56	101 eP	17 54.00	-6.6X		
LBF	24.90	99 eP	18 03.00	-0.9		
	1.0s	12.80nm		4.6mb		
BSF	25.89	94 eP	18 18.00	4.6X		
	1.0s	9.60nm		4.4mb		
MOX	26.91	85 eP	18 26.00	3.4X		
CLL	27.31	83 e(P)	18 39.00	12.8X		
MBC	34.34	335 eP	19 29.00	1.0		

SKO	37.60	90 e(P)	19 55.00	-1.1		
YKC	38.37	312 eP	20 02.00	-0.3		
	0.9s	13.00nm		4.7mb		
YKA	36.42	312 eP	20 02.70	0.0		
INK	41.80	327 eP	20 29.00	-1.4		
SES	43.89	296 eP	20 48.00	0.1		
RLO	45.36	270 e(P)	21 03.30	3.5X		
TUL	45.97	270 eP	21 08.00	3.5X		
	1.2s	26.40nm		5.1mb		
LRM	47.67	292 eP	21 18.50	0.3		
NEW	48.27	297 eP	21 25.00	2.4		
COL	48.28	329 eP	21 27.00	4.6X		
PNT	48.73	300 eP	21 26.00	-0.1		
	0.8s	10.00nm		4.9mb		
JCT	52.27	269 eP	21 51.60	-1.7		
	1.0s	10.50nm		4.7mb		
GSC	57.65	286 eP	22 34.00	1.6		
TPC	58.17	284 eP	22 36.00	-0.1		
ISA	58.23	287 eP	22 42.00	5.5X		
GLA	58.35	283 eP	22 37.00	-0.3		
SBB	58.65	286 eP	22 44.00	4.6X		
MWC	59.13	286 eP	22 46.00	3.1X		
PLM	59.18	285 eP	22 48.00	4.7X		
BAR	59.61	284 eP	22 46.00	-0.1		
SYP	59.89	288 eP	22 44.00	-4.1X		
BNG	66.63	121 iPc	23 34.00	1.4		
	0.6s	6.00nm		5.0mb		
GTA	75.86	36 P	24 27.90	0.0		
ZOBO	78.84	214 P	24 43.90	-1.2		
		LR	32 40.00			
BJI	79.61	23 eP	24 48.00	-0.3		
TIY	80.98	27 eP	24 55.40	-0.4		
GYA	89.99	35 P	25 40.60	-0.2		
SPA	147.23	180 ePKPd	32 21.50	0.4		
	1.0s	5.00nm				
	S.D. = 1.1	on 25 of 39 obs.				
•	DEC 28, 1985	12h 24m 37.12± 1.53s				
	24.723 N ± 8.9km	121.825 E ±22.5km				
	DEPTH = 10.0km	(geophysicist)				
TAIWAN				(244)		
TWC	0.12	169 iPc	24 40.00	0.0		
		eS	24 41.50			
TATO	0.40	309 iP	24 45.20	0.0		
		iS	24 51.00			
TWZ	0.43	329 iPc	24 46.00	0.0		
ANP	0.54	329 iPc	24 48.00	0.0		
	0.8s	835.82nm				
		eS	25 04.00			
TWD	0.67	198 iPc	24 50.50	0.0		
	S.D. = 0.0	on 5 of 5 obs.				
•	DEC 28, 1985	12h 25m 17.96± 2.58s				
	24.726 N ± 9.9km	121.873 E ±31.5km				
	DEPTH = 10.0km	(geophysicist)				
TAIWAN				(244)		
TWC	0.12	191 iP	25 21.00	0.1		
		eS	25 22.50			
TATO	0.43	305 iP	25 26.80	0.1		
		iS	25 32.00			
TWZ	0.46	324 iPc	25 27.00	-0.2		
		eS	25 33.40			
ANP	0.56	325 eP	25 29.50	0.2		
TWD	0.69	202 iPd	25 31.50	-0.1		
	S.D. = 0.2	on 5 of 5 obs.				
•	DEC 28, 1985	12h 35m 43.00± 0.95s				
	18.583 S ± 8.4km	69.815 W ±11.0km				
	DEPTH = 135.5 ± 42.9 km					
NORTHERN CHILE				(123)		
CNCB	2.48	45 iP	36 23.90	-0.4		
		S	36 55.00			
LPB	2.62	39 eP	36 18.00	-7.9X		
		i	36 25.80			
		iS	38 58.00			
ARE	2.65	323 iPc	36 27.00	0.8		
		iS	37 02.00			
ZOBO	2.81	35 iPd	36 28.00	-0.5		
	0.4s	50.55nm				
		i	36 39.00			
		S	37 08.00			
CCH	3.69	72 iPc	36 39.50	-0.4		
CAC	3.95	169 iPc	36 43.60	0.4		
TPZ	4.80	127 iPc	36 56.40	1.6		

28d 12h

			S	37 55.00				1.1s	12.82nm		5.0mb		SHL	162.92	67	ePKP	43 44.20	1.2
ANT	5.13	186	eP	36 57.30	-1.5		BAR	68.31	319	eP	34 45.00	2.4X	XAN	165.88	1	PKP	43 45.30	0.1
NNA	9.43	313	eP	37 57.00	0.0		PLM	68.89	320	eP	34 45.00	-1.4		S.D. = 1.1		on	84 of 111 obs.		
			eS	39 55.00			KIC	69.83	75	iPc	34 51.30	-1.0							
	S.D. = 1.2		on	8 of 9 obs.				1.0s	80.00nm		5.8mb		•	DEC 28, 1985 13h 44m 07.84± 0.84s					
							GSC	70.20	321	eP	34 55.00	0.8		20.126 S ± 8.1km		70.983 W ±13.3km			
	DEC 28, 1985 13h 23m 41.13± 0.23s						MWC	70.21	320	eP	34 55.00	0.6		DEPTH = 33.0km (normal)					
	19.871 S ± 4.7km			70.641 W ± 6.1km			SPA	70.25	188	iPc	34 54.00	-0.2		4.3mb (1 obs.)					
	DEPTH = 24.1km (4 depth phases)							0.7s	13.67nm		5.2mb			NEAR COAST OF NORTHERN CHILE				(122)	
	5.2mb (22 obs.)			4.3Msz (1 obs.)			SBB	70.38	320	eP	34 55.00	-0.3							
	NEAR COAST OF NORTHERN CHILE				(122)		ISA	71.43	320	eP	35 05.00	3.3X	CAC	2.97	142	iP	44 55.80	1.8
							SYP	71.60	319	eP	35 05.00	2.2X	ANT	3.60	172	iP	45 01.80	-0.9
CAC	3.00	150	iPc	24 29.10	0.7		CWC	71.73	321	eP	35 05.00	1.5	ARE	3.68	352	eP	45 02.00	-2.0
ARE	3.49	346	iPc	24 35.10	-0.3		BDW	71.91	331	P	35 04.00	-0.6	CNCB	4.36	41	eP	45 15.00	1.0
ANT	3.82	177	iPd	24 36.30	-3.5X			1.3s	8.68nm		4.6mb					i	45 23.00		
	0.5s	77.46nm					BMN	74.01	325	P	35 18.00	1.2	LPB	4.50	38	Pc	45 17.00	1.0
CNCB	3.96	40	iP	24 49.00	6.7X		JAS1	74.11	321	P	35 17.30	0.0				i	45 23.50		
			i	24 52.20			LRM	75.58	331	eP	35 26.50	0.6				(S)	46 12.00		
LPB	4.11	36	Pc	24 49.70	5.3X		SES	78.51	335	ePc	35 41.30	-0.6				LR	46 58.00		
			i	24 51.10			NEW	79.53	330	eP	35 47.00	-0.4	ZOBO	4.70	36	Pd	45 19.90	1.0
			iS	25 59.00			WIN	80.61	111	eP	35 52.00	-2.0				i	45 32.10		
			LR	26 16.00				1.0s	20.00nm		5.1mb					LR	46 42.00		
ZOBO	4.31	34	iPd+	24 53.20	5.9X		SUR	80.80	121	eP	35 56.20	1.3	TPZ	5.10	106	iP	45 30.10	5.7X
TPZ	4.88	110	Pc	25 01.70	6.5X			0.5s	21.13nm		5.4mb		CCH	5.34	60	P	45 34.00	6.4X
CCH	4.93	61	P	25 03.70	7.8X		PNT	81.44	330	eP	35 58.00	0.5	SLA	6.84	133	e(P)	45 48.00	-0.6
			i	25 09.00				0.7s	10.00nm		5.0mb		NNA	9.86	324	eP	46 31.50	1.1
SLA	6.79	136	ePc	25 23.00	1.0		EDM	81.61	336	ePc	35 57.50	-0.8	VAO	22.51	102	eP	48 56.50	-9.7X
VCA	9.11	166	ePd	25 52.00	-2.2		MAL	84.05	48	iPd	36 13.50	2.3X				e	49 06.00		
			S	28 02.00			TOL	85.88	45	eP	36 22.00	1.7	ITA	24.59	100	iPd	49 24.70	-2.0
NNA	9.85	322	eP	26 04.00	-0.4		YKC	89.07	341	ePc	36 35.00	-0.2	SOB1	31.01	74	eP	50 21.40	-3.4X
			e	26 12.50				0.7s	12.00nm		5.3mb		ITR	33.42	75	eP	50 38.80	-7.1X
			e	28 00.00			YKA	89.12	341	eP	36 35.50	0.1	SPA	70.00	180	iPd	55 20.10	2.0
ZON	11.76	172	eP	26 36.00	5.5X		SLR	89.18	117	eP	36 36.60	-0.2		0.9s	2.73nm		4.3mb		
PEL	13.22	180	eP	26 49.80	-1.0			0.6s	16.67nm		5.5mb		KIC	70.21	75	eP	55 17.80	-2.2
			e(S)	30 00.00			EPF	90.28	44	eP	36 42.60	1.3	EDM	81.71	336	eP	56 23.50	-0.7
BACH	13.43	179	eP	26 51.50	-1.2		BNG	90.73	86	iPd	36 45.30	1.3	YKA	89.26	341	eP	57 01.90	0.5
RFA	14.97	173	ePc	27 14.30	1.4			0.6s	7.00nm		5.1mb			S.D. = 1.6		on	13 of 18 obs.		
ITB1	15.78	110	Pc	27 28.90	5.5X				i		36 52.30	22km							
ITB	15.97	111	eP	27 25.60	-0.4		LFF	91.40	42	eP	36 47.00	0.7		DEC 28, 1985 15h 14m 58.32± 0.50s					
ITB7	16.08	112	e(P)	27 31.70	4.3X			1.0s	28.00nm		5.6mb			13.649 S ± 4.9km		166.844 E ± 8.7km			
OUR	21.05	338	e(P)	28 36.40	10.0X		BUL	91.52	112	iPd	36 48.80	1.1		DEPTH = 33.0km (normal)					
PSO	21.93	342	eP	28 36.50	1.2			0.9s	7.14nm		5.0mb			5.1mb (10 obs.)					
BDF	22.05	83	eP	28 34.50	-1.6		LPO	91.57	43	eP	36 47.80	0.7		VANUATU ISLANDS				(186)	
			i	28 36.00	5kmX		GRR	92.01	39	eP	36 57.60	8.6X							
			i	28 41.50			RJF	92.06	42	eP	36 49.60	0.2	PVC	4.31	161	iPc	16 13.30	10.1X
VAO	22.25	102	iP	28 38.10	0.1		CAF	92.24	43	eP	36 50.00	-0.3				iS	17 08.50		
			e	28 40.50	9kmX		BGF	93.44	42	eP	36 56.00	0.3	HNR	7.95	301	eP	16 54.00	-0.5
			e	28 47.50				1.0s	14.00nm		5.3mb					eS	17 23.00		
ITA	24.32	100	eP	28 56.90	-1.6		KRI	93.63	109	iPd	37 00.00	2.6X	SVO	8.21	302	eP	16 59.00	0.8
			e	28 58.00	4kmX		SMF	94.10	42	eP	36 59.00	0.3				eS	18 26.00		
			e	29 04.70				1.0s	12.00nm		5.3mb		VSG	8.24	301	eP	16 59.00	0.4
ATB	24.39	50	e(P)	28 59.10	0.3		LOR	94.37	41	eP	37 01.00	1.0				eS	18 28.00		
BOG	24.57	352	eP	29 03.00	2.0			1.0s	6.80nm		5.0mb		DZM	8.38	183	iPd	17 00.00	-0.6
			eS	33 23.00			UCC	96.12	38	P+	37 21.00	13.2X				iS	18 36.00		
BMA	24.83	101	eP	29 02.20	-0.9		BSF	96.41	41	eP	37 09.20	-0.3	NOU	8.62	182	iPc	17 04.20	0.4
CHN	25.16	348	eP	29 08.80	1.6			1.0s	8.00nm		5.1mb					iS	18 37.00		
RDJ	25.69	102	eP	29 18.20	7.0X		WLF	96.73	40	Pc	37 22.00	11.4X	BRS	18.96	222	iPd	19 21.40	1.8
UPA	29.98	342	ePd	30 08.00	17.9X		CDF	96.93	41	eP	37 12.00	0.3	CTA	20.71	249	iPc	19 38.90	0.4
	1.0s	38.00nm						1.0s	8.00nm		5.2mb			0.9s	11.76nm		4.3mb		
	Z 18s	0.69um		4.3Msz			INK	98.87	340	eP	37 19.00	-0.9	RMQ	21.22	230	iPc	19 45.20	1.5
			e	34 30.00			IR2	126.66	60	ePKP	42 44.00	-0.6	CMS	26.22	224	eP	20 32.00	-0.1
SOB1	30.63	74	eP	29 54.60	-1.4		WB2	133.47	213	ePKP	42 55.50	-2.4		0.6s	49.00nm		5.3mb		
			e	30 01.00	22km					e	46 23.90		YOU	26.49	216	iPc	20 35.60	1.0
ITR	33.05	75	eP	30 15.70	-1.4		WRA	133.47	213	PKP	42 59.00	1.1	CAN	26.92	214	iPc	20 39.00	0.5
			e	30 23.20	26km			0.6s	1.50nm				WAM	27.64	213	iPc	20 45.90	0.9
			e	30 37.00			KSH	145.32	48	iPKPc	43 20.00	1.1	STK	29.40	228	iPd	21 01.40	0.5
CAI	35.12	72	eP	30 35.50	0.5		POO	146.48	86	ePKP	43 22.50	1.2	WB2	31.69	254	eP	21 19.20	-2.1
SJG	38.00	7	iPc	30 57.40	-1.8		KOD	147.80	103	ePKP	43 27.00	3.1X	WRA	31.70	254	Pc	21 19.40	-2.0
JCT	57.38	330	eP	33 28.50	-1.6		GBA	148.84	97	PKP	43 26.00	0.9		0.5s	3.90nm		4.5mb		
	1.0s	10.00nm		4.8mb			NDI	149.49	67	iPKPc	43 31.50	5.7X	BFD	31.92	218	eP	21 23.00	-0.1
BLA	57.52	351	P	33 30.00	-0.9			0.4s	55.08nm				ASPA	32.69	247	iPc	21 28.20	-1.8
LTX	58.37	326	P	33 36.30	-0.8		MAT	149.79	309	iPKPc	43 30.60	4.6X	WBN	39.69	245	iPc	22 29.10	-0.3
	1.1s	3.53nm		4.3mb				0.7s	19.18nm					0.6s	17.00nm		5.0mb		
BHO	58.67	337	eP	33 38.50	-0.5		WMQ	150.03	32	PKP	43 26.90	0.7	MEK	46.89	246	eP	23 27.00	-0.7
RLO	60.32	337	eP	33 49.40	-0.9		MDJ	150.14	330	PKP	43 30.90	4.7X		0.4s	19.00nm		5.4mb		
TUL	60.38	337	eP	33 49.50	-1.2		HYB	150.73	98	ePKP	43 28.50	0.6	KLB	48.27	240	eP	23 37.20	-1.2
	1.3s	95.90nm		5.8mb				1.0s	50.00nm				NWAO	48.96	238	eP	23 43.00	-0.7
SIO	60.42	336	eP	33 49.70	-1.3					e	43 33.50		NAU	49.40	252	eP	23 47.10	-0.1
FVM	60.48	342	P	33 49.30	-2.1		CN2	152.60	334	PKP	43 33.40	3.5X	MUN	49.64	240	eP	23 48.00	-1.0
ALQ	64.26	328	eP	34 16.80	-0.9		DMN	156.53	66	ePKP	43 38.20	2.1	MAT	56.76	333	iPc	24 40.20	-1.4
	1.8s	45.45nm		5.3mb			KKN	156.63	66	ePKP	43 37.00	0.8	MDJ	67.14	332	eP	25 51.10	0.2
OTT	65.11	356	eP	34 21.00	-0.9		PKI	156.80	66	ePKP	43 37.20	0.6	IPM	67.77	281	ePd	25 55.70	0.2
MNT	65.11	358	iPc	34 22.20	0.3		HHC	159.01	355	PKP	43 41.00	2.6X	CN2	68.51	329	Pc	25 59.50	-0.1
	1.0s	106.00nm		5.9mb			BJI	159.06	345	ePKP	43 39.00	0.7	PSI	69.26	278	eP	26 05.00	0.2
			pP	34 30.50	27km		PSI	160.12	148	ePKPd	43 40.30	0.1	GYA	70.76	305	P	26 14.00	0.1
SLA	67.45	321	eP	34 40.00	2.8X		TIY	162.07	352	ePKP	43 43.60	2.8	BJI	71.17	321	eP	26 16.00	0.1
SDL	67.55	332	P	34 37.30	-0.7		TIA	162.35	339	ePKP	43 42.60	0.7	TIY	72.19	317	eP	26 23.00	0.9

XAN	72.66	313	P	26	25.00	0.0	ALOA	16.05	279	eP	44	51.50	3.0X				e	53	57.50	
CHG	74.26	294	iPc	26	35.80	1.3	BRS	19.09	220	P	45	22.50	-3.8X	PPR	52.63	293	ePc	50	17.30	0.4
	0.9s	10.08nm			4.8mb					i	45	31.00		OCP	52.80	300	eP	50	25.00	6.9X
CD2	75.03	308	eP	26	39.70	0.9				e	47	14.00		MAN	52.81	300	eP	50	16.00	-2.1
SPA	76.44	180	ePd	26	45.70	-0.6				eS	49	03.00		TRT	53.18	270	iPd	50	19.50	-1.5
	1.0s	5.00nm			4.5mb		LAT	20.27	287	eP	45	40.00	0.9		1.0s	90.00nm			5.7mb	
COL	85.45	18	eP	27	33.00	-0.6	CTA	20.57	248	iPd-	45	42.90	0.7	KKM	53.48	288	ePc	50	22.10	-1.1
PKI	88.82	299	eP	27	51.60	0.4		1.6s	236.67nm			5.3mb			1.2s	137.40nm			5.8mb	
	0.6s	24.00nm			5.7mb					iS	49	10.00		BAG	54.09	302	eP	50	27.70	-0.1
KKN	88.99	299	eP	27	52.50	0.7	RMQ	21.27	229	eP	45	50.00	0.7				eS	58	04.00	
	0.6s	27.00nm			5.8mb			0.9s	996.00nm			6.2mb		KYS	54.22	333	eP	50	28.60	0.4
DMN	89.09	299	eP	27	53.20	0.9	MDG	21.91	289	eP	45	56.50	0.7	OYM	54.81	333	eP	50	32.30	-0.3
	0.6s	50.00nm			6.0mb		COO	21.94	216	eP	45	57.00	0.9	TSK	55.10	334	eP	50	34.70	0.0
HYB	92.41	287	eP	28	08.00	0.5		1.0s	250.00nm			5.6mb		DDR	55.32	333	eP	50	36.00	-0.3
SOB1	144.31	128	ePKP	34	30.90	-2.8X	RIV	24.84	212	eP	46	25.00	0.8	MAT	56.21	333	iPc	50	41.90	-0.8
ITR	146.46	130	ePKP	34	37.40	0.1				eS	51	00.00			Z 20s	4.08um			5.5Msz	
		e		35	02.00		KRP	25.91	163	P	46	39.10	4.9X				eS	58	32.00	
8NG	147.42	257	ePKPd	34	38.00	-0.9	TZZ	26.15	285	eP	46	39.00	2.2X	SHK	57.32	327	ePc	50	50.40	-0.2
	0.2s	59.00nm					CMS	26.32	223	eP	46	38.00	-0.1	ANP	58.12	311	eP+	50	59.80	3.3X
		i		34	41.00			0.8s	200.00nm			5.8mb					iS	59	04.00	
S.D. = 0.9 on 42 of 44 obs.							YOU	26.67	215	iPc	46	41.50	0.2	QZH	60.17	309	iPd	51	11.30	0.8
										i	53	45.30					S	59	24.00	
DEC 28, 1985 15h 41m 03.71± 0.16s							ISQ	26.82	250	eP	46	43.00	0.2	SSE	61.90	316	Pc	51	22.50	0.3
13.192 S ± 4.2km 166.507 E ± 3.7km							CAN	27.12	213	iPc	46	45.70	0.3				S	59	42.00	
DEPTH = 36.0km (geophysicist)										i	46	55.40		HKC	62.25	304	eP	51	24.00	-0.7
5.7mb (27 obs.) 6.2Msz (23 obs.)										e	53	50.20					eS	59	55.00	
VANUATU ISLANDS (186)							GNZ	27.33	160	P	46	56.80	9.6X	GZH	63.30	304	eP	51	30.50	-1.1
Ms 6.6 (BRK), 5.9 (PAS). Depth										S	51	31.00		NJ2	64.06	316	Pc	51	37.00	0.5
from broadband displacement							WAM	27.85	212	iPc	46	52.60	0.6				S	00	15.00	
seismograms.							WEL	28.90	167	eP	46	56.00	-5.4X	QIZ	64.35	299	eP	51	39.80	1.2
FAULT PLANE SOLUTION: P-Waves								Z 18s	75.60um			6.3Msz					S	00	22.00	
NP1:Strike=170 Dip=64 Slip= 90								N 18s	53.61um					KGM	64.46	279	ePd	51	40.50	1.1
NP2: 350 26 90								E 20s	17.02um					SBA	64.66	180	iP	51	40.00	0.3
Principal Axes:										ePP	48	06.00			1.8s	345.45nm			6.1mb	
T Plg=71 Azm= 80										e	50	15.00					(S)	00	38.00	
P 19 260										e	51	55.00					LR	14	04.00	
Comment: The focal mechanism is							STK	29.47	227	eP	47	07.00	0.4	WHN	66.37	312	Pc	51	52.00	0.7
poorly controlled and							TOO	30.67	214	eP	47	17.00	-0.3				iPP	54	21.00	
corresponds to reverse							MSZ	31.39	178	P	47	24.00	0.6				S	00	40.00	
faulting. The preferred fault							WB2	31.50	253	eP	47	23.50	-1.3	MDJ	66.58	332	iPc	51	53.10	0.6
plane is NP2.										i	47	34.80					S	00	46.00	
MOMENT TENSOR SOLUTION										iPcP	50	16.90		DL2	66.63	323	eP	51	53.00	0.1
Dep 46 No. of sta: 9										iScP	54	05.60					eS	00	43.00	
Moment Tensor; Scale 10**25 d-cm							WRA	31.51	253	Pc	47	23.10	-1.8	PPI	66.66	275	ePc	51	58.00	4.5X
Mrr= 2.18 Mtt= 0.07								1.4s	35.70nm			5.0mb		IPM	67.36	281	ePc	51	58.90	0.9
Mff=-2.26 Mrt=-0.60							BFD	32.08	218	eP	47	30.00	0.4		1.4s	112.30nm			5.8mb	
Mrf=-2.28 Mtf= 1.37							ASPA	32.57	247	iPd	47	33.30	-0.7				e	52	28.90	
Principal axes:								1.1s	104.00nm			5.6mb					e	52	47.20	
T Val= 3.50 Plg=59 Azm=127							RAR	33.13	109	P	47	44.00	5.1X	SNY	67.52	327	iPc	51	58.00	-0.4
N 0.02 24 351										S	53	08.00					PP	54	27.00	
P -3.53 19 252							ADE	33.18	224	iPc	47	42.20	2.9				eS	00	32.00	
Best Double Couple:Mo=3.5*10**25								1.1s	91.14nm			5.6mb					SS	05	15.00	
NP1:Strike=309 Dip=33 Slip= 43							TAU	33.94	206	eP	47	46.00	0.4	TIA	67.70	318	eP	51	59.40	-0.3
NP2: 181 68 116							GUMO	34.17	320	eP	47	42.30	-5.6X				eS	00	54.00	
CENTROID, MOMENT TENSOR (HRV)							PJG	34.17	320	eP	47	42.90	-5.0X	CN2	67.95	329	iPc	52	01.40	0.3
Data Used: GDSN							AAI	39.00	281	eP	48	36.00	7.2X	PSI	68.87	278	eP	52	08.00	0.6
L.P.B.: 19S, 48C							WBN	39.58	245	eP	48	34.00	0.4	TSI	69.43	279	e(P)	52	13.20	2.4X
Centroid Location:							AFR	42.31	102	eP	48	58.00	2.0	GYA	70.24	305	P	52	16.40	0.7
Origin Time 15:41:10.5 0.1								1.0s	60.00nm			5.3mb					PP	55	04.00	
Lat 13.36S 0.02 Lon 166.38E 0 02							PAE	42.49	102	eP	49	00.00	2.5				S	01	30.00	
Dep 44.4 1.1 Half-durotion 5.0								1.0s	50.00nm			5.2mb		BJI	70.61	321	eP	52	18.00	0.5
Moment Tensor; Scale 10**25 D-CM							PPT	42.50	102	eP	49	00.00	2.4		Z 20s	6.90um			5.9Msz	
Mrr= 2.97 0.04 Mtt= 0.25 0 06								1.0s	75.00nm			5.4mb			N 20s	4.60um				
Mff=-3.22 0.07 Mrt= 0.45 0.66							PPN	42.64	102	eP	49	02.00	3.3X		E 20s	5.00um				
Mrf= 0.15 0.07 Mtf= 0.64 0.04								1.0s	80.00nm			5.4mb					PP	54	55.00	
Principal Axes:							TVO	42.81	102	eP	49	04.00	3.8X				eS	01	32.00	
T Val= 3.06 Plg=80 Azm=346								1.0s	90.00nm			5.5mb					e	02	38.00	
N 0.28 10 170							PMO	44.20	98	iP	49	11.90	0.5				eSS	06	14.00	
P -3.33 1 60								1.4s	355.00nm			6.0mb		LOE	70.80	294	eP	52	18.20	-0.9
Best Double Couple:Mo=3.2*10**25							VAH	44.44	98	iP	49	13.90	0.5	NNT	70.98	288	eP	52	19.00	-1.2
NP1:Strike=160 Dip=45 Slip= 76								1.4s	295.00nm			5.9mb		TIY	71.63	317	iPc	52	24.80	0.9
NP2: 0 47 104							TPT	44.47	98	iP	49	14.40	0.8				S	01	48.00	
PVC	4.84	159	iPc	42	22.50	6.3X		1.4s	310.00nm			5.9mb		XAN	72.11	313	Pc	52	27.00	0.2
			iS	43	26.00		RUV	44.69	98	iP	49	15.90	0.6				S	01	52.50	
HNR	7.44	299	eP	42	54.00	1.3		1.4s	280.00nm			5.9mb		KHT	72.74	290	eP	52	32.20	1.5
SVO	7.70	301	eP	42	56.00	-0.3	MBL	45.16	253	eP	49	20.00	0.9	KMI	72.87	302	Pc	52	33.00	1.3
			e(S)	43	55.00		DAV	45.38	294	eP	49	20.00	-0.8		N 20s	3.70um				
VSG	7.73	300	eP	42	55.00	-1.8				eS	56	00.00					pP	52	46.00	45kmX
DZM	8.83	180	iPc	43	10.20	-1.9	MEK	46.77	246	eP	49	31.60	-0.2				sP	52	50.00	
NOU	9.07	180	iPc	43	14.50	-0.8		0.6s	58.00nm			5.7mb					S	02	02.00	
			iS	45	07.00		KLB	48.22	239	eP	49	42.00	-1.1				SS	06	40.00	
NDF	11.48	115	ePc	43	52.10	3.8X	NWAO	48.92	238	eP	49	47.05	-1.4	BSI	73.10	280	ePd	52	33.00	0.1
VUN	12.47	114	ePd	44	04.70	3.0X				epP	49	56.32	31kmX	CHG	73.77	294	iPc	52	38.00	1.3
SVA	12.51	115	ePd	44	10.00	7.9X	NAU	49.23	252	eP	49	51.00	0.1		1.0s	47.00nm			5.4mb	
PAA	12.83	301	eP	44	12.00	5.5X	MRWA	49.34	243	eP	49	51.50	-0.3				eS	02	12.00	
BGA	13.17	301	eP	44	16.00	4.9X	MUN	49.59	239	eP	49	53.00	-0.6	CHTO	73.77	294	iPc	52	37.97	1.3
							KHKI	50.16	270	eP	49	57.10	-1.2				epP	52	48.24	33kmX

28d 15h

			esP	52	53.37		HPI	92.20	46	P	54	13.00	1.6	MLR	133.65	322	ePKP	00	19.00	0.4
HHC	73.94	320	iPd	52	39.00	1.6	LRM	93.21	44	eP	54	17.90	1.9	RDJ	133.80	141	ePKP	00	17.20	-2.1X
CD2	74.49	308	P	52	41.90	1.2	BDW	94.45	47	P	54	20.50	-1.3	KRA	134.21	330	ePKP	00	22.30	3.0X
			PP	53	32.00		ALQ	95.04	55	eP	54	23.00	-1.6		Z 20s		7.80um			6.4Msz
			iS	02	16.00			Z 19s		17.01um			6.5Msz		N 20s		4.20um			
			SS	07	06.00		SES	95.30	40	eP	54	26.00	0.8		E 20s		4.40um			
BTO	74.78	319	iPc	52	43.50	1.2	NDI	95.61	298	eP	54	26.50	-0.6				e	00	29.40	
			PP	55	35.00					eS	05	05.00					e	02	52.20	
			S	02	21.00		SNA	96.34	184	e(P)	54	28.00	-1.7				e	02	56.00	
LZH	76.74	312	iPc	52	54.50	0.9	YKA	96.53	27	eP	54	29.00	-1.5				e	11	36.00	
	1.8s	488.00nm				6.2mb	POO	96.57	287	eP	54	31.50	-0.1				e	15	02.00	
	N 17s	2.50um					YKC	96.58	27	eP	54	29.00	-1.7	SPC	134.63	329	ePKP	00	24.00	3.6X
			pP	53	06.40	40kmX	GOL	96.87	51	P	54	37.00	4.1X	LWI	135.32	253	ePKP+	00	03.00	-19.8X
			eS	02	42.00			Z 20s		12.50um			6.4Msz	LWI	135.32	253	iPKPc	00	20.10	-2.7
SPA	76.89	180	iPc	52	53.10	-0.8	GLD	96.99	51	P	54	37.00	3.6X	PVL	135.33	319	ePKP	00	23.00	1.4
	1.1s	217.26nm				6.1mb		Z 20s		14.00um			6.4Msz	KSP	135.34	333	ePKP	00	22.00	0.6
	Z 20s	6.31um				5.9Msz	BOM	97.61	288	eP	54	40.00	3.8X				e	02	58.00	
	N 20s	5.99um								eS	05	10.00					e	03	51.00	
	E 20s	1.13um					KSH	98.65	308	eP	54	42.00	1.3	HLW	135.42	299	ePKP	00	30.00	7.8x
GTA	81.07	314	iPc	53	18.00	1.0	MBC	99.00	13	eP	54	37.00	-4.4X				e	03	04.00	
			S	03	22.50		TUL	103.79	56	e(Pdif	55	07.00	3.2X	BDF	135.50	129	e(PKP)	00	15.00	-7.9X
SHL	82.19	298	iP	53	24.20	1.1		Z 19s		23.30um			6.7Msz				e	00	22.50	
			iS	03	38.00					e	59	14.00		DIM	135.60	318	ePKP	00	20.00	-2.2
PME	82.37	20	eP	53	23.70	0.7	DAG	116.36	1	iPKPd	59	41.10	-3.3X	CLO	135.74	323	ePKP	00	22.50	0.1
	1.0s	15.00nm				5.0mb		0.4s		3.39nm				KDZ	135.95	317	ePKP	00	10.00	-12.9X
BKS	83.74	49	iPd	53	32.00	1.4	TPZ	118.25	123	ePKP	00	05.00	14.9X	BRG	136.31	335	ePKP	00	26.50	3.2X
	Z 20s	30.00um				6.7Msz	IR2	118.32	303	ePKP	59	50.00	0.4				e	03	03.50	
	N 20s	26.00um					CNCB	118.47	118	ePKP	59	48.00	-2.9X				e	03	57.00	
	E 20s	1.50um					LPB	118.49	117	(PKP)	59	47.00	-3.7X	CLL	136.36	336	ePKP	00	27.00	3.7X
			eS	03	54.00					SKS	10	48.00			Z 19s		3.50um			6.1Msz
			ePPS	05	16.00					LR	36	38.00					e	03	08.00	
			eLQ	15	32.00		ZOBO	118.58	117	PKP+	59	52.00	0.9				e	04	00.00	
			eLQ	15	40.00					SKS	10	43.00		SRO	136.50	329	ePKP	00	25.10	1.4
			iLR	19	00.00					LR	36	50.00		PRU	136.73	334	ePKP	00	22.00	-2.1
GAS	84.06	47	P	53	32.00	-0.4	KJF	121.64	340	ePKP	59	53.00	-1.8		Z 21s		4.80um			6.2Msz
ARN	84.07	50	P	53	34.00	1.7		0.7s		22.70nm					N 18s		3.60um			
LSA	84.12	302	P	53	34.00	0.7				i	00	07.50			E 21s		1.20um			
SYP	84.25	53	eP	53	36.00	2.6X				ePS	11	24.00					e	03	07.50	
IMA	84.37	15	eP	53	35.40	2.0				eSS	18	24.00		ZST	136.84	330	ePKP	00	25.10	0.7
BCH	84.39	52	P	53	35.00	0.9	SUF	123.15	339	iPKP	59	56.80	-0.9				e	05	35.00	
WDC	84.54	46	eP	53	34.60	0.0		0.8s		5.20nm				VTS	136.85	320	iPKP	00	24.00	-0.5
ORV	84.90	48	eP	53	34.70	-1.7	BPI	123.76	226	iPKPc	59	58.30	-2.1	VKA	137.17	331	(PKP)	00	29.00	4.0X
JAS1	85.10	49	iPc	53	35.51	-1.9	SLR	123.86	226	iPKPd	00	00.00	-0.5		Z 24s		3.30um			6.0MszX
			epP	53	46.10	33kmX		1.3s		48.08nm				MOX	137.42	336	ePKP	00	21.00	-4.4X
			esP	53	51.89			Z 20s		5.14um			6.2Msz		Z 20s		4.60um			6.2Msz
MIN	85.11	47	eP	53	37.00	-0.6	TET	125.09	239	iPKP	00	04.00	1.2		N 20s		2.90um			
COL	85.12	18	eP	53	35.00	-2.0				i	02	14.00			E 20s		1.70um			
FBA	85.12	18	eP	53	35.10	-1.9	NUR	125.17	338	ePKP	00	01.00	-0.7				e	00	48.00	
	1.0s	70.00nm				5.8mb		Z 21s		3.60um			6.0Msz				e(PP)	03	15.00	
LBFM	85.28	46	P	53	40.00	1.4				ePP	01	52.00		KHC	137.79	334	iPKP	00	25.00	-1.2
FRI	85.30	50	eP	53	36.70	-1.7				LR	54	40.00			Z 20s		6.50um			6.4Msz
PAS	85.53	54	eP	53	37.00	-2.6	MTD	126.43	237	iPKP	00	05.00	-0.6		N 20s		2.10um			
			ePP	57	04.00		BUL	126.96	232	iPKPd	00	06.00	-0.6		E 20s		2.10um			
			eSKS	04	00.00			1.0s		36.50nm							e	00	48.80	
			ePS	05	20.00			Z 19s		8.33um			6.4Msz				e	01	12.10	
			eSS	09	18.00			N 19s		2.78um				VAY	137.92	319	ePKP	00	25.60	-1.0
			eSSS	13	40.00			E 19s		4.17um				WTS	137.99	341	ePKP	00	13.00	-13.4X
			eLR	20	28.00		CAR	127.71	87	ePdiff	57	08.00	17.0X				ePP	03	20.00	
MWC	85.64	54	eP	53	39.00	-1.5		Z 20s		2.31um			5.9Msz				e	04	06.00	
ISA	85.79	52	eP	53	43.00	2.0		N 20s		1.06um				ATB	138.21	110	e(PKP)	00	23.60	-4.4X
SBB	85.97	53	eP	53	42.00	0.1		E 20s		1.24um				SKO	138.29	320	iPKP	00	26.60	-0.7
RVR	86.10	54	eP	53	42.00	-0.5	KRI	128.01	236	iPKPd	00	08.30	-0.4		Z 19s		3.50um			6.1Msz
BAR	86.25	55	eP	53	45.00	1.7	NAI	128.10	258	ePKP	00	11.00	1.9		N 18s		2.00um			
PLM	86.31	55	eP	53	44.00	0.2		1.5s		69.44nm					E 19s		1.60um			
SDW	86.54	53	P	53	46.30	1.5	IKZ	128.65	245	iPKPc	00	10.00	0.0				i	03	17.00	
MNA	86.95	50	P	53	45.00	-1.7		1.5s		80.80nm				GRF	138.33	336	ePKP	00	31.00	3.8X
GSC	86.96	53	eP	53	49.00	2.2				i	02	26.20			1.2s		10.00nm			
GMW	87.07	40	P	53	46.00	-0.9				i	03	40.00			Z 20s		4.60um			6.2Msz
TPC	87.18	54	eP	53	46.00	-1.8	NB2	128.96	345	PKP	00	07.40	-1.7	DBN	138.39	343	ePKP	00	20.00	-7.1X
LON	87.37	41	ePc	53	48.62	0.2		0.6s		3.20nm					Z 22s		3.80um			6.1Msz
			esP	54	04.68		HFS	129.04	343	ePKP	00	07.20	-2.0				ePP	03	20.00	
BRW	87.88	11	eP	53	50.00	-0.3		0.8s		1.80nm							ePPP	06	10.00	
PKI	88.32	299	iP	53	54.60	0.8	LSZ	129.99	237	iPKPc	00	12.00	-0.4				ePPS	15	32.00	
KKN	88.48	299	iP	53	55.40	1.0		1.3s		51.90nm				OHR	139.16	319	ePKP	00	24.00	-5.0X
DMN	88.58	299	iP	53	56.20	1.2				i	02	24.00		ENN	139.33	341	ePKP	00	15.00	-13.8X
SYO	89.98	197	iP	54	00.20	-0.3				i	03	39.90					ePP	03	22.50	
NEW	90.88	41	eP	54	03.00	-2.0	VAO	131.34	137	ePKP	00	16.90	2.1	MEM	139.44	341	PKP	00	25.80	-3.2X
	Z 21s	4.00um				5.8Msz	JER	131.79	301	e(PKP)	00	18.00	2.6X				e	00	32.80	
WMO	91.13	315	iPd	54	07.10	0.9	KMZ	132.89	237	iPKPc	00	18.30	0.3				e	03	25.00	
			PP	57	48.00			1.3s		70.00nm							e	04	11.00	
			SKS	04	37.00					i	01	04.00		LJU	139.60	330	e(PKP)	00	31.00	1.5
KSD	91.37	280	eP	54	09.00	0.8				e	03	30.00					e	02	46.00	
MSU	91.45	51	P	54	02.00	-6.0X	ITA	133.25	139	ePKP	00	26.90	8.2X	UCC	139.78	342	PKP	00	31.00	1.3
INK	91.68	19	eP	54	07.00	-1.1	BMA	133.37	140	e(PKP)	00	25.00	6.4X				PP	03	32.00	
HYB	91.96	287	ePc	54	11.00	0.5	WIN	133.51	220	ePKP	00	18.50	-0.6	SNF	140.06	342	PKP	00	30.50	0.3
	1.0s	277.80nm				6.6mb		1.6s		56.67nm				WLF	140.21	340	PKP	00	28.20	-2.2
GBA	92.16	283	P	54	12.30	0.9				e	03	45.50					PKS	04	04.00	

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GWF   140.28 338 ePKP   00 32.00   1.3
DOU   140.33 342 PKP    00 30.00  -0.7
      Z  21s     3.80um          6.1Msz
                 PP     03 29.00
VAL   141.27 357 PKP    00 22.00 -10.3X
FIR   142.85 330 ePKP   00 31.00  -4.3X
LOR   143.05 340 ePKP   00 32.20  -3.4X
LBF   143.26 340 ePKP   00 34.80  -1.2
GRC   143.28 341 iPKPd  00 32.80  -3.2X
SSF   143.35 340 ePKP   00 32.60  -3.5X
LPG   143.50 336 ePKP   00 34.00  -2.8X
LPF   143.75 346 ePKP   00 33.60  -3.1X
BGF   144.00 341 ePKP   00 34.80  -2.5X
MZF   144.39 341 ePKP   00 36.40  -1.5
TCF   144.45 341 ePKP   00 36.80  -1.2
LSF   144.69 342 ePKP   00 37.20  -1.2
SOB1  144.85 128 ePKP   00 37.30  -2.4X
                 i      01 03.20
MFF   144.85 344 iPKPc  00 37.60  -1.1
CVF   144.91 331 ePKP   00 38.00  -0.9
FRF   145.13 334 ePKP   00 38.80  -0.4
LMR   145.37 334 ePKP   00 39.40  -0.2
CDR   145.40 335 ePKPc  00 39.80   0.1
                 e      00 43.40
                 e      00 51.00
                 i      01 00.50
RJF   145.54 341 ePKP   00 40.20   0.3
CAF   145.70 340 ePKP   00 41.20   1.0
LFF   146.12 342 ePKP   00 41.80   0.9
LPO   146.20 341 ePKP   00 42.40   1.4
ITR   147.00 130 ePKP   00 42.30  -0.9
                 e      00 43.70
                 i      00 48.40
                 i      01 05.10
BNG   147.20 258 iPKPc  00 42.20  -1.3
      1.1s   257.00nm
                 i      01 00.00
                 i      02 12.70
MLS   147.78 340 ePKP   00 51.30   7.7X
EPF   147.96 341 ePKP   00 47.00   3.1X
LGR   149.32 344 ePKP   00 51.00   4.9X
                 iPKKP  01 17.00
                 ePP    04 48.00
CAI   149.42 128 ePKP   00 44.60  -2.4X
EBR   149.87 339 ePKP   00 53.00   6.1X
                 ePP    04 28.00
PTO   151.83 352 ePKP   00 52.50   2.7X
TOL   152.14 344 ePKP   01 00.00   9.6X
ALI   152.40 338 ePKP   00 48.00  -2.7X
                 iPP    04 45.00
KIC   169.03 233 ePKP   01 07.90  -1.0
      2.0s   250.00nm
                 e      02 22.30
MBO   176.43  70 ePKP   01 28.90  17.3X
     S.D. = 1.2  on 191 of 264 obs.

• DEC 28, 1985  16h 49m 49.22± 1.91s
  38.910 N ± 7.8km   31.339 E ±21.2km
  DEPTH =  10.0km  (geophysicist)
 TURKEY                              (366)

BCK     1.56 202 ePn    50 17.10  -0.1
GPA     1.59 330 iPn    50 17.80   0.3
YLV     2.24 318 iPn    50 27.00   0.0
HRT     2.30 327 iPn    50 28.00   0.2
ELL     2.44 208 iP     50 35.60   5.8X
KCT     2.66 301 iPn    50 34.00   1.0
ISK     2.77 322 iPn    50 34.00  -0.5
IZM     3.23 262 eP     50 48.50   7.5X
DMK     3.99 318 iPn    50 50.60  -1.1
EZN     3.99 285 ePn    50 51.80   0.1
KDZ     5.33 303 iP     51 10.00  -0.8
DIM     5.39 307 ePg    51 13.00   1.4
                 eSg    51 34.00
PVL     6.30 314 eP     51 23.00  -1.4
MMB     6.41 297 iPc    51 26.00   0.0
MLR     7.70 330 eP     51 45.00   0.9
     S.D. = 0.9  on 13 of 15 obs.

• DEC 28, 1985  17h 22m 30.42± 1.06s
  20.077 S ± 8.1km   71.268 W ±12.8km
  DEPTH =  33.0km  (normal)
 OFF COAST OF NORTHERN CHILE         (121)

CAC     3.18 139 eP     23 18.30  -1.2
ARE     3.60 357 iPd    23 24.10  -1.5
ANT     3.70 168 iPc    23 26.30  -0.3

CNCB    4.51  44 eP     23 40.00   1.3
                 S      24 47.00
LPB     4.64  41 ePn    23 40.00  -0.4
                 i      23 44.00
                 i      23 48.50
                 S      24 43.00
ZOBO    4.82  39 Pc     23 42.00  -1.2
      0.4s    42.13nm
                 (S)    24 47.00
TPZ     5.38 106 eP     23 51.00   0.2
CCH     5.55  62 iP     23 57.00   3.8X
SLA     7.07 132 eP     24 18.00   3.6X
NNA     9.66 326 eP     24 51.50   1.1
                 e      26 36.00
VAO    22.78 102 eP     27 33.30   1.9
     S.D. = 1.4  on  9 of  11 obs.

   DEC 28, 1985  17h 24m 08.00± 0.40s
   14.269 S ± 6.6km  166.415 E ± 7.7km
   DEPTH =  33.0km  (normal)
   5.1mb (  8 obs.)
 VANUATU ISLANDS                     (186)

PVC     3.90 152 iP     25 11.00   3.9X
                 iS     26 06.00
DZM     7.76 180 iPc    25 59.70  -1.9
                 iS     27 36.90
NOU     8.00 180 iPc    26 03.90  -0.9
                 iS     27 37.00
SVO     8.22 307 eP     26 07.00  -1.0
VSG     8.24 307 eP     26 07.00  -1.3
VUN    12.16 109 eP     27 02.00   0.1
BRS    18.23 222 iP     28 21.00   0.8
CTA    20.10 250 iPc    28 42.10   0.2
      1.1s    25.95nm          4.5mb
RMO    20.51 231 eP     28 47.00   0.9
COO    21.03 217 eP     28 52.00   0.6
KRP    24.91 163 P      29 29.70   0.3
CAN    26.17 214 eP     29 45.00   3.7X
WB2    31.13 255 eP     30 23.80  -2.2
WRA    31.14 255 Pd     30 24.80  -1.3
      0.9s     7.30nm          4.5mb
WBN    39.06 246 eP     31 33.50  -0.3
MEK    46.26 247 eP     32 32.00  -0.4
TRT    53.10 271 ePc    33 25.50   0.5
MAT    57.12 333 iPc    33 52.80  -1.0
      1.0s    18.00nm          5.1mb
SBA    63.59 180 iP     34 38.80   1.4
      0.9s    18.49nm          5.2mb
IPM    67.48 281 ePd    35 04.00   0.6
                 e      35 13.00
PSI    68.94 279 ePd    35 13.70   1.2
BJI    71.39 321 eP     35 27.00   0.1
CHG    74.13 295 eP     35 45.00   1.6
SPA    75.82 180 iPd    35 53.10   0.6
      0.6s     5.28nm          4.8mb
LZH    77.40 313 P      36 03.00   1.2
COL    86.17  18 eP     36 45.00  -1.8
PKI    88.75 299 eP     37 01.30   0.8
      0.9s    13.00nm          5.3mb
KKN    88.92 299 eP     37 02.00   0.8
      0.7s     9.00nm          5.2mb
DMN    89.02 299 eP     37 02.80   1.1
      0.8s    21.00nm          5.5mb
GBA    92.32 283 P      37 27.50  10.8X
KJF   122.61 340 ePKP   43 03.00   1.7
SUF   124.12 339 ePKP   43 05.00   0.7
NB2   129.96 345 PKP    43 24.60   9.0X
      0.8s     2.60nm
KHC   138.70 333 ePKP   43 40.80   8.3X
SOB1  144.25 129 ePKP   43 41.00  -2.3X
                 e      43 50.30
LPG   144.44 335 ePKP   43 49.60   6.5X
      0.9s    14.70nm
SMF   144.57 339 ePKP   43 41.20  -1.7
      1.0s     8.00nm
AVF   144.61 340 ePKP   43 41.60  -1.3
      0.9s     6.50nm
LPF   144.76 345 ePKP   43 42.80  -0.3
BGF   144.98 340 ePKP   43 43.00  -0.6
MZF   145.37 340 ePKP   43 44.60   0.3
      1.0s    18.00nm
MFF   145.85 343 ePKP   43 45.60   0.6
      1.0s    16.00nm
ITR   146.37 131 ePKP   43 45.20  -1.7
BNG   146.87 256 iPKPc  43 49.30   1.6
      0.9s    48.00nm
                 i      44 60.10
                 i      44 19.10
     S.D. = 1.2  on  37 of  44 obs.

   DEC 28, 1985  18h 50m 22.04± 1.70s
   13.105 S ±16.9km  166.872 E ±27.0km
   DEPTH =  33.0km  (normal)
   4.7mb (  3 obs.)
 VANUATU ISLANDS                     (186)

HNR     7.71 298 eP     52 15.00   0.1
VSG     8.00 298 eP     52 17.00  -2.0
DZM     8.93 183 iPd    52 30.00  -1.8
                 iS     54 07.90
NOU     9.16 182 iPc    52 36.50   1.5
                 iS     54 13.50
BRS    19.39 221 iP     54 56.00   7.7X
CTA    20.93 248 eP     55 06.00   1.5
SPA    76.98 180 ePc    02 11.60  -1.5
      0.8s     2.92nm          4.4mb
PKI    88.59 299 eP     03 14.30   0.5
KKN    88.75 299 eP     03 15.10   0.7
      0.7s     3.00nm          4.7mb
DMN    88.86 299 eP     03 15.90   0.9
      0.7s     8.00nm          5.2mb
BNG   147.57 257 iPKPc  10 05.20   2.3X
      0.6s    21.00nm
                 i      10 08.00
     S.D. = 1.6  on   9 of  11 obs.

& DEC 28, 1985  19h 01m 00.09s
  37.238 N          116.473 W
  DEPTH =   0.0km
  5.3mb ( 57 obs.)
 SOUTHERN NEVADA                     ( 41)
     <DOE>. ML 5.1 (BRK). 37° 14'
     16.11" N., 116° 28' 21.88" W.,
     Surfoce Elev. 1914 m., Depth of
     Burial 500 m., Shot Time
     190100.089, "GOLDSTONE", Nevodo
     Test Site (Dept. of Energy).

TMBR    0.22 161 iPc    01 05.30   0.9
YMT5    0.34 177 iPc    01 07.70   0.8
YMT3    0.45 174 iPc    01 09.00  -0.1
LSM     0.52 162 iP     01 10.80   0.3
GMN     0.63 276 iPc    01 13.00   0.3
FMT     0.65 202 iPc    01 13.00   0.0
PRN     1.15  81 iPc    01 21.90  -0.7
MNA     1.79 312 iPc    01 32.30  -0.3
GSC     1.95 188 iPc    01 34.60  -0.3
ISA     2.25 226 iPc    01 39.10  -0.2
FRI     2.60 266 iPc    01 43.80  -0.3
SBB     2.77 204 iPc    01 45.90  -0.8
JAS1    3.21 284 iPc    01 52.00  -0.8
BMN     3.24 350 eP     01 52.80  -0.6
WCN     3.31 310 eP     01 53.60  -0.8
PEC     3.39 190 eP     01 55.00  -0.4
PRI     3.54 253 iPc    01 57.00  -0.6
MSU     3.63  68 iPc    01 58.20  -0.8
LLA     3.64 262 ePc    01 57.60  -1.3
                 i      01 59.30
SAO     4.01 265 iPc    02 03.10  -1.0
PRS     4.03 259 iPc    02 03.50  -1.0
MHC     4.12 273 iPc    02 05.50  -0.4
GLA     4.39 162 eP     02 08.30  -1.3
GCC     4.42 269 ePnc   02 08.10  -1.9
                 iPbc   02 16.10
                 iPgd   02 22.80
ORV     4.58 302 iPc    02 11.00  -1.2
BKS     4.62 280 iPnc   02 12.00  -0.8
                 iPb    02 17.90
                 iPg    02 22.80
BRK     4.64 280 iPnc   02 12.00  -1.1
                 iPbc   02 21.00
                 iPg    02 28.50
ZSP     4.65 280 ePn    02 12.40  -0.8
                 ePgd   02 23.30
PCC     4.71 275 ePc    02 12.80  -1.3
CBX     4.92 182 iPd    02 16.70  -0.3
                 S      02 30.50
MIN     5.07 309 iPc    02 18.60  -0.7
ENX     5.34 182 iPc    02 23.20   0.1
                 S      02 42.70
PBX     5.49 182 iPd    02 26.30   1.1
                 S      02 43.80
WDC     5.79 307 iPc    02 27.90  -1.5
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28d 19h

FHC	6.85	304	e(P)	02	43.40	-0.9
BDW	7.66	42	iPc	02	55.80	0.0
ALQ	8.42	103	eP	03	04.80	-1.8
COR	8.97	327	iPd	03	16.00	2.1
LRM	9.09	18	eP	03	16.50	0.7
GLD	9.17	71	eP	03	17.00	0.1
CLX	11.01	5	iPd	03	57.00	14.9
NEW	11.03	358	eP	03	45.00	2.8
LHD	11.03	3	iPd	03	43.40	1.1
LDM	11.24	4	iPd	03	46.40	1.3
YKM	11.63	2	iPd	03	51.70	1.2
RXF	11.66	4	iPd	03	52.20	1.3
PNT	12.29	350	eP	04	00.00	0.8
	0.9s	83.00nm			6.0mb	
			pP	04	17.00	
LTX	13.29	123	eP	04	14.00	1.2
SES	13.72	15	eP	04	18.00	-0.3
ACO	13.87	87	eP	04	20.50	0.2
	1.2s	182.10nm			5.8mb	
			i	04	29.30	
MEO	14.69	94	ePc	04	31.70	0.6
JCT	15.39	111	iP	04	41.30	1.0
	1.1s	98.10nm			5.1mb	
OCO	15.49	91	eP	04	40.20	-0.2
	0.9s	34.40nm			4.7mb	
			e	04	45.60	
			e	05	04.00	
			e	05	52.50	
PHC	15.58	333	eP	04	43.00	0.5
EDM	16.13	7	eP	04	49.10	-0.6
SIO	16.29	89	e(P)	04	51.50	-0.3
			e	04	52.80	
			i	04	56.30	
TUL	16.67	88	ePc	04	56.90	0.3
	1.1s	213.40nm			5.2mb	
Z	19s	0.64um				
N	18s	0.27um				
E	18s	0.72um				
			eLg	10	00.00	
RLO	17.23	87	eP	05	02.50	-1.3
BHO	17.75	93	ePc	05	10.10	-0.2
	1.2s	42.40nm			4.4mb	
			i	05	14.20	
FFC	20.11	25	iPc	05	35.90	-2.2
	0.8s	195.00nm			5.5mb	
FVM	20.63	80	eP	05	42.40	-1.3
LHC	22.75	52	eP	06	03.00	-1.9
	0.7s	77.00nm			5.3mb	
YKC	25.30	2	ePc	06	27.00	-2.5
	1.0s	68.00nm			5.3mb	
YKA	25.31	2	eP	06	28.30	-1.3
YAH	28.17	333	eP	06	56.70	0.5
BLA	28.60	79	eP	06	59.50	-0.6
OTT	31.40	62	eP	07	23.00	-1.8
PME	31.72	331	eP	07	27.70	0.3
	1.0s	45.00nm			5.4mb	
INK	32.54	348	ePc	07	33.00	-1.5
MNT	32.88	62	iP	07	35.60	-2.1
COL	33.30	336	eP	07	40.00	-1.2
FBA	33.30	336	eP	07	40.70	-0.5
	1.0s	44.00nm			5.3mb	
TTA	35.18	330	eP	07	57.50	0.0
IMA	35.96	335	eP	08	04.20	0.0
SCH	37.80	46	eP	08	18.00	-1.6
FRB	38.97	32	iPc	08	28.00	-1.2
MBC	39.12	359	iPc	08	30.40	0.0
	0.7s	34.00nm			5.1mb	
BRW	39.94	341	eP	08	37.00	-0.3
ADK	44.06	309	eP	09	09.00	-2.2
SJG	47.87	99	iPc	09	40.40	-1.5
ALE	48.80	8	eP	09	45.50	-2.8
	0.9s	15.00nm			5.0mb	
BOG	50.53	119	eP	10	04.00	1.2
DAG	55.83	16	iPc	10	37.30	-3.7
	0.6s	8.67nm			5.0mb	
NNA	61.50	135	eP	11	20.30	-1.0
ARE	68.16	133	eP	12	03.00	-1.8
ZOBO	70.02	130	iPd	12	14.20	-2.3
LPB	70.24	130	Pc	12	16.50	-1.2
	0.9s	33.61nm			5.5mb	
			eLR	34	14.00	
CNCB	70.52	130	iP	12	18.00	-1.6
ATB	71.83	109	Pd	12	24.20	-2.7
CCM	72.09	129	eP	12	27.00	-1.7
MB2	73.21	24	P	12	32.20	-2.2
	0.7s	7.90nm			4.9mb	
HFS	74.69	23	eP	12	40.50	-2.5
	0.7s	16.70nm			5.2mb	
KJF	75.02	15	iP	12	43.50	-1.3
	1.0s	44.00nm			5.4mb	
TPZ	75.46	132	Pc	12	48.30	0.0
MUD	75.94	28	eP	12	50.00	-0.1
	1.0s	18.00nm			5.1mb	
SUF	75.97	17	iP	12	48.40	-1.8
	1.0s	12.30nm			5.0mb	
FLN	77.27	38	eP	12	56.30	-1.4
	1.2s	53.50nm			5.5mb	
GRR	77.34	38	eP	12	57.10	-1.0
	1.2s	61.80nm			5.6mb	
LPF	77.49	38	eP	12	57.70	-1.2
	1.2s	47.60nm			5.5mb	
LDF	77.56	38	eP	12	57.90	-1.4
	1.2s	41.60nm			5.4mb	
WIT	77.64	31	eP	13	00.50	0.8
UCC	78.11	34	P	13	02.00	-0.3
SNF	78.28	34	P	13	02.70	-0.5
WTS	78.30	32	ePc	13	02.50	-0.8
	1.1s	18.00nm			5.1mb	
DOU	78.72	34	P	13	04.80	-0.8
	1.1s	61.50nm			5.6mb	
ENN	78.82	33	iPc	13	05.30	-0.9
	1.1s	47.00nm			5.4mb	
MFF	78.91	39	eP	13	05.60	-1.2
	1.2s	47.60nm			5.4mb	
MEM	78.97	33	Pd	13	06.20	-0.8
MAT	79.20	308	iPc	13	07.10	-1.5
	0.7s	23.29nm			5.3mb	
WLF	79.72	34	Pc	13	10.50	-0.6
LSF	79.99	38	iPc	13	11.20	-1.5
GRC	80.01	37	iPd	13	11.80	-0.9
TCF	80.30	38	iPc	13	13.00	-1.3
	1.0s	24.00nm			5.1mb	
SSF	80.38	37	iPc	13	13.50	-1.2
	1.2s	44.60nm			5.3mb	
LOR	80.40	37	iPc	13	13.80	-1.0
	1.2s	107.10nm			5.7mb	
BGF	80.42	38	eP	13	13.50	-1.4
	1.0s	36.00nm			5.3mb	
AVF	80.50	37	iPc	13	13.60	-1.7
	1.2s	35.70nm			5.2mb	
LFF	80.51	40	iPc	13	14.30	-1.1
	1.2s	44.00nm			5.3mb	
MZF	80.54	38	eP	13	14.20	-1.4
	1.0s	38.60nm			5.3mb	
RJF	80.64	39	iPc	13	14.70	-1.5
	1.0s	17.60nm			5.0mb	
LBF	80.66	37	iPc	13	14.90	-1.4
	1.2s	42.80nm			5.3mb	
SMF	80.84	37	iPc	13	15.40	-1.8
	1.0s	34.00nm			5.3mb	
LPO	80.91	40	iPc	13	16.30	-1.3
	1.1s	29.30nm			5.2mb	
HAU	81.03	35	iPc	13	17.00	-1.1
	1.2s	35.70nm			5.3mb	
CDF	81.15	34	iPc	13	17.60	-1.2
	0.9s	16.30nm			5.1mb	
CAF	81.19	39	iPc	13	17.60	-1.5
	0.8s	24.70nm			5.3mb	
MOX	81.30	30	eP	13	19.00	-0.5
CLL	81.34	29	iP	13	18.90	-0.7
	1.3s	24.00nm			5.1mb	
BSF	81.36	35	iPc	13	18.70	-1.3
	0.8s	40.20nm			5.5mb	
EPF	81.62	41	iPc	13	20.10	-1.3
	1.1s	14.60nm			5.0mb	
HOF	81.67	31	iPd	13	20.50	-0.9
	1.2s	24.00nm			5.2mb	
CN2	81.74	320	Pd	13	20.70	-1.2
GRF	81.88	31	eP	13	22.20	-0.3
	1.2s	24.00nm			5.2mb	
BRG	82.05	29	iP	13	21.50	-1.9
PRU	82.98	29	eP	13	27.50	-0.7
WET	82.99	31	eP	13	27.60	-0.7
	1.2s	13.00nm			5.0mb	
LPG	83.06	36	eP	13	28.80	-0.3
	1.2s	35.70nm			5.5mb	
FUR	83.08	32	eP	13	28.50	-0.3
	1.2s	52.00nm			5.6mb	
BDF	83.15	115	eP	13	19.50	-10.2
KHC	83.28	30	iP	13	29.00	-0.8
	1.2s	20.00nm			5.2mb	
SHK	83.94	309	eP	13	33.60	0.2
OGA	83.97	33	eP	13	33.50	-0.1
	1.3s	37.00nm			5.5mb	
SNY	84.11	319	Pd	13	34.20	0.1
SOB1	84.24	106	iPc	13	34.70	-0.4
FRF	84.45	38	eP	13	35.00	-0.8
	1.2s	61.80nm			5.7mb	
LMR	84.55	38	eP	13	35.50	-0.8
	1.2s	65.40nm			5.7mb	
KBA	84.80	32	eP	13	36.00	-1.8
	1.2s	20.80nm			5.2mb	
			i	13	41.00	
KRA	84.95	26	eP	13	37.30	-0.9
	1.2s	55.00nm			5.7mb	
			e	13	41.90	
ZST	85.43	29	iP	13	39.00	-1.6
CAI	85.48	102	eP	13	40.10	-1.3
ITR	85.86	104	iPc	13	42.00	-1.2
SRO	86.21	29	iP	13	45.00	0.5
GUA	88.63	286	e(P)	13	56.50	-0.2
VAO	88.66	120	eP	13	56.00	-0.7
BJI	89.18	322	eP	13	58.00	-1.0
HHC	90.70	326	e(P)	14	06.00	-0.2
BTO	91.59	326	eP	14	10.40	0.1
TIY	92.81	323	eP	14	16.00	0.1
SSE	93.24	313	eP	14	17.50	-0.4
GTA	96.74	333	eP	14	33.00	-1.0
WB2	116.80	265	ePKP	19	46.70	-1.9
WRA	116.81	265	PKPd	19	46.90	-1.7
	0.6s	1.80nm				
BNG	121.10	55	ePKPd	19	55.00	-1.9
	0.7s	5.00nm				
SPA	127.05	180	ePKPd	20	02.30	-4.7
	0.8s	4.17nm				
KRI	143.87	65	iPKPc	20	36.00	-3.6
SUR	144.81	95	iPKPc	20	37.50	-3.4
	0.5s	35.21nm				
Z	18s	8.59um			6.6MszX	
BUL	145.20	70	iPKPc	20	39.10	-2.7
	1.1s	36.71nm				
MTD	145.25	63	iPKPc	20	39.70	-2.2
SYO	145.56	165	iPKP	20	40.10	-0.7
TET	146.21	60	iPKP	20	45.00	1.6
SLR	148.00	79	iPKPc	20	47.50	1.2
	1.3s	57.69nm				
BPI	148.02	80	ePKP	20	46.50	0.2
	0.8s	14.93nm				
MAW	149.58	180	ePKP	20	51.00	3.8
	173 obs. associated					

DEC 28, 1985 19h 30m 37.22± 1.37s
5.950 S ± 4.7km 130.588 E ± 6.7km
DEPTH = 101.0 ± 15.0 km
5.0mb (13 obs.)
BANDA SEA (280)

AAI	3.28	313	iPd	31	34.50	6.9X
			e(S)	32	15.30	
KNA	9.90	190	eP	32	59.00	0.7
TZZ	10.60	87	eP	33	09.00	1.2
WRA	14.38	166	Pc	33	54.80	-2.5
	0.5s	10.90nm			4.3mb	
WB2	14.38	166	eP	33	54.80	-2.5
			i	34	02.10	
			iS	36	27.00	
ISQ	17.06	150	eP	34	32.00	1.0
ASPA	17.90	170	eP	34	41.00	-0.3
	0.4s	186.00nm			5.7mb	
TRT	17.91	263	ePd	34	41.50	0.2
MBL	18.36	214	iPc	34	47.00	0.2
KKM	18.65	309	ePc	34	51.00	0.8
	0.9s	115.40nm			5.2mb	
PPR	19.59	323	eP	35	01.50	1.6
	1.0s	97.00nm			5.1mb	
WBN	20.44	190	eP	35	09.00	0.3
			eS	38	51.00	
CTA	20.72	134	iPd	35	12.60	1.0
	0.8s	20.52nm			4.5mb	
PGP	21.56	334	iPd	35	18.00	-2.0
	0.5s	84.00nm			5.3mb	
NAU	22.01	220	iPc	35	25.30	0.9
MEK	23.54	208	eP	35	41.00	1.7
	0.5s	8.00nm			4.4mb	
			eS	40	08.00	
KLG	26.15	198	eP	36	04.00	0.2
STK	27.78	160	iPd	36	18.10	-0.4
	0.4s	15.00nm			5.0mb	
KLB	28.20	204	eP	36	22.00	-0.4
MUN	29.18	206	eP	36	31.00	-0.2
ADE	29.83	167	iPc	36	37.50	0.5

BRS 30.00 138 P 36 37.30 -1.2
YOU 32.65 152 iPd 37 01.90 0.3
PSI 32.77 284 ePc 37 02.50 -0.3
CAN 33.79 152 iPd 37 12.10 0.5
WAM 34.46 153 eP 37 18.10 0.9
SSE 37.92 347 eP 37 47.00 0.6
DZM 38.16 118 iPc 37 53.90 5.2X
NOU 38.25 119 iPc 37 55.00 5.7X
NJ2 39.41 344 iP 38 00.00 1.2
WHN 39.48 338 eP 38 00.00 0.6
CHG 39.73 309 iPc 38 02.80 1.2
0.7s 8.56nm 4.7mb
MAT 42.87 9 (P) 38 26.00 -1.1
CD2 44.74 327 eP 38 42.10 -0.3
XAN 44.74 334 P 38 41.60 -0.7
TIY 46.62 340 P 38 57.40 0.3
BJI 47.65 345 eP 39 05.00 -0.1
CN2 49.74 355 Pc 39 20.20 -0.9
GTA 53.35 330 iPc 39 48.00 -0.4
PKI 54.90 310 iPc 39 59.50 -0.8
0.7s 19.00nm 5.2mb
KKN 55.11 310 iPc 40 01.10 -0.5
0.6s 26.00nm 5.4mb
DMN 55.15 310 iPc 40 01.60 -0.4
0.6s 26.00nm 5.4mb
GBA 56.23 291 P 40 07.90 -1.6
WMQ 62.84 326 P 40 54.50 -0.1
SPA 84.09 180 iPc 42 52.50 -5.4X
0.8s 4.17nm 4.4mb
IR2 85.11 306 eP 43 04.00 0.5
YKA 106.56 26 ePKP 48 48.00 -3.5X
TPZ 148.41 150 (PKP) 50 06.00 -5.1X
CNCB 150.87 141 PKP 50 22.00 6.8X
LPB 151.01 141 ePKP 50 19.00 3.8X
ZOBO 151.19 140 PKP 50 22.00 6.4X
S.D. = 1.0 on 42 of 51 obs.

DEC 28, 1985 19h 34m 54.50± 0.48s
6.943 N ± 7.0km 73.135 W ± 7.7km
DEPTH = 156.6 ± 6.0 km
NORTHERN COLOMBIA (99)

BMG 0.14 25 eP 35 16.00 -1.1
FUO 1.58 202 eP 35 26.00 -0.1
BOG 2.48 202 iP 35 37.00 0.5
iS 36 08.00
SDV 3.14 52 ePn 35 46.50 1.8
CHN 3.15 232 eP 35 46.00 1.2
UPA 6.65 288 iPd 36 29.80 -1.2
0.7s 54.79nm 5.0mb X
S 37 41.50
PSO 7.08 216 eP 36 37.00 -0.1
CAR 7.08 60 iPnd 36 36.00 -0.9
0.7s 38.36nm 4.9mb X
STH 11.63 342 iPd 37 42.45 5.5X
iS 39 40.18
ZOBO 23.59 168 ePd 39 52.80 -0.1
(S) 40 25.00
LPB 23.85 168 P 40 02.00 6.8X
CNCB 24.14 168 P 39 58.00 -0.2
SOB1 35.91 116 eP 41 40.80 -0.9
FRB 56.79 2 eP 44 24.00 -0.2
YKC 63.09 340 eP 45 07.00 -0.1
YKA 63.14 340 eP 45 07.90 0.4
INK 72.91 340 ePd 46 08.60 0.8
MBC 73.68 350 eP 46 18.00 5.8X
WB2 150.37 241 ePKP 54 29.00 5.0X
S.D. = 1.0 on 15 of 19 obs.

? DEC 28, 1985 19h 44m 43.77± 2.73s
32.459 S ±10.7km 69.310 W ±43.0km
DEPTH = 33.0km (normal)
MENDOZA PROVINCE, ARGENTINA (139)

RTCV 0.89 48 ePd 45 01.00 1.1
ZON 1.06 31 iPd 45 02.50 0.1
eS 45 18.00
RTCB 1.06 24 iPc 45 03.00 0.5
CFA 1.24 47 iPd 45 04.20 -0.8
S 45 21.00
RTLL 1.33 33 iPd 45 05.30 -1.0
S 45 22.20
RFA 2.41 163 ePd 45 21.80 0.0
S.D. = 1.0 on 6 of 6 obs.

• DEC 28, 1985 21h 04m 07.84± 1.78s
11.344 S ± 8.2km 112.163 E ±30.0km
DEPTH = 33.0km (normal)
3.8mb (1 obs.)
SOUTH OF JAVA (282)

TRT 3.65 7 iPc 05 03.40 0.1
iS 05 38.80
KHKI 4.50 49 eP 05 15.50 0.0
eS 06 04.20
e 08 29.00
NAU 11.59 164 eP 06 55.00 1.0
MBL 12.22 144 eP 07 03.00 0.4
MEK 16.34 159 eP 07 55.00 -1.4
WRA 22.98 115 Pc 09 15.10 4.3X
0.5s 1.70nm 3.8mb
WB2 22.99 115 eP 09 15.00 4.1X
S.D. = 1.3 on 5 of 7 obs.

? DEC 28, 1985 21h 37m 56.52± 3.38s
11.667 N ±22.0km 85.621 W ±34.0km
DEPTH = 127.9 ± 37.2 km
4.2mb (1 obs.)
NICARAGUA (75)

UPA 6.56 113 eP 39 32.00 0.2
1.0s 46.00nm 4.8mb X
S 40 44.00
BOG 13.40 121 eP 41 03.00 -0.2
JCT 22.88 327 eP 42 51.00 1.2
1.0s 10.00nm 4.2mb
LTX 24.32 319 P 43 03.50 -0.3
NNA 25.06 159 eP 43 10.80 0.0
MEO 25.86 335 eP 43 17.00 -0.9
ALQ 29.92 324 eP 43 55.00 0.3
BDW 37.33 330 P 44 57.30 -1.0
BMN 39.94 321 P 45 30.30 10.4X
YKA 54.84 344 eP 47 16.10 0.7
WB2 140.75 253 ePKP 57 11.00 -2.7X
WRA 140.76 253 PKPc 57 13.70 0.0
0.7s 1.40nm
S.D. = 0.8 on 10 of 12 obs.

DEC 28, 1985 21h 39m 48.99± 1.32s
35.191 N ± 8.8km 23.097 E ± 7.5km
DEPTH = 51.9 ± 15.1 km
4.4mb (10 obs.)
CRETE (370)

NPS 2.06 87 eP 40 24.50 2.7
ATH 2.82 10 eP 40 35.00 2.4
eS 41 07.00
VLS 3.60 327 eP 40 43.50 -0.1
eS 41 24.00
YER 4.62 64 iPn 40 58.60 0.5
IZM 4.63 45 iPn 40 58.50 0.4
PRK 4.77 31 eP 41 00.00 -0.2
KZN 5.21 349 eP 41 06.50 0.0
eS 42 02.00
EZN 5.29 28 ePn 41 05.80 -1.6
ELL 5.74 72 iPn 41 13.70 -0.2
VAY 6.13 356 ePn 41 18.50 -0.7
OHR 6.18 344 iPn 41 18.90 -1.1
EDC 6.38 35 iPn 41 22.70 0.0
BCK 6.46 67 iPn 41 23.50 -0.4
SKO 6.89 350 iPn 41 27.50 -2.4
DIM 7.12 15 eP 41 33.00 0.0
DMK 7.56 27 iPn 41 38.50 -0.7
PVL 8.11 11 eP 41 47.00 0.3
HRI 10.64 97 eP 42 19.50 -2.1
JER 10.66 105 iP 42 17.50 -4.4X
iS 44 06.00
PRNI 11.12 112 iP 42 23.00 -5.0X
KHC 15.60 336 iPd 43 31.50 4.6X
0.8s 19.00nm 4.3mb
FUR 15.66 329 iPd 43 31.80 4.2X
0.8s 38.00nm 4.6mb
PRU 16.06 340 P 43 36.00 3.4X
GRF 16.90 333 eP 43 46.00 2.7X
1.1s 43.00nm 4.5mb
BRG 17.02 340 iP 43 46.50 1.8
1.0s 16.00nm 4.1mb
BSF 17.52 321 eP 43 50.40 -0.7
0.9s 7.80nm 3.8mb
CDF 17.66 323 eP 43 53.60 0.8
CLL 17.68 339 eP 43 53.00 0.1
HAU 17.86 321 eP 43 54.80 -0.4
WLF 19.06 325 P 44 10.00 0.4
MEM 19.78 326 P 44 18.80 1.4
DOU 20.10 323 Pc 44 20.50 -0.3
0.6s 21.80nm 4.7mb
LDF 21.76 315 eP 44 38.00 0.3
FLN 22.05 315 eP 44 40.80 0.2
1.0s 24.00nm 4.6mb
IR2 22.63 81 (P) 44 50.00 3.4X
HFS 25.70 349 eP 45 15.30 -0.3
0.3s 2.80nm 4.3mb
NB2 26.97 347 P 45 28.40 1.1
0.3s 0.60nm 3.7mb
SUF 27.62 3 iP 45 32.30 -0.9
BNG 30.89 189 iPc 46 02.80 -0.1
0.6s 10.00nm 4.7mb
i 46 07.10
KIC 38.46 228 eP 47 07.10 -0.6
S.D. = 1.1 on 33 of 40 obs.

• DEC 28, 1985 21h 53m 21.44± 2.11s
40.624 N ±15.7km 19.822 E ±15.1km
DEPTH = 10.0km (geophysicist)
3.2mb (1 obs.)
ALBANIA (391)

OHR 0.89 56 iPn 53 36.40 -2.1
iSn 53 50.70
SKO 1.82 42 iPn 53 54.50 1.5
GRG 1.99 80 iPc 53 55.40 -0.1
eS 54 22.70
LIT 2.10 104 eP 53 57.40 0.2
eS 54 25.60
VAY 2.19 71 ePn 53 58.30 -0.2
KNT 2.39 76 ePc 54 01.10 -0.2
eS 54 31.70
SOH 2.69 85 eP 54 05.80 0.2
eS 54 39.90
SRS 2.90 79 eP 54 08.40 -0.1
eS 54 44.90
MMB 3.11 71 iPd 54 12.00 0.6
iS 54 50.00
OUR 3.19 94 eP 54 12.30 -0.2
eS 54 51.10
VTS 3.21 51 eP 54 14.00 1.1
iSg 54 54.00
NB2 21.12 348 P 58 07.70 -0.7
0.6s 0.70nm 3.2mb
S.D. = 1.0 on 12 of 12 obs.

DEC 28, 1985 23h 10m 53.04± 0.15s
5.801 S ± 3.8km 104.288 E ± 3.9km
DEPTH = 33.0km (normal)
5.7mb (42 obs.) 6.0Msz (23 obs.)
SOUTHERN SUMATERA (274)
Ms 6.0 (PAS).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 42C
Centroid Location:
Origin Time 23:10:57.6 0.4
Lat 6.01S 0.04 Lon 103.94E 0.03
Dep 22.4 2.3 Half-duration 4.3
Moment Tensor; Scale 10**25 D-CM
Mrr= 0.45 0.04 Mtt=-1.29 0.04
Mff= 0.85 0.05 Mrt= 0.23 0.07
Mrf= 0.15 0.07 Mtf= 1.49 0.04
Principal Axes:
T Val= 1.65 Plg=11 Azm=298
N 0.41 78 102
P -2.06 3 207
Best Double Couple:Mo=1.9*10**25
NP1:Strike=342 Dip=80 Slip= 174
NP2: 73 84 10

PPI 6.58 324 eP 12 28.00 -2.0
e(S) 13 46.00
KGM 7.82 353 ePd 12 50.70 3.2X
1.0s 199.40nm 6.1mb X
i 13 04.10
i 15 13.90
TRT 8.50 103 iPc 13 09.60 12.7X
iS 14 00.20
KLM 9.23 343 eP 13 10.50 3.6X
PSI 10.00 327 eP 13 16.00 -1.5
IPM 10.81 342 ePd 13 28.00 -0.7
0.9s 36.40nm 5.6mb X
e 13 40.10
e 14 55.10
TSI 10.87 328 e(P) 13 28.30 -1.1

28d 23h

KHKI	11.52	103	ePc	13	37.20	-1.1		N	14s	7.00um					Z	20s	6.21um			5.7Msz			
			e(S)	15	47.30			E	16s	13.20um							eS	27	33.00				
			e	30	41.00					pP	18	42.00	37kmX		DDR	52.92	36	eP	20	09.10	0.6		
MKS	15.12	89	ePd	14	29.00	3.0X				sP	18	50.40			KYS	52.93	37	eP	20	06.40	-2.1		
	0.6s	416.30nm			5.9mb X					S	24	31.00			CN2	52.94	19	Pd	20	07.80	-0.7		
KKM	16.74	46	ePc	14	50.60	3.7X				sS	24	52.00						pP	20	12.00	14kmX		
	1.0s	159.30nm			5.1mb					i	27	42.00			TAU	52.95	141	eP	20	08.00	-0.6		
			e	15	05.00			NJ2	40.12	19	eP	18	29.00	1.5	TSK	53.60	36	eP	20	10.60	-2.8		
			e	15	33.00					S	24	37.00			VSG	55.01	97	eP	20	22.00	-2.2		
NNT	18.82	346	eP	15	11.40	-1.2		MDG	41.30	91	eP	18	36.50	-0.9	MDJ	55.10	22	eP	20	25.00	0.7		
NAU	19.86	148	eP	15	22.00	-2.3		LZH	41.67	359	P	18	40.00	-0.3				S	28	04.00			
PPR	21.13	43	ePc	15	43.00	5.4X			5.0s	1270.00nm				5.9mb X	SVO	55.11	97	P	20	25.00	0.1		
KHT	21.22	345	eP	15	36.30	-2.1		N	11s	5.60um								eS	20	38.00			
MBL	21.45	137	eP	15	40.00	-0.8		E	11s	14.70um					HNR	55.24	97	eP	20	24.00	-1.8		
			eS	19	27.00					S	25	03.00			AVY	56.54	251	iPd	20	34.00	-1.3		
LOE	23.20	354	eP	15	56.60	-1.5				SS	28	16.00			DZM	62.06	112	iPc	21	12.30	-1.0		
AAI	23.92	86	iPd	16	05.70	0.6		PMG	42.62	98	iPc	18	47.50	-0.8	NOU	62.09	112	iPc	21	12.50	-0.9		
	0.8s	198.20nm			5.7mb			ADE	43.00	137	iPc	18	51.50	0.3	IR2	64.86	314	eP	21	31.00	-0.5		
MEK	24.76	148	iPd	16	13.00	-0.2			0.6s	286.67nm				6.2mb	AAE	66.95	282	eP	21	45.00	-0.5		
	0.5s	63.00nm			5.5mb			NDI	43.07	324	ePc	18	49.50	-2.3	KER	67.06	311	eP	21	44.00	-1.7		
			eS	20	51.00						eS	25	12.00		MSZ	67.31	136	P	21	48.00	1.1		
DAV	24.80	59	eP	16	16.00	2.4		CTA	43.15	113	iPc	18	52.80	0.3				PP	24	15.00			
			eS	21	00.00				1.2s	285.94nm				5.9mb	NAI	67.47	271	eP	21	50.00	1.2		
CHG	25.02	348	iPd	16	15.00	-0.7					iPP	20	34.00			1.2s	62.50nm				5.6mb		
	1.0s	32.50nm			4.9mb						iS	25	14.00		MAW	67.75	196	eP	21	49.00	-0.2		
			eS	20	40.00			STK	43.44	131	iPc	18	55.60	0.8	BHD	68.71	309	ePd	21	55.00	-0.8		
QIZ	25.27	12	eP	16	21.70	3.6X		TIA	43.49	15	eP	18	58.00	3.0X				eS	30	58.00			
			S	20	47.50						PcP	20	48.60					e	31	57.50			
PGP	25.33	41	ePc	16	17.00	-1.6					ScP	24	33.80		SLY	68.78	312	iPc	21	56.00	-0.1		
MRWA	25.79	156	eP	16	22.00	-0.8					eS	25	30.30					iS	30	58.00			
KNA	25.97	114	eP	16	24.00	-0.6					ScS	28	54.00		TET	69.90	255	iP	22	05.00	1.6		
OCP	26.26	39	eP	16	38.00	10.7X		LMG	43.59	97	eP	18	58.50	2.1	MSL	70.84	312	ePc	22	07.00	-1.8		
MAN	26.28	39	eP	16	30.00	2.6		TIY	43.95	9	eP	19	00.60	1.8				eS	31	22.50			
BAL	27.30	156	eP	16	35.50	-1.2					S	25	31.00		IKZ	70.97	261	iPc	22	09.10	-1.0		
BAG	27.33	36	eP	16	36.00	-1.3		GUMO	44.65	64	eP	19	03.20	-1.6		0.9s	47.80nm				5.6mb		
			eS	21	26.00			PJG	44.65	64	eP	19	03.50	-1.3				i	22	31.70			
SZP	28.17	34	iPc	16	50.00	5.4X		GUA	44.68	64	eP	19	03.50	-1.4				i	23	40.80			
MUN	28.33	158	eP	16	45.00	-1.0			0.8s	185.07nm				6.0mb				i	26	34.60			
KLB	28.59	155	eP	16	47.00	-1.4			Z 22s	8.15um				5.6Msz	TCW	71.17	131	eP	22	11.00	0.3		
WBN	29.36	136	eP	16	54.00	-1.4		GTA	45.17	355	P	19	08.50	-0.2	WEL	71.55	132	eP	22	12.00	-1.0		
			epPP	17	32.00						S	25	44.10			Z 20s	14.18um				6.2Msz		
HKC	29.56	19	eP	17	01.50	4.4X		ALOA	45.82	99	eP	19	14.50	0.5				PP	24	52.00			
			eS	22	11.00			BTO	46.47	6	Pc	19	22.50	3.6X				S	31	30.00			
NWAO	29.56	158	eP	16	55.00	-2.1					sP	19	31.00					SS	36	06.00			
KLG	29.63	149	eP	16	56.40	-1.3					PP	21	10.50					SSS	39	10.00			
RKG	30.50	159	eP	17	08.50	3.1X					S	26	04.00		KRP	71.68	128	P	22	15.00	1.2		
KMI	30.77	357	eP	17	11.50	3.4X		CMS	46.50	129	eP	19	19.00	-0.2	RTB	71.81	307	iPd	22	14.00	-0.7		
	8.0s	1.30nm			2.8mb X				0.9s	126.00nm				5.9mb				eS	31	34.00			
	E 18s	112.40um						BFD	46.81	137	iPc	19	22.20	0.6	MTD	71.81	254	iPd	22	13.50	-1.6		
			sP	17	41.00				1.2s	514.00nm				6.4mb	MNG	71.98	131	P	22	14.80	-0.8		
			PP	18	17.00			HHC	46.90	8	P	19	23.00	0.7				PP	24	55.00			
			PPP	18	35.00						eS	26	13.00		KRI	73.69	254	iPc	22	25.70	-0.5		
			S	22	12.00			BJI	46.91	13	eP	19	23.00	0.8	BUL	74.59	251	iPd	22	30.00	-1.4		
KOD	31.10	301	eP	17	09.00	-2.2			Z 21s	25.00um				6.2Msz		1.0s	84.00nm				5.7mb		
WRA	32.41	118	Pd	17	22.30	-0.1			N 19s	20.60um						Z 18s	1.37um				5.3Msz		
	1.1s	113.80nm			5.7mb				E 16s	19.10um						N 18s	4.12um						
WB2	32.42	118	iPc	17	21.20	-1.3					eS	26	12.00			E 18s	5.50um						
			i	17	27.00						e	29	16.00		SLR	74.91	245	iPc	22	32.80	-0.3		
			eS	22	46.80						eSS	29	20.00			1.0s	70.00nm				5.6mb		
GBA	32.90	306	P	17	25.80	-0.8		RMO	47.09	121	eP	19	25.00	1.0		Z 23s	5.68um				5.8MszX		
SHL	33.43	339	eP	17	28.50	-2.8X		DL2	47.30	18	eP	19	28.50	3.2X	LSZ	75.11	256	iPc	22	33.50	-0.9		
			iS	22	47.60			SHK	48.24	32	eP	19	33.60	0.8		0.8s	48.70nm				5.6mb		
ASPA	33.57	125	eP	17	32.00	-0.5		TOO	49.02	136	eP	19	40.00	1.1				i	28	28.50			
	1.6s	1263.00nm			6.6mb			YOU	49.61	131	iPc	19	43.70	0.3				i	32	35.10			
OZH	33.58	24	eP	17	33.00	0.6		CAN	50.50	132	iPc	19	50.50	0.2	BPI	75.14	245	iPc	22	37.70	3.2X		
HYB	34.33	313	iPc	17	37.50	-1.5					i	19	56.00			1.0s	50.00nm				5.5mb		
	1.0s	130.00nm			5.8mb			SNY	50.57	19	eP	19	50.20	-0.3	PRNI	75.30	303	iP	22	35.00	-0.2		
			e	17	43.50			BGA	50.60	93	eP	19	49.00	-2.4	LWI	75.34	269	eP+	22	37.00	1.0		
ANP	35.06	28	eP+	18	02.00	16.8X					eS	20	06.00		HRI	75.52	306	P	22	38.70	2.3		
			iS	23	48.00			BRS	50.78	121	iPc	19	53.30	0.8	JER	75.53	305	eP	22	38.00	1.5		
CD2	36.51	359	eP	17	57.60	0.3					eS	22	55.00					eS	26	30.00			
			iS	23	43.20			WAM	50.79	133	iPc	19	52.70	0.3	ASW	75.56	297	iPc	22	36.00	-0.7		
TZZ	36.76	91	eP	17	56.50	-3.3X		COO	51.00	125	eP	19	55.00	0.9	SYO	75.73	200	eP	22	36.60	-0.2		
ISO	37.27	117	eP	18	04.00	0.1			0.9s	112.00nm				5.8mb	BHL	75.78	307	Pc	22	42.00	4.2X		
WHN	37.40	14	P	18	06.50	1.7		RIV	51.55	129	eP	19	58.00	-0.2				S	32	26.00			
LSA	37.48	341	P	18	05.20	-0.9					eS	29	24.00		KMZ	77.47	258	iP	22	47.50	-0.2		
			sP	18	13.00			WMO	51.62	345	iPc	19	58.00	-0.6		1.3s	46.70nm				5.4mb		
PKI	37.86	332	iPd	18	07.50	-1.6					pP	20	02.50	15kmX				i	22	53.00			
DMN	38.04	332	iPd	18	09.10	-1.4					PcP	21	12.00					i	24	05.90			
KKN	38.11	332	iPd	18	09.60	-1.5					S	27	17.40		CSS	77.92	307	eP	22	49.50	-0.1		
POO	38.54	310	iPc	18	14.70	0.1					ScS	29	46.10		HLW	78.24	302	eP	23	02.00	10.5X		
			iS	24	24.00			KSH	52.07	332	iPd	20	03.00	0.8				e	33	59.00			
BOM	39.55	309	eP	18	22.00	-0.9					iS	27	24.00		SBA	78.72	169	iP	22	54.80	1.5		
			eS	24	23.00			OYM	52.55	36	eP	20	03.40	-2.3				(S)	24	10.00			
ZAM	39.86	6	eP	18	24.40	-1.0		SRY	52.70	36	eP	20	03.70	-3.0X	BCK	80.71	309	iP	23	03.70	-1.1		
SSE	40.09	23	Pd	18	31.30	4.1X		MAT	52.74	34	iPc	20	05.20	-1.9	ELL	81.06	308	iP	23	06.70	0.0		
	Z 18s	40.40um			6.3Msz				1.1s	40.51nm				5.3mb	SUR	81.42	238	iPc	23	09.50	0.7		

		0.9s	100.84nm			5.8mb		LJU		93.96	316	eP	24	09.50	0.6		COR	123.35	39	ePKP	29	55.00	6.6X
	Z	19s	13.37um			6.3Msz						e	28	09.50			EDM	123.64	26	iPKPd	29	49.20	0.3
GPA		81.64	312	iP	23	09.20	-0.3					e(S)	34	48.00				0.5s		35.00nm			
HRT		82.25	312	iP	23	11.60	-1.1					e	35	20.00			FHC	124.62	44	ePKP	29	52.80	1.7
YLV		82.40	312	iP	23	13.10	-0.4	PRU		94.23	320	eP	24	12.00	1.9		NEW	124.98	33	ePKP	29	52.00	0.4
YER		82.42	309	eP	23	12.40	-1.3		Z	22s		4.60um			5.9Msz		YKM	125.36	31	iPKPd	29	53.00	0.5
ISK		82.76	313	eP	23	15.60	0.4		N	21s		3.60um					RXF	125.66	31	ePKP	29	54.00	0.9
KCT		83.08	312	eP	23	16.60	-0.4		E	21s		3.90um					WDC	125.70	43	ePKPd	29	53.90	0.7
EDC		83.47	312	eP	23	18.70	-0.2					e	28	05.00			LBFM	125.79	42	PKP	29	54.50	0.8
IZM		83.49	310	iP	23	19.50	0.4					e	34	56.00			LHD	125.82	32	iPKPd	29	53.60	0.2
PSN		84.02	315	eP	23	22.00	0.5	BRG		94.67	321	eP	24	14.00	2.0		LDM	125.82	32	iPKPd	29	54.00	0.7
NPS		84.14	306	eP	23	26.00	3.6X		Z	20s		2.50um			5.7Msz		GAS	125.99	44	PKP	29	55.40	1.4
SPA		84.24	180	ePd	23	21.80	-0.7		N	20s		3.50um					CLX	126.07	32	iPKPd	29	54.40	0.4
		1.1s	56.34nm			5.6mb			E	20s		3.00um					MIN	126.44	43	ePKP	29	55.20	0.3
	Z	20s	6.98um			6.0Msz						i	24	20.00			SES	126.63	27	ePKP	29	54.00	-0.8
	N	20s	4.05um									e	29	48.50				0.8s		32.00nm			
	E	20s	9.68um									eS	35	32.00			FFC	126.82	19	ePKP	29	54.00	-0.9
PRK		84.42	310	eP	23	25.00	1.3	KHC		94.81	319	iPc	24	14.50	1.7			1.0s		13.00nm			
EZN		84.51	311	eP	23	24.80	0.7			1.2s		25.00nm			5.5mb		ORV	126.87	44	ePKPd	29	56.30	0.8
ISR		85.49	316	ePc	23	32.00	2.9X		Z	22s		8.70um			6.2Msz		MHC	127.75	46	ePKP	29	58.80	1.4
DIM		85.52	313	eP	23	29.00	-0.2		N	22s		2.40um					ARN	127.82	46	PKP	29	58.00	0.5
VRI		85.53	317	iPd	23	30.00	0.8		E	22s		2.60um					JAS1	128.36	45	ePKP	29	59.60	1.2
8UC1		85.68	315	eP	23	28.00	-1.9					e	24	18.10			PRS	128.37	47	ePKP	30	00.20	1.7
MLR		85.98	316	iPc	23	32.00	0.4					e	24	50.00			LLA	128.56	47	ePKP	30	00.40	1.5
PVL		86.04	314	iPd	23	34.00	2.3					e	25	16.00			LRM	129.00	33	ePKP	30	00.40	0.7
ATH		86.14	309	eP	23	32.00	-0.3					e	26	03.70			FRI	129.29	46	ePKP	30	02.50	2.3X
PLD		86.17	313	eP	23	34.00	1.6	K8A		94.85	317	iPd	24	19.10	5.9X		BCH	129.80	48	PKP	30	01.70	0.3
BNG		86.22	275	iPc	23	32.20	-1.1			1.2s		34.40nm			5.7mb		SYP	130.16	49	ePKP	30	06.00	3.9X
		0.9s	107.00nm			6.1mb						i	24	22.30						e	33	25.00	
			i	23	38.00							i	24	25.70			ISA	130.78	47	ePKP	30	05.00	1.8
			I	24	21.70							i	27	41.70			PAS	131.67	49	ePKP	30	07.00	2.2
CMP		86.56	316	ePc	23	33.00	-1.3					i	28	19.40						eLR	09	44.00	
MMB		86.79	312	iPd	23	35.00	-0.5	WET		95.27	319	iPc	24	16.90	2.0					ePP	33	29.00	
VTS		87.36	313	iP	23	38.00	-0.1		Z	20s		5.40um			6.0Msz					ePS	42	42.00	
VAY		87.60	312	iP	23	39.40	0.1	HFS		95.28	330	eP	24	15.20	0.6					eSS	59	20.00	
KZN		88.03	311	eP	23	43.00	1.4			0.7s		9.20nm			5.3mb					eSSS	55	32.00	
CLO		88.08	315	iPc	23	42.00	0.4		Z	19s		6.91um			6.1Msz		SBB	131.69	48	ePKP	30	06.00	1.1
DEV		88.15	316	ePc	23	45.00	3.1X					LR	01	28.00			GSC	132.15	46	ePKP	30	07.00	1.2
SKO		88.54	312	iP	23	44.80	0.9	CLL		95.29	321	ePc	24	16.00	1.1					e	33	32.00	
			iS	34	20.00					1.7s		36.00nm			5.5mb		SDW	132.28	47	PKP	30	07.50	1.4
			iSS	40	48.00				Z	20s		3.50um			5.8Msz		RVR	132.33	48	ePKP	30	08.00	1.9
VLS		88.61	308	eP	23	46.00	1.7	MOX		96.14	320	eP	24	21.00	2.2		BDW	132.55	34	PKP	30	05.00	-1.5
OHR		88.88	311	eP	23	44.00	-1.6		Z	20s		4.20um			5.9Msz		PLM	133.00	49	ePKP	30	10.00	2.4X
			i	23	50.30				N	22s		6.40um					TPC	133.26	48	ePKP	30	10.00	2.1
KJF		89.38	335	iP	23	47.50	0.1		E	20s		1.80um								e	33	36.00	
		0.8s	205.40nm			6.5mb						LQ	07	49.00			GLA	134.65	48	ePKP	30	14.00	3.4X
			i	23	57.80							LR	11	42.00			GOL	136.96	34	PKP	30	20.00	4.9X
			eSKS	34	28.00							e	24	27.00				Z 20s		1.00um			5.5Msz
SUF		89.71	333	eP	23	49.00	0 1					ePP	28	10.00			BMA	138.11	226	ePKP	30	22.90	5.5X
		0.6s	47.00nm			5.9mb						eSKS	35	00.00			ITA	138.70	226	ePKP	30	11.10	-7.7X
NUR		89.93	331	eP	23	50.00	0 1					eSS	43	00.00						e	30	21.30	
		0.8s	73.30nm			6.0mb		NRA0		96.37	330	P	24	20.00	0.4					e	30	26.00	
	Z	22s	4.50um			5.9Msz		GRF		96.37	319	eP	24	25.00	5.1X		RFA	139.07	189	e(PKP)	30	19.10	0.3
			LR	06	50.00					0.9s		20.00nm			5.6mb		ALO	139.44	40	ePKP	30	14.00	-5.7X
			i	24	00.80				Z	22s		6.30um			6.1Msz			Z 22s		3.98um			6.1Msz
			eSKS	34	28.00			NB2		96.53	331	P	24	21.60	1.2		VAO	139.89	223	ePKP	30	20.80	0.2
			eS	34	52.00					0.8s		11.10nm			5.4mb					e	30	33.40	
SNA		90.11	199	e(P)	23	49.00	-1.8	CDF		98.96	318	eP	24	34.20	2.5X		ITR	140.11	249	ePKP	30	12.00	-9.2X
SOD		90.59	338	iP	23	57.10	4 2X	WTS		99.15	322	eP	24	35.00	2.7X					e	30	26.40	
KRA		90.78	320	eP	23	53.50	-0.6			0.8s		2.00nm			4.7mb					e	30	29.30	
		1.5s	160.00nm			6.1mb						e	28	36.00			MNT	140.41	358	iPKPc	30	24.00	3.2X
	Z	20s	7.60um			6.1Msz		LPG		99.39	315	eP	24	48.00	14.0X		OTT	140.56	0	ePKP	30	19.00	-2.0
	N	26s	11.60um					HAU		99.60	318	eP	24	37.60	3.1X			0.5s		13.00nm			
	E	20s	8.80um							1.0s		12.00nm			5.4mb		PEL	140.98	187	ePKP	30	20.00	-2.3
			e	23	56.60			LOR		101.31	317	ePdiff	24	47.60	5.3X		SOB1	142.23	247	ePKP	30	20.40	-4.6X
			e	24	07.60					0.9s		13.10nm			5.5mb					e	30	31.70	
			eS	34	34.00			BGF		102.06	316	ePdiff	24	57.00	11.4X					e	30	39.80	
KEV		91.02	340	iP	24	00.50	5.6X	COL		102.79	25	ePdiff	24	58.00	9.6X		ACO	142.51	32	e(PKP)	30	21.80	-3.0X
		0.7s	53.40nm			6.0mb		DAG		102.87	349	iPdiff	24	47.70	-0.8		PCO	143.61	29	e(PKP)	30	29.70	3.0X
			i	24	06.50					0.6s		4.00nm			5.3mb		RRO	143.86	32	ePKP	30	30.70	3.5X
			eSKS	34	52.00			LSF		102.99	316	ePdiff	24	59.80	10.1X			1.4s		148.70nm			
SRO		91.55	318	eP	23	58.50	0.8	MBC		105.65	10	ePdiff	25	03.00	2.1		MEO	144.25	33	ePKP	30	25.20	-2.7X
ZST		92.40	318	eP	24	03.50	1.8	INK		106.88	19	ePdiff	25	09.00	2.6X		OCO	144.28	31	ePKP	30	24.70	-3.2X
			e	25	33.30			MAL		108.42	307	ePKP	29	02.00	-18.3X			1.6s		345.50nm			
			e	27	45.40			IFR		109.36	303	iPKP	29	29.50	7.1X		SIO	144.69	30	ePKP	30	27.10	-1.5
SOP		92.72	317	eP	24	04.80	1.7					i	29	49.00			LTX	144.72	45	PKP	30	28.50	-0.4
VKA		92.93	318	iP	24	05.80	1.7	YKA		116.65	19	ePdiff	26	04.50	14.4X		TBR	144.79	358	PKP	30	27.00	-1.5
		0.9s	27.30nm			5.7mb		YKA		116.65	19	ePKP	29	35.60	0.5		TUL	144.81	29	iPKPc	30	27.40	-1.3
	Z	20s	1.80um			5.5Msz		YKC		116.70	19	ePKPd	29	34.50	-0.7			1.0s		148.70nm			
			i	24	10.80					1.0s		22.00nm						Z 18s		6.10um			6.4Msz
			ePP	27	43.00			MCW		121.59	35	PKP	29	46.00	0.9					i	30	33.10	
KSP		93.19	321	eP	24	06.50	1.3	FRB		121.94	356	ePKP	29	44.00	-1.1		VCA	144.91	192	ePKPd	30	29.00	-0.3
		1.1s	50.00nm			5.9mb		GMW		122.20	36	PKP	29	47.70	1.5		RLO	144.96	28	ePKP	30	28.30	-0.7
			ic	24	16.50			BFW		122.48	37	PKP	29	48.00	1.2		FVM	145.28	21	PKP	30	27.70	-1.8
			e	27	49.00			PNT		123.03	33	ePKP	29	48.00	0.3		PRIN	145.57	359	PKP	30	29.70	-0.2
UPP		93.29	330	iP	24	07.00	1.6			0.7s		43.00nm					BHO	146.49	29	iPKPd	30	32.50	0.9
		0.6s	100.00nm			6.4mb		SHW		123.21	37	PKP	29	50.00	1.6		JCT	146.60	40	ePKP	30	32.00	0.1

28d 23h

1.0s 400.00nm
Z 22s 5.56um 6.3Msz

POW	146.62	23	PKP	30	32.00	0.3
SLA	148.07	198	ePKPd	30	38.80	4.2X
ANT	150.22	190	ePKP	30	43.80	6.1X
TPZ	151.18	200	ePKP	30	42.00	2.3
			i	30	48.20	
PIM	151.61	62	iPKP	30	43.00	3.1X
III	153.67	60	ePKP	30	44.80	1.7
TPM	153.75	58	iPKPd	30	43.50	0.3
ATB	154.87	250	e(PKP)	30	51.00	6.4X
CCH	155.10	202	PKP	30	56.50	11.3X
VHO	156.51	59	iPKP	30	50.00	3.0X
ARE	157.49	191	ePKP	30	55.00	6.7X
NNA	162.29	176	ePKP	31	00.00	6.8X
SJG	164.61	323	iPKPc	31	06.00	10.7X
CAR	170.13	299	ePKP	31	02.00	2.6X
SDV	174.10	302	ePKP	31	03.00	1.8
UPA	175.07	50	ePKP	31	02.50	1.3
	1.1s		50.63nm			
	Z 21s		4.48um			
			pP	32	42.00	
BOG	177.99	235	ePKP	30	59.00	-3.2X
			ePP	33	02.00	
CHN	179.17	187	ePKP	31	04.00	1.9

S.D. = 1.2 on 232 of 302 obs.

? DEC 28, 1985 23h 11m 01.42± 2.06s
33.723 N ±41.5km 137.326 E ±13.3km
DEPTH = 354.3 ± 5.3 km
4.2mb (2 obs.)
NEAR S. COAST OF HONSHU, JAPAN (230)

OYM	2.32	43	iPd	11	56.30	0.5
SRY	2.47	40	iPd	11	57.20	0.2
DDR	2.74	34	iPd	11	59.60	0.3
KYS	2.76	57	eP	11	58.90	-0.4
TOK	2.80	45	P	12	00.10	0.4
MAT	2.90	14	iPd	12	01.00	0.3
			iS	12	47.10	
TSK	3.37	42	iPd	12	03.60	-1.3
SHK	3.94	283	iPc	12	10.50	0.0
INK	58.83	26	eP	20	25.00	-0.4
YKA	68.32	28	eP	21	27.70	1.1
SUF	69.41	333	iP	21	32.90	-0.3
	0.3s		1.70nm		4.2mb	
NUR	71.26	331	eP	21	44.00	-0.3
NB2	75.90	336	P	22	10.80	0.0
	0.6s		2.60nm		4.1mb	

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

? DEC 29, 1985 00h 32m 34.36± 1.01s
27.896 N ±23.9km 44.018 W ±11.7km
DEPTH = 10.0km (geophysicist)
4.7mb (8 obs.)
NORTH ATLANTIC RIDGE (403)

FRB	39.20	343	eP	40	02.00	-1.9
RLO	43.61	294	eP	40	40.50	0.0
TUL	44.24	294	eP	40	46.20	0.5
	1.3s		16.60nm		4.7mb	
JCT	48.35	287	eP	41	18.00	-0.3
	1.0s		7.50nm		4.7mb	
NB2	49.29	32	P	41	28.80	3.7X
	1.1s		9.00nm		4.7mb	
HFS	50.24	33	eP	41	34.20	1.8
	0.4s		0.10nm		3.1mb X	
LTX	51.88	287	P	41	45.00	-0.3
	1.2s		4.35nm		4.3mb	
ALQ	53.00	294	eP	41	53.80	0.0
	1.4s		10.47nm		4.6mb	
BDW	54.22	304	P	42	02.50	-0.2
	0.9s		8.55nm		4.8mb	
NEW	58.79	312	eP	42	35.00	0.0
EUR	59.54	301	iP	42	40.30	-0.2
	0.2s		5.02nm		5.3mb	
GLA	60.29	294	P	42	45.80	0.9
BMN	60.27	303	P	42	45.30	-0.1
JAS1	63.29	301	P	43	06.80	1.2
BNG	63.75	99	ePd	43	08.10	-0.9
	0.6s		4.00nm		4.8mb	
INK	64.22	336	eP	43	11.00	-0.3
DZM	151.83	275	iPKPd	52	31.90	7.0X

S.D. = 0.9 on 15 of 17 obs.

& DEC 29, 1985 00h 37m 51.60s
40.465 N 127.263 W
DEPTH = 5.0km (geophysicist)
OFF COAST OF NORTHERN CALIFORNIA(34)
<BRK>. ML 4.0 (BRK).

FHC	2.52	81	eP	38	30.50	-3.4
			e(S)	39	00.00	
GAS	3.58	102	eP	38	46.40	-2.7
WDC	3.60	87	eP	38	46.80	-2.4
			eS	39	27.00	
LBFM	4.17	76	eP	38	56.00	-1.4
MIN	4.32	90	eP	38	56.90	-2.7
			e(S)	39	42.70	
ORV	4.52	100	eP	38	59.40	-2.9
BKS	4.68	122	iPnd	39	01.00	-3.6
			iPb	39	08.30	
			ePg	39	18.00	
			eSn	39	54.10	
			eSb	39	58.00	
			eSg	40	03.90	
PCC	4.82	126	eP	39	02.40	-4.2
			i	39	09.90	
			eS	39	55.10	
GCC	5.36	128	eP	39	10.50	-3.7
			i	39	17.30	
MHC	5.38	124	eP	39	10.70	-3.9
			e(S)	40	09.70	
ARN	5.44	123	eP	39	11.90	-3.6
SAO	5.86	127	iP	39	17.10	-4.2
JAS1	5.89	113	eP	39	20.60	-1.0
PRS	6.20	130	eP	39	21.60	-4.4
			eS	40	30.20	
FRI	6.85	118	eP	39	31.80	-3.3
			e(S)	40	46.80	

15 obs. associated

? DEC 29, 1985 00h 55m 24.54± 2.59s
38.887 N ±27.5km 44.440 E ±11.5km
DEPTH = 33.0km (normal)
4.4mb (1 obs.)
TURKEY-IRAN BORDER REGION (343)

TAB	1.69	118	eP	55	53.00	0.7
MSL	2.70	203	ePn	56	07.00	0.4
			eSn	56	39.00	
			eLg	56	44.50	
SLY	3.39	165	eP	56	16.00	-0.4
			i	56	22.00	
			iS	57	08.00	
KER	5.01	154	eP	56	49.00	9.5X
BHD	5.60	180	eP	57	40.00	52.3X
			e	58	33.00	
IR2	6.07	120	(P)	56	54.00	-0.5
BNG	41.58	221	ePd	03	10.70	-0.2
	0.5s		4.00nm		4.4mb	
YKA	77.56	350	eP	07	40.20	21.9X

S.D. = 0.7 on 5 of 8 obs.

% DEC 29, 1985 01h 44m 42.37± 1.68s
40.607 N ±14.3km 30.089 E ±13.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

GPA	0.36	152	iPg	44	48.10	-1.7
HRT	0.39	304	iPg	44	49.00	-1.3
			iSg	44	54.50	
YLV	0.55	266	iPg	44	51.50	-2.0
ISK	0.91	301	iPg	44	58.50	-1.2
			iSg	45	10.50	
KCT	1.37	255	iPn	45	06.50	-1.0
EDC	1.72	262	iPn	45	12.70	0.2

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

DEC 29, 1985 02h 36m 48.12± 0.51s
50.231 N ± 5.0km 12.430 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.5 (FUR), 2.7 (GRF).

HOF	0.36	283	iPgd	36	55.50	-0.1
MOX	0.67	309	ePg	37	01.00	-0.4
			iSg	37	10.00	
GRF	0.95	236	ePg	37	06.70	0.5
			eSg	37	21.50	
WET	1.13	165	ePg	37	09.20	0.0
CLL	1.14	18	iPg	37	09.50	0.1
			iSg	37	24.90	
BRG	1.16	56	iPg	37	10.00	0.2
			iSg	37	25.00	
KHC	1.33	145	iPg	37	12.20	-0.5
			iSg	37	30.00	
PRU	1.38	99	Pg	37	13.50	0.1
			Sg	37	30.50	
			e	37	31.50	
FUR	2.20	201	iPgc	37	31.70	6.4X

S.D. = 0.4 on 8 of 9 obs.

? DEC 29, 1985 02h 50m 16.22± 3.23s
24.851 S ±27.0km 179.890 E ±32.5km
DEPTH = 513.0 ± 21.9 km
4.7mb (2 obs.)
SOUTH OF FIJI ISLANDS (171)

NOU	12.58	279	iPc	53	02.00	0.3
DZM	12.65	280	iPc	53	02.60	0.1
KRP	13.55	195	P	53	12.00	0.4
GNZ	13.84	186	P	53	13.60	-0.9
			S	55	33.00	
MNG	16.15	192	P	53	31.30	-6.4X
			e	53	35.80	
			eS	56	15.00	
CAN	28.59	241	iPc	55	32.00	0.0
YOU	28.88	244	iPc	55	34.80	0.3
WAM	28.89	240	iPc	55	35.00	0.5
CTA	31.39	272	iPc	55	56.80	0.6
	0.7s		17.12nm		4.7mb	
ASPA	41.79	262	eP	57	21.00	-0.8
WB2	42.24	267	eP	57	24.80	-0.6
WRA	42.25	267	Pd	57	24.90	-0.6
SPA	65.30	180	iPd	00	09.30	0.7
	0.6s		13.67nm		4.7mb	
SOB1	127.78	125	e(PKP)	08	27.00	1.8X
SUF	138.27	342	ePKP	08	44.00	0.5X
NB2	143.00	351	PKP	08	51.60	-0.4X
	0.8s		7.10nm			
HFS	143.45	348	ePKP	08	52.80	0.1X
	0.5s		18.20nm			
CLL	151.73	343	iPKPd	09	16.20	10.1X
	0.9s		14.00nm			
BRG	151.85	341	iPKP	09	16.50	10.2X
BNG	152.91	224	iPKPd	09	18.10	9.2X
	0.5s		7.00nm			
			i	09	30.80	

S.D. = 0.7 on 12 of 20 obs.

? DEC 29, 1985 03h 09m 49.92± 2.49s
2.097 N ±32.3km 125.922 E ±20.4km
DEPTH = 33.0km (normal)
TALAUD ISLANDS (263)

AAI	6.18	158	ePd	11	21.90	0.6
WRA	23.41	160	Pc	14	57.20	0.2
WB2	23.41	160	eP	14	56.10	-1.0
			eS	18	54.50	
ASPA	26.76	164	eP	15	27.00	-1.8
KLB	34.39	192	eP	16	36.20	0.0
MUN	35.12	194	eP	16	42.50	0.0
NWAO	35.79	193	eP	16	48.50	0.4
ADE	38.77	163	iPd	17	13.30	0.1
BRS	39.09	140	iP	17	15.30	-0.7
YOU	41.89	152	eP	17	39.40	0.4
CAN	43.04	152	eP	17	49.30	1.0
WAM	43.70	153	eP	17	54.50	0.9

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

DEC 29, 1985 03h 14m 19.83± 0.58s
38.757 N ± 4.8km 27.351 E ± 8.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.37	191	iPg	14	28.00	0.6
EZN	1.33	324	iPn	14	44.30	-0.1
EDC	1.64	14	iPn	14	48.70	0.0
KCT	1.68	27	iPn	15	49.50	60.1X
YER	1.78	155	iPn	14	50.00	-0.9
YLV	2.39	40	ePn	15	00.00	0.3
ISK	2.65	29	ePn	15	07.00	3.6X
HRT	2.73	40	iPn	15	11.40	6.9X
GPA	2.75	55	ePn	15	05.10	0.2
KDZ	3.26	333	iP	15	12.00	0.0
			iS	16	05.00	
DIM	3.55	338	eP	15	23.00	6.9X
			eSg	16	13.00	
PVL	4.69	340	eP	15	32.00	-0.2
VTS	4.97	322	eP	15	40.00	3.8X

S.D. = 0.5 on 8 of 13 obs.

DEC 29, 1985 03h 22m 12.80± 0.34s
18.425 N ± 2.9km 68.819 W ± 2.7km
DEPTH = 132.6 ± 4.3 km
5.1mb (25 obs.)
MONA PASSAGE (89)
Felt throughout Puerto Rico.
Felt in eastern Dominicon Republic.

MCP	1.62	90	P	22 44.00	1.2
MGP	1.70	104	P	22 43.80	0.1
APR	1.98	89	P	22 47.40	0.3
SJG	2.56	97	iPc	22 54.00	-0.4
CSJ	3.04	90	P	23 00.00	-0.6
MTP	3.12	96	P	23 01.30	-0.4
SKI	5.89	100	iP	23 39.20	0.1
NEV	6.09	101	eP	23 42.20	0.4
MGH	6.52	104	eP	23 48.50	0.8
BPA	6.78	101	eP	23 49.50	-1.6
			S	25 05.00	
PAG	7.23	108	eP	23 56.72	-0.5
			S	25 14.00	
SEG	7.27	105	eP	23 57.44	-0.3
MGG	7.59	108	eP	24 02.26	0.1
SFG	7.59	105	eP	24 02.50	0.4
8BL	7.59	111	eP	24 01.22	-1.0
STH	7.60	269	iPd	24 01.35	-1.6
			iS	25 24.73	
MDN	7.75	112	eP	24 04.16	0.0
CAR	8.08	167	iPnd	24 09.00	0.2
	0.7s		30.14nm	5.0mb	X
FDF	8.22	115	eP	24 10.11	-0.5
BIM	8.39	116	eP	24 11.03	-1.6
CRM	8.41	115	iPc	24 13.12	0.0
LGN	8.57	196	iP	24 17.50	2.3
SLW	8.75	119	eP	24 16.93	-0.7
SLB	8.76	120	eP	24 17.30	-0.6
SVB	8.90	124	eP	24 19.60	-0.2
GRW	9.30	131	eP	24 24.70	-0.4
SDV	9.64	191	iP	24 31.00	1.2
	0.4s		24.70nm	5.3mb	X
TCE	10.28	137	iP	24 40.50	2.4
TRN	10.55	136	iPc	24 43.30	1.7
GCM	11.92	276	eP	25 00.00	0.3
8MG	12.02	201	iP	25 01.00	-0.1
FUO	13.74	201	eP	25 23.00	-0.6
UPA	14.01	229	iPd+	25 26.50	-0.2
	0.9s		270.59nm	5.5mb	X
BOG	14.64	201	eP	25 36.50	1.4
			eS	29 19.00	
CHN	14.93	207	eP	25 38.00	-0.6
HBF	17.79	327	P	26 12.40	-1.1
SGS	18.06	327	P	26 16.00	-0.7
PSO	19.05	207	iP	26 27.00	-0.9
LHS	19.23	329	P	26 27.70	-1.4
JSC	19.30	327	P	26 28.50	-1.3
PRM	19.73	325	P	26 34.00	-0.3
OUR	20.80	208	P	26 47.50	1.7
GFM	21.02	330	P	26 47.30	-0.3
NA2	21.12	340	P	26 48.70	0.4
8LA	21.31	334	P	26 50.80	0.6
	0.7s		104.57nm	5.3mb	
TKL	21.68	325	P	26 54.00	0.1
PRIN	22.45	348	P	27 03.00	1.7
RSCP	22.65	322	P	27 04.40	1.0
SKLY	25.87	351	P	27 34.80	1.1
ELC	25.95	321	P	27 34.00	-0.5
RSNY	26.48	351	P	27 40.00	0.7
ATB	27.07	141	e(P)	27 45.30	0.4
FVM	27.13	320	P	27 44.50	-0.7
OTT	27.50	349	eP	27 50.00	1.5
BHO	28.11	310	eP	27 54.30	0.2
RLO	29.09	313	eP	28 02.90	-0.1
TUL	29.51	312	ePc	28 06.80	0.2
	1.0s		260.00nm	5.9mb	
Z	18s		0.47um	4.2Msz	
SIO	29.79	311	e(P)	28 08.90	-0.3
JCT	30.55	299	iP	28 15.20	-0.7
	1.0s		60.00nm	5.3mb	
PCO	30.72	312	eP	28 17.20	-0.1
MEO	31.05	308	iPd	28 19.30	-0.9
RRO	31.16	309	iP	28 21.00	-0.2
	1.0s		100.90nm	5.5mb	
NNA	31.24	195	eP	28 21.20	-0.8
ACO	32.27	311	eP	28 30.40	-0.5
	1.3s		125.50nm	5.5mb	
LTX	33.55	295	P	28 41.50	-0.6
	0.6s		26.37nm	5.2mb	
ZOBO	34.48	179	Pc	28 49.80	-0.9
	0.5s		9.09nm	4.8mb	
			LR	38 50.00	
CNCB	35.02	179	P	28 54.10	-1.1
CCH	35.68	176	P	29 00.00	-0.5
SCH	36.36	2	eP	29 06.00	0.5
ALQ	37.18	304	eP	29 12.80	-0.1
	1.0s		39.50nm	5.2mb	
GLD	37.89	312	P	29 19.00	0.2
RSON	37.92	334	P	29 18.00	-0.7
	0.7s		32.09nm	5.2mb	
SOB1	38.90	133	eP	29 21.40	-5.9X
			e	29 27.10	
BDF	39.64	147	eP	29 31.80	-1.6
TPZ	39.76	175	P	29 32.60	-2.0
BDW	42.09	314	P	29 52.70	-0.7
DAU	42.45	310	P	29 56.50	0.0
MSU	42.58	307	P	29 58.00	0.5
GLA	43.59	299	eP	30 06.00	0.5
FFC	44.20	333	eP	30 09.00	-1.0
	0.8s		24.00nm	4.9mb	
TPC	44.74	300	eP	30 15.00	0.3
BAR	45.08	298	eP	30 18.00	0.6
FRB	45.28	0	eP	30 18.00	-0.4
PLM	45.32	299	eP	30 20.00	0.6
GSC	45.53	302	eP	30 22.00	1.0
SDW	45.65	301	P	30 23.00	1.0
EUR	45.68	308	iP	30 22.20	-0.1
	0.3s		20.19nm	5.3mb	
RVR	45.82	300	eP	30 24.00	0.8
SES	46.26	323	iPd	30 26.80	0.3
	1.1s		108.00nm	5.5mb	
SBB	46.28	301	eP	30 28.00	1.1
MWC	46.41	300	eP	30 29.00	0.9
CWC	46.73	303	eP	30 32.00	1.4
BMN	46.84	309	P	30 31.00	-0.3
			pP	31 05.00	151kmX
ISA	46.93	302	eP	30 34.00	2.0
MNA	47.13	306	eP	30 34.40	0.7
SYP	48.02	300	eP	30 42.00	1.4
BCH	48.18	301	P	30 42.80	1.0
PRI	48.76	302	eP	30 46.50	0.3
JAS1	48.81	305	eP	30 46.80	0.4
EDM	48.86	326	ePd	30 45.90	-0.7
NEW	49.03	319	ePd	30 47.50	-0.5
	0.9s		63.50nm	5.4mb	
LLA	49.04	303	eP	30 48.40	0.1
PRS	49.35	302	eP	30 50.80	0.2
SAO	49.46	303	eP	30 51.50	0.1
ORV	49.89	306	eP	30 54.20	-0.5
GAS	50.84	306	P	31 00.70	-1.3
WDC	50.84	308	eP	30 59.80	-2.1
PNT	50.93	319	eP	31 02.00	-0.5
	0.7s		9.00nm	4.7mb	
PGC	53.16	317	eP	31 18.00	-1.0
YKC	54.09	336	iPc	31 24.00	-1.7
	0.7s		14.00nm	5.0mb	
RSNT	54.14	336	P	31 25.00	-1.0
			pP	31 56.00	132kmX
YKA	54.15	336	eP	31 25.00	-1.1
FLN	62.13	44	eP	32 22.80	0.9
MFF	62.25	47	eP	32 23.50	0.8
EPF	62.53	51	eP	32 25.80	1.1
	0.7s		8.10nm	4.8mb	
MBC	63.29	348	eP	32 29.00	-0.1
	0.8s		34.00nm	5.3mb	
KIC	63.44	92	eP	32 30.40	-0.7
DAG	63.51	11	iPd	32 29.90	-0.6
	0.8s		9.70nm	4.8mb	
INK	63.74	338	iPc	32 30.60	-1.5
CAF	63.77	48	eP	32 33.10	0.3
ALE	64.19	1	eP	32 34.00	-0.9
	0.7s		17.00nm	5.1mb	
LOR	65.01	46	eP	32 41.10	0.4
DOU	65.49	43	P	32 54.00	10.3X
YAH	65.72	329	eP	32 46.40	1.1
ENN	66.34	42	eP	32 53.00	3.9X
	1.0s		8.00nm	4.6mb	
WTS	66.88	41	eP	32 54.00	1.5
	0.7s		5.00nm	4.5mb	
			e	33 22.00	
COL	68.80	333	eP	33 03.00	-1.2
FBA	68.80	333	eP	33 18.60	14.4X
	1.0s		40.00nm		
NB2	69.24	31	P	33 08.40	1.4
	0.8s		4.00nm	4.3mb	
PME	69.32	330	eP	33 07.10	-0.3
	1.0s		32.50nm	5.1mb	
HFS	70.50	32	eP	33 14.70	0.1
	0.7s		1.70nm	4.0mb	X
IMA	71.25	335	eP	33 18.60	-0.6
KHC	71.37	43	iP	33 22.00	1.8
KBA	71.47	46	i(P)	33 24.70	3.7X
			i	33 54.40	
			i	34 18.20	
KEV	74.87	21	eP	33 40.00	-0.1
SOD	75.24	23	iP	33 43.10	0.9
			i	34 12.70	
NUR	75.84	31	eP	33 56.00	10.3X
SUF	76.06	28	eP	33 48.00	1.1
	0.8s		3.20nm	4.1mb	
KJF	76.40	27	eP	33 49.00	0.2
BNG	86.12	87	iPc	34 41.20	0.5
	0.6s		34.00nm	5.4mb	
			i	35 14.20	
ADK	86.22	324	eP	34 40.50	0.2
KKN	127.66	29	ePKP	41 04.60	-0.1
	0.5s		8.00nm		
DMN	127.73	30	ePKP	41 04.80	-0.1
	0.4s		5.00nm		
PKI	127.90	29	ePKP	41 04.80	-0.6
	0.5s		5.00nm		
WAM	142.40	234	ePKP	41 27.50	-4.2X
CAN	142.57	236	ePKP	41 29.20	-2.9
YOU	143.35	237	ePKP	41 29.20	-4.2X
TOO	144.47	230	ePKP	41 33.00	-2.2X
8FD	146.77	229	ePKP	41 40.00	1.0
CTA	146.88	261	iPKPd	41 40.80	1.1
	0.8s		3.73nm		
NNT	147.18	21	ePKP	41 43.30	3.1X
ADE	150.54	231	iPKPc	41 50.10	5.1X
	S.D. = 1.0		on 141 of 152 obs.		

DEC 29, 1985 04h 22m 06.90± 1.28s
44.639 N ± 7.4km 9.584 E ±11.2km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 3.0 (LDG), 2.7 (KBA).

TMA	1.55	341	ePc	22 34.80	0.1
VDL	1.85	358	eP	22 39.50	0.4
OSS	2.09	11	eP	22 43.40	0.9
LPG	2.18	294	Pn	22 44.70	0.7
			Pg	22 48.20	
			Sg	23 16.10	
EMS	2.36	308	eP	22 48.70	2.3X
FRF	2.37	244	Pn	22 46.50	0.0
			Sn	23 14.30	
LMR	2.57	241	Pn	22 48.70	-0.6
			Sn	23 18.90	
LRG	2.61	244	Pn	22 50.40	0.6
			Sn	23 21.20	
CDR	2.91	252	eP	22 53.60	-0.5
			e	22 54.90	
			e	22 57.20	
			e	23 30.00	
			e	23 31.50	
TRI	3.14	69	eP	23 32.00	34.6X
			e	23 56.00	
SLE	3.22	347	eP	22 57.30	-1.2
KBA	3.59	46	iPnd	23 10.40	6.6X
			iPg	23 19.80	
			i	23 46.20	
			iSn	23 48.10	
			iSg	24 02.50	
			i	24 05.30	
HAU	4.05	327	Pn	23 10.30	0.1
CDF	4.10	338	Pn	23 09.80	-1.2
SMF	4.50	299	Pn	23 17.10	0.4
LBF	4.57	303	Pn	23 17.80	0.1
LOR	4.78	305	Pn	23 20.60	-0.1
AVF	4.87	298	Pn	23 22.20	0.3
BGF	5.10	294	Pn	23 25.10	-0.1
KHC	5.26	30	eP	23 52.20	24.7X
	S.D. = 0.7		on 16 of 20 obs.		

• DEC 29, 1985 04h 22m 57.71± 0.63s
5.694 S ±18.6km 104.403 E ±18.5km
DEPTH = 33.0km (normal)
4.6mb (4 obs.)
SOUTHERN SUMATERA (274)

29d 04h

PPI	6.56	322	eP	24	35.00	0.6
TRT	8.42	104	ePc	25	05.10	4.7X
			eS	25	29.00	
KHKI	11.43	104	ePd	25	42.20	0.4
			e(S)	27	52.00	
			e	29	28.00	
NAU	19.89	148	eP	27	29.00	-0.3
WRA	32.36	119	Pc	29	25.40	-1.2
	0.4s	9.20nm			5.0mb	
WB2	32.37	119	eP	29	25.80	-0.9
ASPA	33.54	125	iPc	29	36.70	-0.2
PKI	37.82	332	eP	30	18.10	4.6X
	0.4s	3.00nm			4.5mb	
KKN	38.07	332	eP	30	14.40	-1.0
	0.4s	5.00nm			4.7mb	
ADE	43.00	137	iPd	30	56.60	0.7
CTA	43.08	113	iPd	30	57.50	0.8
	1.0s	4.50nm			4.2mb	
STK	43.43	132	iPd	30	59.90	0.6
TUL	144.66	29	ePKP	42	32.30	-0.9
	0.8s	13.70nm				
			e	42	38.80	
RLO	144.82	28	ePKP	42	32.50	-0.9
BHO	146.34	30	ePKP	42	37.40	1.4
JCT	146.44	40	ePKP	42	37.20	0.8
	1.0s	25.00nm				
	S.D. = 0.9	on	14 of	16	obs.	

? DEC 29, 1985 04h 38m 21.83± 1.67s
5.657 S ±39.9km 104.269 E ±28.6km
DEPTH = 33.0km (normal)
SOUTHERN SUMATERA (274)

PPI	6.45	323	eP	39	56.00	-1.0
TRT	8.55	104	ePd	40	30.00	3.6X
IPM	10.67	342	ePc	40	56.30	0.7
			e	44	12.90	
KHKI	11.57	104	eP	41	07.20	-0.6
			e(S)	43	16.50	
			e	45	11.50	
WB2	32.51	119	eP	44	52.20	0.2
JCT	146.50	40	iPKP	58	01.20	0.6
	0.8s	11.57nm				
	S.D. = 1.1	on	5 of	6	obs.	

DEC 29, 1985 05h 47m 56.92± 1.18s
20.188 S ± 7.9km 70.847 W ± 9.2km
DEPTH = 51.3 ± 11.6 km
4.5mb (2 obs.)
NEAR COAST OF NORTHERN CHILE (122)

ANT	3.52	174	iPc	48	50.40	-0.1
ARE	3.76	351	iP	48	49.60	-4.5X
CNCB	4.32	39	iP	49	09.00	6.7X
LPB	4.48	38	Pd	49	05.60	1.3
	1.2s	62.50nm				
			S	50	15.00	
			LR	50	46.00	
ZOBO	4.68	34	iPc	49	08.20	0.9
	1.0s	122.50nm				
			LR	50	44.00	
TPZ	4.96	106	eP	49	17.00	5.8X
CCH	5.26	59	eP	49	22.00	6.7X
SLA	6.70	133	eP	49	38.80	3.4X
VCA	8.85	165	ePd	50	21.00	15.9X
MNA	9.98	324	eP	50	18.50	-2.1
			eS	21	25.00	
PSO	22.18	343	eP	52	52.00	1.3
BDF	22.28	82	e(P)	52	51.00	-0.4
VAO	22.37	102	eP	52	52.30	0.1
ITA	24.45	100	eP	53	12.50	-0.2
			e	53	13.40	
			e	53	17.20	
ATB	24.74	50	e(P)	53	13.10	-2.0
BOG	24.86	352	eP	53	16.50	-0.1
SOB1	30.90	74	eP	54	10.10	-1.0
			e	54	18.90	
BHO	58.88	337	e(P)	57	53.20	0.3
RLO	60.54	338	eP	58	04.10	-0.2
TUL	60.59	337	eP	58	03.90	-0.7
	1.1s	11.90nm			4.9mb	
ALQ	64.42	328	eP	58	31.00	0.6
SPA	69.94	180	eP	59	05.50	0.8
	1.0s	2.50nm			4.1mb	
EDM	81.82	336	eP	00	11.50	-0.2
YKA	89.36	341	eP	00	50.40	1.6
	S.D. = 1.1	on	18 of	24	obs.	

DEC 29, 1985 06h 39m 14.58± 0.24s
5.947 S ± 5.2km 104.234 E ± 6.1km
DEPTH = 33.0km (normal)
5.3mb (29 obs.) 5.2Msz (6 obs.)
SOUTHERN SUMATERA (274)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN.
L.P.B.: 12S, 21C
Centroid Location:
Origin Time 06:39:12.3 1.5
Lat 5.94S 0.15 Lon 103.88E 0.09
Dep 25.0 7.5 Half-duration 1.6
Moment Tensor; Scale 10**23 D-CM
Mrr=-0.52 0.66 Mtt=-5.64 0.72
Mff= 6.16 1.11 Mrt= 8.22 2.73
Mrf=-3.20 1.98 Mtf= 7.59 0.61
Principal Axes:
T Val= 9.96 Plg= 6 Azm=299
N 4.82 58 39
P -14.78 32 205
Best Double Couple:Mo=1.2*10**24
NP1:Strike=347 Dip=63 Slip=-161
NP2: 248 73 -28

KGM	7.96	353	eP	41	11.00	0.1
			e	43	22.90	
TRT	8.52	102	ePd	41	21.50	2.8X
	0.5s	62.90nm			6.0mb X	
PSI	10.09	328	ePd	41	38.50	-1.8
	0.7s	10.80nm			5.2mb	
IPM	10.94	343	ePd	41	49.70	-2.2
			e	42	55.40	
			e	45	16.00	
KHKI	11.54	103	ePd	41	58.30	-1.8
			eS	44	04.20	
			e	48	21.00	
MKS	15.18	88	iPc	42	51.50	3.2X
KKM	16.88	45	ePd	43	14.70	4.5X
	1.5s	381.70nm			5.3mb	
NNT	18.95	346	eP	43	34.80	-0.9
NAU	19.76	148	eP	43	43.50	-1.4
PCT	20.68	352	eP	43	57.20	2.7X
PPR	21.27	43	ePd	44	06.00	5.5X
	1.0s	69.00nm			5.0mb	
KHT	21.34	345	eP	43	58.70	-2.5
MBL	21.38	136	eP	44	03.00	1.4
LOE	23.33	354	eP	44	23.00	2.1
BDT	23.62	347	eP	44	25.20	1.6
MEK	24.67	148	eP	44	32.00	-1.9
DAV	24.92	59	eP	44	38.00	1.7
			eS	49	08.00	
CHG	25.15	348	iPd	44	37.40	-1.1
	0.8s	16.42nm			4.7mb	
			eS	50	16.00	
QIZ	25.43	12	eP	44	42.40	1.4
			PP	45	31.00	
PGP	25.47	41	iPc	44	42.00	0.5
	0.5s	48.00nm			5.4mb	
KNA	25.96	114	eP	44	44.50	-1.5
MAN	26.42	39	eP	44	50.00	-0.3
BAG	27.48	36	eP	45	02.20	2.0
MUN	28.21	158	eP	45	07.00	0.5
HKC	29.71	19	e(P)	45	30.00	10.0X
KMI	30.92	357	eP	45	36.00	5.1X
	E 14s	8.00um				
			PP	46	43.00	
			S	50	35.00	
			sS	51	27.00	
KOD	31.13	301	eP	45	34.60	1.6
GYA	32.30	4	P	45	44.80	1.9
			PcP	48	35.80	
			S	51	02.00	
WRA	32.39	118	Pc	45	41.80	-1.9
	0.6s	8.50nm			4.8mb	
WB2	32.40	118	eP	45	41.90	-1.9
			e	48	36.10	
GBA	32.94	306	P	45	47.00	-1.5
ASPA	33.54	125	eP	45	52.00	-1.7
HYB	34.39	313	eP	46	01.00	-0.1
	1.0s	40.00nm			5.3mb	
CD2	36.65	359	eP	46	18.70	-1.4
			PP	47	50.80	
			eS	52	00.00	
WHN	37.55	14	eP	46	28.00	0.4
			PP	48	05.00	
LSA	37.60	341	eP	46	29.50	0.9
PKI	37.97	332	eP	46	30.80	-0.7
	1.0s	36.00nm			5.2mb	
DMN	38.14	332	eP	46	31.00	-1.9
	0.9s	30.00nm			5.1mb	
KKN	38.21	332	eP	46	30.80	-2.7
	0.7s	34.00nm			5.3mb	
POO	38.59	310	eP	46	35.50	-1.1
			iS	52	38.00	
XAN	40.01	6	P	46	50.00	1.8
			S	52	55.00	
SSE	40.24	23	e(P)	46	47.20	-2.8
	Z 20s	2.90um			5.1Msz	
	N 16s	1.00um				
	E 17s	3.90um				
			epP	46	58.30	39kmX
			eS	53	01.00	
NJ2	40.27	19	eP	46	52.40	2.1
LZH	41.81	360	eP	47	06.20	3.2X
	2.2s	57.00nm			4.9mb	
	N 13s	2.70um				
ADE	42.93	137	iPd	47	12.50	0.3
	0.6s	46.67nm			5.4mb	
CTA	43.14	113	iPc	47	15.40	1.4
	1.2s	117.97nm			5.5mb	
			i	49	07.00	
			iS	53	40.00	
NDI	43.16	324	iPc	47	11.20	-2.8
	0.7s	109.59nm			5.7mb	
			iS	53	36.50	
STK	43.39	131	eP	47	16.00	0.1
	0.6s	89.00nm			5.7mb	
TIA	43.64	15	eP	47	17.40	-0.4
			PcP	49	09.00	
			eS	53	48.30	
TIY	44.10	9	eP	47	22.40	0.8
GTA	45.31	355	P	47	32.00	0.6
			PcP	49	13.00	
			eS	54	16.50	
BTO	46.62	6	eP	47	45.00	3.4X
			eS	54	33.50	
BFD	46.74	137	eP	47	43.00	0.5
HHC	47.05	8	Pd	47	47.40	2.4
BJI	47.06	13	eP	47	44.00	-1.0
	N 17s	1.50um				
	E 16s	2.00um				
			eS	54	49.00	
CAN	50.45	132	eP	48	13.10	1.7
			e	48	17.70	
			e	49	35.00	
SNY	50.72	19	eP	48	13.40	0.2
WAM	50.73	133	eP	48	11.70	-1.8
			e	48	14.90	
BRS	50.75	121	P	48	13.70	-0.1
WMQ	51.74	345	Pd	48	19.80	-1.3
			ScP	53	29.30	
			S	55	39.50	
			ScS	58	07.50	
MAT	52.89	34	eP	48	28.00	-1.8
	1.5s	133.33nm			5.7mb	
	Z 20s	0.53um			4.6Msz	
			eS	55	57.00	
CN2	53.10	19	Pd	48	31.00	-0.1
			eS	56	00.00	
MDJ	55.26	22	eP	48	46.50	-0.4
AVY	56.44	251	eP	48	56.00	-0.1
DZM	62.06	112	IPc	49	34.50	-0.3
NOU	62.08	112	IPc	49	40.50	5.6X
MSZ	67.25	136	P	50	09.00	1.0
NAI	67.42	271	eP	50	12.00	2.0
	0.7s	13.70nm			5.2mb	
BHD	68.75	309	ePd	50	19.80	2.2
SLY	68.83	312	ePd	50	21.00	3.0X
MSL	70.89	312	eP	50	29.00	-1.6
KRP	71.63	128	P	50	43.80	8.7X
MTD	71.72	254	iPd	50	34.40	-1.7
RTB	71.85	307	eP	50	42.00	5.4X
MNG	71.93	131	eP	50	38.00	1.1
KRI	73.60	254	eP	50	46.00	-1.2
BUL	74.49	251	iPd	50	51.00	-1.3
SLR	74.80	245	iPc	50	53.00	-1.0
	1.0s	70.00nm			5.6mb	
LWI	75.29	269	ePc	51	00.00	2.8
CSS	77.96	307	eP	51	12.50	1.1
SBA	78.59	169	eP	51	14.90	0.8
HRT	82.31	312	eP	51	33.30	-1.2
JSK	82.81	313	iP	51	37.30	0.2
SPA	84.09	180	eP	51	40.00	-3.3X
	1.0s	5.00nm			4.6mb	

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WIN    85.11 248 eP     51 51.80   2.5
       1.2s    39.06nm          5.5mb
DIM    85.58 313 eP     51 51.00   0.0
VRI    85.60 317 iPd    51 52.50   1.4
KDZ    85.66 312 eP     51 52.00   0.5
MLR    86.05 316 ePc    51 54.00   0.5
BNG    86.18 275 iPc    51 54.00  -0.6
       0.9s    26.00nm          5.5mb
                 i      52 16.20
CMP    86.63 316 iPc    52 00.00   3.8X
VTS    87.42 313 iP     52 01.00   1.0
CLO    88.14 315 iPc    52 04.50   1.1
KJF    89.49 335 iP     52 09.20  -0.2
       0.7s    32.00nm          5.7mb
                 i      52 14.90
SUF    89.81 333 iP     52 11.00   0.1
       0.5s     6.30nm          5.1mb
NUR    90.03 331 iP     52 12.20   0.3
       0.6s    11.70nm          5.3mb
     Z  21s     0.40um           4.8Msz
                 i      52 17.80
                LR      35 00.00
SOD    90.70 338 iP     52 18.90   3.9X
KRA    90.86 320 ePd    52 21.60   5.6X
       1.7s   212.00nm          6.2mb
                 e      52 26.50
                 e      55 56.30
SRO    91.62 318 eP     52 21.00   1.4
                 i      52 25.80
ZST    92.47 318 eP     52 27.50   4.0X
LJU    94.03 316 e(PKP) 52 31.00   0.3
                 e      52 36.80
PRU    94.31 320 eP     52 34.00   2.1
                 e      52 37.20
BRG    94.75 321 iPKPd  52 39.10   5 2X
                iSKP    56 25.50
KHC    94.88 319 P      52 39.10   4.4X
BHG    95.27 317 iPc    52 41.40   5.0X
WET    95.34 319 eP     52 41.90   5.1X
       1.3s    41.00nm          5.7mb
CLL    95.37 321 iP     52 41.00   4.2X
       1.4s    23.00nm          5.4mb
                 e      56 30.00
HFS    95.38 330 eP     52 36.40  -0.2
       0.4s     2.80nm          5.1mb
MOX    96.22 320 eP     52 46.00   5.3X
       0.1s    31.00nm          6.6mb X
                ePP     56 37.00
                LR      39 42.00
GRF    96.44 319 ePKP   52 47.50   5.7X
OGA    96.49 316 iPc    52 47.50   5 2X
NB2    96.63 331 P      52 42.40   0.6
       1.3s    10.40nm          5.2mb
YKA   116.80  19 ePKP   57 57.10   0 1
PNT   123.18  33 ePKP   58 10.00   0.4
       1.2s    39.00nm
EDM   123.79  26 ePKPc  58 10.70   0.0
NEW   125.13  33 PKP    58 15.00   1.5
WDC   125.84  43 ePKP   58 15.40   0 3
MIN   126.58  43 ePKP   58 17.10   0.4
FFC   126.98  19 ePKP   58 16.00  -0.8
       0.8s     5.00nm
ORV   127.02  44 ePKP   58 18.10   0.8
JAS1  128.50  45 ePKP   58 21.60   1 4
PRI   129.11  47 ePKP   58 23.90   2.3
LRM   129.15  33 ePKP   58 21.10  -0.4
FRI   129.43  46 ePKP   58 23.50   1 5
BMN   129.46  41 PKP    58 23.80   1.6
MNA   129.84  44 ePKP   58 28.40   5.4X
SYP   130.29  49 ePKP   58 31.00   7.1X
EUR   130.78  41 iPKP   58 25.10   0.3
       0.3s     1.92nm
CWC   130.85  46 ePKP   58 31.00   6.1X
ISA   130.91  47 ePKP   58 31.00   6.0X
PAS   131.81  49 ePKP   58 33.00   6.4X
SBB   131.83  48 ePKP   58 27.00   0.3
MWC   131.86  48 ePKP   58 32.00   5.0X
GSC   132.29  47 ePKP   58 28.00   0.4
RVR   132.47  48 ePKP   58 31.00   3.1X
BDW   132.70  34 PKP    58 29.00   0.6
RSON  132.80  15 PKP    58 27.80  -0.1
PLM   133.14  49 ePKP   58 37.00   7.6X
TPC   133.40  48 ePKP   58 32.00   2.3
BAR   133.58  50 ePKP   58 38.00   8.0X
GOL   137.11  34 PKP    58 35.00  -1.9
     Z  20s     0.75um           5.4Msz
ITA   138.56 226 ePKP   58 24.30 -15 8X

ALO   139.59  40 ePKP   58 35.00  -6.5X
VAO   139.75 223 ePKP   58 41.60  -0.3
                 e      58 53.40
ITR   140.01 249 ePKP   58 39.20  -3.3X
                 e      58 48.90
SOB1  142.12 247 ePKP   58 40.70  -5.7X
                 e      58 46.90
                 e      58 52.40
ACO   142.66  32 ePKP   58 46.10  -0.5
       1.2s     9.30nm
RRO   144.02  32 e(PKP) 58 48.60  -0.4
       0.9s    48.00nm
MEO   144.40  33 ePKP   58 47.40  -2.3
SIO   144.84  30 ePKP   58 49.10  -1.2
LTX   144.86  45 PKP    58 49.30  -1.4
     Z  20s     0.76um           5.5Msz
TUL   144.96  29 ePKPd  58 49.90  -0.6
       1.2s   446.60nm
                 e      58 54.80
BDF   145.04 232 ePKPd  58 50.50  -0.9
                 e      58 58.00
FVM   145.43  21 PKP    58 50.00  -1.3
BHO   146.64  29 ePKP   58 53.20  -0.2
JCT   146.74  40 ePKP   58 54.40   0.7
       0.9s   147.06nm
     Z  20s     1.24um           5.7Msz
SLA   147.91 198 ePKPc  59 00.20   4.3X
BLA   148.59   7 PKP    58 59.30   2.8X
ANT   150.07 190 iPKP   59 05.50   6.5X
TPZ   151.03 200 ePKP   59 04.00   3.0X
PIM   151.73  62 iPKP   59 09.00   7.4X
III   153.79  60 ePKP   59 11.50   6.7X
TPM   153.87  58 iPKP   59 10.00   5.1X
ATB   154.76 249 PKPd   59 10.40   4.4X
CCH   154.95 202 ePKP   59 14.00   7.5X
CNCB  156.12 199 iPKP   59 15.00   6.5X
LPB   156.41 199 PKPc   59 15.00   6.3X
       1.0s    20.00nm
VHO   156.63  60 iPKP   59 15.00   6.3X
ZOBO  156.67 199 PKP    59 15.00   5.8X
     Z  24s     0.70um           5.4MszX
                LR      53 10.00
NNA   162.15 177 ePKP   59 22.20   7.6X
PSO   175.03 162 ePKP   59 26.00   2.7X
BOG   177.86 232 ePKP   59 28.00   4.3X
      S.D. = 1.4  on 117 of 172 obs.

   DEC 29, 1985  07h 17m 02.26± 0.84s
   42.418 N ± 9.0km   19.848 E ± 5.1km
   DEPTH =  10.0km  (geophysicist)
 YUGOSLAVIA                        (383)
      DUR 3.2 (TTG).

PVY    0.20  28 iPg    17 06.00  -0.7
                eSg    17 10.60
TTG    0.44 272 iPg    17 09.50  -1.6
                iSg    17 18.50
IVA    0.45   5 ePg    17 10.70  -0.8
                eSg    17 20.30
BDV    0.77 260 ePg    17 16.50  -0.8
                eSg    17 30.00
HCY    1.00 272 ePg    17 20.50  -0.7
                eSg    17 37.00
VTS    2.48  85 iP     17 42.00  -1.4
                iSg    18 15.00
MMB    3.01 105 eP     17 53.00   2.1
                iS     18 35.00
CLO    3.41  38 iPd    17 56.00  -0.5
PVL    3.99  78 eP     18 12.00   7.3X
KDZ    4.17  99 eP     18 19.00  11.7X
DIM    4.27  93 eP     18 13.00   4.2X
CEY    5.13 312 ePn    18 22.70   1.8
                eSn    19 27.20
LJU    5.26 315 e(Pn)  18 24.70   1.8
                e(Sn)  19 29.00
MLR    5.37  53 eP     18 24.00  -0.4
TRI    5.48 309 ePn    18 26.40   0.5
                eSn    19 30.60
                eSg    20 05.00
VOY    5.60 312 ePn    18 28.70   1.0
                eSn    19 36.30
KBA    6.57 317 ePn    18 41.00  -0.4
                i      18 43.00
                i(Sn)  20 04.00
KHC    8.01 329 P      19 01.50   0.0
                e      20 29.90
                e      21 36.50

      S.D. = 1.3  on  15 of  18 obs.

*  DEC 29, 1985  07h 23m 33.74± 0.66s
   28.085 N ±12.4km  140.480 E ±12.1km
   DEPTH =  33.0km  (normal)
   5.0mb (  1 obs.)
 BONIN ISLANDS REGION              (212)

CBI    1.80 123 eP     24 04.00   1.0
                eS     24 24.00
MAT    8.65 348 eP     25 41.00   1.4
       1.0s    21.00nm          5.2mb X
                eS     27 34.00
DL2   19.03 309 P      27 58.00   2.4
NJ2   19.12 287 Pc     28 01.00   4.3X
TIA   21.34 298 eP     28 21.10   1.0
WHN   22.90 282 eP     28 38.50   2.8X
BJI   23.32 307 eP     28 38.50  -1.2
                eS     32 54.00
                eSS    33 50.00
TIY   25.35 299 eP     29 00.40   1.0
HHC   26.89 306 eP     29 13.40  -0.3
XAN   27.61 290 eP     29 19.80  -0.4
BTO   27.93 305 eP     29 22.00  -1.1
GTA   35.38 299 P      30 26.70  -1.8
WMQ   44.77 305 eP     31 45.50  -0.6
WB2   48.11 188 eP     32 12.80   0.3
                i      32 15.20
WRA   48.11 188 Pd     32 16.00   3.5X
       0.9s    15.20nm          5.0mb
COL   57.20  29 eP     33 18.00  -1.6
INK   62.76  25 eP     33 57.00  -0.7
YKA   71.99  28 eP     34 56.20   0.5
YKC   72.05  28 eP     34 56.00  -0.1
LRM   81.18  43 eP     35 58.50  10.7X
      S.D. = 1.3  on  16 of  20 obs.

   DEC 29, 1985  07h 54m 30.37± 0.28s
   13.434 S ± 4.8km   166.211 E ± 6.2km
   DEPTH =  33.0km  (normal)
   5.3mb (  9 obs.)  5.2Msz (  4 obs.)
 VANUATU ISLANDS                   (186)

PVC    4.74 155 iP     55 41.50   0.2
HNR    7.32 302 eP     56 26.00   8.3X
                eS     57 46.00
SVO    7.58 304 P      56 22.00   0.6
                S      56 39.00
VSG    7.61 302 eP     56 22.00   0.2
DZM    8.59 179 iPc    56 32.90  -2.7
                iS     58 13.00
NOU    8.83 179 iPc    56 37.50  -1.2
                iS     58 24.50
NDF   11.65 113 eP     57 21.00   3.6X
VUN   12.64 113 eP     57 33.20   2.5
BRS   18.72 220 P      58 52.50   3.8X
                i      59 20.00
                iS     02 20.00
PMG   19.10 280 eP     58 55.00   1.7
CTA   20.21 248 iPd-   59 05.80   0.4
       1.2s    70.31nm          4.9mb
                iS     02 50.00
RMQ   20.89 229 eP     59 14.00   1.6
COO   21.58 215 eP     59 21.00   1.6
RIV   24.48 211 eP     59 49.00   1.3
                eS     04 12.00
KRP   25.77 163 P      00 05.90   6.1X
CMS   25.95 223 eP     00 02.00   0.4
CAN   26.76 213 eP     00 09.80   0.7
STK   29.09 227 eP     00 31.00   0.8
TOO   30.31 214 eP     00 41.00  -0.1
WB2   31.16 254 eP     00 48.10  -0.6
MSZ   31.16 178 P      00 49.00   0.6
WRA   31.17 254 Pc     00 48.20  -0.6
       1.3s    34.10nm          5.0mb
BFO   31.71 218 eP     00 54.00   0.7
ASPA  32.21 247 iPc    00 57.10  -0.8
ADE   32.81 224 e(P)   01 06.50   3.5X
GUA   34.11 321 e(P)   01 06.20  -8.2X
     Z  18s     2.61um           5.0Msz
KNA   36.28 262 eP     01 34.00   1.1
MEK   46.41 246 eP     02 55.00  -0.9
BAG   53.97 302 eP     03 50.00  -3.9X
                eS     11 31.00
MAT   56.29 333 eP     04 10.00  -0.2
       1.2s    18.75nm          5.0mb
                eS     11 54.00
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29d 08h

SSE	61.88	317	eP	04 53.00	4.0X
	Z 20s		1.20um		5.1Msz
	N 18s		0.90um		
	E 18s		1.00um		
			S	13 12.00	
NJ2	64.04	316	eP	05 04.10	0.8
SBA	64.42	180	e(P)	05 03.60	-1.6
WHN	66.32	312	eP	05 16.00	-2.0
MDJ	66.66	332	eP	05 19.50	-0.5
IPM	67.12	281	ePd	05 23.40	-0.1
SNY	67.57	327	iPc	05 24.00	-1.7
			S	14 24.00	
TIA	67.69	319	eP	05 22.40	-4.3X
CN2	68.01	329	eP	05 26.80	-1.7
			eS	14 26.00	
PSI	68.62	278	eP	05 34.00	1.1
BJI	70.62	321	eP	05 44.00	-0.6
			eS	14 57.00	
			eSKS	15 46.00	
TIY	71.62	318	eP	05 50.60	-0.2
XAN	72.06	313	P	05 54.20	0.7
HHC	73.94	320	eP	06 04.00	-0.4
CD2	74.41	308	eP	06 07.30	0.0
			S	15 42.00	
BTO	74.78	319	P	06 09.00	-0.3
SPA	76.65	180	iPc	06 18.00	-1.6
	1.0s		25.00nm		5.2mb
	Z 20s		1.49um		5.3Msz
LZH	76.69	312	P	06 20.00	-0.3
	2.1s		86.00nm		5.4mb
GTA	81.03	314	P	06 44.00	0.2
			S	16 55.50	
COL	85.44	18	eP	07 02.00	-3.6X
PKI	88.18	299	eP	07 20.00	-0.1
	0.9s		23.00nm		5.5mb
KKN	88.35	299	eP	07 21.20	0.4
	0.8s		19.00nm		5.5mb
DMN	88.45	299	eP	07 21.70	0.4
	1.0s		54.00nm		5.8mb
EUR	89.27	49	iP	07 27.00	2.0
	0.2s		3.35nm		5.3mb
WMO	91.09	315	eP	07 31.80	-1.3
INK	92.00	19	eP	07 38.00	1.4
YKA	96.87	27	eP	08 00.10	1.1
UPA	115.51	86	(Pdiff	09 44.00	20.6X
	Z 19s		0.69um		5.3Msz
KJF	121.77	340	ePKP	13 20.00	-2.1
SUF	123.27	339	iPKP	13 24.80	-0.2
	0.6s		3.10nm		
NUR	125.29	338	ePKP	13 28.00	-1.0
MTD	126.05	237	ePKP	13 31.00	-0.9
BUL	126.59	232	ePKP	13 32.20	-0.8
NB2	129.11	345	PKP	13 35.90	-0.5
	0.7s		2.10nm		
BRG	136.41	335	ePKP	13 54.00	3.5X
	1.4s		19.00nm		
			i	17 24.00	
KHC	137.87	333	PKP	13 53.50	0.1
ATB	138.40	111	e(PKP)	13 53.20	-2.1X
GRC	143.41	341	iPKPd	14 08.00	4.8X
BGF	144.13	340	ePKP	14 03.30	-1.2
	1.0s		12.00nm		
TCF	144.58	341	ePKP	14 04.60	-0.7
LSF	144.83	341	ePKP	14 05.30	-0.4
	1.2s		35.70nm		
SOB1	144.93	128	ePKP	14 02.90	-3.9X
			e	14 05.50	
			e	14 07.50	
			e	14 11.40	
CVF	144.98	330	ePKP	14 06.00	-0.1
MFF	145.00	344	ePKP	14 05.80	-0.2
FRF	145.22	334	ePKP	14 06.80	0.4
LRG	145.43	334	ePKP	14 07.70	0.9
LMR	145.46	333	ePKP	14 07.80	1.0
RJF	145.68	341	ePKP	14 08.50	1.3
	1.2s		29.70nm		
CAF	145.83	340	ePKP	14 08.70	1.2
LFF	146.25	341	ePKP	14 10.10	2.0X
LPO	146.34	341	ePKP	14 11.10	2.8X
BNG	146.87	257	iPKPc	14 10.00	-0.1
	1.5s		89.00nm		
			i	14 28.20	
			i	15 16.20	
ITR	147.07	131	ePKP	14 07.80	-2.5X
			e	14 17.40	
			e	14 27.20	
			e	14 33.80	
LGR	149.47	343	ePKP	14 19.00	5.7X
CAI	149.49	129	e(PKP)	14 09.80	-4.4X
EBR	149.99	338	ePKP	14 26.00	11.9X
TOL	152.29	344	ePKP	14 24.00	6.4X
	S.D. = 1.1		on 65 of 87 obs.		

* DEC 29, 1985 08h 41m 57.39± 0.89s
21.171 S ± 6.9km 69.087 W ±13.5km
DEPTH = 164.4 ± 11.9 km
NORTHERN CHILE (123)

ANT	2.81	206	iPd	42 43.50	0.1
			iS	43 10.20	
TPZ	3.16	96	Pc	42 48.00	-0.2
			e	43 28.50	
CNCB	4.46	14	P	43 05.00	-0.3
CCH	4.68	37	P	43 08.50	0.5
LPB	4.71	12	eP	43 07.00	-1.4
			LR	51 42.00	
SLA	4.85	138	ePd	43 10.00	0.0
ZOBO	4.96	11	Pc	43 13.10	1.2
	0.6s		4.36nm		
	Z 24s		0.48um		
			LR	51 15.00	
VAO	20.58	99	eP	46 24.50	-0.5
BDF	20.82	78	ePc	46 28.50	0.9
ITR	32.02	72	e(P)	48 10.00	-0.4
	S.D. = 0.9		on 10 of 10 obs.		

DEC 29, 1985 08h 56m 56.34± 1.04s
38.552 N ±11.7km 88.965 W ± 4.3km
DEPTH = 5.0km (geophysicist)
SOUTHERN ILLINOIS (488)
mbLg 3.5 (NEIS). Felt (V) at Dix, Odin, Salem and Sandoval. Felt (IV) at Bluford, Hoffman, Hoyleton and Kell. Also felt at Centralia, Iuka, Mt. Vernon and Walnut Hill.

ELC	1.28	189	eP	57 19.50	-1.1
FVM	1.28	244	eP	57 20.00	-0.6
DMV	1.95	199	eP	57 31.00	0.7
POW	2.98	217	eP	57 46.00	0.9
PWLA	3.64	168	eP	57 53.90	-0.6
OLY	3.64	214	eP	57 55.00	0.4
RSCP	4.00	136	eP	58 01.00	1.4
TKL	5.06	123	eP	58 14.00	-0.6
RLO	5.38	246	iPn	58 19.30	0.0
			iSn	59 19.70	
TUL	6.05	246	ePn	58 28.70	0.0
			ePg	58 46.00	
			eSn	59 36.60	
			eSg	59 53.70	
GFM	6.20	111	eP	58 31.50	0.5
BHO	6.32	231	ePn	58 32.20	-0.3
			eSn	59 42.80	
			eSg	00 13.70	
BLA	6.89	99	eP	58 40.00	-0.5
	0.8s		44.03nm		5.6mb X
PRM	6.95	128	eP	58 41.00	-0.3
ACO	8.29	260	(Pn)	58 57.90	-2.2X
RSON	12.75	346	eP	59 57.00	-4.0X
ALQ	14.48	261	e(P)	00 30.00	5.9X
YKA	28.61	335	eP	03 06.50	11.2X
	S.D. = 0.7		on 14 of 18 obs.		

? DEC 29, 1985 09h 04m 25.95± 6.94s
45.715 N ±16.2km 26.453 E ±31.1km
DEPTH = 145.2 ± 59.7 km
ROMANIA (358)

VRI	0.25	51	iPc	04 45.50	0.2
MLR	0.42	238	iPc	04 47.00	0.2
BRD	0.46	115	iPc	04 47.00	0.2
ISR	0.58	174	iPc	04 47.00	-0.5
CLI	1.02	34	iPc	04 50.50	-0.2
TLB	1.59	135	iPc	04 56.50	0.1
	S.D. = 0.5		on 6 of 6 obs.		

& DEC 29, 1985 09h 17m 16.30s
59.787 N 153.034 W
DEPTH = 88.3km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.41	15	iP	17 30.06	-0.4
			iS	17 41.13	
RDT	0.85	21	iP	17 34.13	-0.4
			iS	17 47.86	
NNL	0.91	73	iP	17 35.32	0.2
			iS	17 49.45	
BRLK	1.09	90	iP	17 36.13	-1.1
			iS	17 52.68	
NKA	1.31	42	iP	17 40.84	0.9
SPU	1.48	19	iP	17 41.61	-0.6
			iS	18 00.76	
CRP	1.55	16	iP	17 42.76	-0.4
SLKM	1.58	62	iP	17 42.46	-1.0
			iS	18 02.99	
SEW	1.83	78	eP	17 44.82	-1.9
SVW	1.84	317	eP	17 46.40	-0.6
MPA	1.97	67	iP	17 47.25	-1.3
SUA	2.03	33	eP	17 48.79	-0.7
KDC	2.06	172	eP	17 47.50	-2.3
PMS	2.26	48	eP	17 51.90	-0.6
PTE	2.27	60	iP	17 50.66	-1.9
SKT	2.32	18	iP	17 52.30	-1.0
PWA	2.43	38	iP	17 53.81	-1.0
PWL	2.57	63	iP	17 54.29	-2.5
			iS	18 23.48	
PLRM	2.64	45	eP	17 55.56	-2.1
PME	2.70	45	eP	17 56.30	-2.2
KNTM	2.72	76	iP	17 55.75	-3.0
MTU	2.72	83	eP	17 56.45	-2.3
LOU	2.78	74	iP	17 56.46	-3.2
			iS	18 27.09	
GHO	2.83	44	eP	17 58.32	-2.1
CFI	2.96	59	iP	17 59.15	-2.9
SML	3.07	47	iP	18 01.17	-2.5
GLI	3.15	67	eP	18 00.92	-3.8
HIN	3.33	77	eP	18 04.01	-3.2
FID	3.41	71	iP	18 04.14	-4.1
MID	3.42	93	eP	18 06.00	-2.4
VZW	3.46	66	eP	18 05.55	-3.4
TTA	3.46	337	eP	18 07.50	-1.6
SCM	3.47	51	eP	18 06.86	-2.3
VLZ	3.58	65	eP	18 07.53	-3.1
KLU	3.90	61	iP	18 12.03	-3.1
SGAM	3.98	76	eP	18 12.32	-3.8
TOA	4.07	52	eP	18 14.80	-2.8
KAIM	4.35	84	eP	18 18.65	-2.6
GLB	4.84	66	iP	18 24.39	-3.7
BALM	5.44	72	eP	18 32.64	-4.0
COL	5.68	23	eP	18 37.00	-2.8
FBA	5.68	23	eP	18 37.10	-2.7
YAH	5.68	79	eP	18 36.50	-3.6
INK	12.02	37	eP	20 05.00	-0.7
YKA	18.56	65	eP	21 25.30	-3.1
	45 obs. assaciated				

* DEC 29, 1985 09h 45m 39.34± 1.51s
24.475 N ± 5.6km 121.814 E ±19.0km
DEPTH = 13.6 ± 9.3 km
TAIWAN (244)

TWC	0.14	13	iPd	45 43.00	0.0
TWD	0.44	207	iPc	45 47.70	-0.7
			eS	45 54.50	
TATO	0.58	329	iP	45 50.50	-0.3
TWZ	0.65	341	iPd	45 52.00	-0.1
ANP	0.75	339	eP	45 54.00	0.2
TWK	1.71	226	eP	46 09.50	0.6
			eS	46 33.00	
TWG	1.78	203	ePc	46 10.20	0.3
	S.D. = 0.6		on 7 of 7 obs.		

* DEC 29, 1985 11h 52m 23.60± 4.31s
56.011 S ± 7.7km 27.108 W ±13.8km
DEPTH = 120.9 ± 38.8 km
5.2mb (6 obs.)
SOUTH SANDWICH ISLANDS REGION (153)

SPA	34.17	180	iPc	58 58.10	-0.6
	0.6s		35.37nm		5.3mb
ITA	36.03	332	ePd	59 12.30	-2.7
			e	59 14.90	9kmX
VAO	36.08	328	eP	59 16.10	1.0
MAW	40.15	144	eP	59 49.00	0.6
TPZ	44.78	304	eP	00 28.00	1.0
SBA	46.12	184	eP	00 37.30	0.8
SOB1	47.93	342	iPd	00 51.50	0.1
ITR	47.97	345	iPd	00 51.00	-0.6
CNCB	49.87	305	P	01 08.00	1.1

LPB	50.16	305	eP	01	09.00	0.0
ZOBO	50.40	305	Pc	01	10.70	-0.3
	0.7s		6.58nm			4.6mb
KIC	64.84	25	iPd	02	52.10	0.7
	0.8s		39.00nm			5.4mb
BNG	70.86	49	iPd	03	29.30	0.3
	0.6s		25.00nm			5.2mb
			i	03	55.80	104kmX
MSZ	78.89	191	P	04	14.00	-0.3
TAU	81.34	176	iPc	04	26.50	-0.8
BFD	86.76	172	iP	04	54.00	-0.8
WAM	88.10	177	eP	05	01.70	0.5
ADE	88.58	168	iPc	05	04.00	0.3
	0.7s		27.40nm			5.4mb
CAN	88.97	177	eP	05	05.70	0.2
YOU	89.99	176	eP	05	10.10	-0.2
WRA	102.73	162	Pdiff	06	08.00	-0.1X
	0.6s		1.20nm			4.9mb
WB2	102.73	162	ePdiff	06	07.80	-0.3
PGP	130.96	137	iPdiff	08	17.00	3.5X
YKA	136.17	318	ePKP	11	30.60	0.0
MBC	143.96	336	ePKP	11	44.00	-0.3
INK	145.80	321	ePKP	11	48.00	0.4
			pP	12	13.00	
COL	150.53	312	ePKP	12	00.00	4.9X
BJI	151.14	108	ePKP	12	03.00	6.2X
	S.D. = 0.9		on 24 of 28 obs.			

DEC 29, 1985 13h 11m 39.75± 0.44s
2.382 N ± 8.0km 79.263 W ±10.1km
DEPTH = 33.0km (normal)
4.2mb (5 obs.) 4.0Msz (1 obs.)
SOUTH OF PANAMA (83)

PSO	2.27	121	eP	12	16.00	0.0
OUR	2.64	164	P	12	21.00	-0.4
CHN	4.45	55	eP	12	53.00	6.1X
BOG	5.64	67	eP	13	05.00	1.1
			eS	15	39.00	
FUO	6.31	61	eP	13	29.00	15.8X
UPA	6.56	358	(P)	13	38.00	21.5X
			LR	15	18.00	
ZOBO	21.55	150	Pc	16	28.50	-0.7
	1.0s		10.00nm			4.2mb
	Z 21s		0.69um			4.0Msz
			LR	24	10.00	
LPB	21.79	150	Pc	16	31.00	-0.4
	1.2s		46.88nm			4.8mb
			(S)	19	20.00	
			LR	23	24.00	
CNCB	22.08	150	iP	16	35.00	0.5
CCH	23.52	147	(P)	16	50.00	1.7
TPZ	27.16	151	eP	17	17.00	-5.6X
ATB	27.61	102	Pd	17	24.80	-1.5
ALQ	41.09	325	eP	19	23.00	0.6
	1.0s		5.00nm			4.2mb
GOL	44.07	331	P	19	46.30	-0.5
BDW	48.47	330	P	20	21.80	0.3
	1.2s		3.77nm			4.3mb
EUR	49.75	323	iP	20	32.50	1.6
	0.4s		0.92nm			4.2mb
RSON	49.82	348	P	20	29.80	-1.7
BMN	51.10	323	P	20	42.50	1.6
NEW	56.09	330	P	21	17.80	-0.4
EDM	57.96	337	eP	21	30.00	-1.3
YKA	65.48	343	eP	22	21.70	0.1
INK	75.21	342	eP	23	21.00	0.5
	S.D. = 1.0		on 18 of 22 obs.			

• DEC 29, 1985 14h 39m 15.06± 1.16s
7.893 S ±13.0km 153.938 E ±14.4km
DEPTH = 33.0km (normal)
4.4mb (1 obs.)
NEW BRITAIN REGION (192)

BGA	2.13	36	eP	39	49.00	-0.1
			eS	40	29.00	
PAA	2.21	44	eP	39	55.00	4.8X
			eS	40	36.00	
KVG	6.14	329	eP	40	46.00	0.1
PMG	6.87	257	eP	40	56.00	-0.2
WB2	22.44	236	eP	44	12.80	0.1
WRA	22.45	236	Pc	44	12.80	0.0
	0.5s		6.80nm			4.4mb
	S.D. = 0.2		on 5 of 6 obs.			

DEC 29, 1985 15h 29m 48.61± 0.51s
50.201 N ± 5.9km 12.358 E ± 4.7km
DEPTH = 23.9 ± 5.7 km
GERMANY (543)
ML 3.8 (FUR), 3.7 (GRF), 3.6 (KBA), 3.9 (VKA). Felt (IV) at Selb and Rehau.

HOF	0.33	290	iPgd	29	55.70	-0.3
MOX	0.65	313	iPg	30	01.50	0.2
			iSg	30	10.00	
GRF	0.89	236	iPgc	30	06.70	1.3
			eSg	30	19.20	
WET	1.11	162	iPgd	30	09.50	0.8
CLL	1.18	20	iPg	30	09.10	-0.6
			iSg	30	24.30	
BRG	1.22	56	iPg	30	10.00	-0.2
			iSg	30	25.00	
KHC	1.33	143	iPg	30	12.40	0.6
			iSg	30	30.00	
PRU	1.42	98	ePn	30	13.00	-0.1
			Pg	30	14.60	
			Sg	30	30.70	
FUR	2.16	200	iPnc	30	28.90	5.1X
			iPg	30	32.00	
BHG	2.51	172	iPnd	30	35.60	6.9X
TNS	2.51	272	ePb	30	37.40	8.6X
			eSg	31	08.40	
KSP	2.59	74	ePn	30	49.50	19.6X
			iPg	31	35.00	
			iS	32	07.00	
GAP	2.86	198	ePg	30	44.00	10.3X
KBA	3.19	168	iPnd	30	39.40	0.8
			ic	30	39.90	
			i	31	19.20	
			iSg	31	30.80	
VKA	3.24	125	iPn	30	39.40	0.3
			iPg	30	49.00	
			i	31	26.60	
			iSg	31	30.80	
GWF	3.32	250	ePn	30	41.00	0.8
			ePg	30	50.80	
			eSg	31	35.60	
SLE	3.52	228	eP	30	42.00	-1.2
SAX	3.56	215	eP	30	42.30	-1.7
ZST	3.70	121	iP	31	39.90	54.3X
			i(Sg)	31	44.00	
CDF	3.78	244	Pn	30	47.40	0.6
			Pg	31	01.10	
			Sg	31	48.80	
ZUL	3.78	225	eP	30	45.10	-1.7
OSS	3.81	204	eP	30	47.10	-0.3
WLF	4.04	265	Pn	30	52.50	2.1
			e	31	57.00	
MEM	4.08	278	Pg	30	53.70	2.7X
ENN	4.15	280	ePn	30	55.00	3.0X
	0.5s		2.00nm			
			ePg	31	09.50	
			eSg	32	00.00	
BSF	4.36	239	Pg	31	11.30	16.2X
			Sn	31	43.10	
			Sg	32	06.30	
HAU	4.52	243	Pn	30	57.30	0.0
			Pg	31	14.30	
			Sg	32	11.90	
DOU	4.99	272	Pn	31	08.80	4.9X
			e	31	15.90	
			e	32	07.40	
LOR	6.34	246	Pg	31	48.40	25.4X
			Sg	33	10.10	
LBF	6.42	243	Pg	31	49.80	25.6X
			Sg	33	12.10	
SMF	6.69	241	Pg	31	54.10	26.2X
GRC	6.79	248	ePg	31	56.50	27.2X
			iSg	33	25.60	
BGF	7.31	244	Pg	32	06.60	30.1X
	S.D. = 1.1		on 18 of 33 obs.			

DEC 29, 1985 15h 34m 12.92± 0.51s
50.228 N ± 4.9km 12.429 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.6 (FUR), 2.2 (GRF).

HOF	0.36	284	iPgd	34	20.30	-0.1
MOX	0.67	309	iPg	34	26.00	-0.2
			iSg	34	35.00	
GRF	0.95	236	iPgc	34	31.30	0.3
			eSg	34	43.50	
WET	1.12	165	iPgd	34	34.10	0.1
CLL	1.14	18	iPg	34	34.50	0.2
			iSg	34	49.80	
BRG	1.16	56	iPg	34	34.50	-0.1
			iSg	34	49.50	
KHC	1.33	145	Pg	34	37.00	-0.5
			Sg	34	55.10	
PRU	1.38	99	Pg	34	38.50	0.3
			Sg	34	55.70	
FUR	2.20	201	iPgc	34	56.60	6.6X
	S.D. = 0.3		on 8 of 9 obs.			

? DEC 29, 1985 15h 42m 06.40± 5.72s
24.559 N ± 9.0km 121.935 E ±61.5km
DEPTH = 10.0km (geophysicist)
TAIWAN (244)

TWC	0.09	303	iPd	42	09.00	0.0
			eS	42	15.00	
TWD	0.57	213	iPc	42	17.80	-0.1
TATO	0.58	316	eP	42	18.00	-0.1
TWZ	0.63	329	eP	42	17.50	-1.5
ANP	0.73	329	eP	42	22.00	1.2
	S.D. = 1.4		on 5 of 5 obs.			

• DEC 29, 1985 16h 12m 31.10± 1.19s
62.408 N ±21.6km 124.135 W ±10.6km
DEPTH = 10.0km (geophysicist)
NORTHWEST TERRITORIES, CANADA (679)

FST1	1.49	113	Pg	12	58.60	0.7
YKA	4.43	85	eP	13	39.10	-0.7
YKC	4.49	85	eP	13	40.50	-0.2
INK	7.10	331	eP	14	18.00	0.6
OWY	7.10	290	P	14	17.00	-0.5
			S	15	37.00	
			Lg	17	37.00	
EDM	10.84	143	eP	15	03.50	-5.8X
FFC	13.83	114	eP	15	43.00	-6.2X
MBC	14.00	5	eP	15	50.00	-1.3X
	S.D. = 0.9		on 5 of 8 obs			

• DEC 29, 1985 16h 24m 42.02± 0.53s
5.902 S ±11.1km 104.071 E ±13.3km
DEPTH = 33.0km (normal)
4.7mb (7 obs.)
SOUTHERN SUMATERA (274)

PPI	6.53	326	ePd	26	18.00	-0.4
KGM	7.90	355	iPc	26	39.90	2.4
			e	29	05.60	
			e	29	25.80	
TRT	8.69	102	ePd	26	50.50	2.0
PSI	9.97	329	ePc	27	05.70	-0.4
IPM	10.85	344	ePd	27	22.00	3.8X
			e	30	40.00	
KHKI	11.71	103	ePd	27	26.80	-3.0X
			eS	29	34.20	
NNT	18.87	347	eP	29	07.20	5.0X
NAU	19.89	147	eP	29	12.00	-1.6
			eS	32	38.00	
DAV	25.04	59	eP	30	12.00	7.1X
CHG	25.07	348	eP	30	04.50	-0.7
GYA	32.27	4	P	31	14.00	3.9X
WRA	32.55	118	P	31	12.00	-0.6
	0.8s		1.40nm			3.9mb
WB2	32.56	118	eP	31	10.50	-2.2
			e	31	16.00	
HYB	34.24	313	ePd	31	27.00	-0.2
CD2	36.60	360	eP	31	45.20	-1.9
PKI	37.85	332	eP	31	56.70	-1.3
	0.6s		4.00nm			4.5mb
DMN	38.02	332	eP	31	58.40	-1.0
KKN	38.10	332	eP	31	58.80	-1.2
	0.4s		9.00nm			5.0mb
POO	38.44	310	iP	32	03.50	0.8
XAN	39.99	6	eP	32	13.40	-2.0
NDI	43.03	324	iPd	32	39.50	-0.9
	0.6s		30.00nm			5.2mb
			eS	39	02.50	
ADE	43.07	137	eP	32	40.30	-0.5
CTA	43.31	113	iPd	32	47.70	4.9X
	0.9s		14.71nm			4.7mb
STK	43.54	131	eP	32	44.00	-0.5
HHC	47.03	8	eP	33	14.00	1.7
YOU	49.71	131	eP	33	33.00	-0.2

29d 16h

			i	33 39.30		
CAN	50.60	132	eP	33 36.60	-3.4X	
WAM	50.88	133	eP	33 36.30	-5.8X	
BRS	50.92	121	P	33 47.90	5.4X	
CN2	53.11	19	Pc	34 01.20	2.5	
			PcP	35 11.00		
LSZ	74.88	256	iP	36 23.00	1.0	
			i	36 28.50		
KMZ	77.24	258	eP	36 41.00	5.6X	
SPA	84.14	180	eP	37 14.00	3.0	
	1.0s		1.79nm		4.2mb	
MLR	85.91	316	ePc	37 22.00	1.8	
BNG	86.01	275	iPd	37 28.20	7.0X	
	0.6s		7.00nm		5.1mb	
RSON	132.80	15	PKP	43 58.30	2.9X	
ITR	139.87	249	ePKP	44 19.70	10.0X	
SOB1	141.99	247	ePKP	44 29.60	16.0X	
MEO	144.45	33	ePKP	44 20.30	3.1X	
BDF	144.94	232	e(PKP)	44 20.00	1.4	
LTX	144.94	45	PKP	44 17.80	-0.5	
FVM	145.45	20	PKP	44 17.00	-1.7	
POW	146.80	23	PKP	44 21.90	0.9	
NAV	148.42	7	PKP	44 24.00	0.4	
TPZ	151.02	200	ePKP	44 40.00	11.5X	
PRM	151.33	11	PKP	44 34.00	5.9X	
S.D. = 1.5 on 29 of 46 obs.						

& DEC 29, 1985 16h 40m 17.24s
62.328 N 150.416 W
DEPTH = 63.1km
CENTRAL ALASKA (1)
<AGS-P>.

SKT	0.63	237	iP	40 30.28	-0.8	
PWA	0.73	159	eP	40 31.54	-0.6	
SUA	0.88	190	eP	40 33.69	-0.6	
			iS	40 47.20		
GHO	0.90	128	iP	40 33.89	-0.5	
PLRM	0.96	140	eP	40 34.44	-0.6	
PME	0.96	136	eP	40 34.63	-0.5	
			eS	40 47.82		
SML	1.11	117	eP	40 36.47	-0.7	
CRP	1.35	219	eP	40 39.85	-0.6	
SPU	1.39	215	eP	40 40.49	-0.5	
			iS	40 58.59		
SCM	1.54	107	eP	40 42.64	-0.4	
PTE	1.61	155	eP	40 42.89	-1.0	
CFI	1.71	131	eP	40 44.90	-0.3	
PWL	1.78	145	iP	40 45.26	-1.0	
SLKM	1.83	177	eP	40 47.04	0.0	
MPA	1.91	164	eP	40 47.53	-0.6	
TOA	2.00	95	eP	40 49.87	0.4	
RDT	2.00	209	eP	40 49.23	-0.2	
GLI	2.15	131	eP	40 50.31	-1.2	
			iS	41 16.93		
VZW	2.24	123	eP	40 53.05	0.3	
VLZ	2.28	120	eP	40 52.17	-1.1	
KLU	2.29	110	eP	40 51.79	-1.6	
LOU	2.30	143	iP	40 51.14	-2.4	
KNIM	2.37	146	eP	40 51.88	-2.6	
FID	2.46	128	eP	40 54.28	-1.5	
TTA	2.66	286	eP	40 56.49	-2.1	
HIN	2.70	134	eP	40 57.76	-1.5	
MTU	2.70	149	eP	40 56.75	-2.5	
GLB	3.25	103	eP	41 05.55	-1.4	
28 obs. associated						

DEC 29, 1985 17h 07m 25.11± 0.51s
50.258 N ± 5.1km 12.427 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.3 (FUR), 2.3 (GRF).

HOF	0.36	279	iPgd	07 32.70	0.2	
MOX	0.65	307	ePg	07 37.50	-0.6	
			eSg	07 47.00		
GRF	0.96	234	ePg	07 43.70	0.3	
			eSg	07 58.40		
CLL	1.12	19	iPg	07 46.40	0.4	
			iSg	08 01.30		
BRG	1.15	57	iPg	07 46.50	-0.1	
			iSg	08 02.00		
WET	1.15	165	iPgd	07 46.60	-0.1	
AHC	1.35	146	Pg	07 49.90	-0.1	
			Sg	08 07.00		
PRU	1.39	100	ePg	07 50.50	0.0	
			Sg	08 07.60		
FUR	2.23	200	ePg	08 08.70	6.1X	
S.D. = 0.4 on 8 of 9 obs.						

• DEC 29, 1985 17h 26m 43.59± 1.06s
31.717 S ±10.5km 177.865 W ±17.3km
DEPTH = 33.0km (normal)
5.1mb (3 obs.)
KERMADEC ISLANDS REGION (177)

GNZ	7.69	205	P	28 32.00	-4.0X	
			S	29 59.00		
KRP	8.23	219	P	28 44.10	0.5	
MNG	10.38	209	eP	29 12.60	-0.6	
			S	30 59.00		
VUN	14.05	345	iPd	30 04.00	1.6	
NOU	16.81	300	iPc	30 42.00	4.0X	
MSZ	17.06	217	eP	30 41.00	0.0	
			S	33 32.00		
BRS	25.86	272	P	32 14.80	0.8	
CDO	25.87	265	eP	32 16.00	1.9	
CAN	27.79	254	eP	32 31.70	0.1	
WAM	27.86	252	eP	32 33.00	0.8	
YOU	28.35	256	eP	32 36.80	0.1	
CTA	34.14	281	iPc	33 26.70	-1.1	
	0.9s		46.22nm		5.4mb	
WB2	44.26	273	eP	34 50.00	-2.0	
WRA	44.27	273	Pd	34 50.20	-1.9	
	0.5s		13.20nm		5.0mb	
SPA	58.46	180	iPc	36 40.00	1.5	
	0.8s		10.42nm		5.0mb	
YKA	106.58	26	ePKP	45 12.90	6.9X	
BUL	122.52	210	iPKPd	45 52.20	14.4X	
MTD	124.11	215	ePKP	45 55.00	14.0X	
KRI	125.00	213	ePKP	46 01.00	18.3X	
SOD	141.49	345	ePKP	46 11.00	-1.1	
			e	46 21.00		
KJF	143.79	341	ePKP	46 13.00	-3.1X	
	0.7s		12.00nm			
			i	46 32.70		
SUF	145.39	341	iPKP	46 17.00	-1.9	
	0.6s		28.50nm			
NUR	147.58	339	iPKP	46 23.60	1.1	
	0.9s		33.80nm			
			i	46 31.00		
BNG	148.79	213	iPKPc	46 29.50	3.6X	
	0.6s		20.00nm			
			i	46 44.00		
UPP	150.01	344	iPKP	46 29.50	3.2X	
NB2	150.07	351	PKP	46 30.20	3.7X	
	0.7s		6.50nm			
HFS	150.55	348	ePKP	46 30.50	3.4X	
	0.8s		9.30nm			
KHC	160.59	337	PKP	46 55.20	14.7X	
S.D. = 1.4 on 16 of 28 obs.						

• DEC 29, 1985 17h 37m 16.39± 1.12s
5.261 S ±15.5km 145.137 E ± 7.4km
DEPTH = 33.0km (normal)
EAST PAPUA NEW GUINEA REGION (207)

MDG	0.64	89	eP	37 29.00	0.0	
MNDI	1.72	239	eP	37 44.50	-0.2	
TZZ	3.90	270	eP	38 15.50	-0.1	
PMG	4.58	154	eP	38 25.00	-0.2	
WB2	17.98	215	eP	41 25.90	0.3	
S.D. = 0.3 on 5 of 5 obs.						

• DEC 29, 1985 18h 43m 17.52± 1.31s
23.970 N ± 9.3km 122.575 E ±13.3km
DEPTH = 10.0km (geophysicist)
3.7mb (1 obs.)
TAIWAN REGION (243)

TWD	0.90	277	iPc	43 34.50	-0.3	
			eS	43 47.00		
TWC	0.92	314	iPd	43 35.00	-0.1	
			eS	43 49.90		
TATO	1.41	316	iP	43 44.00	0.8	
TWZ	1.44	321	iPd	43 44.80	1.1	
ANP	1.55	322	eP	43 47.00	1.8X	
TWO	1.62	281	iPd	43 46.70	0.5	
TWG	1.79	231	iPc	43 47.50	-1.2	
SSE	7.20	350	P	45 03.60	-1.8	
WRA	45.13	164	P	51 37.00	0.9	
	0.2s		0.20nm		3.7mb	
S.D. = 1.3 on 8 of 9 obs.						

DEC 29, 1985 19h 15m 02.06± 0.64s
62.308 N ±10.0km 124.298 W ± 7.8km
DEPTH = 10.0km (geophysicist)
3.9mb (2 obs.)
NORTHWEST TERRITORIES, CANADA (679)

FST1	1.53	109	Pg	15 30.00	0.7	
RSNT	4.52	84	P	16 13.30	1.3	
YKC	4.58	84	eP	16 12.00	-0.8	
DWY	7.07	291	P	16 08.00	-40.0X	
			Lg	18 08.00		
INK	7.15	331	eP	16 49.00	0.0	
COL	10.75	294	eP	17 39.00	0.0	
FFC	13.86	113	eP	18 14.00	-6.6X	
MBC	14.10	5	eP	18 21.00	-2.7X	
NEW	14.64	161	P	18 28.00	-2.9X	
RSON	20.15	111	P	19 33.00	-0.8	
BDW	21.42	149	P	19 51.80	-0.4	
	1.2s		4.35nm		3.7mb	
BMN	22.32	166	P	20 02.00	0.9	
ALQ	29.60	149	eP	21 09.00	-0.4	
	1.0s		2.50nm		4.0mb	
S.D. = 0.9 on 9 of 13 obs.						

• DEC 29, 1985 20h 48m 51.56± 0.96s
47.219 N ±18.6km 143.095 E ±12.8km
DEPTH = 33.0km (normal)
4.4mb (5 obs.)
SAKHALIN ISLAND (662)
Felt (IV) on southern Sokhalin Island.

COL	40.05	38	eP	56 25.00	0.2	
INK	44.89	32	eP	57 04.00	-0.2	
CHTO	45.75	247	eP	57 11.50	0.0	
	1.0s		1.25nm		3.8mb	
YKA	54.51	34	eP	58 17.60	-0.3	
SOD	56.14	335	iP	58 30.30	0.6	
KJF	57.99	332	eP	58 49.00	6.2X	
SUF	59.53	332	iP	58 53.80	0.3	
	0.5s		2.50nm		4.6mb	
NUR	61.63	330	iP	59 07.50	-0.3	
NB2	65.31	336	P	59 31.90	-0.2	
	0.5s		2.60nm		4.6mb	
HFS	65.36	335	eP	59 32.00	-0.3	
	0.5s		8.50nm		5.1mb	
LTX	83.01	54	eP	01 15.10	0.2	
	1.0s		1.60nm		4.1mb	
S.D. = 0.4 on 10 of 11 obs.						

? DEC 29, 1985 21h 10m 40.17± 3.82s
54.280 N ±24.2km 165.378 W ±24.0km
DEPTH = 132.4 ± 23.6 km
4.8mb (4 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS (9)

SDN	3.02	67	P	11 26.70	-1.0	
SVW	8.60	33	eP	12 45.00	2.0	
TTA	9.94	26	eP	13 01.50	0.6	
PME	11.36	43	eP	13 20.30	0.9	
COL	13.82	33	eP	13 50.00	-1.2	
YAH	14.10	55	eP	13 54.10	-1.0	
INK	20.43	34	eP	15 06.00	-2.2	
YKA	27.18	52	eP	16 13.00	0.5	
MBC	27.88	22	eP	16 20.00	1.3	
FRB	46.02	38	eP	18 51.00	-0.2	
LTX	50.40	94	eP	19 27.00	1.3	
			e	19 52.30		
SOD	58.34	355	eP	20 23.00	0.2	
KJF	61.42	354	eP	20 44.00	0.1	
SUF	62.99	354	iP	20 54.40	0.1	
	0.4s		5.20nm		4.8mb	
NB2	65.00	2	P	21 07.00	-0.3	
	0.7s		2.20nm		4.2mb	
NUR	65.28	355	iP	21 08.20	-0.9	
	0.5s		7.00nm		4.8mb	
HFS	65.93	1	eP	21 13.00	-0.3	
	0.3s		4.80nm		4.9mb	
Z	17s		1.19um		5.2MszX	
			LR	45 22.00		
S.D. = 1.2 on 17 of 17 obs.						

• DEC 29, 1985 21h 31m 05.02± 0.63s
32.624 N ± 8.2km 76.104 E ±16.8km
DEPTH = 33.0km (normal)
4.9mb (1 obs.)
KASHMIR-INDIA BORDER REGION (303)

NDI	4.04	166	ePn	32	06.50	0.3
			iSg	33	05.00	
HY8	15.30	171	eP	34	40.00	-0.3
GBA	18.97	176	P	35	27.00	0.7
			S	39	05.00	
CHG	24.68	118	eP	36	23.50	-0.8
8NG	60.49	255	iPd	41	13.60	-0.8
	0.5s		5.00nm			4.9mb
MBC	70.96	4	eP	42	21.00	0.4
YKA	84.82	5	eP	43	37.60	0.6
YKC	84.85	5	eP	43	37.00	-0.2
S.D. = 0.7 on 8 of 8 obs.						

DEC 29, 1985 21h 37m 59.14± 0.34s
73.289 N ± 4.8km 6.856 E ± 8.6km
DEPTH = 10.0km (geophysicist)
4.7mb (13 obs.)
GREENLAND SEA (640)

TRO	5.31	128	iP	39	18.00	-2.3
			iS	40	11.70	
KBS	5.79	10	eP	39	28.00	1.0
KEV	7.29	109	iP	39	45.20	-2.9X
	0.5s		14.00nm			5.4mb X
			e	43	12.00	
SOD	8.88	122	iP	40	05.90	-4.4X
			e	44	57.00	
KJF	11.76	130	iP	40	46.80	-2.8X
	1.2s		248.60nm			6.4mb X
			e	44	16.00	
SUF	12.74	136	eP	40	58.00	-4.8X
	0.4s		3.50nm			4.9mb X
HFS	13.47	165	eP	41	07.30	-5.2X
	0.3s		4.30nm			4.9mb X
NUR	14.50	143	iP	41	21.20	-4.8X
	0.7s		13.30nm			4.7mb X
Z	20s		0.50um			
			e	44	31.00	
			LR	46	30.00	
ALE	15.76	333	ePd	41	39.00	-3.2X
	0.9s		15.00nm			4.2mb X
EKA	18.49	198	P	42	24.00	7.4X
	0.9s		10.50nm			4.0mb
WTS	21.37	180	eP	42	47.00	-1.4
	1.0s		16.00nm			4.4mb
			e	42	53.00	
CLL	22.22	170	iP	42	58.30	1.4
	1.7s		61.00nm			4.8mb
UCC	22.60	184	P	43	02.00	1.4
ENN	22.61	182	ePc	43	01.50	0.8
	1.1s		54.00nm			5.0mb
BRG	22.71	168	iPc	43	02.00	0.3
	1.5s		25.00nm			4.5mb
			i	43	18.50	
MEM	22.77	181	P	43	02.80	0.6
MOX	22.82	172	iPc	43	04.00	1.2
	0.1s		39.00nm			5.8mb X
SNF	22.89	184	P	43	04.10	0.7
KSP	22.90	165	eP	43	04.50	0.9
HOF	23.16	172	iPc	43	07.00	0.8
	1.2s		35.00nm			4.8mb
DOU	23.30	184	P	43	08.50	1.0
PRU	23.63	168	eP	43	11.50	0.9
WLF	23.71	181	P	43	12.50	1.1
KRA	24.01	159	eP	43	13.90	-0.4
			e	43	16.70	
			e	43	21.90	
GRB1	24.07	172	eP	43	14.00	-1.0
	1.2s		34.00nm			4.8mb
KHC	24.42	169	iPd	43	21.40	2.9X
			e	43	35.50	
			e	44	07.80	
SPC	24.90	159	eP	43	23.80	0.6
CDF	24.96	179	eP	43	24.70	1.0
BSF	25.54	180	eP	43	30.50	1.3
ZST	25.59	164	eP	43	30.00	0.5
SRO	26.07	162	e(P)	43	28.60	-5.4X
GRC	26.13	186	iPd	43	32.40	-2.2
LOR	26.14	185	eP	43	35.00	0.3
	1.1s		14.60nm			4.6mb
SSF	26.36	185	eP	43	36.20	-0.5
AVF	26.63	185	eP	43	30.70	-0.5
	1.3s		26.70nm			4.8mb
SMF	26.76	185	eP	43	40.80	0.4
BGF	26.88	186	eP	43	40.80	-0.6
TCF	27.17	187	eP	43	43.00	-1.1
	1.3s		23.10nm			4.7mb
MZF	27.23	186	eP	43	43.60	-1.1
LSF	27.23	188	eP	43	43.50	-1.2
VRI	28.96	151	eP	43	52.00	-8.3X
YKC	38.94	321	eP	45	26.00	-0.1
YKA	38.95	321	eP	45	27.50	1.3
RSNT	38.96	321	P	45	27.00	0.7
	1.1s		15.12nm			4.6mb
COL	41.04	344	eP	45	45.00	1.6
RSON	45.02	298	P	46	16.00	0.0
EDM	47.37	315	ePd	46	34.70	0.1
NEW	52.84	316	P	47	14.80	-1.7
FVM	56.11	289	P	47	38.00	-2.4
BDW	56.43	308	P	47	43.00	0.0
	1.0s		2.60nm			4.2mb
GOL	58.36	303	P	47	56.00	-0.7
KKN	60.31	92	eP	48	09.80	-0.4
DMN	60.43	93	eP	48	11.00	-0.1
PKI	60.55	92	eP	48	11.60	-0.4
ALO	63.15	302	eP	48	29.00	-0.2
BNG	69.14	168	iPd	49	06.00	-1.3
	0.5s		7.00nm			5.1mb
MBL	116.68	74	ePdiff	52	52.00	-7.5X
S.D. = 1.1 on 45 of 57 obs.						

DEC 29, 1985 21h 57m 35.28± 0.94s
0.339 S ± 3.8km 119.835 E ± 5.1km
DEPTH = 41.3 ± 9.3 km
5.0mb (12 obs.) 4.4Msz (1 obs.)
MINAHASSA PENINSULA (265)

BK82	3.08	253	ePd	58	22.80	0.2
MKS	4.86	184	iPc	58	50.90	3.0X
			iS	59	48.40	
KKM	7.30	330	ePd	59	18.10	-4.2X
			e	00	35.50	
AAI	8.99	112	eP	59	47.60	2.0
	0.3s		121.50nm			6.5mb X
KHKI	9.02	208	eP	59	43.40	-2.6
			e	06	51.30	
DAV	9.34	38	eP	59	51.00	0.6
PPR	10.11	354	eP	00	01.00	0.0
PGP	13.80	5	eP	00	52.00	1.5
	0.8s		125.00nm			5.7mb X
MAN	14.95	5	eP	01	07.80	2.2
BAG	16.66	2	eP	01	27.40	-0.3
			eS	04	33.00	
KGM	16.68	278	eP	01	30.00	2.3
IPM	19.42	285	ePc	02	00.00	-1.2
	1.0s		63.70nm			4.8mb
PPI	19.44	270	eP	02	01.50	0.1
MBL	20.69	180	eP	02	14.00	-0.6
PSI	21.12	278	ePd	02	18.80	-0.1
TSI	21.60	280	ePd	02	23.80	0.0
OIZ	21.60	334	eP	02	22.40	-1.4
NAU	22.47	191	eP	02	33.00	0.6
HKC	23.17	347	eP	02	38.00	-1.2
PCT	23.56	310	eP	02	43.50	0.5
NNT	23.72	303	eP	02	43.50	-1.1
WRA	24.11	145	Pc	02	46.60	-1.8
	1.6s		176.10nm			5.3mb
WB2	24.12	145	eP	02	47.00	-1.5
GZH	24.13	345	eP	02	46.00	-2.5
OZH	25.16	357	eP	02	58.50	0.1
MEK	26.15	183	eP	03	07.00	-0.7
	0.6s		16.00nm			4.8mb
WBN	26.46	166	eP	03	11.00	0.5
PMG	28.64	109	eP	03	16.00	-14.4X
MRWA	28.95	187	eP	03	33.50	0.5
KMI	30.24	328	eP	03	44.00	-0.9
WHN	31.15	351	eP	03	52.70	0.2
NJ2	32.23	358	eP	04	03.00	1.1
CTA	32.46	129	iP	04	03.10	-1.1
	1.1s		15.19nm			4.8mb
CD2	34.63	335	P	04	21.10	-1.8
XAN	35.70	344	eP	04	31.00	-0.9
			S	10	08.00	
TIA	36.45	356	eP	04	37.00	-1.2
STK	37.51	149	eP	04	46.00	-1.1
TIY	38.48	351	eP	04	54.80	-0.5
			S	10	47.00	
LZH	39.18	339	P	05	01.50	0.2
	1.3s		74.00nm			5.3mb
BJI	40.33	356	eP	05	10.00	-0.4
			eS	11	20.00	
MAT	40.47	23	eP	05	08.00	-3.7X
	1.2s		39.06nm			5.0mb
Z	20s		0.53um			4.4Msz
			eS	11	16.00	
HHC	41.68	351	eP	05	21.50	-0.2
BTO	41.71	349	eP	05	21.50	-0.5
SNY	42.11	4	eP	05	23.80	-1.2
YOU	43.06	145	eP	05	33.00	0.8
			i	06	13.90	
PKI	43.15	313	eP	05	35.10	0.8
	0.8s		42.00nm			5.2mb
KKN	43.37	313	eP	05	36.70	0.8
DMN	43.40	313	eP	05	37.10	1.0
KOD	43.43	285	eP	05	38.00	1.4
GTA	43.60	337	eP	05	36.30	-1.2
CAN	44.15	145	eP	05	42.10	0.2
			i	06	19.40	
GBA	44.22	290	P	05	41.00	-1.6
CN2	44.23	6	P	05	42.00	-0.3
HYB	44.30	296	eP	05	44.00	0.7
WAM	44.71	146	eP	05	46.60	0.3
			i	06	23.80	
MDJ	45.59	10	eP	05	53.00	-0.2
NDI	49.93	309	eP	06	27.70	0.4
DZM	50.25	119	iPc	06	30.50	0.5
NOU	50.34	119	iPc	06	30.00	-0.5
WMQ	52.49	331	Pc	06	47.20	0.6
KRP	63.31	133	P	08	02.40	-0.1
AVY	72.98	250	eP	09	05.20	1.9
MAW	77.62	199	eP	09	28.00	-0.6
NAI	83.03	269	eP	10	04.00	5.2X
	1.0s		30.00nm			5.3mb
HRI	85.24	303	P	10	13.00	3.6X
JER	85.61	302	eP	10	15.00	3.7X
TET	86.31	254	iP	10	19.00	4.2X
MTD	88.23	253	eP	10	30.00	5.8X
SPA	89.66	180	eP	10	32.50	2.3
	0.7s		4.69nm			4.9mb
KRI	90.11	253	eP	10	35.00	1.8
BUL	91.03	250	iPc	10	36.30	-1.1
SLR	91.26	244	eP	10	39.50	1.2
	0.7s		6.85nm			5.2mb
SUF	92.00	333	eP	10	42.00	1.2
INK	96.43	21	eP	11	01.00	0.0
HFS	98.29	331	eP	11	08.10	-1.4
	0.8s		2.20nm			4.7mb
NB2	99.24	332	P	11	14.10	0.2
	0.9s		4.10nm			5.0mb
TPZ	157.66	166	ePKP	17	44.00	14.3X
CNCB	161.30	156	PKP	17	36.00	2.0
LPB	161.50	155	ePKP	17	34.00	0.0
ZOBO	161.72	155	ePKP	17	36.00	1.6
	1.2s		10.14nm			
			(S)	18	24.00	
S.D. = 1.2 on 70 of 80 obs.						

• DEC 29, 1985 22h 23m 21.63± 2.91s
42.444 N ±23.8km 19.859 E ±19.5km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 3.1 (TTG).

PVY	0.17	29	iPgc	23	25.50	-0.1
			eSg	23	30.50	
IVA	0.43	4	ePg	23	30.50	0.1
			eSg	23	39.20	
TTG	0.44	268	iPg	23	30.20	-0.4
			eSg	23	39.50	
BDV	0.78	258	ePg	23	37.00	0.2
			eSg	23	51.00	
HCY	1.01	271	ePg	23	41.00	0.3
			eSg	23	57.50	
S.D. = 0.4 on 5 of 5 obs.						

DEC 29, 1985 22h 33m 04.80± 0.27s
3.347 S ± 4.6km 135.149 E ± 5.7km
DEPTH = 33.0km (normal)
5.0mb (12 obs.)
WEST IRIAN REGION (196)

AAI	6.95	267	eP	35	47.60	60.6X
	0.3s		13.60nm			
WEW	8.46	92	eP	35	16.00	7.9X
MDG	10.77	100	eP	35	41.00	1.2
PMG	13.36	117	eP	36	14.50	-0.2
KNA	13.83	207	eP	36	20.00	-0.9
KVG	15.64	88	eP	36	50.00	5.4X
WB2	16.51	183	iPc	36	53.60	-2.1
			i	37	00.00	
			iS	39	46.80	

29d 22h

WRA	16.51	183	Pc	36	53.20	-2.5
	0.9s		53.30nm			4.7mb
ALOA	16.61	115	eP	37	02.00	5.1X
ISQ	17.79	166	eP	37	10.00	-1.7
			eS	40	16.00	
CTA	19.85	148	iPd	37	36.20	0.1
	0.8s		47.76nm			4.9mb
			iS	41	16.00	
KHKI	20.06	255	ePd	37	39.10	0.8
			e	40	33.30	
ASPA	20.24	183	iPc	37	41.60	1.4
	1.0s		260.00nm			5.5mb
KKM	21.08	296	ePc	37	49.50	0.5
PGP	21.88	320	ePd	38	02.00	5.2X
	1.0s		166.00nm			5.4mb
MAN	22.68	322	eP	38	05.00	0.2
MBL	23.14	219	iPd	38	12.00	2.7X
	0.5s		20.00nm			4.9mb
WBN	24.11	199	eP	38	21.70	3.0X
HNR	25.36	105	eP	38	32.00	1.3
NAU	26.96	223	eP	38	47.40	2.0
STK	29.02	169	eP	39	03.00	-1.0
BRS	29.25	147	P	39	05.80	-0.3
			e	48	49.00	
MRWA	31.51	213	eP	39	27.50	1.4
ADE	31.63	174	iPc	39	28.00	0.8
	0.7s		20.55nm			5.1mb
KGM	32.26	279	ePd	39	44.80	12.0X
KLB	32.52	208	eP	39	36.00	1.1
YOU	33.15	160	eP	39	40.60	0.2
CAN	34.31	160	eP	39	50.30	-0.1
			eScP	46	07.40	
BFD	34.35	170	eP	39	51.00	0.3
PPI	34.85	274	ePd	39	56.20	0.9
	0.7s		32.20nm			5.4mb
IPM	34.99	283	ePc	40	07.20	10.7X
	0.9s		42.50nm			
WAM	35.06	160	eP	39	57.00	0.2
DZM	35.61	124	iPc	40	01.50	-0.3
NOU	35.73	125	iPc	40	02.20	-0.4
NNT	38.58	295	eP	40	37.10	10.4X
WHN	39.12	331	eP	40	32.00	1.0
MAT	39.78	4	eP	40	36.00	-0.5
	0.7s		6.85nm			4.5mb
			(S)	46	54.00	
CHG	41.89	303	eP	40	54.00	0.0
XAN	44.66	329	P	41	15.00	-1.3
CD2	45.35	321	eP	41	20.60	-1.3
BJI	46.56	340	eP	41	30.00	-1.2
LZH	48.94	326	P	41	50.00	-0.1
SML	50.82	307	iP	42	04.00	-0.8
GTA	53.54	326	Pd	42	24.40	-0.4
PKI	56.91	306	eP	42	50.10	0.4
	0.6s		3.00nm			4.5mb
KKN	57.10	306	eP	42	50.20	-0.8
	0.7s		7.00nm			4.8mb
DMN	57.17	306	eP	42	51.40	-0.1
	0.8s		26.00nm			5.3mb
HYB	59.50	292	eP	43	17.00	9.4X
WMQ	63.35	323	Pc	43	33.00	-0.2
SPA	86.68	180	eP	45	47.00	0.6
	1.0s		7.50nm			4.9mb
COL	87.54	25	eP	45	50.00	-0.4
INK	93.58	22	eP	46	15.00	-3.5X
MBC	96.90	13	eP	46	33.00	-0.5
ALQ	115.03	53	ePKP	51	45.00	0.0
	1.0s		2.50nm			
JCT	121.61	56	iPKP	51	57.80	0.4
	0.9s		15.97nm			
			I	52	10.08	
PSO	147.48	93	IPKP	52	48.00	1.9
TPZ	147.98	141	ePKP	52	47.00	0.4
CNCB	149.62	132	PKP	52	53.00	3.5X
			I	52	57.00	
LPB	149.70	131	ePKPc	52	55.00	5.6X
	1.0s		60.00nm			
ZOBO	149.85	131	IPKPd	52	57.00	7.1X
	1.1s		49.30nm			
			LR	21	50.00	
BOG	150.03	87	ePKP	52	57.00	5.8X
ITR	166.37	208	ePKP	53	20.80	12.2X
	S.D. = 1.0		on	45	of 62	obs.

• DEC 29, 1985 23h 09m 50.24± 1.38s
45.510 N ±10.2km 142.141 E ±12.0km
DEPTH = 273.7 ± 16.9 km
4.5mb (12 obs.)

HOKKAIDO, JAPAN REGION (224)

TSK	9.42	190	eP	12	01.40	-0.7
MAT	9.44	200	(P)	12	03.00	0.6
			(S)	13	42.00	
DDR	9.76	194	eP	12	06.90	0.4
OYM	10.32	193	eP	12	13.80	0.4
COL	41.81	37	eP	17	14.00	-0.4
INK	46.70	31	iPc	17	52.30	-0.8
MBC	48.28	18	eP	18	05.00	-0.2
YKA	56.30	33	eP	19	04.20	-0.2
RSNT	56.31	33	P	19	04.00	-0.4
	1.0s		20.00nm			4.6mb
YKC	56.36	33	ePc	19	04.00	-0.8
PNT	61.86	47	eP	19	42.00	-0.5
	0.6s		4.00nm			4.2mb
NEW	63.81	47	P	19	55.50	0.2
WB2	65.52	188	eP	20	05.20	-1.1
WRA	65.52	188	Pc	20	05.30	-1.0
	1.0s		5.40nm			4.2mb
FFC	66.35	35	iPc	20	11.10	-0.2
	0.9s		13.00nm			4.7mb
NB2	66.61	336	P	20	12.40	-0.5
	0.4s		0.50nm			3.6mb
HFS	66.63	335	eP	20	11.10	-1.8
	0.3s		3.40nm			4.6mb
FRB	68.42	14	eP	20	23.00	-0.9
JAS1	68.70	57	P	20	26.80	0.7
BMN	68.89	54	P	20	27.30	-0.1
EUR	70.23	54	iP	20	36.80	1.1
	0.2s		16.19nm			5.4mb
BDW	71.42	48	P	20	42.80	0.1
	0.9s		8.21nm			4.5mb
RSON	72.56	33	P	20	48.00	-0.8
CLL	74.04	330	iPd	20	58.10	0.7
	1.2s		14.00nm			4.6mb
PRU	74.57	328	P	21	01.80	1.4
			e	36	13.00	
			Sg	36	50.50	
KHC	75.63	328	P	21	08.00	1.5
GOL	75.83	47	P	21	01.00	-7.0X
ALQ	78.78	51	eP	21	25.00	0.8
	1.0s		5.75nm			4.3mb
TUL	83.56	44	eP	21	49.90	1.2
	0.7s		13.00nm			4.8mb
RLO	83.73	43	eP	21	49.70	0.1
LTX	84.55	53	P	21	55.30	1.4
	1.1s		6.59nm			4.4mb
	S.D. = 0.9		on	30	of 31	obs.

• DEC 29, 1985 23h 58m 01.03± 0.82s
78.476 N ± 9.5km 7.256 E ±10.8km
DEPTH = 10.0km (geophysicist)
3.9mb (3 obs.)
SVALBARD REGION (643)

KBS	1.02	62	iP+	58	20.80	0.5
			iS	58	31.00	
HSP	2.31	126	P	58	38.00	-1.6
			iS	59	04.80	
DAG	5.81	266	iPd	59	23.10	-6.1X
	0.8s		35.07nm			5.1mb X
			i	00	24.00	
KEV	10.20	138	eP	00	31.00	0.7
ALE	11.39	321	eP	00	40.00	-6.5X
SOD	12.40	143	iP	00	57.40	-2.8X
KJF	15.58	145	eP	01	41.00	-0.9
SUF	16.86	149	eP	01	59.00	0.9
	0.5s		5.30nm			3.9mb
NB2	17.57	174	P	02	10.60	3.4X
	0.9s		2.90nm			3.4mb
NUR	18.88	153	eP	02	24.00	0.8
	0.9s		22.00nm			4.4mb
			i	02	31.10	
MBC	22.72	330	eP	03	06.00	2.5X
YKA	35.08	317	eP	04	55.20	-0.4
EDM	43.85	312	eP	06	08.50	0.1
	S.D. = 1.1		on	8	of 13	obs.

? DEC 30, 1985 00h 07m 38.81± 1.83s
31.999 S ±10.2km 68.887 W ±48.0km
DEPTH = 119.9 ± 22.0 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.52	8	iPc	07	57.30	0.1
			S	08	10.00	
CFA	0.68	55	iPd	07	58.40	0.1
			S	08	12.20	
RTLL	0.76	28	iPd	07	58.70	-0.2
RFA	2.79	173	ePd	08	23.00	0.0
VCA	3.30	11	iPc	08	30.00	0.0
			S	09	10.00	
	S.D. = 0.3		on	5	of 5	obs.

• DEC 30, 1985 00h 44m 36.92± 3.47s
24.576 N ± 8.2km 122.034 E ±27.3km
DEPTH = 10.0km (geophysicist)
TAIWAN REGION (243)

TWC	0.17	281	iPc	44	41.00	0.2
			eS	44	45.50	
TWD	0.64	219	ePd	44	49.70	0.0
TATO	0.64	309	eP	44	49.50	-0.2
ANP	0.77	322	eP	44	52.00	0.1
TWQ	1.13	255	eP	44	58.00	-0.1
	S.D. = 0.2		on	5	of 5	obs.

DEC 30, 1985 01h 19m 47.45± 0.51s
50.231 N ± 5.0km 12.449 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.7 (FUR), 2.7 (GRF).

MOF	0.38	283	iPgd	19	54.70	-0.5
MOX	0.68	308	ePg	20	01.00	0.1
			iSg	20	10.00	
GRF	0.96	236	iPgc	20	06.10	0.4
			eSg	20	19.80	
WET	1.12	165	ePg	20	08.70	0.2
CLL	1.14	18	iPg	20	08.80	0.1
			iSg	20	24.00	
BRG	1.15	55	iPg	20	09.00	0.0
			iSg	20	24.00	
KHC	1.32	146	iPg	20	11.50	-0.4
			iSg	20	30.50	
PRU	1.37	99	Pg	20	12.60	0.0
			Sg	20	30.30	
FUR	2.21	201	ePg	20	31.30	6.6X
	S.D. = 0.3		on	8	of 9	obs.

• DEC 30, 1985 01h 22m 33.51± 0.76s
50.225 N ± 6.9km 12.469 E ± 7.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.3 (GRF).

MOX	0.69	308	ePg	22	46.80	-0.4
			eSg	22	55.50	
GRF	0.97	237	iPgc	22	52.20	0.3
			eSg	23	05.30	
CLL	1.14	17	iPg	22	54.90	0.1
			iSg	23	10.00	
BRG	1.14	55	iPg	22	55.00	0.1
			iSg	23	10.00	
KHC	1.31	146	Pg	22	57.50	-0.3
			Sg	23	17.00	
	S.D. = 0.4		on	5	of 5	obs.

• DEC 30, 1985 03h 52m 50.79± 1.03s
41.871 N ± 8.7km 23.298 E ± 9.9km
DEPTH = 10.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)

MMB	0.43	131	iPgd	52	59.00	-0.5
			Sg	53	05.00	
VTS	0.73	354	iPg	53	04.00	-1.1
			iSg	03	14.00	
VAY	0.77	225	ePg	53	06.30	0.4
			iSg	53	16.60	
KDZ	1.55	98	eP	53	18.00	-0.5
PVL	1.88	47	eP	53	25.00	1.7
	S.D. = 1.6		on	5	of 5	obs.

• DEC 30, 1985 04h 37m 05.48± 0.90s
44.282 N ± 6.4km 6.417 E ±16.2km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.5 (LDG).

FRF	0.74	167	Pg	37	19.80	-0.2
			Sg	37	31.60	
CDR	0.77	218	eP	37	20.40	-0.1
			e	37	21.70	
			e	37	30.90	

LRG	0.83	183	Pg	37	21.60	0.1
			Sg	37	33.80	
LMR	0.95	176	Pg	37	23.70	0.1
			Sg	37	37.50	
LPG	1.24	11	Pn	37	28.70	0.0
			Sn	37	45.20	
S.D. = 0.2			on	5 of	5 obs.	

& DEC 30, 1985 05h 14m 08.68s
62.107 N 154.316 W
DEPTH = 12.0km
CENTRAL ALASKA (1)
<AGS-P>. ML 3.5 (PMR).

TTA	1.14	317	iPc	14	28.30	-1.6
SVW	1.18	212	iPd	14	28.80	-1.8
SKT	1.32	94	iP	14	30.86	-2.0
CRP	1.33	128	eP	14	30.99	-2.2
			eS	14	48.85	
SPU	1.42	130	iP	14	32.81	-1.6
			iS	14	51.51	
RDT	1.79	148	eP	14	38.23	-1.5
SUA	1.82	109	eP	14	38.76	-1.3
NKA	2.02	131	eP	14	44.12	1.3
ILM	2.06	159	iP	14	42.44	-1.1
PWA	2.15	100	eP	14	42.40	-2.4
PMS	2.43	109	eP	14	47.20	-1.6
PLRM	2.51	100	eP	14	48.11	-1.8
NNL	2.54	143	eP	14	49.96	-0.4
SLKM	2.55	127	eP	14	48.26	-2.2
PME	2.55	99	eP	14	47.80	-2.7
GHO	2.57	95	eP	14	49.38	-1.5
PTE	2.83	114	eP	14	53.21	-1.2
SML	2.84	93	eP	14	52.95	-1.8
BRLK	2.89	143	eP	14	53.50	-1.8
MPA	2.89	122	eP	14	54.54	-0.8
SEW	3.10	128	eP	14	58.66	0.4
KNIM	3.64	116	eP	15	03.03	-2.9
TOA	3.83	86	eP	15	06.90	-1.8
IMA	3.99	4	eP	15	07.90	-3.1
KLU	4.03	95	eP	15	08.94	-2.6
KDC	4.47	167	eP	15	16.00	-1.7
YAH	6.32	100	eP	15	41.30	-2.7
DWY	7.03	67	P	15	50.00	-3.9
			Lg	17	50.00	
INK	10.67	45	eP	16	40.00	-4.2
29 obs. associated						

& DEC 30, 1985 06h 06m 14.74s
59.791 N 153.751 W
DEPTH = 140.3km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.61	50	iP	06	35.33	-0.6
			iS	06	51.65	
RDT	1.03	40	iP	06	38.56	-0.7
			iS	06	56.69	
NNL	1.26	77	iP	06	41.53	0.1
BRLK	1.45	90	iP	06	42.62	-0.8
			iS	07	03.87	
NKA	1.58	52	iP	06	45.41	0.7
SVW	1.61	326	iPd	06	44.20	-1.0
CRP	1.68	27	iP	06	45.32	-0.8
			iS	07	09.65	
SLKM	1.91	66	eP	06	47.05	-1.6
KDC	2.15	162	eP	06	49.50	-2.0
SEW	2.19	80	iP	06	50.50	-1.4
SUA	2.24	40	iP	06	51.30	-1.4
MPA	2.31	70	iP	06	52.14	-1.3
SKT	2.45	25	iP	06	53.77	-1.5
PMS	2.53	53	iPd	06	54.20	-2.2
PTE	2.59	63	eP	06	54.58	-2.3
PWA	2.67	44	iPd	06	55.50	-2.4
PLRM	2.90	50	eP	06	57.88	-3.1
PME	2.96	49	eP	06	58.60	-3.2
KNIM	3.07	77	iP	07	00.64	-2.5
MTU	3.08	84	iP	07	01.83	-1.5
GHO	3.09	48	iP	07	00.43	-3.1
TTA	3.33	342	iPd	07	04.50	-2.2
SML	3.34	50	iP	07	03.47	-3.3
MID	3.78	92	eP	07	10.40	-2.2
KLU	4.22	63	iP	07	15.37	-3.1
SGAM	4.33	77	iP	07	17.59	-2.3
TOA	4.36	55	eP	07	18.10	-2.3
GLB	5.17	67	eP	07	28.43	-2.7
SDN	5.75	222	e(P)	07	36.20	-2.7
BALM	5.79	73	eP	07	37.39	-2.2
COL	5.83	26	iP	07	36.30	-3.7
FBA	5.83	26	eP	07	36.40	-3.6
YAH	6.04	79	iP	07	41.30	-1.8
IMA	6.30	0	ePd	07	44.00	-2.6
DWY	7.99	52	P	08	06.30	-2.8
			Lg	09	46.30	
INK	12.24	37	eP	09	01.00	-4.1
			pP	09	20.00	
YKA	18.88	65	eP	10	22.90	-3.5
37 obs. associated						

* DEC 30, 1985 06h 40m 22.85± 1.52s
33.491 S ± 8.0km 71.640 W ±15.0km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)
Felt.

LNV	0.50	158	iPc	40	33.00	-0.5
			iS	40	40.50	
ROCH	0.74	46	eP	40	35.50	-1.5
SAN	0.82	88	iPd	40	38.00	0.0
			iS	40	48.50	
			i	40	50.00	
PEL	0.87	67	iPc	40	38.50	-0.3
CHCH	0.93	118	iPc	40	39.90	0.2
PCH	0.95	98	eP	40	40.40	0.5
			iS	40	44.00	
JACH	1.19	48	iPd	40	42.50	-0.9
RFA	2.93	117	ePd	41	11.30	3.1X
RTCB	3.12	51	e(P)	41	13.80	2.8X
ZON	3.17	53	eP	41	15.00	3.4X
CFA	3.43	58	ePd	41	16.90	1.5
			S	42	03.80	
RTLL	3.44	52	e(P)	41	16.00	0.5
VCA	5.58	33	ePd	41	45.00	-0.8
			S	41	56.60	
CNCB	16.93	12	P	44	21.00	1.5
LPB	17.19	12	eP	44	24.00	1.5
ZOBO	17.44	11	eP	44	24.00	-1.8
S.D. = 1.2			on	13 of	16 obs.	

DEC 30, 1985 06h 52m 55.82± 0.58s
50.235 N ± 5.6km 12.443 E ± 5.3km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.0 (FUR), 3.1 (GRF).

HOF	0.37	282	iPgd	53	03.30	-0.2
MOX	0.67	308	iPg	53	09.00	-0.1
			iSg	53	18.00	
GRF	0.96	236	iPgc	53	14.40	0.3
			eSg	53	29.40	
WET	1.13	165	iPgd	53	17.00	0.0
CLL	1.13	18	iPg	53	17.10	0.1
			iSg	53	31.50	
KHC	1.33	146	iPg	53	20.00	-0.4
			iSg	53	39.50	
PRU	1.37	100	Pg	53	21.20	0.2
			Sg	53	38.30	
FUR	2.21	201	ePg	53	39.80	6.7X
KBA	3.22	169	iPgd	54	28.50	41.0X
			i	54	38.20	
			iSg	54	39.70	
S.D. = 0.3			on	7 of	9 obs.	

DEC 30, 1985 09h 46m 36.60± 0.70s
62.835 N ± 5.9km 149.775 W ± 5.4km
DEPTH = 107.8 ± 19.9 km
CENTRAL ALASKA (1)

PWA	1.19	182	iPd	46	59.70	-0.3
PMS	1.60	176	eP	47	05.00	0.1
TOA	1.83	112	eP	47	08.70	0.9
COL	2.25	22	iPd	47	12.80	-0.4
FBA	2.25	22	iPd	47	13.00	-0.2
TTA	2.86	275	iPc	47	21.30	-0.1
SVW	3.26	240	eP	47	27.00	0.2
IMA	3.66	334	eP	47	32.70	0.4
YAH	4.57	119	eP	47	44.10	-0.7
DWY	4.80	71	P	47	48.00	0.2
			Lg	48	58.00	
INK	8.67	44	ePd	48	40.80	0.2
S.D. = 0.5			on	11 of	11 obs.	

DEC 30, 1985 11h 13m 14.85± 0.31s
5.546 S ± 2.5km 150.686 E ± 2.4km
DEPTH = 113.0 ± 2.8 km
5.8mb (46 obs.)
NEW BRITAIN REGION (192)
Felt (III) at Arawa, Bougainville.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 55 Dip=77 Slip= 90
NP2: 235 13 90
Principal Axes:
T Plg=58 Azm=325
P 32 145
Comment: The focal mechanism is moderately well controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 95 No. of sta: 5
Moment Tensor; Scale 10**25 d-cm
Mrr= 0.16 Mtt= 0.15
Mff=-0.31 Mrt= 0.98
Mrf= 1.21 Mtf= 0.25
Principal axes:
T Val= 1.72 Plg=45 Azm=317
N -0.26 11 216
P -1.46 43 116
Best Double Couple:Mo=1.6*10**25
NP1:Strike=130 Dip=11 Slip= 4
NP2: 36 89 101
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 39C
Centroid Location:
Origin Time 11:13:18.3 0.2
Lat 5.82S 0.03 Lon 150.64E 0.02
Dep 77.4 2.7 Half-duration 4.1
Moment Tensor; Scale 10**25 D-CM
Mrr= 0.03 0.02 Mtt=-0.07 0.04
Mff= 0.03 0.05 Mrt= 1.29 0.02
Mrf= 0.93 0.03 Mtf= 0.45 0.03
Principal Axes:
T Val= 1.82 Plg=42 Azm=319
N -0.42 8 57
P -1.40 47 155
Best Double Couple:Mo=1.6*10**25
NP1:Strike=347 Dip= 8 Slip=-160
NP2: 237 87 -82

BIAL	0.43	57	iPc	13	31.00	-0.8
RAB	2.00	48	iPd	13	49.00	0.5
			iS	14	08.00	
LAT	3.83	253	eP	14	12.50	-0.3
BGA	4.51	98	iPd	14	21.00	-1.3
			eS	15	07.00	
ALOA	4.73	184	iPc	14	23.20	-2.0
MOM	4.78	317	eP	14	29.50	3.6X
PAA	4.84	99	iPd	14	25.00	-1.7
			eS	15	15.00	
MDG	4.89	273	eP	14	28.50	1.1
PMG	5.20	222	iPd-	14	32.20	0.6
WEW	7.31	285	eP	15	05.00	4.4X
TZZ	9.43	271	eP	15	30.00	0.7
VSG	9.68	113	eP	15	33.00	0.3
SVO	9.74	112	eP	15	33.00	-0.4
			e	16	21.00	
CTA	15.08	196	iPd-	16	43.90	0.6
	1.0s	174.00nm			5.3mb	
			iS	19	28.00	
			iScS	28	49.80	
TLE	17.85	269	ePc	17	19.40	1.8
	2.0s	10.00nm			3.7mb X	
ISO	18.55	215	iPd	17	25.60	-0.1
SLKI	19.40	262	ePd	17	35.80	1.1
			iS	17	45.80	
GUA	19.81	343	eP	17	40.20	1.3
	0.8s	2901.49nm			6.7mb	
			eS	21	21.50	
GUMO	19.87	343	eP	17	40.60	1.1
	2.3s	********nm			7.3mb X	
PJG	19.87	343	eP	17	40.00	0.5
RMO	20.91	185	iPd	17	50.70	0.7
	0.8s	955.00nm			6.2mb	
PVC	21.06	127	iPd	17	51.50	-0.1
WB2	21.38	227	iPc	17	54.90	0.1
			iS	21	45.00	
WRA	21.39	227	Pc	17	54.60	-0.3
	0.7s	187.50nm			5.6mb	

30d 11h

BRS	21.82	175	iPd	17	59.10	0.0				iS	27	00.00						pP	22	54.00	98kmX
			i	18	13.00		ANP	41.68	318	iP+	20	57.00	2.9X				sP	23	05.70	
			i	21	27.50					iS	27	06.00						eScP	27	21.00	
			iS	21	52.00		MSZ	41.79	162	Pd	20	55.20	0.6				S	29	57.00	
			i	25	26.00			1.0s	354.00nm				6.1mb	NST	54.31	294	eP	22	32.00	0.0
			i	29	10.20		OYM	42.15	346	eP	20	56.50	-1.2	BJI	55.38	328	iP+	22	39.00	-0.4
DZM	22.41	139	iPd	18	04.90	-0.1	RKG	42.17	223	eP	21	00.80	2.9X				epP	23	07.00	117kmX
			ScP	25	26.50			0.7s	118.00nm				5.8mb				esP	23	17.00	
AAI	22.49	274	eP	18	05.50	-0.2	TSK	42.70	347	eP	21	02.00	-0.2				i	24	29.00	
NOU	22.58	139	iPd	18	06.40	-0.2	DDR	42.71	346	eP	21	02.40	0.1				ePPP	25	53.00	
			SP	25	28.40		SHK	43.34	338	iPc	21	08.20	0.9				eScP	27	26.00	
KNA	23.78	243	eP	18	20.00	1.8	MAT	43.47	345	iPc+	21	07.00	-1.4				eS	30	10.00	
ASPA	24.20	220	iPc	18	23.40	1.1		1.0s	49.00nm				5.2mb				sS	30	56.00	
	0.9s	353.00nm				5.8mb	Z	20s	2.13um				5.0Msz	KHT	55.44	292	eP	22	40.20	-0.1
COO	24.93	178	iPd	18	29.40	0.3				eS	27	25.00		KMI	55.68	305	iPc	22	43.00	0.9
	1.0s	436.00nm				5.9mb	HKC	45.20	309	iP	21	24.70	2.3				pP	23	08.00	102kmX
CMS	26.21	189	iPd	18	39.90	-0.9				eS	27	59.00					sP	23	20.00	
	0.8s	257.00nm				5.8mb	MCO	45.58	308	iP	21	26.70	1.3				PP	24	46.00	
			e	19	03.00		SSE	46.06	324	iP+	21	29.00	-0.1				S	30	16.00	
			e	25	38.00			3.0s	4.30nm				3.7mb X				esS	30	56.00	
KUPT	27.21	259	ePc	18	51.00	0.9	Z	33s	14.40um				5.7MszX	XAN	55.73	318	iPc	22	41.60	-0.6
STK	27.55	197	iPd	18	52.10	-0.9	N	12s	1.30um								pP	23	08.00	109kmX
	0.5s	130.00nm				5.8mb	E	13s	2.30um								sP	23	19.00	
			e	19	14.00					pP	21	54.00	107kmX				PP	24	42.00	
			e	25	42.00					sP	22	06.00					S	30	17.00	
DAV	28.03	296	eP	18	56.00	-1.5				PP	23	19.00		TIY	55.84	324	iPc	22	42.80	-0.1
			eS	24	18.00					ScP	26	46.00					pP	23	10.50	115kmX
RIV	28.15	179	eP	18	58.00	-0.3				S	28	04.00					sP	23	21.00	
			eS	23	32.00					sS	28	49.00					PcP	24	38.00	
NDF	28.83	117	ePd	19	04.00	-0.7				ScS	31	11.00					S	30	22.50	
CAN	29.67	183	iPd	19	11.90	-0.1				SS	31	24.00					sS	31	14.50	
			i	19	50.00		QIZ	47.06	302	Pc	21	37.00	-0.2				ScS	32	12.50	
			i	19	58.00					pP	22	04.00	116kmX	BSI	56.38	280	eP	22	44.50	-2.6
			iS	25	48.00					PcP	23	18.00		CHG	56.42	297	iPc	22	46.20	-1.1
VUN	29.82	117	iPd	19	12.70	-0.8				PP	23	27.50			1.0s	20.00nm			5.1mb	
WAM	30.55	183	eP	19	18.80	-0.8				ScS	31	23.00					eS	30	28.00	
			eS	25	51.10		KGM	47.90	278	ePd	21	43.20	-0.7	CD2	57.64	312	iPc	22	55.60	-0.1
MKS	31.08	269	ePc	19	25.50	0.9				e	22	13.90					pP	23	23.70	116kmX
PCI	31.13	277	eP	19	27.00	1.9	NJ2	48.13	323	iPc	21	47.00	1.7				sP	23	38.00	
	0.7s	10.50nm				4.7mb X				sP	22	24.00					S	31	43.00	
ADE	31.30	199	iPd	19	26.20	-0.2				PP	23	44.00		HHC	58.45	326	Pd	23	01.50	0.2
TOO	32.23	188	eP	19	34.00	-0.4				ScP	26	57.00					pP	23	29.00	113kmX
	0.9s	219.00nm				5.9mb				iS	28	40.00					sP	23	40.00	
BFD	32.35	192	iPd	19	34.80	-0.6				sS	29	27.00					PP	25	14.00	
	0.7s	97.00nm				5.7mb	WHN	49.97	318	iPc	22	01.00	1.6				S	30	55.00	
MBL	33.69	240	iPc	19	46.50	-0.8				ipP	22	28.10	115kmX				sS	31	42.00	
PPR	35.29	295	ePd	20	03.00	2.1				isP	22	38.00		BTO	59.16	325	iPc	23	06.50	0.3
	1.0s	235.00nm				6.0mb				iPP	23	58.00		AFR	59.32	107	iP	23	08.20	0.7
MAN	35.56	305	iPd	20	03.60	0.4				iScP	27	05.00			1.0s	240.00nm			6.2mb	
	0.7s	2418.00nm				7.2mb X				S	28	59.00		PPT	59.52	107	iP	23	10.00	1.1
KKM	36.29	288	ePd	20	09.00	-0.5	PPI	50.45	274	ePc	22	01.70	-1.7		1.0s	130.00nm			6.0mb	
			e	21	30.50			9.7s	55.80nm					PAE	59.52	107	iP	23	09.90	1.0
BAG	36.92	307	ePc+	20	14.00	-0.8	IPM	50.60	281	ePc	22	03.90	-0.7		1.0s	100.00nm			5.8mb	
			eS	25	50.00			0.8s	26.60nm				5.2mb	PPN	59.65	107	iP	23	11.00	1.2
MEK	37.12	232	iPc	20	16.20	-0.1				e	22	55.00			1.0s	180.00nm			6.1mb	
	0.5s	130.00nm				6.1mb				e	27	07.80		TVO	59.84	107	iP	23	12.40	1.3
KLG	37.21	224	eP	20	16.40	-0.5	SNG	51.53	284	eP	22	12.00	0.4		1.0s	145.00nm			6.0mb	
	0.3s	60.00nm				5.9mb	DL2	51.77	331	iPc	22	13.00	0.1	TBI	60.18	114	eP	23	14.00	0.7
TAU	37.33	184	iPd	20	18.60	0.9				pP	22	41.00	119kmX		1.2s	135.00nm			5.9mb	
			eS	26	00.00					sP	22	51.00		LZH	60.32	317	iPc	23	14.50	0.3
SZP	37.65	308	ePc	20	20.00	-0.8				S	29	26.50			5.0s	2887.00nm			6.6mb X	
TRT	37.85	265	iPd	20	21.80	-0.7	TIA	52.10	325	iPc	22	15.40	-0.1	N	40s	2.20um				
NAU	37.94	240	iPc	20	22.90	-0.3				pP	22	42.00	112kmX	E	44s	4.40um				
	0.5s	110.00nm				6.0mb				sP	22	54.30					pP	23	43.00	117kmX
KRP	39.37	148	P	20	35.80	0.9				PP	24	54.00					sP	23	52.00	
			PP	21	10.00					ScP	27	12.10					S	31	21.00	
KLB	40.27	226	eP	20	40.00	-2.4				S	29	31.00					sS	32	09.00	
			i	21	04.40					sS	30	18.20		PMO	60.99	104	iP	23	20.00	1.1
MRWA	40.35	230	iPc	20	42.80	-0.3	PSI	52.34	278	ePd	22	17.50	-0.2		1.2s	280.00nm			6.1mb	
	0.5s	70.00nm				5.7mb		1.0s	48.30nm				5.4mb				ipP	23	48.50	117kmX
BAL	40.51	228	eP	20	44.00	-0.4	PCT	52.82	293	eP	22	22.00	0.9	VAH	61.26	104	iP	23	21.50	0.8
GNZ	41.23	147	P	20	50.10	0.1	TSI	52.83	279	e(P)	22	21.00	-0.2		1.2s	215.00nm			6.0mb	
			e	21	13.00		GYA	53.19	309	Pc	22	25.00	1.1				ipP	23	50.00	117kmX
			S	26	53.00					pP	22	52.00	113kmX	TPT	61.26	104	iP	23	21.70	0.9
NWAO	41.37	225	eP	20	51.00	-0.4				S	29	50.00			1.2s	250.00nm			6.1mb	
			I	21	14.50		SNY	53.24	335	iPc	22	24.00	0.2				ipP	23	50.10	116kmX
			IS	27	03.00					pP	22	52.00	118kmX	RUV	61.50	104	iP	23	23.30	1.0
TATO	41.56	318	iP	20	54.00	1.1				S	29	46.30			1.2s	220.00nm			6.0mb	
	1.8s	1690.14nm				6.5mb	MDJ	53.41	341	eP	22	24.70	-0.3	ADK	63.62	22	eP	23	35.30	-0.5
WEL	41.59	152	iPd	20	52.80	-0.2				pP	22	52.00	114kmX	GTA	64.79	318	iPc	23	44.10	0.3
			pP	21	26.00	149kmX				sP	23	05.00					pP	24	12.00	113kmX
			PcP	22	34.00					PP	24	24.00					PP	26	05.50	
			S	27	00.00					sS	29	33.50					IS	32	16.00	
			SS	30	24.00					S	29	47.00		SHL	64.88	301	iP	23	43.80	-0.9
MUN	41.59	226	iPc	20	52.60	-0.6	LOE	53.45	296	eP	22	24.00	-0.7				IS	32	18.00	
	0.8s	139.00nm				5.8mb	NNT	53.74	290	eP	22	27.20	-0.7	LSA	66.94	305	IPc	23	57.40	-0.7
			i	21	15.70		CN2	54.15	338	IPc	22	30.00	-0.4				pP	24	28.00	124kmX

			sP	24	43.80					i	32	14.00			MOX	123.56	330	ePKP	32	01.00	0.5
			eS	32	40.00					i	37	51.00				2.5s		108.00nm			
PKI	71.01	301	eP	24	23.20	0.1		MSL	107.38	306	ePKP	31	48.00	17.9X				epP	33	45.00	
	0.6s		23.00nm			5.2mb		SOD	107.71	340	ePdiff	27	22.00	-0.3				esP	34	22.00	
KKN	71.19	302	eP	24	23.20	-0.8					i	27	28.00					eSP	43	25.00	
DMN	71.28	301	eP	24	24.10	-0.5		SOD	107.71	340	ePKP	31	48.00	18.3X				esS	44	55.00	
SBA	72.76	176	iP	24	34.10	2.1		KJF	108.87	337	ePdiff	27	27.00	-0.5				eSSS	51	30.00	
	2.2s		492.31nm			5.9mb		KJF	108.87	337	ePKP	31	29.00	-3.0X				eLR	12	25.00	
			(S)	33	48.00						ePP	32	00.00					LQ	20	00.00	
SDN	72.80	27	eP	24	32.00	-0.6					ePPP	32	36.00			WET	123.82	328	iPKPc	32	02.20	1.1
KOD	74.58	282	eP	24	44.00	-0.1					eSkS	37	44.00			GRBS	124.48	328	ePKP	32	02.00	-0.3
HYB	74.75	290	ePc	24	43.00	-1.7					ePS	41	04.00				0.6s		5.00nm			
	1.6s		133.30nm			5.5mb					e	47	20.00			Z	22s		1.00um			5.4Msz
			e	25	13.70			JCT	109.60	60	ePKP	31	34.20	-0.3		MNT	124.69	37	iPKP	32	02.20	-0.6
WMO	74.87	318	P	24	45.20	0.2			0.8s		3.73nm									pP	32	32.00	
			S	34	13.00			SUF	110.20	336	iPdiff	27	32.50	-0.9		KBA	124.78	326	e(PKP)	32	01.00	-2.2
			ScS	34	43.00				0.7s		2.80nm						1.8s		70.60nm			
GBA	75.14	286	P	24	46.70	-0.2		SUF	110.20	336	ePKP	31	35.00	0.5					i	32	30.70	
KDC	77.82	27	eP	25	00.80	-0.2		NUR	111.91	334	iPKP	31	38.70	0.9					i	32	44.80	
NDI	78.29	301	eP	25	02.00	-2.3					ePP	32	16.00						i	33	48.60	
			eS	34	45.00						epPP	32	48.00			WTS	124.93	334	ePKP	32	04.00	1.0
SVW	78.33	24	eP	25	04.20	0.3					eSKS	38	04.00						e	32	33.00	
TTA	79.23	22	eP	25	08.90	0.1					ePS	41	52.00			EKA	126.11	342	PKP	32	06.00	0.7
POO	79.35	290	iPd	25	10.20	0.0					esPS	43	00.00				0.8s		9.30nm			
BOM	80.38	290	eP	25	12.70	-2.9					eSS	47	44.00			OGA	126.19	327	ePKP	32	05.20	-0.8
PMR	81.23	25	e(P)	25	18.10	-1.2		TUL	112.24	54	ePKP	31	39.60	0.3			1.7s		69.00nm			
	Z 20s		1.50um			5.3Msz			0.8s		4.20nm					ENN	126.19	333	ePKPd	32	06.60	1.0
PME	81.29	25	ePc	25	18.70	-0.9		RLO	112.81	53	e(PKP)	31	38.60	-1.8			0.9s		17.00nm			
	0.8s		39.40nm			5.3mb		BHO	113.24	55	ePKP	31	41.50	0.3					e	32	34.00	
KSH	81.81	311	iPc	25	24.00	1.1		TET	114.17	250	iPKP	31	45.00	1.5		MEM	126.26	333	PKP	32	05.50	-0.2
			pP	25	55.00	121kmX					i	32	30.00						e	32	34.70	
			S	35	30.00			FRB	115.40	18	ePKP	31	44.00	-0.4		WIN	126.71	237	ePKP	32	05.50	-2.2
IMA	81.86	20	ePc	25	22.10	-0.6		MTD	115.86	248	iPKPc	31	46.00	-0.9					e	35	13.50	
	0.9s		28.10nm			5.1mb		IKZ	116.35	256	iPKPc	31	48.20	0.2		OSS	126.78	327	ePKPc	32	08.30	1.2
TOA	82.72	25	ePc	25	26.90	-0.2			1.0s		17.10nm					WLF	126.85	332	PKP	32	07.50	0.7
COL	83.36	22	iPc	25	28.20	-2.0					i	32	55.00						e	32	37.50	
FBA	83.36	22	ePc	25	28.30	-1.9		HFS	116.58	338	ePKP	31	46.10	-0.7		SAX	126.86	328	ePKPc	32	98.40	1.0
MAW	84.08	203	eP	25	34.00	0.2			0.3s		1.70nm					SLE	126.97	329	ePKPc	32	07.90	0.7
SPA	84.49	180	iPd	25	32.00	-4.1X		Z	19s		1.10um			5.5Msz		DOU	127.26	333	PKP	32	08.80	1.2
	0.8s		58.33nm			5.5mb					LR	15	52.00						e	34	11.00	
	Z 17s		1.48um			5.4MszX		N82	116.88	339	PKP	31	47.20	-0.2					e	35	20.00	
PHC	89.12	39	eP	26	00.00	1 4			0.8s		5.60nm					LLS	127.28	328	ePKPc	32	08.80	0.7
INK	89.90	21	ePc	26	00.10	-1.9		BUL	117.63	244	iPKPc	31	49.50	-0.7		BSF	127.79	330	ePKP	32	07.80	-1.1
BKS	91.06	52	eP	26	09.80	1 9					iPP	53	04.80			TMA	127.83	327	ePKPc	32	08.80	-0.3
	0.8s		38.00nm			5.7mb		KRI	117.67	248	ePKP	31	49.20	-1.2		HAU	127.90	330	ePKP	32	08.00	-1.0
			eLQ	50	16.00						iPP	33	03.00			MMK	128.35	327	ePKPc	32	10.50	0.3
			eLR	55	06.00			MLR	117.86	319	ePKP	31	50.00	0.1		DIX	128.63	328	ePKPc	32	11.70	1.0
WDC	91.12	50	ePc	26	08.50	0.3		LSZ	119.41	249	iPKPd	31	53.60	-0.1		LOR	129.62	331	ePKP	32	11.70	-0.6
MIN	91.80	50	eP	26	11.00	-0 5			1.0s		27.00nm					LBF	129.76	331	ePKP	32	11.90	-0.7
ORV	91.81	51	ePc	26	11.30	-0 1					i	32	22.20			SSF	129.94	331	ePKP	32	12.50	-0.3
SYO	92.30	200	eP	26	13.50	0 5					i	33	16.00			GRC	129.98	332	iPKPc	32	14.60	1.7
JAS1	92.50	52	ePc	26	14.90	0 3					i	33	19.50						i	35	26.80	
FRI	92.98	53	eP	26	17.20	0.4		SPC	119.74	325	ePKP	31	54.80	1.4		CVF	129.99	323	ePKP	32	12.20	-0.9
PNT	93.97	41	ePc	26	21.00	-0 1		KSP	121.05	328	ePKP	31	56.00	0.4		SMF	130.07	331	ePKP	32	12.50	-0.6
	1.0s		29.00nm			5.6mb					e	33	27.50			UPA	130.10	83	iPKPd	32	13.90	-0.2
			pP	27	07.00	184kmX		LWI	121.44	264	iPKPc	31	57.70	-0.1			0.9s		84.03nm			
MNA	94.31	52	eP	26	23.50	0 4		SRO	121.54	324	ePKP	31	56.90	0.3		AVF	130.20	331	ePKP	32	12.50	-0.8
BMN	95.15	50	P	26	27.00	0.1		ZST	122.04	325	ePKP	31	57.10	-0.5		LDF	130.44	335	ePKP	32	13.40	-0.3
MBC	95.34	14	eP	26	26.00	-0.9					i	33	35.40			FLN	130.46	335	ePKP	32	13.30	-0.5
NEW	95.56	42	eP	26	28.00	-0 5		KMZ	122.09	250	iPKPd	31	50.90	-7.9X		BGF	130.61	331	ePKP	32	13.90	-0.2
			e	27	12.00				0.4s		25.30nm					FRF	130.66	326	ePKP	32	13.80	-0.5
EUR	96.07	51	iP	26	31.40	0.1					i	32	06.00			LMR	130.89	326	ePKP	32	14.00	-0.7
	0.5s		7.98nm			5.5mb					i	32	28.00			GRR	130.91	335	ePKP	32	14.60	0.0
YKA	97.06	28	eP	26	35.00	0.1					i	33	16.00			CDR	131.08	326	ePKPc	32	11.30	-3.8X
RSNT	97.07	28	P	26	34.00	-0.9					i	33	32.00						e	35	26.80	
	0.8s		30.28nm			5.9mb		BRG	122.25	329	iPKP	31	59.00	1.1		TCF	131.11	331	ePKP	32	14.90	-0.2
YKC	97.12	28	ePc	26	34.50	-0.6			1.7s		38.00nm					LPF	131.27	335	ePKP	32	15.30	0.0
	0.6s		15.00nm			5.7mb					e	33	35.00			PSO	131.89	93	ePKP	32	19.00	0.9
EDM	97.98	37	ePc	26	39.00	-0.3					e	35	23.00			BNG	132.32	271	ePKPc	32	11.40	-7.0X
LRM	98.73	45	eP	26	42.20	-0.9					e	43	28.00				0.8s		32.00nm			
SES	99.52	40	ePc	26	45.50	-0.9		SKO	122.25	317	iPKP	31	58.00	-0.2					i	32	17.40	
BDW	100.90	48	Pdiff	26	52.00	-1.0		PRU	122.45	328	ePKP	31	58.20	-0.1					i	32	47.40	
	0.9s		13.33nm			5.6mb		Z	18s		0.90um			5.5Msz		SLA	133.68	132	e(PKP)	32	06.40	-14.5X
ALQ	103.69	56	ePdiff	27	07.00	1.4		N	22s		0.90um					CHN	133.90	88	ePKP	32	23.00	1.4
	0.9s		6.09nm			5.5mb		E	20s		1.30um					TPZ	135.34	128	ePKP	32	16.00	-8.3X
	Z 20s		0.59um			5.1Msz					e	33	02.00						i	32	27.00	
GOL	104.25	51	Pdiff	27	08.00	0.0					e	33	38.20			BOG	135.42	89	ePKP	32	25.50	0.8
LTX	106.33	61	Pdiff	27	20.00	2.7X		CLL	122.46	330	iPKP	31	58.80	0.5					ePP	35	28.00	
	Z 20s		0.84um			5.3Msz					e	33	38.00			FUO	135.79	88	ePKP	32	25.00	-0.4
KEV	106.39	342	ePKP	31	36.00	8.9X		KHC	123.46	328	iPKPc	32	01.30	0.9		CNCB	135.79	121	PKP	32	15.00	-10.5X
			ePP	32	08.00				0.8s		10.50nm								i	32	28.00	
			eSkS	37	44.00				Z 20s		2.30um			5.8Msz		LPB	135.81	120	PKP	32	14.00	-11.4X
			eSKKS	38	28.00						i	32	27.70				1.0s		70.00nm			
			esS	40	52.00						e	33	09.00						i	32	27.00	
			ePS	41	40.00						e	34	12.80						SKP	35	53.00	
BHD	106.65	303	ePKP	31	09.00	-19 7X		OTT	123.49	38	ePKP	32	00.00	-0.4					LR	17	04.00	
			i	31	46.00				1.0s		63.00nm					ZOBO	135.91	120	PKPc	32	14.70	-11.1X

30d 11h

	1.0s	38.75nm				
		i	32	26.90		
		LR	17	12.00		
BMG	136.49	86	ePKP	32	23.00	-3.4X
TOL	138.94	330	ePKP	32	32.00	1.9
			ePP	35	25.00	
			ePS	45	28.00	
SJG	141.94	68	ePKP	32	29.00	-7.1X
			i	36	05.30	
CAR	142.45	80	iPKPd	32	32.50	-4.7X
	0.9s	252.10nm				
IFR	144.23	324	iPKP	32	36.00	-3.8X
AVE	145.68	326	iPKPd	32	42.50	0.5
			i	33	10.00	
VAO	146.79	149	ePKP	32	46.50	2.3X
			e	32	52.70	
			e	33	12.40	
			e	33	23.50	
			e	33	29.70	
			e	33	54.00	
BBL	146.91	70	ePKP	32	45.00	0.5
MGG	146.96	69	ePKP	32	44.50	0.0
FDF	147.40	71	ePKP	32	48.90	3.6X
BIM	147.52	72	ePKP	32	48.44	3.0X
MVM	147.68	72	ePKP	32	48.74	3.0X
TRN	147.84	79	iPKP	32	46.60	0.6
	1.2s	683.80nm				
BMA	148.40	153	ePKP	32	54.80	8.1X
ITA	148.43	152	ePKP	32	51.40	4.3X
			e	32	54.50	
			e	33	11.10	
			e	33	15.20	
			e	33	20.90	
BDF	152.02	139	iPKPc	32	53.40	0.9
			i	33	01.00	
			i	33	34.80	
ATB	155.49	110	iPKPc	32	57.50	0.4
KIC	155.55	273	ePKP	32	56.90	-0.3
SOB1	161.34	142	iPKPc	33	05.00	1.1
			e	33	09.70	
ITR	163.13	147	iPKPc	33	06.30	0.6
			e	33	12.30	
			e	33	32.80	
			e	34	21.60	
CAI	165.69	147	iPKPc	33	09.10	1.1
			e	33	35.90	

S.D. = 0.9 on 246 of 275 obs.

DEC 30, 1985 12h 41m 02.72± 0.22s
61.541 N ± 2.2km 150.340 W ± 2.0km
DEPTH = 62.1 ± 2.2 km
5.5mb (69 obs.)
SOUTHERN ALASKA (2)

Felt (V) at Anchoroge ond Eagle River. Felt (IV) at Chugiok, Cooper Landing, Elmendorf Air Force Base, Girdwood, Kenai, Palmer, Peters Creek, Skwentna, Sutton, Tyonek, Willow and Wasilla. Felt (III) at Seward.

SUA	0.21	248	iP	41	13.20	0.5
PWA	0.25	63	eP	41	13.20	0.5
PMS	0.48	128	iPc	41	14.70	-0.1
PLRM	0.58	84	iP	41	16.07	0.3
PMR	0.58	84	iPc	41	16.10	0.3
PME	0.63	81	iPc	41	17.00	0.6
GHO	0.71	70	iP	41	18.35	0.9
SKT	0.72	308	iP	41	19.00	1.6
SPU	0.90	247	iP	41	20.65	0.9
NKA	0.91	209	iP	41	21.54	1.7
CRP	0.92	253	iP	41	21.06	1.0
PTE	0.93	136	iP	41	19.95	-0.1
SML	0.99	73	iP	41	21.88	0.9
SLKM	1.04	177	iP	41	21.12	-0.4
MPA	1.16	155	iP	41	22.70	-0.4
PWL	1.19	124	iP	41	23.62	0.1
CFI	1.29	105	iP	41	25.30	0.4
RDT	1.40	227	iP	41	26.95	0.5
SCM	1.47	77	iP	41	28.35	1.0
SEW	1.51	163	eP	41	26.60	-1.2
NNL	1.58	198	iP	41	29.67	0.8
LOU	1.70	128	iP	41	28.86	-1.7
GLI	1.71	111	iP	41	30.02	-0.6
KNIM	1.75	132	iP	41	29.51	-1.7
BRLK	1.80	189	eP	41	31.30	-0.7
ILM	1.82	223	iP	41	32.75	0.5
VZW	1.89	103	iP	41	33.10	-0.1
VLZ	1.98	100	iP	41	34.14	-0.2
FID	2.03	111	iP	41	33.87	-1.3
MTU	2.04	139	iP	41	33.78	-1.5
TOA	2.06	72	iPd	41	37.30	1.7
KLU	2.12	89	iP	41	36.45	0.0
			eS	42	01.50	
HIN	2.20	120	iP	41	36.16	-1.3
SVW	2.58	263	eP	41	43.70	0.8
SGAM	2.71	110	iP	41	43.18	-1.5
MID	2.90	135	eP	41	46.30	-1.1
TTA	3.00	300	iPc	41	50.00	1.1
GLB	3.13	89	iP	41	49.84	-0.9
COL	3.56	18	iPc	41	57.70	1.0
FBA	3.56	18	ePc	41	57.80	1.1
BALM	3.89	94	iP	42	00.03	-1.4
KDC	3.96	197	eP	41	59.60	-2.6
YAH	4.35	102	eP	42	06.13	-1.9
CTGM	4.39	94	eP	42	07.15	-1.3
IMA	4.78	343	ePc	42	14.30	0.4
DWY	5.60	59	P	42	25.50	0.2
			Lg	44	00.50	
SDN	8.18	225	e(P)	43	00.70	-0.3
INK	9.82	39	eP	43	22.00	-1.5
BRW	10.13	348	e(P)	43	26.00	-1.7
PHC	16.65	120	eP	44	54.00	0.9
YKA	16.67	71	eP	44	52.00	-1.2
RSNT	16.68	71	eP	44	52.00	-1.3
YKC	16.73	71	ePd	44	51.50	-2.5
	0.9s	48.00nm			4.7mb	
ADK	17.27	248	e(P)	45	02.30	1.6
MBC	18.09	23	eP	45	10.00	-0.6
	0.7s	38.00nm			4.7mb	
PGC	19.89	118	eP	45	32.00	0.8
PNT	21.06	111	iPd	45	43.90	0.6
	1.0s	118.00nm			5.2mb	
EDM	21.34	96	iPd	45	47.70	1.6
	1.4s	565.00nm			5.7mb	
NEW	22.95	110	iPd	46	04.00	2.0
	1.0s	90.00nm			5.2mb	
COR	23.22	125	iPd	46	07.00	2.4
SES	24.26	99	ePd	46	15.20	0.5
	1.0s	144.00nm			5.4mb	
FFC	25.89	83	iPd	46	30.20	0.3
	1.6s	146.00nm			5.3mb	
FHC	26.20	130	eP	46	34.90	1.9
LBFM	26.52	127	eP	46	37.50	1.4
LRM	26.89	108	eP	46	39.80	0.3
WDC	26.93	128	iPd	46	41.00	1.4
MIN	27.49	127	iPd	46	45.70	0.8
GAS	27.68	130	eP	46	48.10	1.6
ORV	28.22	128	iPd	46	51.40	0.2
ALE	29.26	16	eP	47	00.00	-0.3
	0.6s	11.00nm			4.7mb	
BRK	29.41	131	eP	47	03.10	1.1
BKS	29.42	131	iP	47	03.30	1.2
	1.2s	294.00nm			5.8mb	
JAS1	30.05	128	iPd	47	08.60	0.9
MHC	30.11	130	eP	47	09.30	0.9
EUR	30.47	121	iP	47	12.50	0.9
	0.5s	45.48nm			5.5mb	
MNA	30.48	124	iPd	47	12.80	1.1
BDW	30.56	109	eP	47	12.80	0.4
SAO	30.70	131	eP	47	13.80	0.5
LLA	31.01	130	eP	47	17.70	1.6
PRS	31.11	131	eP	47	17.90	0.9
FRI	31.14	128	iPd	47	18.00	0.8
PRI	31.53	130	iPd	47	22.50	1.6
RSON	32.23	83	eP	47	26.30	-0.3
FRB	35.25	50	eP	47	52.00	-0.5
LHC	36.00	83	eP	47	59.00	-0.1
ALO	38.36	113	eP	48	20.00	0.8
	1.3s	48.08nm			5.2mb	
DAG	38.65	16	iPc	48	20.60	-0.3
	0.7s	13.01nm			4.9mb	
ACO	40.22	104	iPd	48	34.70	0.3
	1.0s	78.00nm			5.5mb	
SCH	41.67	60	ePd	48	46.00	-0.1
OCO	41.96	103	ePd	48	48.10	-0.5
MEO	42.05	105	iPd	48	49.40	0.0
SIO	42.32	102	iPd	48	51.50	-0.1
TUL	42.43	101	iPd	48	52.40	-0.1
	1.3s	213.60nm			5.8mb	
Z	20s	3.26um			5.2Msz	
RLO	42.58	100	iPd	48	53.40	-0.3
FVM	43.30	95	eP	48	59.00	-0.6
BHO	44.11	102	iPd	49	06.20	0.0
LTX	44.37	115	eP	49	09.00	0.6
POW	44.41	97	eP	49	06.50	-2.1
OTT	44.57	75	eP	49	09.50	-0.2
JCT	45.10	110	iP	49	14.70	0.5
	1.0s	57.50nm			5.4mb	
MNT	45.46	74	iPd	49	16.00	-0.8
	0.9s	48.00nm			5.4mb	
RSNY	45.76	75	eP	49	18.00	-1.2
MDJ	47.67	288	eP	49	33.00	-1.2
AKU	48.26	24	iP	49	40.60	2.1
	1.0s	56.00nm			5.5mb	
TBR	48.54	78	eP	49	40.50	-0.5
KEV	48.98	1	eP	49	43.00	-1.0
MAT	49.98	274	(P)	49	51.00	-1.1
	0.7s	13.70nm			5.1mb	
			(S)	56	06.00	
CN2	50.18	290	iPd	49	52.50	-1.0
			pP	50	08.00	59kmX
			eS	57	00.00	
SOD	51.37	2	iP	50	01.70	-0.5
SNY	52.58	290	eP	50	11.00	-0.7
KJF	54.57	1	iP	50	25.00	-1.0
	0.8s	24.90nm			5.3mb	
			i	50	45.20	
SUF	56.03	2	iP	50	35.60	-1.0
	0.5s	8.00nm			5.0mb	
NB2	56.93	11	P	50	41.80	-1.4
	1.0s	18.20nm			5.1mb	
BJI	57.31	294	eP	50	44.50	-1.5
HFS	58.03	9	eP	50	49.20	-1.6
	0.9s	22.00nm			5.3mb	
Z	20s	0.33um			4.4Msz	
			LR	13	47.00	
NUR	58.22	3	iP	50	51.20	-0.9
	0.4s	20.50nm			5.6mb	
UPP	58.57	7	iP	50	52.60	-2.0
	1.0s	100.00nm			5.9mb	
HHC	58.62	298	P	50	54.60	-0.7
ELO	59.45	21	iPd	51	00.00	-0.8
	0.6s	17.00nm			5.4mb	
BTO	59.47	299	eP	51	00.00	-1.2
EDU	59.50	20	iPd	51	00.20	-0.8
EAS	59.62	21	iPd	51	01.50	-0.4
EBH	59.70	21	iPd	51	01.90	-0.6
	0.4s	30.00nm			5.8mb	
EAU	60.10	21	iPd	51	05.00	-0.2
EBL	60.23	21	ePd	51	00.60	-5.5X
	0.7s	48.00nm			5.7mb	
EKA	60.64	21	Pc	51	08.80	0.0
	1.0s	48.40nm			5.6mb	
ESK	60.64	21	eP	51	08.50	-0.4
TIY	60.86	296	eP	51	10.20	-0.5
ETA	62.60	24	iPd	51	21.50	-0.5
	1.1s	140.00nm			6.0mb	
ECB	62.80	24	eP	51	23.40	0.1
	1.3s	210.00nm			6.1mb	
ECP	83.06	24	iPd	51	24.00	-1.0
	1.3s	230.00nm			6.1mb	
WIT	64.54	15	eP	51	36.00	1.3
GTA	64.59	306	Pc	51	35.00	-0.4
			pP	51	51.40	61kmX
			S	00	09.70	
WMQ	65.03	317	eP	51	38.20	0.1
			pP	51	54.50	60kmX
WTS	65.36	15	ePd	51	40.00	0.1
	1.0s	68.00nm			5.6mb	
XAN	65.48	296	eP	51	39.20	-1.9
LZH	65.86	301	Pc	51	42.70	-0.9
			pP	51	59.40	62kmX
WHN	66.07	290	Pc	51	43.60	-1.2
			pP	52	00.60	63kmX
UCC	66.20	17	P	51	46.00	0.7
			e	52	03.00	
BNS	66.41	15	iPd	51	47.10	0.4
	1.1s	97.00nm			5.7mb	
ENN	66.44	16	ePd	51	46.50	-0.4
	1.4s	191.00nm			5.9mb	
			e	52	04.00	
SNF	66.47	17	Pd	51	47.10	0.0
MEM	66.61	16	Pd	51	47.80	-0.1
CLL	66.72	11	iPd	51	48.30	-0.3
	1.1s	58.00nm			5.5mb	
			i	52	05.00	
DOU	66.92	17	P	51	50.00	0.1
	1.0s	77.80nm			5.6mb	
			e	52	06.50	
			P'P'	20	37.10	

30d 12h

BRG	67.23	11	iPd	51	51.80	-0.1	LPG	71.72	17	iPd	52	21.00	1.2	PMR	0.58	76	iPc	00	43.10	-0.6
	1.2s	75.00nm			5.5mb		FOUF	72.67	17	P	52	26.75	1.7	PME	0.63	73	iPc	00	44.00	-0.4
			i	51	57.90		GYA	73.00	294	Pd	52	27.40	0.0	GHO	0.73	64	iP	00	45.38	-0.4
			i	52	07.00					pP	52	43.40	58kmX				eS	00	57.03	
MOX	67.24	12	iPd	51	52.50	0.5	EPF	73.11	22	ePd	52	27.10	-0.6	SKT	0.79	312	iP	00	45.98	-0.5
	1.0s	108.00nm			5.8mb		LGR	73.12	24	ePd	52	28.50	0.7	NKA	0.85	213	iP	00	48.35	1.2
			i	51	58.50		MLR	73.28	3	ePd	52	30.20	1.4	PTE	0.86	133	iP	00	46.93	-0.4
			i	52	09.00		MLS	73.31	22	iPd	52	28.90	0.1	SPU	0.89	253	iP	00	47.48	-0.4
FLN	67.41	21	eP	51	52.90	-0.2				i	52	46.00					iS	01	00.45	
KSP	67.46	9	iPd	51	53.60	0.2	CDR	73.37	18	iPc	52	29.60	0.5	CRP	0.92	259	iP	00	48.00	-0.3
	1.0s	74.00nm			5.6mb					e	52	46.20		SLKM	0.95	178	eP	00	47.86	-0.8
WLF	67.55	16	P	51	54.00	0.1	CMP	73.48	3	ePc	52	32.00	2.2	SML	1.00	68	iP	00	48.92	-0.4
			e	52	11.50		FRF	73.60	17	eP	52	30.90	0.4	MPA	1.07	154	eP	00	49.70	-0.5
MOF	67.59	12	iPd	51	54.20	0.0	LRG	73.67	17	eP	52	31.60	0.8				eS	01	04.30	
LDF	67.64	21	iPd	51	54.40	-0.1	LMR	73.81	17	eP	52	31.90	0.2	PWL	1.12	121	iP	00	50.62	-0.4
GRR	67.71	21	iPd	51	55.10	0.2		1.0s	64.00nm			5.5mb		CFI	1.25	102	eP	00	52.37	-0.3
LPF	68.02	22	iPd	51	57.20	0.3	FIR	73.98	14	eP	52	33.50	0.9	RDT	1.36	230	iP	00	53.70	-0.5
GRF	68.14	13	eP	51	58.10	0.5	CVF	74.88	16	eP	52	38.00	0.0	SEW	1.42	163	eP	00	54.00	-1.0
	1.1s	56.00nm			5.5mb			1.0s	52.00nm			5.4mb		SCM	1.47	74	eP	00	55.65	-0.2
PRU	68.16	10	iPd	51	58.10	0.3	TOL	75.29	26	eP	52	41.00	0.7	NNL	1.50	200	eP	00	56.65	0.5
	1.2s	49.50nm			5.4mb					i	52	59.00		LOU	1.63	126	iP	00	56.06	-2.0
			e	52	15.00		TPT	76.30	177	iP	52	45.80	-0.3	GLI	1.66	109	iP	00	57.13	-1.3
			eSg	06	56.50			1.0s	70.00nm			5.6mb		KNIM	1.67	130	eP	00	56.48	-2.1
KRA	68.48	7	eP	51	59.50	-0.2	PMO	76.31	178	iP	52	45.60	-0.5	BRLK	1.72	190	eP	00	58.32	-1.0
	0.7s	37.00nm			5.4mb			1.0s	55.00nm			5.5mb		TOA	2.07	70	eP	01	04.50	0.3
			e	52	05.80		LSA	76.48	308	iP	52	47.90	0.1	KLU	2.10	87	eP	01	03.50	-1.2
			e	52	16.00		RUV	76.51	177	iP	52	46.90	-0.3	TTA	3.06	301	eP	01	17.00	-1.3
WET	68.85	12	iPd	52	02.50	0.5		1.0s	70.00nm			5.6mb		COL	3.64	17	eP	01	25.00	-1.4
	1.5s	127.00nm			5.6mb		VAH	76.55	177	iP	52	47.00	-0.5	FBA	3.64	17	e(P)	01	26.60	0.2
KHC	68.93	11	iPc	52	02.50	0.0		1.0s	90.00nm			5.7mb		DWY	5.63	58	P	01	53.00	-1.4
	1.0s	75.00nm			5.6mb		SKO	76.62	6	iP	52	48.00	0.2				Lg	03	23.00	
			e	52	19.50					i	53	04.70			31 obs. associated					
CDF	68.93	16	iPd	52	02.80	0.2	VAY	77.33	5	eP	52	51.70	0.1							
	1.0s	44.00nm			5.3mb		PGP	77.63	275	ePd	52	48.00	-5.7X	& DEC 30, 1985 14h 07m 16.33s						
HAU	69.21	17	iPd	52	04.40	0.2	OIZ	78.04	288	eP	52	56.40	0.5	62.304 N 150.772 W						
	1.0s	64.00nm			5.5mb		PPN	78.80	179	eP	52	59.00	-0.9	DEPTH = 63.2km						
SPC	69.36	7	eP	52	06.20	0.8		1.0s	95.00nm			5.7mb		CENTRAL ALASKA						(1)
			e	52	22.20		TVO	79.05	179	eP	53	01.00	-0.3	<AGS-P>.						
GRC	69.42	19	iPc	52	06.00	0.5		1.0s	85.00nm			5.6mb								
			i	52	11.40		KKN	80.36	312	eP	53	09.00	0.4	SKT	0.48	228	iP	07	27.60	-1.0
BSF	69.44	16	iPd	52	05.80	0.1		0.6s	24.00nm			5.3mb		PWA	0.78	147	e(P)	07	31.50	-0.4
	1.0s	92.00nm			5.7mb		PKI	80.51	312	eP	53	09.70	0.1	SUA	0.84	179	eP	07	32.26	-0.6
MFF	69.56	21	iPd	52	06.50	0.1	DMN	80.59	312	eP	53	10.50	0.6				eS	07	44.69	
	1.1s	83.00nm			5.6mb			0.5s	25.00nm			5.4mb		GHO	1.02	121	eP	07	34.44	-0.7
LOR	69.57	18	iPd	52	06.50	0.1	NDI	82.24	319	iPc	53	17.60	-0.5	PLRM	1.05	132	eP	07	34.97	-0.5
FUR	69.65	13	iPd	52	07.30	0.4		0.8s	26.12nm			5.3mb		PME	1.07	129	eP	07	35.40	-0.2
	1.0s	123.00nm			5.8mb		CHG	83.06	297	eP	53	23.00	0.5	PMS	1.21	151	eP	07	37.10	-0.5
SSF	69.72	19	iPd	52	07.40	0.1	LOE	83.10	294	eP	53	21.00	-1.7	CRP	1.23	213	eP	07	37.28	-0.7
SLE	69.72	15	eP	52	07.20	-0.2	HRI	85.40	355	iP	53	35.50	1.3				iS	07	53.85	
LBF	69.86	18	iPd	52	08.00	-0.3	JER	86.91	355	iPc	53	42.70	1.0	SML	1.25	112	iP	07	37.79	-0.4
	1.0s	54.00nm			5.4mb		PRNI	88.34	355	iP	53	49.50	1.0	SPU	1.28	209	eP	07	36.77	-1.8
AVF	69.96	19	iPd	52	08.70	-0.1	HYB	92.27	314	eP	54	04.50	-2.4	PTE	1.67	149	eP	07	42.44	-1.4
ZUL	69.99	15	eP	52	09.20	0.2	NNA	92.75	110	eP	54	08.00	-1.0	SLKM	1.82	171	eP	07	45.56	-0.4
BGF	70.10	19	iPd	52	09.80	0.1	CTA	95.63	238	IPc	54	21.80	-0.3	RDT	1.91	205	eP	07	46.26	-0.9
ZST	70.15	9	iPd	52	10.70	0.8		1.3s	17.31nm			5.4mb		MPA	1.94	159	eP	07	45.45	-2.2
			i	52	15.80		WB2	100.57	248	ePdiff	54	46.30	1.8	TOA	2.17	93	eP	07	51.40	0.6
			i	52	27.40		WRA	100.57	248	Pdiffc	54	42.80	-1.7	KLU	2.44	107	iP	07	52.61	-2.0
SMF	70.17	19	iPd	52	10.00	-0.1		0.4s	0.40nm			4.4mb X		TTA	2.50	287	eP	07	52.80	-2.7
BHG	70.26	12	eP	52	11.00	0.4	MSZ	111.10	211	Pdiff	55	37.00	6.2X	BRLK	2.55	181	eP	07	56.66	0.5
	1.0s	73.00nm			5.6mb		BUL	138.63	1	ePKP	00	13.10	-9.9X	SVW	2.60	245	e(P)	07	56.60	-0.3
TCF	70.26	20	iPd	52	10.60	-0.1		0.7s	3.77nm					COL	2.93	26	eP	07	58.00	-3.4
	1.0s	40.00nm			5.3mb		SLR	144.19	2	iPKPd	00	30.00	-2.7	FBA	2.93	26	eP	07	58.50	-2.9
SAX	70.33	15	eP	52	11.90	0.5		1.0s	40.00nm					GLB	3.41	102	eP	08	06.20	-2.1
CD2	70.37	299	eP	52	11.20	-0.4	KSR	144.29	4	iPKPc	00	31.00	-1.9		22 obs. associated					
MZF	70.40	20	eP	52	11.50	0.0		1.2s	76.00nm											
PSZ	70.61	7	iPd	52	13.90	1.1	BPI	144.63	3	iPKPc	00	30.50	-3.0	& DEC 30, 1985 14h 23m 16.91s						
SRO	70.62	8	iP	52	14.00	1.2		1.0s	40.00nm					62.616 N 148.688 W						
LLS	70.67	15	eP	52	13.80	0.4	BFS	145.31	5	iPKPd	00	33.10	-1.4	DEPTH = 45.7km						
OGA	70.90	13	iPd	52	15.50	0.7		1.0s	260.00nm					CENTRAL ALASKA						(1)
	1.2s	78.00nm			5.5mb		SUR	150.26	15	ePKP	00	47.50	5.2X	<AGS-P>. Felt (III) at						
KBA	70.94	12	eP	52	14.00	-1.0		0.9s	25.21nm					Talkeetna.						
	1.0s	151.00nm			5.9mb		SPA	151.38	180	iPKPd	00	49.00	6.2X							
			id	52	15.50			1.0s	117.50nm					SML	0.83	168	iP	23	31.94	-0.4
			i(pP)	52	31.90	66kmX		S.D. = 1.0 on 237 of 243 obs.						GHO	0.85	188	iP	23	32.07	-0.7
OSS	70.98	14	eP	52	15.90	0.6											iS	23	43.82	
VDL	71.10	15	eP	52	16.90	0.9	& DEC 30, 1985 14h 00m 31.26s							PME	1.00	189	iPc	23	34.10	-0.7
RJF	71.11	21	eP	52	15.50	-0.3	61.455 N 150.297 W							SCM	1.01	140	iP	23	34.62	-0.4
EMS	71.18	17	eP	52	17.10	0.6	DEPTH = 54.1km							PLRM	1.05	192	eP	23	34.39	-1.0
DIX	71.24	16	eP	52	17.60	0.7	SOUTHERN ALASKA						(2)	PWA	1.12	211	iPd	23	35.60	-0.8
LFF	71.33	21	iPd	52	17.30	0.2	<AGS-P>. Felt at Anchorage.							TOA	1.28	113	ePc	23	39.50	0.8
	1.2s	101.10nm			5.6mb									PMS	1.44	197	iPd	23	40.20	-0.7
MMK	71.34	16	eP	52	18.50	1.0	SUA	0.21	273	iP	00	40.09	-0.3	SKT	1.47	246	iP	23	39.79	-1.6
TMA	71.40	15	eP	52	18.10	0.3				iS	00	47.95		CFI	1.50	163	iP	23	41.47	-0.3
CAF	71.57	20	iPd	52	18.70	0.1	PWA	0.28	45	iPc	00	40.10	-0.6	SUA	1.51	221	iP	23	41.30	-0.7
	1.0s	68.00nm			5.5mb		PMS	0.41	120	iPc	00	41.60	-0.4				iS	24	01.89	
LPO	71.65	21	iPd	52	19.20	0.1	PLRM	0.58	76	iP	00	43.06	-0.7	KLU	1.72	130	iP	23	44.74	-0.3
	1.1s	92.70nm			5.6mb					iS	00	52.75		PTE	1.77	185	iP	23	44.77	-0.7

30d 14h

PWL	1.77	174	iP	23	44.77	-0.9
VLZ	1.86	142	iP	23	45.78	-1.1
VZW	1.86	146	iP	23	46.04	-0.9
GLI	1.90	156	eP	23	46.27	-1.2
CRP	2.13	232	eP	23	49.62	-1.2
SPU	2.15	229	iP	23	49.79	-1.2
FID	2.15	150	iP	23	49.84	-1.1
MPA	2.16	189	eP	23	50.20	-0.9
LOU	2.22	166	iP	23	50.12	-1.8
NKA	2.24	214	eP	23	54.14	1.9
SLKM	2.24	200	eP	23	51.08	-1.2
KNIM	2.32	168	eP	23	51.54	-1.9
COL	2.33	9	iP	23	51.80	-1.7
FBA	2.33	9	ePc	23	51.70	-1.8
HIN	2.46	154	iP	23	54.08	-1.4
SEW	2.55	189	eP	23	55.93	-0.7
GLB	2.58	115	eP	23	56.47	-0.8
MTU	2.68	169	eP	23	56.47	-2.2
SGAM	2.70	140	iP	23	57.09	-1.8
RDT	2.71	223	eP	23	57.00	-2.1
NNL	2.87	207	eP	24	00.84	-0.5
BRLK	3.05	201	eP	24	02.15	-1.8
ILM	3.15	221	eP	24	03.30	-1.9
TTA	3.38	279	eP	24	05.20	-3.4
KAIM	3.40	141	eP	24	06.47	-2.2
MID	3.40	159	e(P)	24	08.20	-0.5
BALM	3.40	115	iP	24	07.28	-1.6
SVW	3.62	248	e(P)	24	08.60	-3.2
CTGM	3.86	112	iP	24	14.32	-1.2
YAH	4.02	121	eP	24	15.33	-2.5
IMA	4.09	330	ePc	24	15.30	-3.4
WRG	4.12	126	eP	24	16.87	-2.1
DWY	4.41	67	P	24	21.00	-2.1
			Lg	25	31.00	
KDC	5.24	203	e(P)	24	30.60	-4.0
BRW	9.27	344	e(P)	25	24.50	-6.2
YKA	15.61	75	eP	26	53.00	-2.0

49 obs. associated

DEC 30, 1985 14h 33m 48.04± 0.61s
4.700 S ± 7.3km 145.238 E ± 7.8km
DEPTH = 155.3 ± 5.4 km
4.2mb (1 obs.)
NEAR N COAST OF PAPUA NEW GUINEA(200)

MDG	0.77	135	iPd	34	12.00	0.2
WEW	1.97	305	eP	34	22.00	-1.5
MNDI	2.14	227	eP	34	27.00	1.3
LAT	2.62	138	eP	34	32.50	1.2
TZZ	4.04	262	iPd	34	50.40	0.7
PMG	5.05	158	eP	35	01.00	-2.0
WB2	18.49	214	iPc	37	54.80	-0.2
WRA	18.50	214	Pc	37	54.50	-0.6
	0.4s		4.50nm		4.2mb	
KNA	19.56	235	eP	38	05.00	-1.1
ASPA	21.80	209	iPd	38	29.40	0.9
BRS	23.68	163	iP	38	46.60	-0.2
YOU	29.58	175	eP	39	40.50	0.1
CAN	30.67	174	eP	39	50.00	0.0
WAM	31.52	174	eP	39	57.50	0.1
PKI	65.97	303	eP	44	20.40	0.0
KKN	66.15	303	eP	44	21.70	0.3
DMN	66.24	303	eP	44	22.60	0.6
COL	84.68	23	eP	46	05.00	-0.2
INK	91.10	22	eP	46	36.00	0.3
S.D. = 0.9			on	19	of 19	obs.

& DEC 30, 1985 14h 35m 37.93s
61.455 N 150.306 W
DEPTH = 54.6km
SOUTHERN ALASKA (2)
<AGS-P>.

SUA	0.21	273	iP	35	46.70	-0.4
			iS	35	54.33	
PWA	0.28	46	iPd	35	46.90	-0.5
PMS	0.42	120	iPd	35	48.40	-0.3
PLRM	0.58	76	iP	35	49.83	-0.6
			eS	35	59.90	
PMR	0.58	76	iPc	35	49.90	-0.6
PME	0.63	74	iPc	35	50.80	-0.4
GHO	0.73	64	iP	35	52.17	-0.3
			iS	36	03.90	
SKT	0.79	313	iP	35	52.50	-0.6
NKA	0.85	213	eP	35	55.04	1.2
PTE	0.86	133	iP	35	53.73	-0.3
SPU	0.89	253	iP	35	54.07	-0.4
CRP	0.91	259	iP	35	54.55	-0.4
			eS	36	07.70	
SLKM	0.95	177	iP	35	54.60	-0.7
SML	1.01	69	eP	35	55.60	-0.5
MPA	1.07	154	iP	35	56.40	-0.5
PWL	1.13	121	iP	35	57.38	-0.3
CFI	1.26	101	iP	35	59.15	-0.3
RDT	1.35	230	iP	36	00.40	-0.5
SEW	1.42	162	eP	36	01.50	-0.2
SCM	1.47	74	eP	36	02.25	-0.3
NNL	1.50	199	eP	36	03.43	0.6
LOU	1.63	126	iP	36	02.82	-1.9
GLI	1.66	109	iP	36	03.87	-1.2
KNIM	1.68	130	iP	36	03.27	-2.1
BRLK	1.72	190	eP	36	04.95	-1.0
VZW	1.86	101	iP	36	06.90	-1.0
VLZ	1.95	98	iP	36	07.96	-1.1
MTU	1.97	137	eP	36	07.70	-1.7
FID	1.99	109	iP	36	07.70	-2.0
TOA	2.07	70	ePc	36	11.20	0.3
KLU	2.11	87	iP	36	10.35	-1.1
SVW	2.59	265	eP	36	17.10	-1.1
SGAM	2.66	109	eP	36	16.98	-2.3
MID	2.83	134	e(P)	36	27.10	5.5
TTA	3.06	301	ePc	36	24.00	-1.0
COL	3.64	17	eP	36	33.00	-0.1
FBA	3.64	17	eP	36	32.10	-1.0
BALM	3.87	93	eP	36	33.95	-2.5
KDC	3.88	198	e(P)	36	36.60	0.2
YAH	4.32	101	e(P)	36	41.30	-1.6
IMA	4.87	344	eP	36	49.10	-1.4

41 obs. associated

DEC 30, 1985 16h 50m 28.38± 0.73s
42.380 N ± 7.1km 19.897 E ± 5.4km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
DUR 3.0 (TTG).

PVY	0.22	15	iPg	50	32.70	-0.5
			iSg	50	38.00	
TTG	0.47	276	iPg	50	37.20	-0.8
			iSg	50	47.00	
IVA	0.49	0	ePg	50	38.00	-0.4
			eSg	50	47.50	
PLE	1.02	339	ePg	50	48.00	0.3
			eSg	51	06.40	
HCY	1.04	274	ePg	50	48.00	0.0
			eSg	51	06.00	
BRY	1.13	298	ePg	50	49.50	-0.1
			eSg	51	08.20	
SKO	1.22	109	ePn	50	50.00	-1.0
			i	50	52.00	
VAY	2.26	117	iPn	51	07.50	1.2
KHC	8.07	329	P	52	29.70	1.4
S.D. = 1.0			on	9	of 9	obs.

• DEC 30, 1985 17h 26m 24.10± 2.73s
44.292 N ± 9.2km 7.260 E ±33.7km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.8 (LDG).

FRF	0.86	211	Pg	26	41.40	0.8
			Sg	26	53.20	
LRG	1.06	218	Pg	26	44.50	0.4
			Sg	26	59.90	
LMR	1.10	210	Pg	26	43.70	-1.1
			Sg	26	58.50	
CDR	1.24	241	eP	26	47.00	-0.2
			e	27	03.50	
			i	27	05.30	
LPG	1.26	343	Pn	26	47.70	0.0
			Sn	27	03.20	
S.D. = 1.0			on	5	of 5	obs.

DEC 30, 1985 17h 37m 31.81± 0.65s
50.256 N ± 6.6km 12.420 E ± 6.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.4 (GRF).

MOX	0.65	308	iPg	37	44.50	-0.2
			iSg	37	54.00	
GRF	0.96	234	ePg	37	50.30	0.3
			eSg	38	02.70	
CLL	1.12	19	iPg	37	52.90	0.1
			iSg	38	08.30	
BRG	1.15	57	iPg	37	53.40	0.0
			iSg	38	08.40	
KHC	1.35	146	Pg	37	56.50	-0.2
			Sg	38	13.90	
			e	38	49.10	
PRU	1.39	100	Pg	37	57.30	0.1
			Sg	38	15.50	
S.D. = 0.3			on	6	of 6	obs.

• DEC 30, 1985 17h 38m 50.83± 1.17s
50.201 N ± 9.5km 12.374 E ±10.3km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.66	313	ePg	39	03.50	-0.5
			eSg	39	12.50	
CLL	1.18	20	(Pg)	39	14.00	1.2
			lSg	39	27.10	
BRG	1.21	56	iPg	39	12.60	-0.7
			iSg	39	17.60	
KHC	1.33	143	ePg	39	15.90	0.6
			Sg	39	32.70	
PRU	1.41	98	ePg	39	16.00	-0.6
			Sg	39	34.00	
S.D. = 1.2			on	5	of 5	obs.

• DEC 30, 1985 18h 24m 12.78± 0.81s
50.269 N ± 8.8km 12.423 E ± 6.6km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.2 (GRF).

MOX	0.64	307	ePg	24	25.50	-0.1
			eSg	24	34.50	
GRF	0.97	234	ePg	24	31.30	0.1
			eSg	24	43.50	
CLL	1.11	19	iPg	24	33.50	0.0
			iSg	24	49.10	
BRG	1.14	57	iPg	24	34.40	0.2
			iSg	24	49.20	
PRU	1.39	101	ePg	24	38.00	-0.2
			Sg	24	56.40	
S.D. = 0.2			on	5	of 5	obs.

• DEC 30, 1985 18h 40m 00.96± 1.51s
33.034 S ± 6.2km 71.910 W ±14.7km
DEPTH = 49.3 ± 10.1 km
4.8mb (4 obs.)
NEAR COAST OF CENTRAL CHILE (135)
Felt (III) at Santiago.

ROCH	0.76	86	iPd	40	14.60	-1.2
LNV	1.01	156	iPc	40	17.90	-1.1
TACH	1.02	127	iPc	40	18.70	-0.5
			i(S)	40	32.30	
PEL	1.03	96	iPd	40	19.20	-0.2
SAN	1.13	112	iPd	40	20.50	-0.2
			i	40	35.60	
JACH	1.16	73	iPc	40	21.00	-0.2
BACH	1.23	105	iPd	40	22.40	0.2
CHCH	1.38	131	iPd	40	24.30	0.0
FCH	1.39	103	iPd	40	25.00	0.4
RTCB	3.05	60	ePd	40	49.80	1.8
			S	41	33.00	
ZON	3.11	62	eP	40	51.00	2.2X
RFA	3.35	122	ePd	40	52.80	0.6
			(S)	41	39.20	
RTLL	3.38	61	ePd	40	54.00	1.4
			S	41	40.00	
CFA	3.42	66	ePc	40	54.30	1.1
			S	41	38.20	
VCA	5.34	38	ePd	41	20.00	-0.3
			S	42	34.00	
CYA	6.97	51	e(P)	41	40.00	-3.1X
			S	43	08.00	
ANT	9.39	8	eP	42	32.00	15.6X
VBA	9.52	125	ePd	42	15.00	-3.3X
SLA	10.00	36	e(P)	42	21.00	-4.0X
TPZ	12.77	27	eP	43	14.00	11.5X
CCH	16.43	20	eP	43	54.00	4.0X
ARE	16.50	1	eP	43	56.00	5.0X
CNCB	16.54	13	P	43	51.50	-0.2
LPB	16.79	13	eP	43	49.00	-5.6X
Z 18s			0.34um			
			LR	50	38.00	
ZOBO	17.04	12	Pc	43	57.50	-0.4

0.9s 8.65nm 3.9mb
Z 18s 0.59um 5.5Msz
LR 49 14.00
VAO 24.13 72 eP 45 12.70 -0.7
e 45 42.70
ITA 26.25 73 eP 45 32.80 -0.9
BDF 27.77 57 iPc 45 46.20 -1.2
SOB1 37.15 57 e(P) 47 01.00 -8.0X
ITR 39.23 60 eP 47 24.20 -2.2
SPA 57.14 100 ePd 49 45.60 0.7
1.0s 10.00nm 4.8mb
KIC 74.68 72 iP 51 37.90 0.5
0.7s 25.00nm 5.3mb
BUL 87.62 112 iP 52 46.80 1.1
0.6s 3.33nm 4.7mb
MBC 113.01 349 ePKP 58 27.00 -6.1X
GBA 146.04 117 PKP 59 38.00 1.4
PSI 148.62 162 ePKPc 59 46.50 5.6X
HYB 149.22 113 ePKPc 59 46.00 5.1X
IPM 150.93 165 ePKPd 59 51.00 6.6X
S.D. = 1.0 on 24 of 38 obs.

DEC 30, 1985 18h 40m 16.67± 0.51s
50.233 N ± 5.0km 12.442 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.6 (FUR), 2.9 (GRF), 2.9 (KBA).

HOF 0.37 283 iPgd 40 24.20 -0.1
MOX 0.67 308 iPg 40 29.70 -0.3
iSg 40 38.50
GRF 0.96 236 ePg 40 35.30 0.4
eSg 40 47.70
WET 1.13 165 iPgc 40 37.90 0.1
CLL 1.14 18 iPg 40 38.10 0.2
iSg 40 52.70
BRG 1.15 56 iPg 40 38.30 0.1
iSg 40 53.20
KHC 1.33 146 iPg 40 40.70 -0.5
iSg 40 59.00
PRU 1.37 99 iPgc 40 42.00 0.2
Sg 41 00.00
FUR 2.21 201 iPgc 41 00.40 6.5X
KBA 3.21 169 i(Pg) 41 17.80 9.5X
i 41 58.10
iSg 42 01.30
S.D. = 0.3 on 8 of 10 obs.

DEC 30, 1985 18h 55m 08.74± 0.31s
62.114 N ± 4.8km 124.134 W ± 5.1km
DEPTH = 10.0km (geophysicist)
4.8mb (15 obs.)
NORTHWEST TERRITORIES, CANADA (67º)

FST1 1.40 102 Pg 55 35.00 0.8
YKA 4.46 81 eP 56 16.90 -1.0
RSNT 4.47 81 P 56 16.40 -1.6
YKC 4.53 81 eP 56 15.00 -3.8X
DWY 7.21 292 P 56 53.00 -3.7X
Lg 58 53.00
SIT 7.61 233 P 56 59.40 -2.8X
YAH 8.67 266 eP 57 15.10 -2.2X
TOA 10.31 280 eP 57 39.70 0.0
1.1s 87.50nm 6.1mb X
EDM 10.60 142 eP 57 38.50 -5.2X
COL 10.90 295 eP 57 44.00 -3.7X
1.2s 40.63nm 5.7mb X
FBA 10.90 295 eP 57 44.80 -2.9X
PHC 11.58 190 eP 57 58.00 1.1
PMR 11.79 279 P 57 57.80 -1.9
PMS 12.08 277 eP 58 02.50 -1.2
0.9s 20.80nm 5.4mb X
PWA 12.13 279 eP 58 04.50 0.3
PNT 13.07 167 eP 58 13.00 -4.0X
IMA 13.43 300 e(P) 58 21.90 0.2
FFC 13.71 113 eP 58 18.00 -7.3X
SES 13.78 142 eP 58 20.00 -6.3X
NEW 14.43 161 eP 58 32.00 -2.9X
LRM 17.66 152 eP 59 12.60 -3.8X
RSON 20.01 110 eP 59 38.80 -5.2X
0.8s 70.42nm 5.0mb
BDW 21.21 149 eP 59 56.00 -0.7
1.2s 31.88nm 4.6mb
WDC 21.59 177 eP 00 00.10 -0.2
MIN 21.85 175 ePd 00 03.50 0.4
BMN 22.11 166 eP 00 06.20 0.5

GAS 22.51 177 P 00 09.40 -0.2
ORV 22.64 175 eP 00 12.40 1.6
DUG 23.00 157 P 00 15.20 0.7
EUR 23.20 164 iP 00 18.80 2.2X
0.2s 8.37nm 4.9mb
LHC 23.77 109 eP 00 26.00 4.3X
MNA 23.99 168 ePd 00 28.10 4.0X
JAS1 24.32 173 eP 00 28.40 1.2
FRB 24.68 61 eP 00 30.30 -0.1
GLD 25.17 144 eP 00 36.00 0.4
GOL 25.18 144 eP 00 36.50 0.8
0.8s 4.46nm 4.2mb
ALE 25.30 16 eP 00 37.50 1.3
1.1s 23.00nm 4.8mb
ALQ 29.40 149 eP 01 13.70 -0.5
1.0s 6.25nm 4.4mb
TUL 31.65 133 eP 01 18.00 -15.9X
0.8s 5.00nm
Z 17s 1.45um 4.7MszX
BHO 33.35 133 eP 01 47.40 -1.3
JCT 35.38 142 eP 02 04.00 -2.3
LTX 35.43 148 eP 02 07.00 0.2
1.0s 3.60nm 4.2mb
NAV 36.35 113 P 02 32.50 18.0X
GFM 36.93 115 P 02 18.00 -1.5
SOD 49.08 14 eP 03 44.00 -13.3X
e 03 59.00
KJF 52.26 15 iP 04 22.20 0.7
0.8s 14.70nm 5.0mb
N82 52.54 26 P 04 21.80 -2.0
1.1s 7.00nm 4.5mb
SUF 53.48 17 eP 04 31.00 0.4
HFS 53.87 25 eP 04 32.10 -1.4
0.6s 2.20nm 4.4mb
NUR 55.39 18 eP 04 44.00 -0.6
MEM 60.85 34 P 05 23.30 0.3
CLL 61.92 29 eP 05 28.00 -2.3
MOX 62.22 30 e(P) 05 34.00 1.7
8RG 62.54 28 eP 05 33.90 -0.5
1.0s 14.00nm 5.1mb
SSF 63.40 37 eP 05 41.60 1.5
1.0s 12.00nm 5.0mb
PRU 63.50 28 eP 05 42.50 1.8
LSF 63.56 39 eP 05 42.50 1.3
AVF 63.60 37 eP 05 42.80 1.4
1.0s 12.00nm 5.0mb
BGF 63.67 38 eP 05 42.20 0.3
1.0s 12.00nm 5.0mb
TCF 63.73 39 eP 05 43.60 1.3
1.0s 10.00nm 5.0mb
SMF 63.87 37 eP 05 44.40 1.1
KHC 64.09 29 P 05 45.00 0.3
KRA 64.57 25 eP 05 47.40 -0.3
e 05 53.20
ATB 84.52 108 Pc 07 41.10 -1.8
SPA 151.95 180 ePKP 14 51.00 -6.1X
1.0s 1.50nm
S.D. = 1.2 on 45 of 65 obs.

DEC 30, 1985 20h 13m 20.34± 0.17s
63.592 N ± 2.7km 151.298 W ± 2.7km
DEPTH = 33.0km (normal)
5.1mb (28 obs.)
CENTRAL ALASKA (1)
ML 4.5 (PMR). Felt (III) at Denali National Park.

COL 2.02 48 iPc 13 52.60 -0.1
FBA 2.02 48 iPc 13 52.80 0.1
PWA 2.06 161 iPd 13 55.10 1.9
PME 2.23 151 iPd 13 55.10 -0.6
TTA 2.23 255 iPc 13 54.30 -1.5
PMR 2.24 152 iPd 13 55.00 -0.9
IMA 2.69 339 iPc 14 03.70 1.4
TOA 2.78 120 iPd 14 03.40 -0.2
SVW 3.21 221 e(P) 14 07.10 -2.5
MID 4.81 148 eP 14 33.10 0.9
DWY 5.28 80 P 14 37.00 -1.9
Lg 16 02.00
YAH 5.55 121 eP 14 41.80 -1.1
KDC 5.89 186 e(P) 14 46.50 -1.1
INK 8.64 49 eP 15 24.00 -1.9
MBC 16.41 27 eP 17 08.00 -1.2
0.7s 17.00nm 4.3mb
YKA 16.53 77 eP 17 10.20 -0.6
RSNT 16.54 77 eP 17 10.30 -0.7
1.0s 30.00nm 4.4mb

YKC 16.59 77 eP 17 08.00 -3.6X
ADK 17.77 241 P 17 28.20 1.9
EDM 22.87 100 eP 18 13.50 -0.2
PNT 22.28 115 eP 18 17.00 1.3
0.9s 35.00nm 4.8mb
pP 18 27.00 37kmX
NEW 24.13 113 eP 18 35.00 1.2
SES 25.09 103 ePd 18 43.70 0.7
FFC 26.15 87 eP 18 53.00 0.2
0.9s 20.00nm 4.7mb
ALE 27.40 17 eP 19 04.50 0.4
JAS1 31.68 129 eP 19 42.50 -0.1
0.9s 0.70nm 3.5mb X
BDW 31.68 111 iP 19 43.00 0.1
0.9s 9.40nm 4.7mb
EUR 31.92 122 iP 19 45.00 0.1
0.2s 8.09nm 5.3mb
RSON 32.46 86 iP 19 49.30 0.0
0.8s 19.72nm 5.1mb
FR8 34.29 52 eP 20 04.00 -0.9
SDW 35.84 128 eP 20 19.00 0.4
GOL 36.00 109 eP 20 20.50 0.4
1.1s 6.41nm 4.5mb
DAG 36.80 16 iPc 20 26.30 0.3
0.4s 13.56nm 5.2mb
GLA 38.04 126 eP 20 37.80 0.7
ALQ 39.60 115 eP 20 50.80 0.5
1.0s 6.75nm 4.4mb
SCH 41.05 61 eP 21 02.00 0.3
FVM 43.93 96 eP 21 25.20 -0.2
OTT 44.51 77 eP 21 34.00 4.1X
LTX 45.65 116 iP 21 40.00 0.7
0.8s 10.95nm 4.8mb
JCT 46.23 111 iP 21 44.00 0.2
0.9s 35.71nm 5.3mb
KEV 46.93 1 eP 21 50.00 1.2
NAV 48.78 88 eP 22 03.80 0.0
CN2 49.08 288 iPd 22 05.80 -0.1
i 22 53.00
SOD 49.32 1 iP 22 07.90 0.5
GFM 49.33 89 eP 22 08.30 0.1
MAT 49.42 272 eP 22 09.00 0.4
PRM 50.78 91 eP 22 18.80 -0.2
KJF 52.51 1 iP 22 32.00 0.3
0.6s 20.90nm 5.3mb
SUF 53.99 1 iP 22 42.10 -0.4
0.6s 12.50nm 5.1mb
NB2 54.99 10 P 22 49.30 -0.7
0.9s 6.30nm 4.6mb
HFS 56.07 9 eP 22 56.70 -1.1
0.9s 13.90nm 5.0mb
Z 17s 0.16um 4.2MszX
LR 51 56.00
BJI 56.08 292 eP 22 58.00 -0.1
NUR 56.18 2 iP 22 58.00 -0.5
0.6s 14.30nm 5.2mb
HHC 57.27 297 P 23 06.80 0.0
ELO 57.68 21 ePd 23 09.40 0.1
0.5s 17.00nm 5.4mb
EDU 57.72 20 eP 23 09.60 0.1
EAB 57.86 21 iPd 23 11.00 0.5
EBH 57.93 21 iPd 23 11.30 0.3
0.5s 27.00nm 5.6mb
BTD 58.10 298 eP 23 12.00 -0.6
EAU 58.33 21 iPd 23 14.40 0.6
EBL 58.46 20 ePd 23 15.20 0.4
0.7s 24.00nm 5.4mb
EKA 58.87 21 Pd 23 18.00 0.4
0.6s 17.40nm 5.4mb
TIY 59.59 294 eP 23 23.20 0.2
ETA 60.89 23 iPc 23 31.30 -0.1
0.7s 75.00nm 5.9mb
ECB 61.10 24 iPc 23 32.70 -0.2
1.3s 300.00nm 6.3mb X
ECP 61.35 24 iPc 23 34.10 -0.5
1.0s 200.00nm 6.2mb X
NJ2 61.75 285 Pc 23 37.00 -0.5
WMO 63.23 316 P 23 42.80 -4.5X
WTS 63.48 15 ePc 23 50.00 1.3
0.5s 8.00nm 5.1mb
XAN 64.20 295 P 23 52.80 -1.0
LZH 64.43 300 P 23 55.80 0.4
1.5s 93.00nm 5.7mb
CLL 64.78 11 eP 23 56.00 -1.2
WHN 64.98 288 Pc 23 58.80 0.1
DOU 65.08 17 P 23 59.90 0.7
8RG 65.29 10 eP 24 01.00 0.5

30d 20h

	1.4s	24.00nm			5.1mb	
FLN	65.65	21	eP	24	02.60	-0.2
LDF	65.87	21	eP	24	04.10	-0.2
PRU	66.22	10	eP	24	05.00	-1.4
LPF	66.27	21	eP	24	07.40	0.6
KHC	66.99	11	P	24	11.90	0.4
LOR	67.75	18	eP	24	16.40	0.1
	0.7s	12.10nm			5.1mb	
SSF	67.91	18	eP	24	17.30	0.1
	0.8s	16.10nm			5.2mb	
LBF	68.05	18	eP	24	18.00	-0.1
AVF	68.15	18	eP	24	18.50	-0.2
ZST	68.18	8	eP	24	18.60	-0.3
BGF	68.30	19	eP	24	19.90	0.2
LSF	68.41	20	eP	24	20.30	0.0
KBA	69.01	11	iPd	24	24.60	0.4
	1.0s	18.30nm			5.1mb	
		i		24	28.80	
CD2	69.02	297	eP	24	24.50	0.1
LFF	69.57	21	eP	24	27.60	0.2
CAF	69.78	20	eP	24	28.70	-0.1
GYA	71.77	293	P	24	41.40	0.2
TOL	73.63	26	eP	24	53.00	1.2
S.D. = 0.8 on 90 of 93 obs.						

DEC 30, 1985 20h 19m 28.96± 0.28s
7.424 N ± 6.9km 36.143 W ±10.3km
DEPTH = 10.0km (geophysicist)
4.7mb (6 obs.)
CENTRAL MID-ATLANTIC RIDGE (406)

CAI	13.89	184	eP	22	47.40	-0.9
ITR	16.24	188	eP	23	19.40	0.5
			i	23	21.40	
			i	23	23.40	
			i	23	26.10	
			e	26	06.00	
SOB1	17.19	196	eP	23	31.40	0.5
ATB	19.25	237	Pc	23	52.10	-4.4X
CCH	38.55	230	eP	26	56.00	1.8
ZOBO	39.45	233	Pd	27	01.50	-0.5
	1.0s	12.50nm			4.5mb	
		LR		38	00.00	
LPB	39.57	233	eP	27	02.00	-0.9
Z	24s	0.39um			4.2MszX	
		LR		38	50.00	
CNCB	39.64	232	P	27	03.00	-0.6
TPZ	40.82	225	iPd	27	14.10	1.1
EPF	47.78	36	eP	28	10.00	1.6
CAF	49.91	35	eP	28	27.30	2.4X
LPF	50.23	30	eP	28	27.30	0.2
GRC	51.90	33	iPd	28	40.60	0.8
LBF	52.21	34	eP	28	42.10	-0.2
LOR	52.31	34	eP	28	42.90	-0.1
	0.9s	8.80nm			4.7mb	
HAU	54.11	34	eP	28	56.20	-0.1
BSF	54.26	34	eP	28	57.50	0.0
DOU	54.40	31	P	28	57.40	-0.9
BNG	54.45	90	iPc	29	00.30	0.9
	0.6s	13.00nm			5.1mb	
		i		29	08.80	
WTS	56.66	30	eP	29	15.00	0.4
	1.0s	13.00nm			4.9mb	
KHC	58.81	36	P	29	30.00	0.1
PRU	59.76	35	eP	29	36.00	-0.4
ZST	60.50	38	iP	29	41.10	-0.4
FRB	60.83	344	eP	29	40.00	-3.5X
SRO	61.09	39	eP	29	45.00	-0.5
KSP	61.15	35	eP	29	45.50	-0.3
MLR	65.30	43	ePd	30	14.00	0.4
VRI	65.93	43	eP	30	17.00	-0.4
SUF	70.95	26	eP	30	44.00	-4.3X
KJF	72.14	24	eP	30	55.00	-0.4
BDW	72.83	312	e(P)	30	52.00	-8.3X
	1.0s	2.40nm			4.2mb	
YKA	78.12	332	eP	31	32.10	2.5X
BMN	78.44	310	eP	31	32.00	-0.1
TAB	79.55	53	eP	31	48.00	9.9X
SPA	97.37	180	eP	33	02.00	-1.7
	0.8s	1.67nm			4.7mb	
SPA	97.37	180	iPc	33	14.60	10.9X
	0.8s	13.75nm				
TRT	149.05	93	ePKPc	39	05.50	-10.3X
S.D. = 0.8 on 28 of 37 obs.						

• DEC 30, 1985 20h 37m 30.02± 0.47s
5.573 S ±13.2km 104.092 E ±13.0km
DEPTH = 33.0km (normal)
4.6mb (3 obs.)
SOUTHERN SUMATERA (274)

PPI	6.28	324	eP	39	00.00	-2.8
			e(S)	40	23.00	
KGM	7.58	354	ePd	39	26.70	5.7X
			e	41	30.60	
PSI	9.70	328	ePc	39	51.70	1.3
IPM	10.54	343	ePc	40	07.90	5.9X
			e	43	27.10	
NNT	18.56	347	eP	41	46.90	0.6
CHG	24.76	348	eP	42	51.00	0.8
GBA	32.61	306	P	44	02.00	1.0
WRA	32.69	119	Pd	44	00.90	-0.9
	0.7s	1.70nm			4.1mb	
WB2	32.70	119	eP	44	00.30	-1.6
ASPA	33.86	125	eP	44	12.00	0.0
HYB	34.03	313	eP	44	13.40	0.0
PKI	37.57	332	eP	44	42.90	-0.8
	0.4s	4.00nm			4.6mb	
DMN	37.74	332	eP	44	49.80	4.8X
KKN	37.82	332	eP	44	45.00	-0.6
	0.4s	14.00nm			5.2mb X	
POO	38.25	309	eP	44	51.00	1.9
NDI	42.78	324	iPc	45	25.40	-0.9
	0.5s	21.13nm			5.1mb	
			eS	51	47.00	
CTA	43.42	113	eP	45	33.00	1.3
BRS	51.06	121	iP	46	33.10	1.5
KRI	73.57	254	eP	49	02.00	-0.4
BUL	74.48	251	iP	49	06.80	-0.9
PRNI	75.02	303	iP	49	11.20	0.7
HRI	75.23	306	e(P)	49	12.50	0.8
JER	75.24	305	eP	49	13.00	1.2
KJF	89.09	335	eP	50	22.00	-1.0
SUF	89.42	333	eP	50	24.00	-0.5
LTX	144.70	45	ePKP	57	05.20	-0.7
	1.0s	4.00nm				
TUL	144.70	29	ePKP	57	03.90	-1.6
	1.4s	36.00nm				
RLO	144.85	27	ePKP	57	04.80	-1.0
BHO	146.39	29	ePKP	57	09.30	0.9
JCT	146.54	39	ePKP	57	10.70	1.9
	1.0s	19.00nm				
S.D. = 1.2 on 27 of 30 obs.						

DEC 30, 1985 21h 49m 52.79± 0.47s
50.229 N ± 4.7km 12.427 E ± 4.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.4 (FUR), 3.5 (GRF), 3.4 (KBA), 3.7 (VKA). Felt (IV) at Selb and Rehau.

HOF	0.36	284	iPg	50	00.20	-0.1
MOX	0.67	309	iPg	50	05.80	-0.2
			iSg	50	15.00	
GRF	0.95	236	iPg	50	11.30	0.5
			eSg	50	24.30	
WET	1.12	165	iPgd	50	13.90	0.0
CLL	1.14	18	iPg	50	13.90	-0.3
			iSg	50	28.70	
BRG	1.16	56	iPgc	50	14.10	-0.4
			iSg	50	29.10	
KHC	1.33	145	iPg	50	17.00	-0.3
			iSg	50	36.00	
PRU	1.38	99	ePn	50	17.60	-0.5
			iPg	50	18.10	
			e	50	20.30	
			Sg	50	36.50	
FUR	2.20	201	ePn	50	33.60	3.7X
			iPg	50	36.70	
BHG	2.53	173	iPgc	50	43.90	9.3X
KSP	2.54	75	ePn	50	36.50	1.8
			iPg	50	39.50	
			iS	51	12.00	
TNS	2.55	271	ePb	50	42.70	7.7X
			eSg	51	12.90	
STU	2.56	237	e(Pg)	50	40.50	5.5X
	0.5s	28.17nm				
KBA	3.21	169	iPnc	50	44.40	0.0
			i	51	24.80	
			i	51	35.50	
			iSg	51	36.70	
VKA	3.22	126	ePn	50	44.00	-0.4
			iPg	50	53.60	
			iSg	51	36.70	
SLE	3.58	228	ePd	51	00.30	10.9X
SAX	3.61	216	ePd	51	00.70	10.5X
ZST	3.68	122	eP	51	45.20	54.3X
			i	51	48.60	
CDF	3.83	244	Pg	51	04.00	10.9X
			Sg	51	53.80	
ZUL	3.83	226	ePc	51	05.80	12.7X
LLS	4.06	215	ePc	51	10.50	14.0X
WLF	4.09	264	Pn	51	11.80	15.2X
			e	52	04.00	
BSF	4.42	239	Pg	51	16.00	14.6X
			Sg	52	11.70	
HAU	4.57	243	Pg	51	18.40	14.9X
			Sg	52	17.80	
TMA	4.76	211	ePc	51	24.40	18.0X
DOU	5.04	271	Pn	51	27.00	16.9X
			e	52	31.80	
SMF	6.74	241	Pg	51	58.50	24.3X
S.D. = 0.7 on 11 of 27 obs.						

DEC 31, 1985 00h 24m 12.58± 0.59s
50.235 N ± 5.5km 12.441 E ± 5.2km
DEPTH = 10.1 ± 7.3 km
GERMANY (543)
ML 2.9 (GRF), 2.7 (FUR).

HOF	0.37	283	iPgd	24	20.00	-0.2
MOX	0.67	308	iPg	24	25.80	-0.1
			iSg	24	34.50	
GRF	0.96	236	ePg	24	31.20	0.4
			eSg	24	44.70	
WET	1.13	165	iPgd	24	33.60	-0.1
CLL	1.13	18	iPg	24	33.90	0.1
			iSg	24	48.80	
BRG	1.15	56	iPg	24	34.10	0.0
			iSg	24	49.10	
KHC	1.33	146	iPg	24	36.90	-0.2
			iSg	24	56.20	
PRU	1.37	100	Pg	24	38.00	0.2
			e	24	40.00	
			e	24	51.50	
			Sg	24	56.00	
FUR	2.21	201	iPgc	24	56.50	6.7X
S.D. = 0.3 on 8 of 9 obs.						

DEC 31, 1985 01h 00m 26.28± 0.59s
50.237 N ± 5.5km 12.440 E ± 5.2km
DEPTH = 10.1 ± 7.3 km
GERMANY (543)
ML 2.9 (GRF), 2.7 (FUR), 3.3 (VKA).

HOF	0.37	282	iPgd	00	33.70	-0.2
MOX	0.67	308	iPg	00	39.50	-0.1
			iSg	00	48.50	
GRF	0.96	236	ePg	00	44.90	0.4
			eSg	00	58.20	
WET	1.13	165	ePg	00	47.40	-0.1
CLL	1.13	18	iPg	00	47.50	0.0
			iSg	01	02.50	
BRG	1.15	56	iPg	00	47.80	0.0
			iSg	01	02.90	
KHC	1.33	146	iPg	00	50.50	-0.3
			iSg	01	09.80	
PRU	1.38	100	iPgc	00	51.80	0.3
			Sg	01	09.50	
FUR	2.21	201	ePg	01	10.10	6.6X
VKA	3.22	126	eP	02	06.00	48.2X
			i(Sg)	02	10.20	
S.D. = 0.3 on 8 of 10 obs.						

DEC 31, 1985 01h 05m 37.04± 0.66s
50.238 N ± 6.4km 12.447 E ± 6.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.3 (GRF).

MOX	0.67	308	ePg	05	50.00	-0.4
			eSg	05	59.50	
GRF	0.96	236	ePg	05	55.70	0.3
			eSg	06	09.80	
CLL	1.13	18	iPg	05	58.40	0.2
			iSg	06	13.50	
BRG	1.15	56	iPg	05	58.50	0.0
			iSg	06	13.90	
KHC	1.33	146	ePg	06	01.30	-0.3

			eSg	06 20.10		
PRU	1.37	100	Pg	06 02.30	0.1	
			Sg	06 20.20		
S.D. = 0.4			on	6 of	6 obs.	

DEC 31, 1985 01h 21m 01.01± 0.46s
50.238 N ± 4.4km 12.442 E ± 4.3km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.0 (FUR), 3.1 (GRF), 3.0 (KBA).

HOF	0.37	282	iPgd	21 08.50	-0.1	
MOX	0.67	308	iPg	21 14.00	-0.3	
			iSg	21 23.00		
GRF	0.96	236	iPgc	21 19.60	0.3	
			eSg	21 33.20		
WET	1.13	165	ePg	21 22.30	0.1	
CLL	1.13	18	iPg	21 22.50	0.3	
			iSg	21 37.40		
BRG	1.15	56	iPg	21 22.40	-0.1	
			iSg	21 37.40		
KHC	1.33	146	iPg	21 25.20	-0.4	
			iSg	21 44.50		
PRU	1.37	100	Pg	21 26.30	0.1	
			Sg	21 44.70		
FUR	2.21	201	iPgc	21 45.00	6.7X	
KBA	3.22	169	iPnd	21 52.80	0.1	
			i	22 44.00		
			iSg	22 45.20		
S.D. = 0.3			on	9 of	10 obs.	

DEC 31, 1985 01h 23m 42.99± 0.46s
50.229 N ± 4.6km 12.425 E ± 4.3km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.5 (FUR), 3.5 (GRF), 3.6 (KBA), 3.8 (VKA).

HOF	0.36	284	iPgd	23 50.30	-0.1	
MOX	0.66	309	iPg	23 56.00	-0.2	
			iSg	24 05.00		
GRF	0.94	236	iPgc	24 01.50	0.5	
			eSg	24 15.10		
WET	1.12	165	iPgd	24 04.30	0.2	
CLL	1.14	19	iPg	24 04.10	-0.3	
			iSg	24 19.20		
BRG	1.17	56	iPgc	24 04.50	-0.3	
			iSg	24 19.30		
KHC	1.33	145	iPg	24 07.00	-0.6	
			iSg	24 25.50		
PRU	1.38	99	iPg	24 08.00	-0.3	
			e	24 10.20		
			Sg	24 26.50		
FUR	2.20	200	iPgc	24 26.90	6.8X	
BHG	2.53	173	iPgc	24 34.10	9.3X	
KSP	2.54	75	ePn	24 26.50	1.5	
			iPg	24 30.00		
			iS	25 01.50		
TNS	2.55	271	ePb	24 33.00	7.8X	
			eSg	25 02.80		
STU	2.56	237	e(Pg)c	24 30.00	4 8X	
0.5s		35.21nm				
KBA	3.21	169	iPnc	24 34.70	0 1	
			iPg	24 43.90		
			i	25 25.60		
			iSg	25 26.70		
VKA	3.22	126	ePn	24 34.00	-0.6	
			iPg	24 44.00		
			iSg	25 26.80		
GWF	3.37	250	ePg	24 47.60	10.9X	
			eSn	25 30.00		
			eSg	25 35.20		
CDF	3.83	244	Pg	24 54.80	11.5X	
			Sg	25 43.40		
WTS	3.96	299	eP	25 36.00	51.0X	
			e	25 45.00		
WLF	4.09	264	Pg	25 02.80	16.0X	
BSF	4.41	239	Pg	25 06.30	14.7X	
			Sg	26 01.70		
HAU	4.57	243	Pg	25 08.80	15.1X	
			Sg	26 08.30		
DOU	5.04	271	Pg	25 14.90	14.6X	
SMF	6.74	241	Pg	25 48.90	24.5X	
S.D. = 0.7			on	11 of	23 obs.	

• DEC 31, 1985 01h 51m 14.07± 0.92s
50.245 N ± 9.9km 12.378 E ± 7.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.63	310	ePg	51 26.50	-0.3	
			eSg	51 35.50		
GRF	0.93	234	ePg	51 32.20	0.4	
			eSg	51 46.30		
CLL	1.14	20	iPg	51 35.00	-0.3	
			eSg	51 50.00		
BRG	1.18	57	ePg	51 37.20	1.1	
			eSg	51 50.00		
PRU	1.42	100	ePg	51 39.00	-0.9	
			eSg	51 57.00		
S.D. = 1.1			on	5 of	5 obs.	

DEC 31, 1985 02h 05m 02.25± 0.64s
59.780 N ± 5.4km 152.313 W ± 4.5km
DEPTH = 38.3 ± 6.3 km
4.6mb (6 obs.)
SOUTHERN ALASKA (2)
ML 4.4 (PMR). Felt (IV) at Homer and (III) at Anchor Point.

ILM	0.48	328	iP	05 12.10	-0.5	
NNL	0.58	62	iP	05 13.55	-0.4	
BRLK	0.72	91	iP	05 13.89	-2.2	
RDT	0.80	357	iP	05 17.01	-0.2	
NKA	1.11	29	iP	05 23.48	2.0	
			iS	05 41.95		
SLKM	1.28	54	iP	05 23.07	-0.9	
			iS	05 42.16		
SPU	1.41	5	iP	05 26.67	0.8	
SEW	1.48	76	eP	05 26.03	-0.7	
CRP	1.49	3	iP	05 28.23	1.1	
			iS	05 48.70		
MPA	1.64	63	eP	05 28.93	-0.1	
SUA	1.86	24	iP	05 32.95	0.6	
PTE	1.97	55	eP	05 34.20	0.4	
PMS	2.00	42	iPd	05 34.30	-0.1	
KDC	2.04	183	ePc	05 34.40	-0.4	
			id	05 34.80		
SVW	2.11	311	iPc	05 36.30	0.3	
PWA	2.23	31	iP	05 39.00	1.5	
SKT	2.24	10	iP	05 38.86	1.1	
PWL	2.26	60	iP	05 38.26	0.3	
KNIM	2.37	74	eP	05 38.57	-0.9	
PLRM	2.40	39	iP	05 41.20	1.3	
PMR	2.40	39	iPd	05 41.30	1.4	
LOU	2.44	72	iP	05 39.56	-0.9	
PME	2.46	40	iP	05 42.19	1.4	
KNK	2.51	48	iP	05 42.37	0.8	
CFI	2.65	56	iP	05 43.82	0.3	
SML	2.82	42	iP	05 46.81	0.8	
GLI	2.82	65	eP	05 44.77	-1.2	
HIN	2.98	75	eP	05 47.15	-1.0	
MID	3.06	94	eP	05 51.60	2.4X	
FID	3.07	69	iP	05 47.70	-1.7	
			iS	06 23.31		
VZW	3.13	63	iP	05 49.73	-0.6	
SCM	3.20	48	eP	05 52.21	0.9	
VLZ	3.26	63	eP	05 51.63	-0.4	
KLU	3.59	59	iP	05 56.55	-0.4	
SGAM	3.63	75	eP	05 55.95	-1.4	
TTA	3.63	332	ePc	05 58.30	0.8	
TOA	3.80	49	iPd	06 00.60	0.8	
YAH	5.33	79	eP	06 21.50	-0.1	
COL	5.55	20	iP	06 24.60	0.1	
FBA	5.55	20	iPd	06 25.30	0.8	
SDN	6.26	228	eP	06 35.30	0.8	
IMA	6.34	355	eP	06 35.70	-0.2	
BRW	11.71	353	eP	07 48.60	-1.0	
INK	11.81	36	eP	07 48.00	-2.9	
YKA	18.23	65	eP	09 13.00	-0.6	
RSNT	18.24	65	eP	09 12.90	-0.8	
YKC	18.29	65	eP	09 13.00	-1.4	
MBC	20.09	22	eP	09 33.00	-1.8	
PNT	21.43	105	eP	09 57.00	8.2X	
	0.8s	13.00nm			4.4mb	
EDM	22.22	90	eP	09 59.00	2.4	
NEW	23.36	104	eP	10 10.00	2.2	
			e	10 17.00		
SES	25.02	94	eP	10 26.00	2.2	
GAS	27.39	124	eP	10 48.00	2.1	
			e	10 55.00		
BDW	30.99	104	e(P)	11 20.00	1.8	
	0.9s	2.73nm			4.0mb	
			e	11 26.00		
RSON	33.46	79	eP	11 38.30	-1.1	
			e	11 46.70		
SDW	34.06	122	eP	11 52.50	7.7X	
FRB	37.15	47	eP	12 11.00	0.5	
ALQ	38.62	109	e(P)	12 23.00	-0 5	
DAG	40.61	15	eP	12 40.00	0.8	
TUL	43.09	98	eP	13 07.90	7.9X	
	1.4s	17.10nm			4.6mb	
RLO	43.28	97	eP	13 09.00	7.5X	
LTX	44.58	111	eP	13 13.30	1.1	
			e	13 20.50		
JCT	45.48	106	eP	13 20.50	1.2	
	0.9s	27.31nm			5.2mb	
CN2	49.88	290	iPd	13 52.30	-1.1	
SOD	53.15	1	iP	14 16.40	-1.4	
			i	14 26.00		
SUF	57.82	1	iP	14 50.20	-1.3	
	0.6s	2.20nm			4.4mb	
NUR	60.02	2	iP	15 10.00	3.2X	
	0.6s	9.10nm			5.1mb	
GTA	64.84	305	Pd	15 38.30	-1.0	
XAN	65.38	295	eP	15 40.00	-2.7	
SLR	145.97	359	iPKPc	24 38.50	0.2	
1.0s		20.00nm				
S.D. = 1.3			on	64 of	70 obs.	

• DEC 31, 1985 02h 08m 07.61± 0.96s
50.231 N ± 8.0km 12.439 E ± 8.6km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MDX	0.67	309	ePg	08 21.00	0.1	
			eSg	08 30.50		
CLL	1.14	18	iPg	08 28.80	-0.1	
			eSg	08 44.00		
BRG	1.16	56	iPg	08 29.20	0.0	
			iSg	08 45.00		
KHC	1.33	146	ePg	08 32.00	-0.1	
			eSg	08 50.60		
PRU	1.38	99	ePg	08 33.00	0.2	
			Sg	08 52.00		
S.D. = 0.2			on	5 of	5 obs.	

DEC 31, 1985 02h 45m 27.01± 0.34s
31.944 N ± 4.1km 141.549 E ± 7.8km
DEPTH = 33.0km (normal)
4.8mb (6 obs.)
SOUTH OF HONSHU, JAPAN (211)

OYM	3.96	332	eP	46 26.80	-0.3	
SRY	4.12	333	eP	46 29.30	0.1	
TSK	4.42	345	eP	46 33.30	-0.2	
DDR	4.49	335	eP	46 34.10	-0.5	
MAT	5.36	330	eP	46 47.00	0.3	
			eS	47 47.00		
BJI	22.01	299	eP	50 20.00	0.0	
PKI	48.48	280	eP	54 09.10	0.1	
	0.6s	7.00nm			4.9mb	
KKN	48.51	280	eP	54 09.50	0.4	
	0.7s	22.00nm			5.3mb	
DMN	48.72	280	eP	54 11.10	0.3	
	0.5s	5.00nm			4.8mb	
WB2	52.05	189	eP	54 35.20	-0.6	
WRA	52.05	189	Pc	54 35.20	-0.6	
	0.5s	7.60nm			4.9mb	
COL	53.39	30	eP	54 46.00	0.7	
ASPA	55.78	188	eP	55 03.00	-0.1	
MBC	61.38	16	eP	55 41.00	-0.6	
KLB	67.08	202	eP	56 19.50	0.3	
NWAO	68.48	202	eP	56 28.50	0.5	
SOD	69.70	338	eP	56 35.00	-0.1	
KJF	71.15	335	eP	56 56.00	12.1X	
SUF	72.59	334	iP	56 52.50	0.0	
	0.6s	2.50nm			4.4mb	
LRM	77.73	43	eP	57 22.80	0.3	
NB2	78.92	338	P	57 28.50	0.1	
	0.8s	5.10nm			4.6mb	
ALQ	87.79	50	e(P)	58 09.00	-5.4X	
ZOBO	148.88	67	(PKP)	05 26.00	15.9X	
LPB	149.05	67	PKPc	05 19.30	9.2X	
1.0s		20.00nm				
CNCB	149.30	68	PKP	05 14.80	4.1X	
S.D. = 0.4			on	20 of	25 obs.	

% DEC 31, 1985 04h 30m 50.84± 1.05s
40.596 N ± 9.6km 30.008 E ± 9.1km

31d 04h

DEPTH = 10.0km (geophysicist)
TURKEY (366)

HRT	0.34	311	iPg	30 57.40	-0.6
			iSg	31 02.40	
GPA	0.38	143	iPg	30 58.50	-0.2
			iSg	31 03.50	
YLV	0.49	267	iPg	30 59.90	-0.8
			iSg	31 07.40	
ISK	0.86	303	iPg	31 07.40	0.0
			iSg	31 18.90	
KCT	1.31	255	iPn	31 15.40	0.4
EDC	1.66	262	iPn	31 20.60	0.6
DMK	2.09	307	ePn	31 27.00	0.6

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

DEC 31, 1985 04h 39m 32.78± 0.66s
50.237 N ± 6.3km 12.452 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.67	308	ePg	39 46.00	-0.2
			iSg	39 55.00	
GRF	0.96	236	ePg	39 51.30	0.2
			eSg	40 04.80	
CLL	1.13	18	iPg	39 54.00	0.1
			iSg	40 08.90	
BRG	1.15	56	iPg	39 54.10	-0.1
			iSg	40 09.20	
KHC	1.33	146	ePg	39 57.00	-0.3
			Sg	40 14.50	
PRU	1.37	100	Pg	39 58.20	0.3
			Sg	40 16.00	

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

% DEC 31, 1985 04h 39m 49.52± 1.11s
40.585 N ±10.2km 30.012 E ± 9.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

HRT	0.35	312	iPg	39 56.40	-0.4
			iSg	40 01.40	
GPA	0.37	142	iPg	39 57.00	-0.2
			iSg	40 02.50	
YLV	0.49	268	ePg	39 58.90	-0.5
ISK	0.87	304	iPg	40 05.50	-0.7
			iSg	40 17.40	
KCT	1.31	256	ePn	40 14.40	0.7
EDC	1.66	262	ePn	40 18.60	-0.1
DMK	2.10	307	iPn	40 26.50	1.3

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

% DEC 31, 1985 04h 51m 47.39± 1.06s
40.591 N ± 9.3km 30.018 E ± 8.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

HRT	0.35	311	iPg	51 54.40	-0.3
			iSg	51 59.40	
GPA	0.37	143	iPg	51 55.00	-0.1
			iSg	52 01.00	
YLV	0.49	267	iPg	51 57.40	0.0
ISK	0.87	303	iPg	52 03.40	-0.7
			iSg	52 15.40	
KCT	1.31	255	iPn	52 12.40	0.7
EDC	1.66	262	iPn	52 16.60	-0.1
DMK	2.10	307	iPn	52 24.10	1.0
EZN	2.93	256	ePn	52 34.00	-0.8

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

% DEC 31, 1985 04h 53m 50.02± 1.21s
40.587 N ±11.3km 30.012 E ±10.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

HRT	0.35	312	iPg	53 56.40	-0.9
			iSg	54 01.40	
GPA	0.37	143	iPg	53 57.50	-0.2
			iSg	54 03.00	
YLV	0.49	268	iPg	53 59.40	-0.5
			iSg	54 05.40	
KCT	1.31	256	ePn	54 14.40	0.2
EDC	1.66	262	iPn	54 19.60	0.4
DMK	2.10	307	iPn	54 26.80	1.1

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

% DEC 31, 1985 05h 16m 50.25± 1.00s
40.576 N ± 9.6km 29.973 E ± 8.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

HRT	0.34	317	iPg	16 56.40	-0.9
			iSg	17 01.40	
GPA	0.38	138	iPg	16 58.00	-0.2
			iSg	17 03.00	
YLV	0.46	269	iPg	16 59.40	-0.2
			iSg	17 06.40	
ISK	0.85	306	iPg	17 06.40	-0.2
			iSg	17 18.00	
KCT	1.28	256	iPn	17 13.90	-0.1
EDC	1.63	263	iPn	17 19.10	0.1
DMK	2.08	307	iPn	17 27.00	1.3

S.D. = 0.8 on 7 of 7 obs.

? DEC 31, 1985 05h 46m 55.66± 7.03s
52.167 N ±45.8km 17.579 E ±39.1km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.7 (VKA), 3.6 (KBA).

KRA	2.59	144	eP	48 05.70	27.5X
			eS	48 42.90	
BRG	2.61	242	iPgd	47 39.10	0.5
			iSg	47 59.20	
PRU	2.90	222	Pn	47 42.50	-0.2
			Pg	47 44.50	
			Sn	48 01.20	
			eSg	48 10.50	
CLL	2.97	255	ePn	47 44.00	0.3
			i	47 51.50	
			iSg	48 12.70	
KHC	3.96	222	iPn	47 57.80	0.0
			Pg	48 05.00	
			Sn	48 22.60	
			Sg	48 43.00	
ZST	3.99	185	iP	47 57.90	-0.2
VKA	3.99	192	iPgc	48 12.30	14.1X
			i	48 47.10	
			iSg	48 55.70	
MOX	4.03	250	ePg	48 07.00	8.3X
			iSg	48 44.00	
HOF	4.03	245	iPnc	47 58.10	-0.7
WET	4.25	226	ePn	48 01.50	-0.4
KBA	5.79	210	iPnd	48 24.60	0.8
			i	49 45.20	
			i	49 47.80	

S.D. = 0.6 on 8 of 11 obs.

DEC 31, 1985 06h 57m 17.60± 0.22s
73.360 N ± 3.5km 6.767 E ± 5.3km
DEPTH = 10.0km (geophysicist)
4.8mb (24 obs.) 5.0Msz (5 obs.)
GREENLAND SEA (640)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 24C
Centroid Location:
Origin Time 06:57:23.8 0.7
Lat 73.02N 0.11 Lon 4.63E 0.37
Dep 10.0 FIX Half-duration 1.5
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.36 0.06 Mtt= 0.10 0.08
Mff= 0.26 0.05 Mrt=-0.83 0.20
Mrf=-1.07 0.20 Mtf= 0.43 0.07
Principal Axes:

	Val=	Plg=	Azm=
T	1.58	35	129
N	-0.26	1	38
P	-1.31	55	307

Best Double Couple:Mo=1.4*10**24
NP1:Strike=223 Dip=10 Slip= -85
NP2: 38 80 -91

HSP	4.31	27	iP	58 23.60	-0.9
TRO	5.38	128	iP+	58 36.40	-3.3X
			i$	59 31.00	
KBS	5.72	10	iP	58 44.20	-0.3
KEV	7.34	109	eP	59 03.00	-4.3X
Z	18s	9.60um			
			i	00 20.90	
			LR	01 40.00	
DAG	7.38	309	iPc	59 02.70	-5.1X
	1.2s	59.38nm			5.6mb X
			i	07 33.00	
SOD	8.94	122	iP	59 25.80	-3.8X
			i	01 16.00	
KJF	11.82	130	iP	00 02.00	-7.0X
SUF	12.81	136	iP	00 16.20	-6.0X
NUR	14.57	143	iP	00 40.30	-5.1X
	0.8s	29.40nm			4.9mb
Z	20s	3.10um			
ALE	15.68	333	ePd	00 57.20	-2.5X
	1.0s	50.00nm			4.7mb
WTS	21.45	180	eP	02 07.00	-0.6
	1.1s	33.00nm			4.6mb
CLL	22.29	170	iPd	02 16.20	0.1
	2.4s	210.00nm			5.2mb
			eS	06 18.00	
UCC	22.67	184	P	02 26.00	6.2X
ENN	22.68	181	ePc	02 19.50	-0.4
	0.9s	43.00nm			4.9mb
BRG	22.78	168	eP	02 20.40	-0.5
			e	02 31.00	
			eS	06 30.00	
MEM	22.84	181	Pc	02 20.90	-0.5
MOX	22.89	172	eP	02 22.00	0.0
			eS	06 32.00	
SNF	22.96	184	P	02 25.20	2.6X
HOF	23.24	172	iPc	02 25.10	-0.3
	1.0s	35.00nm			4.9mb
DOU	23.37	184	P	02 28.90	2.3X
	0.9s	30.00nm			4.8mb
PRU	23.70	167	eP	02 29.70	-0.1
Z	17s	2.60um			4.8MszX
N	17s	1.70um			
E	17s	1.00um			
WLF	23.78	181	P	02 34.20	3.6X
GRF	23.83	173	eP	02 32.00	0.9
	1.2s	42.00nm			4.9mb
Z	16s	1.30um			4.5MszX
KRA	24.08	159	eP	02 33.10	-0.4
Z	20s	3.80um			4.9Msz
N	20s	3.10um			
E	20s	2.60um			
			e	02 35.40	
			e	02 40.10	
			eS	06 42.10	
WET	24.45	170	eP	02 39.20	2.0
KHC	24.50	169	Pd	02 39.00	1.3
Z	18s	2.90um			4.8Msz
SPC	24.97	159	eP	02 42.80	0.4
FUR	25.36	173	eP	02 46.90	1.0
HAU	25.44	181	eP	02 45.80	-0.8
BSF	25.61	180	eP	02 48.60	0.2
LPF	25.65	192	P	02 47.60	-0.9
ZST	25.67	164	eP	02 47.80	-0.9
BHG	25.87	171	eP	02 52.30	1.7
SRO	26.15	162	eP	02 54.70	1.5
PSZ	26.19	160	eP	02 53.00	-0.7
GRC	26.20	186	iPd	02 52.10	-1.6
LOR	26.21	184	eP	02 54.00	0.2
	1.0s	24.00nm			4.8mb
LBF	26.49	184	eP	02 56.80	0.4
	1.0s	20.00nm			4.8mb
KBA	26.53	170	eP	03 01.50	4.5X
AVF	26.70	185	eP	02 58.60	0.4
BGF	26.95	186	eP	02 58.90	-1.6
	0.9s	16.30nm			4.7mb
FRB	27.11	289	eP	03 03.00	1.2
TCF	27.24	187	eP	03 00.40	-2.8X
MBC	27.24	335	eP	03 04.00	1.1
LSF	27.30	188	eP	03 00.60	-3.2X
EPF	30.57	189	eP	03 26.00	-7.1X
SKO	32.23	159	e(P)	03 48.00	0.3
INK	36.24	336	eP	04 22.00	0.1
YKC	38.87	321	eP	04 44.00	0.0
	1.0s	13.00nm			4.6mb
YKA	38.88	321	eP	04 45.20	1.1
RSNT	38.89	321	eP	04 44.50	0.4
	1.0s	33.00nm			5.0mb
COL	40.96	344	eP	05 03.00	1.7
	1.0s	13.00nm			4.6mb
FFC	43.42	307	iPd	05 22.00	0.5
	1.1s	23.00nm			4.9mb
JER	44.15	144	eP	05 29.50	1.8
RSON	44.97	298	eP	05 35.30	1.3
	1.0s	15.00nm			4.9mb
PRNI	45.51	145	eP	05 37.50	-1.1
WMQ	46.08	83	P	05 43.30	0.3
KSH	46.75	96	eP	05 50.00	1.6
EDM	47.30	315	ePc	05 52.40	-0.1
SES	49.48	312	eP	06 08.00	-1.4

PNT	52.25	318	eP	06	32.00	1.5
NEW	52.77	316	eP	06	34.00	-0.4
GTA	53.58	74	P	06	42.20	1.6
CN2	55.92	50	eP	06	56.00	-1.5
FVM	56.06	289	eP	06	57.20	-1.3
	1.0s	11.00nm			4.8mb	
BDW	56.37	308	eP	07	00.50	-0.5
	1.0s	8.00nm			4.7mb	
NDI	57.18	100	eP	07	06.00	-0.7
BJI	57.31	59	eP	07	08.00	0.6
LZH	57.81	72	eP	07	12.00	0.8
GOL	58.30	303	eP	07	13.50	-1.2
	1.0s	9.00nm			4.8mb	
Z	18s	0.87um			4.9Msz	
TIY	58.56	64	eP	07	15.80	-0.5
BMN	60.29	313	eP	07	31.00	2.7X
KKN	60.33	92	eP	07	28.70	-0.1
	0.7s	13.00nm			5.2mb	
DMN	60.45	93	eP	07	30.40	0.7
PKI	60.58	92	eP	07	30.20	-0.4
XAN	61.11	68	eP	07	31.80	-2.0
CD2	62.66	74	eP	07	42.90	-1.3
ALO	63.09	302	eP	07	45.50	-1.7
	1.2s	8.98nm			4.8mb	
JCT	65.65	295	eP	08	03.00	-0.7
	1.0s	8.00nm			4.9mb	
Z	20s	2.31um			5.4Msz	
GYA	67.67	73	P	08	17.40	0.7
LTX	67.74	298	eP	08	18.00	0.9
	1.0s	2.40nm			4.3mb	
Z	20s	1.22um			5.1Msz	
BNG	69.22	167	ePc	08	24.10	-2.1
	0.7s	13.00nm			5.2mb	
		i		08	27.00	
		i		08	32.80	
CHG	72.75	82	eP	08	47.00	-0.5
KRP	144.06	15	PKP	16	51.10	+2.7X
	S.D. = 1.1	on	66 of	84	obs.	

• DEC 31, 1985 07h 05m 38.13± 0.98s
50.214 N ± 8.1km 12.422 E ± 8.7km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.67	310	ePg	05	51.50	0 0
			iSg	06	01.00	
CLL	1.16	18	iPg	05	59.80	0 0
			iSg	06	14.70	
BRG	1.18	55	iPg	06	00.00	-0 1
			iSg	06	15.00	
KHC	1.32	145	Pg	06	02.50	0.6
			Sg	06	20.00	
PRU	1.38	99	ePg	06	03.50	0 1
			Sg	06	21.20	
	S.D. = 0.1	on	5 of	5	obs.	

• DEC 31, 1985 07h 06m 18.47± 0.95s
50.251 N ± 8.0km 12.428 E ± 8.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.65	308	ePg	06	31.50	0.6
			iSg	06	40.50	
CLL	1.12	19	iPg	06	39.50	0 0
			iSg	06	54.70	
BRG	1.15	57	iPg	06	40.00	0 0
			iSg	06	54.50	
KHC	1.35	146	ePg	06	43.30	0.0
			eSg	07	00.00	
PRU	1.39	100	ePg	06	43.80	0.0
			Sg	07	01.20	
	S.D. = 0.0	on	5 of	5	obs.	

DEC 31, 1985 07h 10m 06.75± 0.40s
73.294 N ± 5.3km 6.697 E ±12.1km
DEPTH = 10.0km (geophysicist)
4.6mb (14 obs.) 4.4Msz (1 obs)
GREENLAND SEA (640)

HSP	4.37	27	eP	11	14.00	-0.6
TRO	5.35	127	iP+	11	26.50	-2.0X
			eS	12	22.00	
KEV	7.34	109	eP	11	53.00	-3.4X
SOD	8.92	122	iP	12	15.40	-3.1X
KJF	11.80	130	iP	12	53.00	-4.8X
	1.0s	164.00nm			6.3mb	X
SUF	12.78	136	iP	13	05.50	-5 4X
	0.5s	5.00nm			5.0mb	X
NUR	14.53	143	iP	13	30.50	-3.5X
	0.6s	13.00nm			4.7mb	
Z	21s	1.10um			4.0Msz	
ALE	15.73	333	eP	13	47.00	-2.5X
	1.3s	36.00nm			4.4mb	
WTS	21.38	180	eP	14	55.50	-0.5
	1.0s	17.00nm			4.4mb	
		e		15	22.00	
CLL	22.23	170	iPc	15	04.80	0.2
	1.7s	50.00nm			4.7mb	
ENN	22.61	181	eP	15	08.00	-0.4
	1.0s	42.00nm			4.9mb	
		e		15	18.00	
		e		15	30.00	
BRG	22.72	168	iPc	15	09.20	-0.2
	1.2s	22.00nm			4.5mb	
MEM	22.77	181	P	15	11.10	1.2
MOX	22.83	172	eP	15	10.00	-0.6
	1.1s	27.00nm			4.7mb	
		eSg		15	30.00	
SNF	22.89	184	P	15	12.80	1.7
KSP	22.91	164	eP	15	12.50	1.1
DOU	23.30	183	P	15	20.30	5.2X
PRU	23.64	167	eP	15	19.20	0.8
Z	18s	1.30um			4.4Msz	
N	17s	1.20um				
E	17s	0.30um				
		Sg		27	54.30	
WLF	23.71	181	P	15	24.40	5.3X
KRA	24.03	159	eP	15	21.60	-0.5
		e		15	27.90	
KHC	24.44	169	P	15	26.60	0.4
SPC	24.92	159	eP	15	31.80	0.8
HAU	25.37	181	eP	15	36.00	0.8
BSF	25.55	180	eP	15	37.80	0.9
ZST	25.61	164	eP	15	37.50	0.2
SRO	26.09	162	e(P)	15	55.20	13.4X
GRC	26.14	186	iPd	15	41.60	-0.6
PSZ	26.14	160	eP	15	42.00	-0.3
LOR	26.14	184	eP	15	42.10	-0.2
	1.2s	33.90nm			4.9mb	
LBF	26.42	184	eP	15	44.50	-0.4
	1.0s	18.80nm			4.7mb	
TCF	27.17	187	eP	15	51.10	-0.6
LSF	27.23	188	eP	15	51.30	-1.0
	1.1s	26.80nm			4.9mb	
EPF	30.50	189	eP	16	20.00	-1.7
INK	36.29	336	ePd	17	12.00	0.5
YKA	38.92	321	eP	17	35.10	1.5
RSNT	38.93	321	eP	17	34.30	0.7
	1.0s	11.00nm			4.5mb	
COL	41.02	344	eP	17	56.00	5.1X
EDM	47.33	315	iPd	18	42.90	1.0
SES	49.51	312	eP	18	59.00	0.2
EUR	60.96	312	iP	20	20.50	-1.7
	1.0s	1.92nm			4.2mb	
ALO	63.11	302	eP	20	35.00	-1.5
	1.0s	2.50nm			4.4mb	
BNG	69.16	167	ePc	21	13.90	-1.1
	0.7s	9.00nm			5.1mb	
		i		21	35.30	
	S.D. = 1.0	on	31 of	42	obs.	

• DEC 31, 1985 08h 58m 33.91± 0.77s
13.239 N ±16.6km 143.523 E ±12.0km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
SOUTH OF MARIANA ISLANDS (210)

GUMO	1.35	75	iPd	58	56.70	0.1
			eS	59	08.50	
PJG	1.35	75	ePd	58	57.10	0.5
GUA	1.38	77	iPd	58	56.90	-0.2
MAT	23.69	349	eP	03	51.00	7.4X
WB2	34.19	195	eP	05	18.50	-0.1
WRA	34.19	195	Pc	05	18.40	-0.2
	0.6s	3.60nm			4.5mb	
CHG	43.12	283	eP	06	22.50	-10.7X
YKA	83.77	27	eP	11	00.90	0.0
NEW	86.36	41	eP	11	13.00	-1.2
SUF	90.25	336	eP	11	36.00	3.6X
KIC	142.95	300	ePKP	18	08.00	1.0
	S.D. = 0.7	on	8 of	11	obs.	

DEC 31, 1985 09h 38m 55.42± 0.20s
5.772 S ± 4.1km 104.297 E ± 4.9km
DEPTH = 33.0km (normal)
5.1mb (20 obs.) 5.1Msz (1 obs)
SOUTHERN SUMATERA (274)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 16C
Centroid Location:
Origin Time 09:39: 5.0 1.8
Lat 4.98S 0.17 Lon 104.08E 0.19
Dep 33.0 FIX Half-duration 1.4
Moment Tensor; Scale 10**23 D-CM
Mrr=-0.80 0.43 Mtt=-4.11 0.56
Mff= 4.91 0.75 Mrt= 2.48 1.09
Mrf=-0.69 1.33 Mtf= 1.42 0.55
Principal Axes:

	Val=	Plg=	Azm=
T	5.14	4	97
N	0.53	62	8
P	-5.67	28	190

Best Double Couple:Mo=5.4*10**23
NP1:Strike=230 Dip=68 Slip= -18
NP2: 327 74 -157

PPI	6.56	323	eP	40	32.50	0.4
			e(S)	42	50.00	
KGM	7.80	353	eP	40	52.50	3.0X
	0.8s	97.90nm			5.9mb	X
		i		41	09.30	
		e		43	04.20	
TRT	8.50	104	iPc	41	03.50	4.3X
	9.6s	681.20nm				
PSI	9.98	327	ePc	41	20.40	0.8
	9.5s	14.90nm				
IPM	10.79	342	ePc	41	35.30	4.5X
	1.0s	57.50nm			5.7mb	X
		e		42	26.10	
		e		44	30.10	
KHKI	11.52	104	ePd	41	40.90	0.2
		eS		43	47.40	
		e		47	32.00	
SNG	13.38	344	eP	42	09.00	3 5X
		eS		45	21.00	
BSI	14.35	321	eP	42	18.50	0.1
		eS		42	31.50	
MKS	15.11	89	iPc	42	33.00	4.7X
		e		45	23.00	
PCI	16.25	73	eP	42	49.00	6.1X
		eS		43	58.50	
KKM	16.71	46	ePd	42	53.90	5.0X
	1.1s	145.30nm			5.0mb	
NNT	18.80	346	eP	43	17.10	2.4
NAU	19.88	148	eP	43	27.00	0.1
		eS		46	53.00	
PCT	20.52	352	eP	43	33.00	-0.7
KHT	21.19	345	eP	43	40.00	-0.6
M8L	21.47	137	iPc	43	43.40	0.1
	0.6s	16.00nm			4.6mb	
NST	21.70	349	eP	43	45.30	-0.4
LOE	23.17	354	eP	44	01.00	0.8
BDT	23.46	347	eP	44	03.00	0.1
	0.8s	25.90nm			4.8mb	
AAI	23.90	86	e(P)	44	03.90	-3.4X
DAV	24.78	59	eP	44	19.00	3.2X
		eS		48	50.00	
MEK	24.78	148	eP	44	16.00	0.2
	0.4s	8.00nm			4.7mb	
		eS		48	55.00	
CHG	24.99	348	iPc	44	17.20	-0.6
	1.0s	24.50nm			4.8mb	
		eS		50	38.00	
OIZ	25.24	12	eP	44	21.60	1.4
MRWA	25.81	156	eP	44	25.00	-0.4
KNA	25.97	114	iPc	44	26.70	-0.3
MAN	26.25	39	eP	44	31.20	1.7
BAG	27.30	36	eP	44	39.00	-0.4
MUN	28.35	158	eP	44	48.00	-0.6
KLB	28.62	155	eP	44	50.00	-1.0
NWAO	29.58	158	eP	44	58.50	-1.2
KOD	31.09	301	eP	45	15.80	2.2
GYA	32.12	4	eP	45	22.00	-0.2
WRA	32.42	119	Pc	45	24.20	-0.6
	0.8s	32.40nm			5.3mb	
WB2	32.43	119	iPc	45	24.60	-0.3
		i		48	12.50	
GBA	32.89	306	P	45	30.50	1.6
ASPA	33.58	125	iPc	45	35.50	0.6
	0.8s	94.00nm			5.8mb	
HYB	34.32	313	ePc	45	45.00	3.7X

31d 09h

	1.0s	30.00nm		5.2mb		
CD2	36.48	359 eP	45	58.30	-1.2	
WHN	37.37	14 eP	46	06.50	-0.4	
PKI	37.84	332 iPd	46	09.90	-1.4	
	0.6s	7.00nm		4.7mb		
DMN	38.01	332 iPd	46	11.50	-1.2	
	0.6s	19.00nm		5.1mb		
KKN	38.09	332 iPd	46	11.90	-1.4	
	0.5s	30.00nm		5.4mb		
POO	38.53	309 eP	46	17.50	0.6	
NJ2	40.09	19 Pc	46	33.00	3.4X	
MDG	41.29	91 eP	46	39.00	-0.7	
LZH	41.64	359 eP	46	43.00	0.5	
PMG	42.61	98 eP	46	51.00	0.4	
ADE	43.02	137 iPc	46	54.50	0.8	
	0.7s	56.16nm		5.4mb		
NDI	43.05	324 iPd	46	52.60	-1.4	
	0.5s	126.76nm		5.9mb		
		eS	53	14.00		
NDI	43.05	324 iPd	46	42.60	-11.4X	
	0.5s	126.76nm				
		eS	53	14.00		
CTA	43.15	113 iPc	46	55.90	1.0	
	1.0s	51.00nm		5.2mb		
		i	47	00.50		
		eS	53	25.00		
STK	43.46	131 iPc	46	58.30	1.1	
TIY	43.92	9 eP	47	02.40	1.4	
GTA	45.15	355 P	47	10.30	-0.6	
BTO	46.44	6 eP	47	24.60	3.5X	
		eS	54	10.00		
CMS	46.51	129 eP	47	22.00	0.3	
BFD	46.82	137 eP	47	25.00	0.9	
HHC	46.87	8 eP	47	25.00	0.5	
BJI	46.88	13 eP	47	24.00	-0.4	
		e	52	50.00		
CAN	50.52	132 eP	47	54.80	2.0	
BRS	50.79	121 iPc	47	55.80	0.9	
COO	51.00	125 eP	47	58.00	1.4	
WMQ	51.59	345 P	48	00.20	-0.6	
KSH	52.05	332 eP	48	02.00	-2.4	
MAT	52.71	34 iPc	48	07.30	-2.0	
	1.3s	42.31nm		5.2mb		
		eS	55	55.00		
CN2	52.91	19 eP	48	09.00	-1.6	
VSG	55.01	97 eP	48	25.00	-1.5	
AVY	56.55	251 eP	48	36.60	-1.2	
DZM	62.06	112 iPc	49	15.30	-0.4	
NOU	62.09	112 iPc	49	15.50	-0.3	
NPA	64.45	256 iP	49	31.00	-0.4	
TET	69.92	255 iP	50	07.00	1.1	
KRP	71.69	128 P	50	20.20	4.0X	
MNG	72.00	131 eP	50	17.00	-1.1	
KRI	73.71	254 eP	50	28.50	-0.2	
BUL	74.61	251 iPd	50	32.90	-1.0	
SLR	74.93	245 iPd	50	35.00	-0.6	
	1.0s	20.00nm		5.1mb		
PRNI	75.30	303 iP	50	38.00	0.5	
HRI	75.51	306 iP	50	39.50	0.7	
JER	75.52	305 e(P)	50	40.50	1.7	
CSS	77.90	307 eP	50	52.00	0.0	
SPA	84.27	180 iPc	51	25.40	0.3	
	0.6s	3.66nm		4.7mb		
VRI	85.52	317 iPd	51	32.50	1.0	
MLR	85.97	316 iPd	51	34.50	0.6	
BNG	86.22	275 ePd	51	35.30	-0.4	
	1.1s	22.00nm		5.3mb		
		i	51	37.20		
		i	51	47.20		
KJF	89.36	335 iP	51	49.70	0.1	
	0.8s	61.60nm		6.0mb		
		i	51	56.00		
SUF	89.68	333 iP	51	51.10	-0.1	
	0.6s	5.70nm		5.0mb		
NUR	89.90	331 eP	51	52.00	-0.2	
SOD	90.57	338 iP	52	00.40	5.2X	
UPP	93.27	330 iP	52	10.50	2.8X	
YKA	116.62	19 ePKP	57	38.00	0.5	
PMT	123.00	33 ePKP	57	50.00	-0.1	
	0.8s	11.00nm				
EDM	123.61	26 iPKPc	57	51.20	0.0	
EUR	130.60	41 iPKP	58	06.20	0.9	
	0.2s	13.40nm				
BDW	132.53	34 ePKP	58	10.00	1.1	
BMA	138.14	226 e(PKP)	58	14.00	-5.8X	
ALQ	139.41	40 ePKP	58	14.50	-7.5X	
		e	01	57.00		
VAO	139.92	223 e(PKP)	58	27.00	3.9X	
		e	58	37.80		
ITR	140.13	249 ePKP	58	08.30	-15.3X	
RRO	143.84	32 e(PKP)	58	24.70	-4.8X	
OCO	144.25	31 ePKP	58	28.00	-2.2X	
SIO	144.66	30 ePKPc	58	29.70	-1.2	
LTX	144.69	45 iPKP	58	31.00	-0.3	
	1.0s	55.00nm				
TUL	144.78	29 iPKPc	58	30.00	-1.1	
	1.0s	88.80nm				
RLO	144.93	28 iPKPc	58	30.50	-0.8	
JCT	146.57	40 iPKP	58	35.50	1.2	
	0.8s	100.75nm				
SLA	148.10	198 ePKP	58	40.00	3.0X	
RSCP	148.95	16 ePKP	58	41.30	3.4X	
TPZ	151.21	200 PKP	58	50.80	8.7X	
CNCB	156.30	199 iPKP	59	02.00	12.4X	
LPB	156.60	199 PKP	58	59.00	9.2X	
ZOBO	156.85	199 PKPc	58	49.00	-1.3	
	Z 20s	0.26um		5.1Msz		
		LR	53	16.00		
	S.D. = 1.0	on 86 of 113 obs.				
%	DEC 31, 1985 11h 50m 39.08± 1.95s					
	40.684 N ±15.4km 30.056 E ±14.3km					
	DEPTH = 10.0km (geophysicist)					
	TURKEY				(366)	
HRT	0.33	295 iPg	50	46.10	0.3	
		iSg	50	51.10		
GPA	0.44	154 iPg	50	47.90	-0.1	
		iSg	50	54.90		
YLV	0.53	258 iPg	50	49.10	-0.8	
ISK	0.85	297 iPg	50	55.10	-0.3	
		iSg	51	07.10		
KCT	1.37	252 iPn	51	06.10	1.9	
EDC	1.70	259 iPn	51	08.70	-0.3	
DMK	2.07	304 ePn	51	16.60	2.3X	
EZN	2.98	255 ePn	51	26.70	-0.5	
	S.D. = 1.1	on 7 of 8 obs.				
	DEC 31, 1985 11h 51m 05.14± 0.46s					
	27.808 N ±10.5km 54.492 E ± 4.8km					
	DEPTH = 33.0km (normal)					
	4.6mb (10 obs.)					
	SOUTHERN IRAN				(353)	
SHI	2.52	317 eP	51	46.00	1.2	
KER	9.09	318 e(P)	53	45.00	27.8X	
JER	17.21	288 iP	55	07.00	2.4	
PRNI	17.23	283 eP	55	06.50	1.6	
NDI	20.04	82 eP	55	19.50	-18.7X	
HYB	24.46	110 ePd	56	24.00	1.7	
DMN	27.07	83 eP	56	47.30	0.3	
	0.6s	8.00nm		4.5mb		
KKN	27.20	83 eP	56	48.60	0.5	
	0.5s	23.00nm		5.1mb		
PKI	27.34	83 eP	56	49.60	0.1	
	0.7s	14.00nm		4.7mb		
KRA	34.41	320 eP	57	50.50	-0.8	
KBA	37.38	312 i(P)	58	16.20	-0.5	
	0.7s	6.10nm		4.6mb		
PRU	37.56	317 eP	58	19.50	1.6	
		e	23	30.50		
		eSg	23	55.00		
		eSn	23	57.00		
		e	24	01.50		
KHC	37.85	315 Pd	58	19.80	-0.7	
	1.0s	10.50nm		4.7mb		
NUR	38.42	337 iP	58	24.80	-0.2	
	0.6s	15.60nm		5.0mb		
CLL	38.95	319 eP	58	29.00	-0.6	
GTA	39.11	61 P	58	31.50	0.2	
SUF	39.55	340 eP	58	28.00	-6.4X	
KJF	40.24	342 eP	58	40.00	-0.1	
BNG	41.35	242 ePd	58	49.00	-0.8	
	0.6s	7.00nm		4.6mb		
		i	58	52.90		
LPG	41.51	308 eP	58	52.60	1.5	
	1.0s	12.80nm		4.6mb		
LZH	42.31	66 eP	58	58.50	0.8	
HFS	42.49	331 iPc	58	57.70	-0.9	
	0.5s	5.60nm		4.5mb		
MEM	42.97	316 Pc	59	14.30	11.7X	
SOD	43.03	345 eP	59	03.00	0.0	
LBF	43.62	310 eP	59	13.40	5.3X	
DOU	43.74	315 Pc	59	09.20	0.3	
LOR	43.74	310 eP	59	09.10	0.1	
SSF	43.95	310 eP	59	09.60	-1.1	
NB2	44.01	331 P	59	09.80	-1.2	
	0.9s	6.20nm		4.4mb		
LOE	44.59	93 eP	59	16.00	-0.2X	
CAF	44.74	307 eP	59	16.20	-0.9	
KEV	44.88	347 eP	59	22.00	4.1X	
LFF	45.68	307 eP	59	23.70	-0.8	
XAN	46.65	68 eP	59	31.40	-1.0	
HHC	48.12	59 P	59	44.80	0.8	
TIY	49.04	63 P	59	51.00	0.0	
EKA	49.33	320 P	59	52.00	-0.9	
BJI	51.69	59 eP	00	11.00	-0.1	
TIA	52.97	64 Pc	00	20.20	-0.6	
NJ2	55.21	69 Pd	00	36.60	-0.6	
KIC	59.90	261 eP	01	09.30	-1.3	
MBC	76.13	358 eP	02	51.00	0.2	
COL	85.98	9 eP	03	43.00	0.0	
YKA	89.59	355 eP	04	01.40	1.0	
SPA	117.65	180 iPKPd	09	48.00	-0.8	
	1.0s	1.50nm				
	S.D. = 1.0	on 38 of 45 obs.				
	DEC 31, 1985 14h 04m 43.63± 0.13s					
	16.954 S ± 4.4km 173.546 W ± 3.2km					
	DEPTH = 16.4km (5 depth phases)					
	5.8mb (49 obs.) 5.0Msz (3 obs.)					
	TONGA ISLANDS				(173)	
	CENTROID, MOMENT TENSOR				(HRV)	
	Data Used: GDSN					
	L.P.B.: 13S, 32C					
	Centroid Location:					
	Origin Time 14:04:52.8 0.3					
	Lat 17.16S 0.06 Lon 173.11W 0.06					
	Dep 16.0 FIX Half-duration 2.0					
	Moment Tensor; Scale 10**24 D-CM					
	Mrr=-1.34 0.09 Mtt= 0.64 0.10					
	Mff= 0.70 0.13 Mrt=-0.60 0.21					
	Mrf= 5.05 0.19 Mtf=-0.50 0.09					
	Principal Axes:					
	T Val= 4.97 Plg=39 Azm=257					
	N 0.51 5 351					
	P -5.48 51 88					
	Best Double Couple:Mo=5.2*10**24					
	NP1:Strike=311 Dip= 8 Slip=-131					
	NP2: 172 84 -85					
AFI	3.47	30 P	05	36.00	-2.2	
		S	06	08.00		
VUN	7.70	261 ePc	06	47.70	9.9X	
NDF	8.64	263 ePc	07	02.00	11.2X	
PVC	17.34	265 iPc	08	53.00	6.5X	
DZM	19.53	252 iPc	09	13.50	-0.1	
NOU	19.57	251 iPc	09	14.50	0.6	
AFR	22.71	95 iP	09	45.60	-0.3	
	1.2s	125.00nm		5.3mb		
GNZ	22.84	197 P	09	49.00	2.0	
		S	13	52.50		
PAE	22.89	95 iP	09	47.60	-0.1	
	1.2s	370.00nm		5.8mb		
PPT	22.90	95 iP	09	47.70	-0.1	
	1.2s	495.00nm		5.9mb		
PPN	23.04	95 iP	09	49.00	-0.1	
	1.2s	260.00nm		5.6mb		
TVO	23.20	96 iP	09	50.70	-0.1	
	1.2s	405.00nm		5.8mb		
TBI	23.47	110 iP	09	54.10	0.8	
	1.6s	635.00nm		5.9mb		
PMO	24.73	89 iP	10	04.80	-0.8	
	1.2s	720.00nm		6.2mb		
VAH	24.95	90 iP	10	06.70	-1.0	
	1.2s	540.00nm		6.1mb		
TPT	25.00	89 iP	10	07.40	-0.8	
	1.2s	630.00nm		6.2mb		
RUV	25.20	90 iP	10	09.20	-0.8	
	1.2s	720.00nm		6.2mb		
MNG	25.42	200 P	10	10.90	-1.1	
		eS	14	38.00		
TCW	26.36	201 P	10	21.00	0.3	
SVO	27.06	283 P	10	38.00	10.6X	
VSG	27.12	283 eP	10	32.00	4.0X	
BRS	32.78	246 iPc	11	17.10	-1.2	
		e	18	50.00		
COO	34.27	240 eP	11	30.00	-1.2	
RMQ	36.17	248 eP	11	48.00	0.6	
CAN	37.99	234 eP	12	01.70	-0.9	
CTA	38.18	259 iPc	12	03.20	-1.2	

	0.9s	330.25nm		6.1mb				e	16 29.50	19km		RLO	90.93	52	ePd	17 47.70	-0.4							
		i	13 42.50	572kmX		GLA	74.93	48	iP	16 25.20	-0.6		BTO	90.97	312	eP	17 50.00	1.7							
		iS	17 45.00						i	16 49.00	91kmX					S	28 48.00							
		iScP	18 05.20			WCN	75.18	40	P	16 26.90	-0.4		ROCH	91.01	125	eP	17 50.50	1.6							
PMG	38.93	276 eP	12 12.00	1.3		MNA	75.67	42	iPd	16 30.00	-0.1		NST	91.07	286	iPc	17 50.90	1.9							
CMS	39.54	241 iPc	12 14.70	-0.9					e	16 34.60	15km		SYO	91.08	191	eP	17 48.60	0.4							
	1.0s	147.00nm		5.6mb					e	16 52.90			SAN	91.11	125	eP	17 50.00	0.8							
TOO	41.39	232 eP	12 30.00	-0.8		KDC	76.45	11	ePd	16 33.70	-0.1		PCH	91.17	126	eP	17 50.00	0.5							
MDG	41.48	281 eP	12 32.00	0.3		BMN	77.42	41	iP	16 39.70	-0.1		PEL	91.20	125	iPd	17 50.50	0.9							
TAU	42.09	224 iPc	12 37.00	0.6					e	17 01.50	82kmX			1.1s	97.47nm			6.1mb						
STK	43.16	241 iPc	12 44.80	-0.5		EUR	77.67	42	iP	16 40.50	-0.8		BACH	91.28	125	eP	17 50.30	0.3							
TZZ	45.76	279 eP	13 07.00	0.5			0.2s	25.68nm		5.9mb			JACH	91.44	125	eP	17 51.50	0.7							
ADE	46.06	238 iPc	13 07.30	-1.3		BFW	77.72	33	P	16 41.00	-0.3		FCH	91.45	125	eP	17 52.60	1.5							
	0.7s	23.29nm		5.3mb		PGC	79.03	31	eP	16 48.00	-0.3		RSNT	91.57	23	P	17 50.60	0.2							
WB2	49.36	258 iPc	13 32.80	-1.7			1.0s	111.00nm		5.8mb				1.4s	47.17nm			5.7mb						
WRA	49.37	258 Pc	13 32.30	-2.3		PMR	80.66	12	P	16 55.50	-1.3		YKA	91.57	23	eP	17 51.10	0.7							
	0.6s	21.90nm		5.3mb			1.3s	75.47nm		5.6mb			YKC	91.61	23	ePd	17 50.00	-0.6							
ASPA	49.52	253 iPc	13 34.80	-0.9		PME	80.71	12	eP	16 56.70	-0.4			1.5s	67.00nm			5.8mb						
	0.9s	247.00nm		6.2mb			1.3s	132.10nm		5.8mb			KHT	92.23	285	eP	17 56.90	2.5X							
GUA	51.00	304 eP	14 05.70	18.6X		TTA	80.80	8	eP	16 58.00	0.4		BDT	92.56	287	eP	17 59.00	3.1X							
PJG	51.07	304 eP	14 04.80	17.3X		YAH	81.21	15	eP	17 00.00	0.0		CHG	93.07	289	iPc	18 00.00	1.8X							
KNA	55.19	262 eP	14 17.00	-1.2		PNT	81.39	32	iPd	17 01.00	0.1			0.8s	11.19nm			5.3mb						
AAI	58.60	276 ePd	14 41.60	-0.9			0.9s	109.00nm		5.9mb			FFC	93.47	33	eP	17 58.50	-0.8							
	0.9s	77.90nm		5.8mb		LTX	81.59	56	iP	17 03.00	0.5			1.7s	78.00nm			5.8mb						
SBA	61.70	185 iP	15 05.40	2.6X			1.2s	133.33nm		5.9mb			POW	93.86	54	P	18 00.90	-0.6							
	1.0s	26.00nm		5.3mb					i	17 26.00	86kmX		LZH	94.03	306	eP	18 06.50	3.9X							
		(S)	23 07.80			ALQ	81.90	50	ePd	17 04.00	-0.1		FVM	94.99	52	eP	18 06.00	-0.7							
MBL	62.71	255 iPc	15 08.80	-1.6			1.5s	201.39nm		6.0mb				1.1s	54.88nm			5.9mb						
	0.4s	8.00nm		5.2mb		NEW	82.06	34	iPd	17 03.80	-0.7		RSON	96.73	39	eP	18 12.80	-1.5							
MEK	63.17	248 eP	15 11.00	-2.4			1.0s	39.00nm		5.4mb				1.0s	23.00nm			5.7mb						
KLB	63.39	243 eP	15 13.00	-1.8		CN2	82.18	320	eP	17 06.00	0.9		MBC	98.47	11	eP	18 21.00	-0.7							
NWAO	63.75	241 eP	15 16.00	-1.1					eS	27 14.00			LPB	99.36	110	P	18 29.30	1.8							
		eS	23 54.00			SNY	82.32	318	eP	17 07.70	1.9					LR	51 07.00								
		LR	36 30.00						S	27 17.00			CNCB	99.36	111	P	18 29.00	1.3							
RKG	63.86	240 eP	15 17.00	-0.9		LHD	82.91	35	iPd	17 08.70	-0.2		ZOBO	99.43	110	Pc	18 29.00	1.0							
BAL	64.38	244 eP	15 19.60	-1.7		CLX	83.11	35	iPd	17 09.70	-0.4			1.2s	10.14nm			5.3mb						
MUN	64.68	242 eP	15 22.00	-1.2		LDM	83.15	35	iPd	17 10.00	-0.1					LR	50 55.00								
DAV	64.74	287 eP	15 23.50	-0.3		YKM	83.17	34	iPd	17 10.00	-0.3		TPZ	99.64	116	eP	18 31.00	2.3							
MRWA	65.13	245 eP	15 24.00	-2.2		LRM	83.32	38	eP	17 08.30	-3.0X		DAG	118.78	6	iPKPd	23 30.00	-1.8							
NAU	66.47	252 iPc	15 34.10	-0.7		RXF	83.49	34	iPd	17 11.80	-0.1			0.8s	5.22nm									
	0.4s	25.00nm		5.7mb		BDW	83.51	42	iP	17 11.50	-0.8		SOB1	126.45	115	ePKP	23 47.40	-1.1							
PCI	67.40	276 eP	15 41.50	0.7			1.0s	100.00nm		6.0mb						e	24 08.40								
	1.4s	3.30nm		4.3mb X		COL	83.94	11	iPd	17 13.90	0.2					e	24 17.40								
ADK	68.60	358 eP	15 46.80	-0.7		FBA	83.94	11	ePd	17 13.50	-0.2		ITR	128.80	117	ePKP	23 50.60	-2.3							
MAT	70.03	320 eP	15 57.00	0.3		KGM	84.02	274	ePd	17 16.40	1.2					e	24 11.30								
	1.4s	32.56nm		5.3mb		TIA	84.10	310	Pd	17 16.60	1.5					e	25 56.60								
	Z 20s	0.71um		4.9Msz		IMA	84.11	8	eP	17 15.00	0.3		KJF	130.61	348	ePKP	23 49.00	-5.8X							
		eS	25 05.00			GOL	84.83	46	eP	17 18.70	-0.3		CAI	131.00	115	e(PKP)	23 55.60	-1.5							
SMY	70.21	352 eP	15 57.00	-0.4			1.0s	27.50nm		5.4mb			SUF	132.25	348	ePKP	23 56.00	-2.0							
MAN	71.76	292 eP	16 08.00	0.5		GLD	84.95	46	eP	17 20.00	0.4		NUR	134.57	347	iPKP	24 02.20	-0.2							
BLP	71.93	44 P	16 07.80	-0.4			1.5s	175.00nm		6.1mb				0.8s	16.10nm									
SHK	72.34	316 eP	16 11.40	0.7		JCT	85.12	56	iP	17 19.80	-0.6			Z 25s	0.20um			4.7MszX						
PRS	72.36	42 ePd	16 10.90	0.1			1.0s	32.50nm		5.5mb						LR	19 50.00								
TRT	72.37	267 iPc	16 11.50	0.3			Z 20s	0.53um		4.9Msz			NB2	135.84	357	PKP	24 03.80	-1.1							
	1.5s	245.10nm		6.0mb		MAW	86.28	199	eP	17 26.00	0.5			1.3s	15.40nm									
GCC	72.39	41 iPd	16 10.80	-0.1		BJI	86.43	314	eP	17 28.00	1.4		BUL	137.19	211	iPKPd	24 08.80	0.0							
PCC	72.44	41 iPd	16 10.90	-0.3					esP	17 46.00				1.1s	17.72nm									
BCH	72.51	44 P	16 10.80	-1.0					eS	27 46.00			KRI	139.41	215	ePKP	24 09.00	-4.0X							
SAO	72.58	42 eP	16 11.80	-0.2					esS	28 05.00			WIT	144.22	360	ePKP	24 20.00	-0.1							
PHAM	72.69	43 eP	16 12.50	-0.2		SES	86.55	35	iPd	17 26.60	-0.5		WTS	145.04	360	ePKP	24 21.00	-0.5							
PRI	72.70	43 ePd	16 13.20	0.3			1.1s	345.00nm		6.5mb				1.2s	127.00nm									
		e	16 18.90	18km		EDM	86.88	32	iPd	17 28.00	-0.6					e	24 28.00								
BRK	72.75	40 iPd	16 13.00	0.0			1.3s	286.00nm		6.3mb						e	24 41.50								
BKS	72.77	40 iP	16 13.40	0.3		IPM	86.96	276 ePc		17 31.00	1.2		KRA	145.23	345	iPKPd	24 21.50	-0.5							
	1.1s	221.00nm		6.1mb			1.0s	33.20nm		5.5mb				1.0s	108.00nm									
		eLR	37 56.00			QZO	87.22	52	ePd	17 27.40	-3.2X					i	24 26.10								
MHC	72.81	41 iPd	16 13.70	0.2		MEO	87.72	53	eP	17 32.40	-0.6					i	24 42.30								
		e	16 17.70	13km		SNG	88.11	278	eP	17 37.50	2.2X		KSP	145.28	349	iPKPd	24 22.00	-0.1							
		e	16 36.50			TIY	88.14	310	P	17 36.90	1.9			1.3s	226.00nm									
LLA	72.81	42 iPd	16 13.40	0.0					S	28 22.00						i	24 42.50								
SDN	72.86	8 eP	16 12.30	-0.9		RRO	88.14	52	e(P)	17 36.50	1.5		CLL	145.33	353	iPKP	24 21.60	-0.5							
ARN	72.88	41 P	16 13.90	0.1		PSI	88.41	273	iPd	17 38.40	1.6			1.4s	190.00nm									
BAG	72.90	294 eP	16 14.50	0.0			1.2s	78.90nm		5.9mb						pPKP	24 42.20								
KKM	73.05	282 ePd	16 15.70	0.3		GYA	88.64	298	P	17 39.60	1.8		BRG	145.63	352	iPKPd	24 22.50	-0.1							
SPA	73.15	180 iPd	16 15.20	0.0		BRW	88.79	5	eP	17 37.30	0.0			1.2s	150.00nm									
	1.2s	56.34nm		5.5mb		OCO	88.84	52	e(P)	17 37.50	-0.9					i	24 43.50								
FHC	73.58	37 iPd	16 18.50	0.7		XAN	89.42	306	P	17 42.80	1.6		SPC	145.95	344	ePKP	24 34.80	11.3X							
GAS	73.59	39 P	16 18.20	0.2		INK	89.80	14	ePd	17 41.50	-0.7					e	24 44.40								
FRI	73.83	42 iPd	16 19.00	-0.3			1.0s	33.00nm		5.5mb			JCK	146.00	0	iPKPd	24 23.90	0.7							
		e	16 24.40	17km		SIO	89.80	53	eP	17 42.80	-0.1		PLH	146.03	360	iPKPd	24 24.00	0.8							
		e	16 41.30			HHC	89.98	313	Pc	17 46.00	2.3		BNS	146.07	359	iPKPc	24 23.50	0.2							
		e	16 45.60			TUL	90.25	52	eP	17 44.40	-0.6			1.2s	415.00nm									
JAS1	73.93	41 iPd	16 19.60	-0.3			1.2s	41.80nm		5.6mb			MOX	146.14	354	iPKPd	24 24.50	1.0							
		e	16 42.10	85kmX			Z 22s	1.57um		5.4Msz				1.3s	233.00nm									
ORV	74.26	39 iPd	16 21.30	-0.5		LNV	90.35	126	eP	17 46.00	0.5					i	24 46.00								
WDC	74.28	38 iPd	16 21.80	-0.1		NNT	90.53	283	eP	17 49.00	2.4		UCC	146.20	2	PKPd-	24 25.00	1.5							
MIN	74.69	39 ePd	16 23.60	-0.8		TACH	90.83	126	eP	17 48.50	0.7					e	24 44.00								

31d 14h

ENN	146.27	1	iPKPd	24	25.00	1.3
	1.5s	249.00nm				
			e	24	31.00	
			e	24	36.00	
PRU	146.41	351	iPKPd	24	25.50	1.5
	1.5s	156.30nm				
			pP	24	43.60	
			e	24	46.50	
MEM	146.43	1	PKPd	24	25.00	1.1
			e	24	43.80	
			e	27	35.60	
HOF	146.44	354	ePKP	24	25.10	1.1
	1.6s	288.00nm				
SNF	146.48	3	PKP	24	25.70	1.7
			e	24	46.00	
VRI	146.58	334	iPKPd	24	26.00	1.6
TNS	146.77	358	ePKP	24	26.50	1.9
			e	24	46.10	
DOU	146.91	2	PKP	24	26.30	1.6
GRF	147.12	354	iPKPc	24	23.50	-1.6
	1.2s	415.00nm				
PSZ	147.20	343	ePKP	24	25.50	0.1
MLR	147.21	334	ePKPd	24	25.00	-0.6
WLF	147.37	0	PKPd	24	28.50	3.1X
			e	24	46.00	
KHC	147.39	351	iPKP	24	26.00	0.4
	1.2s	175.00nm				
			i	24	28.50	
			e	24	49.30	
WET	147.47	352	iPKPd	24	29.70	4.0X
ZST	147.64	347	ePKP	24	25.70	-0.3
			i	24	29.00	
			i	24	49.90	
			i	27	53.60	
SRO	147.72	345	ePKP	24	26.30	0.2
			i	24	29.60	
			i	24	49.90	
			e	27	30.20	
VKA	147.74	348	iPKPd	24	29.40	3.2X
	5.0s	1381.00nm				
			i	24	47.50	
CMP	147.76	335	ePKPc	24	30.00	3.7X
FLN	147.77	9	iPKPd	24	29.00	2.8X
LDF	147.99	8	iPKPd	24	29.60	3.1X
GWF	148.05	359	ePKP	24	29.60	3.0X
GRR	148.08	9	iPKPd	24	30.20	3.5X
SOP	148.25	347	ePKP	24	26.10	-0.9
LPF	148.40	10	iPKPd	24	30.90	3.7X
CDF	148.62	359	iPKPd	24	31.90	4.2X
FUR	148.62	354	iPKPd	24	31.70	4.1X
	1.2s	156.00nm				
BHL	148.85	308	PKPc	24	33.00	4.5X
HAU	149.03	0	iPKPd	24	32.60	4.3X
HRI	149.05	307	iPKP	24	29.50	0.7
BSF	149.21	360	iPKPd	24	33.00	4.4X
SLE	149.23	357	ePKP	24	32.70	4.1X
KBA	149.42	351	iPKPd	24	32.50	3.4X
	1.1s	41.20nm				
			i	24	52.90	
			i	25	04.10	
			e	28	11.50	
ZUL	149.52	357	ePKP	24	33.70	4.7X
GRC	149.62	5	iPKPc	24	29.90	0.8
			i	24	34.20	
SAX	149.69	356	ePKP	24	34.20	4.6X
LOR	149.78	4	iPKPd	24	34.60	5.3X
SSF	149.88	4	iPKPd	24	35.00	5.5X
OGA	149.93	354	ePKP	24	30.20	0.3
MFF	149.93	9	iPKPd	24	34.80	5.2X
LBF	149.98	3	iPKPd	24	35.20	5.5X
CSS	150.05	312	ePKP	24	35.50	5.3X
JER	150.07	305	iPKPc	24	36.00	5.6X
LLS	150.10	356	ePKP	24	35.30	5.2X
AVF	150.14	4	iPKPd	24	35.00	5.1X
OSS	150.20	355	ePKP	24	35.70	5.5X
SMF	150.32	4	iPKPd	24	35.40	5.2X
BGF	150.33	5	iPKPd	24	36.00	5.8X
VOY	150.35	349	iPKPd	24	34.50	4.1X
YDL	150.45	356	ePKP	24	36.40	5.7X
LSF	150.50	7	iPKPd	24	36.20	5.7X
TCF	150.54	6	iPKPd	24	36.20	5.6X
MZF	150.65	5	ePKP	24	36.70	6.0X
PRNI	150.75	302	ePKP	24	36.50	5.1X
LWI	150.84	231	iPKPd	24	38.50	6.3X
TMA	150.86	357	ePKP	24	36.90	5.6X
DIX	150.95	359	ePKP	24	37.80	6.3X
MMK	150.96	358	ePKP	24	37.60	6.1X
EMS	150.97	359	ePKP	24	37.70	6.3X
RJF	151.43	7	ePKP	24	38.00	6.1X
LFF	151.69	9	ePKP	24	38.60	6.3X
CAF	151.87	7	ePKP	24	39.20	6.6X
SKO	151.95	336	iPKP	24	37.80	5.0X
LPO	152.00	8	ePKP	24	39.50	6.7X
VAY	152.03	334	ePKP	24	33.00	0.1
OHR	152.93	336	ePKP	24	41.00	6.7X
FIR	152.95	352	ePKP	24	42.00	7.9X
CDR	153.36	1	ePKPc	24	43.50	8.8X
			i	24	55.40	
			e	25	03.40	
			e	25	15.40	
LRG	153.58	0	ePKP	24	41.20	6.2X
TOL	155.40	20	ePKP	24	48.00	10.4X
IFR	160.49	30	iPKP	24	46.00	1.9
BNG	162.81	225	iPKPc	24	47.20	0.5
	1.0s	30.00nm				
			i	25	07.30	
			i	25	34.50	
			i	25	53.00	
KIC	164.81	133	ePKP	24	47.80	-0.8
	1.6s	110.00nm				
			i	25	43.40	

S.D. = 1.0 on 191 of 259 obs.

DEC 31, 1985 14h 24m 40.83± 0.48s
13.712 N ± 6.5km 121.143 E ± 8.8km
DEPTH = 33.0km (normal)
4.6mb (9 obs.)
MINDORO, PHILIPPINE ISLANDS (250)

LOE	19.06	284	eP	29	04.00	0.8
NST	20.42	278	eP	29	18.00	0.0
NNT	20.88	269	eP	29	22.50	-0.2
KGM	21.11	238	ePc	29	25.50	0.3
IPM	21.82	247	ePc	29	32.50	0.2
CHG	21.90	286	iPd	29	33.40	0.3
	0.6s	7.00nm			4.3mb	
XAN	23.08	333	eP	29	45.20	0.6
CD2	23.43	320	eP	29	49.20	1.1
PSI	24.53	245	eP	29	59.00	0.2
PPI	24.91	237	eP	30	02.50	0.0
LZH	27.16	328	eP	30	24.50	1.2
	1.5s	51.00nm			4.9mb	
GTA	31.76	328	iPc	31	04.80	0.5
MBL	34.68	182	eP	31	29.50	-0.1
WRA	35.88	158	Pc	31	40.00	0.1
	0.7s	2.90nm			4.3mb	
W82	35.88	158	eP	31	40.80	0.9
			e	32	13.10	
PKI	36.03	298	eP	31	40.60	-0.9
	0.6s	8.00nm			4.8mb	
KKN	36.19	298	eP	31	42.00	-0.8
	0.5s	5.00nm			4.7mb	
DMN	36.30	298	eP	31	43.00	-0.7
MEK	40.16	184	iPd	32	15.70	0.0
	0.6s	16.00nm			5.0mb	
WMO	41.45	323	P	32	27.50	1.3
CTA	41.69	143	iPd	32	31.90	3.6X
	0.9s	12.60nm			4.6mb	
KLB	45.16	184	eP	32	56.00	-0.3
NWAO	46.52	185	eP	33	07.00	0.0
KJF	79.26	334	eP	36	43.00	-1.1
SUF	80.21	332	eP	36	47.00	-2.3
	0.7s	3.20nm			4.4mb	
INK	82.93	21	eP	37	04.00	0.6
NB2	87.45	333	P	37	23.30	-2.8
	1.1s	4.50nm			4.6mb	
YKA	92.60	23	eP	37	51.50	1.4

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

* DEC 31, 1985 16h 57m 15.07± 0.78s
23.453 S ± 8.8km 66.939 W ±10.0km
DEPTH = 223.9 ± 10.9 km
JUJUY PROVINCE, ARGENTINA (128)

SLA	1.83	134	iPc	57	54.30	0.0
			S	58	24.80	
TPZ	2.28	30	iP	57	59.10	0.1
ANT	3.20	265	iPc	58	08.70	0.0
CCH	6.09	7	P	58	44.40	-0.4
CNCB	6.68	351	iP	58	53.10	0.4
ZOBO	7.23	351	eP	58	59.50	-0.3
VAO	18.36	93	eP	01	15.40	-0.2
BDF	19.53	70	e(P)	01	27.90	0.3

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

? DEC 31, 1985 17h 04m 24.13± 1.55s
30.368 N ±12.8km 34.896 E ± 9.8km
DEPTH = 10.0km (geophysicist)
DEAD SEA REGION (373)
Felt (IV) at Elat, Israel.

PRNI	0.09	105	iP	04	26.90	0.1
RMN	0.27	299	iP	04	29.70	-0.1
NOH	0.32	10	iP	04	31.80	0.9
MKT	0.62	21	iP	04	35.60	-1.0
			eS	05	03.40	
JER	1.42	10	iPd	04	55.40	5.3X
HLW	3.12	262	eP	05	18.00	3.7X
BHL	3.58	10	Pn	05	39.00	18.0X
			Sn	06	45.00	

S.D. = 1.4 on 4 of 7 obs.

* DEC 31, 1985 17h 52m 06.66± 0.75s
50.255 N ± 6.9km 12.458 E ± 7.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)

MOX	0.67	306	ePg	52	19.80	-0.1
			iSg	52	29.00	
GRF	0.98	235	ePg	52	25.20	0.0
			eSg	52	38.80	
CLL	1.11	18	iPg	52	27.90	0.4
			iSg	52	43.00	
BRG	1.13	56	iPg	52	27.50	-0.4
			iSg	52	44.00	
KHC	1.34	147	Pg	52	31.50	0.1
			Sg	52	48.40	

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

* DEC 31, 1985 18h 08m 50.68± 2.03s
32.961 S ± 8.3km 71.458 W ±19.2km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)
Felt.

ROCH	0.38	92	iP	08	58.20	-1.5
			i(S)	09	08.00	
PEL	0.67	106	iPd	09	03.20	-0.6
			iS	09	17.50	
JACH	0.78	69	iPc	09	02.80	-2.5
			iS	09	16.00	
SAN	0.83	127	iP	09	07.50	1.6
			iS	09	22.00	
BACH	0.90	116	iPd	09	07.10	0.1
			iS	09	25.30	
LNV	0.99	178	iPc	09	06.90	-1.4
			i	09	08.00	
			iS	09	21.40	
PCH	1.03	130	iP	09	09.50	0.6
			iS	09	30.00	
FCH	1.05	111	iPd	09	09.50	0.1
			iS	09	28.00	
CHCH	1.18	145	eP	09	12.00	1.0
			i	09	34.20	
RTCB	2.69	58	e(P)	09	33.90	1.2
ZON	2.74	60	eP	09	34.00	0.6
RTLL	3.01	58	ePc	09	37.30	0.1
VCA	5.05	34	e(P)	10	07.00	0.7
			S	11	17.00	

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

DEC 31, 1985 18h 19m 54.37± 0.63s
40.629 N ± 5.2km 29.998 E ± 6.0km
DEPTH = 11.4 ± 4.0 km
TURKEY (366)

HRT	0.32	308	iPg	20	01.70	0.7
GPA	0.41	145	iPg	20	02.80	-0.1
			iSg	20	08.80	
YLV	0.48	263	iPg	20	03.70	-0.5
ISK	0.84	302	iPg	20	10.70	0.3
			iSg	20	20.70	
KCT	1.31	254	iPn	20	18.70	0.2
EDC	1.65	261	iPn	20	23.60	0.3
DMK	2.07	306	iPn	20	30.20	0.8
EZN	2.92	255	iPn	20	41.80	0.3
IZM	3.07	224	iPn	20	42.50	-1.2
BCK	3.20	172	ePn	20	45.70	0.2
YER	3.74	202	ePn	21	03.10	9.9X
ELL	3.88	181	iPn	20	56.60	1.4
VAY	5.66	279	ePn	21	29.00	8.6X
MLR	5.70	330	iPc	21	21.00	0.0

VRI 5.76 337 eP 21 21.00 -0.7
SUF 22.24 355 iP 24 51.90 -0.4
KJF 23.65 358 eP 25 09.00 3.0X
S.D. = 0.7 on 14 of 17 obs.

% DEC 31, 1985 18h 23m 33.16± 1.03s
40.568 N ±10.1km 29.964 E ± 9.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

HRT 0.34 318 iPg 23 39.70 -0.5
iSg 23 44.70
GPA 0.38 137 iPg 23 40.80 -0.2
iSg 23 45.80
YLV 0.45 270 iPg 23 41.70 -0.7
iSg 23 49.70
ISK 0.85 306 iPg 23 48.70 -0.8
iSg 24 00.70
KCT 1.27 256 iPn 23 56.70 0.0
EDC 1.62 263 ePn 24 02.60 0.8
DMK 2.08 308 iPn 24 10.00 1.4
S.D. = 1.0 on 7 of 7 obs.

DEC 31, 1985 18h 27m 25.82± 0.97s
34.760 N ±10.8km 97.484 W ± 5.5km
DEPTH = 5.0km (geophysicist)
OKLAHOMA (499)
mbLg 2.7 (TUL).

OCO 0.76 1 ePg 27 40.40 -0.7
MEO 0.91 272 iPgc 27 42.90 -0.8
RRO 1.00 314 ePg 27 45.80 0.6
eSg 28 00.60
SIO 1.38 44 ePg 27 51.10 -0.6
eSg 28 10.70
VVO 1.54 68 iPb 27 53.90 -0.1
eSg 28 14.90
TUL 1.80 50 iPn 27 58.00 0.3
eSn 28 22.60
BHO 2.19 99 ePn 28 03.80 0.4
eSn 28 32.10
ACO 2.36 326 ePn 28 06.80 0.9
eSn 28 37.70
LTX 7.54 226 eP 29 12.00 -7.1X
S.D. = 0.8 on 8 of 9 obs

• DEC 31, 1985 18h 34m 16.40± 0.77s
62.325 N ±12.2km 124.199 W ± 7.9km
DEPTH = 10.0km (geophysicist)
3.9mb (1 obs.)
NORTHWEST TERRITORIES, CANADA (679)

FST1 1.49 110 Pg 34 43.00 -0.1
YKA 4.47 84 eP 35 26.10 0.5
YKC 4.53 84 eP 35 26.00 -0.5
INK 7.15 331 eP 36 03.00 -0.5
COL 10.79 294 eP 36 54.00 0.2
EDM 10.79 143 eP 36 47.70 -6.2X
FFC 13.82 113 eP 37 28.00 -6.4X
MBC 14.08 5 eP 37 35.00 -2.7X
BDW 21.41 149 eP 39 06.50 0.1
1.0s 5.60nm 3.9mb
FRB 24.61 62 eP 39 38.00 0.7
S.D. = 0.6 on 7 of 10 obs.

? DEC 31, 1985 18h 48m 17.00± 3.55s
29.884 S ±18.9km 71.807 W ±27.0km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

JACH 2.98 160 iPc 49 03.90 0.8
i(S) 49 38.00
RTCB 3.04 122 ePc 49 04.70 0.7
ZON 3.16 122 eP 49 06.00 0.3
RTLL 3.22 117 ePd 49 06.10 -0.3
VCA 3.35 71 ePc 49 08.50 0.1
S 49 53.00
PEL 3.39 164 eP 49 09.00 0.1
i(S) 49 54.00
CFA 3.52 120 ePc 49 10.00 -0.8
S 49 59.00
BACH 3.64 162 eP 49 11.50 -0.9
LNV 4.07 175 eP 49 25.00 6.5X
S.D. = 0.7 on 8 of 9 obs.

• DEC 31, 1985 19h 05m 52.81± 0.93s
21.834 S ±12.8km 179.663 W ±11.1km
DEPTH = 598.4 ± 10.8 km
4.5mb (5 obs.)
FIJI ISLANDS REGION (181)

VUN 4.20 335 eP 07 19.20 -0.8
NOU 12.88 265 iPd 08 45.20 5.0X
iS 26 41.50
DZM 12.89 266 iPd 08 41.20 0.8
KRP 16.56 193 P 09 16.60 0.8
CTA 31.84 267 iPd 11 32.80 1.0
0.7s 17.81nm 4.8mb
i 16 56.00
STK 35.82 245 iPd 12 05.40 0.6
ASPA 42.72 258 eP 13 00.00 -0.4
WB2 42.88 264 eP 13 01.80 0.1
eS 17 37.90
WRA 42.89 264 Pd 13 01.20 -0.6
0.6s 9.50nm 4.5mb
KNA 49.02 268 eP 13 48.50 0.1
MBL 55.96 259 iPd 14 37.20 -0.8
0.5s 14.00nm 4.5mb
MEK 56.09 252 eP 14 38.00 -0.8
SPA 68.30 180 eP 15 56.00 -0.8
0.8s 4.58nm 4.1mb
PNT 88.63 35 ePc 17 45.00 1.1
0.7s 6.00nm 4.6mb
ALO 89.44 52 eP 17 48.80 0.6
SOB1 129.13 123 e(PKP) 23 55.00 -1.0
SUF 135.53 343 iPKP 24 07.50 0.8
0.5s 1.80nm
NUR 137.76 342 iPKP 24 10.20 -0.7
NB2 140.09 352 PKP 24 08.60 -6.6X
0.6s 1.00nm
SLL 140.32 350 ePKP 24 09.40 -6.2X
0.3s 5.20nm
CLL 148.96 345 iPKPc 24 35.60 5.4X
0.8s 16.00nm
BRG 149.12 343 iPKP 24 36.50 6.1X
WTS 149.48 352 ePKP 24 37.00 6.1X
1.0s 29.00nm
PRU 149.75 342 PKP 24 37.50 6.1X
e 24 46.10
KHC 150.80 342 PKP 24 40.40 7.3X
DOU 151.60 354 PKP 24 42.00 7.9X
S.D. = 0.9 on 17 of 26 obs.

DEC 31, 1985 19h 42m 40.64± 0.58s
29.075 N ± 6.5km 34.855 E ± 9.1km
DEPTH = 10.0km (geophysicist)
4.9mb (14 obs.)
ARAB REPUBLIC OF EGYPT (553)
Felt (IV) at Eilat, Israel.

PRNI 1.27 6 iP 43 05.20 0.9
RMN 1.43 352 iP 43 07.90 1.2
NOH 1.61 3 iP 43 09.90 0.6
MKT 1.88 8 iP 43 14.10 0.9
JER 2.70 6 iPd 43 24.50 -0.5
HLW 3.16 285 eP 43 44.00 12.6X
eS 44 22.00
BHL 4.86 8 Pn 43 56.00 0.3
Sn 45 18.00
CSS 6.01 348 eP 44 10.50 -1.3
RTB 6.12 49 eP 44 32.00 18.7X
iS 45 40.00
ELL 8.71 333 eP 44 53.00 3.3X
BCK 9.09 338 iP 44 53.70 -1.2
BHD 9.17 60 eP 45 20.00 24.0X
iS 47 32.00
e 47 44.00
e 48 35.00
YER 9.74 327 eP 45 00.60 -3.3
MSL 10.09 42 eP 45 49.00 40.4X
e 47 44.50
eS 47 57.50
e 48 15.30
SLY 11.10 51 eP 45 38.00 15.6X
iS 48 35.00
i 48 50.00
KER 11.68 60 eP 45 43.00 12.5X
VAY 15.79 324 eP 46 28.00 3.4X
SKO 16.85 323 eP 46 43.00 4.9X
PSZ 22.09 332 eP 47 38.00 0.5
SRO 22.67 330 iP 47 44.60 1.4
SPC 22.99 335 e(P) 47 49.10 2.6
ZST 23.49 329 iP 47 53.60 2.4
KRA 23.82 336 ePd 47 54.30 0.0
1.0s 54.00nm 5.1mb
e 47 56.00
e 48 02.50
e 48 05.50
KBA 24.56 323 eP 48 02.50 0.7
0.7s 16.30nm 4.8mb
ic 48 05.00
i 48 09.90
i 49 19.30
KHC 25.80 327 iPd 48 13.60 0.2
e 49 00.00
KSP 25.84 332 eP 48 14.00 0.3
PRU 25.95 329 eP 48 13.00 -1.8
e 48 17.30
GRC1 26.73 325 eP 48 22.30 0.4
0.8s 33.00nm 5.1mb
BRG 26.86 330 iPc 48 23.50 0.4
0.6s 30.00nm 5.2mb
e 48 35.00
CLL 27.59 330 iPd 48 29.40 -0.3
1.1s 16.00nm 4.7mb
MOX 27.76 327 iP 48 32.00 0.7
1.0s 56.00nm 5.3mb
BNG 28.98 215 iPd 48 42.50 -0.1
1.0s 17.00nm 4.8mb
DOU 31.04 321 P 49 00.30 -0.3
SUF 34.13 353 iP 49 26.30 -1.1
0.7s 3.20nm 4.4mb
HFS 34.20 341 eP 49 27.00 -1.0
0.3s 7.50nm 5.1mb
KJF 35.43 355 iP 49 37.70 -0.8
0.7s 17.40nm 5.0mb
NB2 35.65 340 P 49 38.80 -1.7
0.8s 7.00nm 4.6mb
KIC 43.64 247 eP 50 47.10 -0.2
DMN 43.98 79 eP 50 50.00 -0.2
0.8s 13.00nm 4.8mb
KKN 44.09 79 eP 50 50.80 -0.2
0.7s 17.00nm 5.0mb
PKI 44.25 79 eP 50 52.00 -0.5
0.7s 10.00nm 4.8mb
FRB 69.95 333 eP 53 53.00 -0.7
ITR 79.87 254 e(P) 54 51.00 -0.5
SOB1 82.19 255 eP 55 05.70 2.1
YKA 85.52 346 eP 55 20.40 0.6
WB2 107.45 103 ePKP 00 59.90 -9.8X
MDG 110.81 84 ePdiff 57 24.50 8.5X
LAT 112.55 85 iPdiff 57 25.90 2.1X
SPA 118.91 180 ePKP 01 30.00 -0.3
1.0s 2.00nm
S.D. = 1.2 on 37 of 49 obs

& DEC 31, 1985 20h 08m 03.20s
37.453 N 118.608 W
DEPTH = 14.0km
CALIFORNIA-NEVADA BORDER REGION (40)
<BRK>. ML 3.7 (BRK), 3.6 (PAS).

PPK 0.56 93 iPc 08 13.90 -0.5
SVP 0.69 68 iPc 08 16.50 -0.2
LCH 0.80 106 iPc 08 17.90 -0.5
FRI 0.99 243 iPc 08 20.90 -0.7
MNA 1.04 20 iPd 08 22.80 0.2
iS 08 35.50
JAS1 1.51 289 iPc 08 29.60 -0.3
iS 08 48.50
ISA 1.79 176 eP 08 34.90 1.0
eS 08 58.20
SDH 1.99 113 eP 08 36.80 0.0
LLA 2.05 247 eP 08 38.70 1.1
WCN 2.06 334 eP 08 38.00 0.0
PRI 2.11 232 eP 08 38.40 -0.2
SAO 2.37 254 eP 08 43.10 0.9
MHC 2.42 268 eP 08 43.40 0.4
PRS 2.48 244 eP 08 44.30 0.5
BCH 2.56 208 eP 08 45.00 0.0
EUR 2.90 45 iP 08 53.40 3.5
BKS 2.91 279 ePn 08 51.30 1.4
ePb 08 58.00
ePg 09 05.40
eS 09 32.20
PCC 3.00 272 e(P) 08 50.50 -0.6
ORV 3.09 314 ePd 08 52.40 0.0
MIN 3.72 322 eP 09 02.00 0.5
YKA 25.19 4 eP 13 26.20 -3.2
21 obs. associated

31d 20h

DEC 31, 1985 20h 25m 01.62± 0.52s
5.929 N ± 6.6km 73.524 W ± 7.0km
DEPTH = 156.9 ± 6.6 km
4.4mb (1 obs.)
COLOMBIA (103)

BOG	1.40	203	iP	25	31.50	0.1
			iS	25	51.50	
CHN	2.29	245	iP	25	41.00	-0.2
UAV	3.56	41	ePn	25	57.60	0.4
SDV	4.10	44	iPnc	26	04.70	0.4
	0.2s	21.00nm				
UPA	6.69	297	eP	26	37.80	-0.8
CAR	7.96	55	iPd	26	55.50	-0.2
	0.5s	61.97nm			5.4mb	X
ZOBO	22.69	166	P	29	52.00	0.7
	1.0s	15.00nm			4.4mb	
Z	18s	0.21um			3.6Msz	
		LR		46	28.00	
LPB	22.95	167	eP	29	59.00	5.4X
			eLR	47	44.00	
ATB	23.16	113	Pc	29	54.80	-0.4
CNCB	23.25	166	eP	29	58.00	1.3
BDF	33.23	131	e(P)	31	24.50	-1.5
SOB1	35.83	115	eP	31	47.30	-0.8
FRB	57.82	3	eP	34	38.00	-0.4
YKC	63.90	340	eP	35	19.00	-0.5
YKA	63.96	340	eP	35	20.30	0.4
MBC	74.60	350	eP	36	26.00	1.4
WB2	149.54	240	ePKP	44	35.10	5.2X
WRA	149.55	240	PKPd	44	35.00	5.1X
	0.3s	3.40nm				

S.D. = 0.9 on 15 of 18 obs.

DEC 31, 1985 21h 45m 25.00± 0.65s
50.244 N ± 6.3km 12.433 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.6 (GRF).

MOX	0.66	308	ePg	45	38.00	-0.2
			iSg	45	47.00	
GRF	0.96	235	ePg	45	43.40	0.2
			eSg	45	56.90	
CLL	1.13	19	iPg	45	46.20	0.1
			iSg	46	01.20	
BRG	1.15	56	iPg	45	46.50	0.0
			iSg	46	02.00	
KHC	1.34	146	Pg	45	49.50	-0.2
			Sg	46	07.20	
PRU	1.38	100	Pg	45	50.40	0.1
			Sg	46	08.00	

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

DEC 31, 1985 22h 56m 33.10± 1.93s
5.534 N ± 5.7km 126.306 E ± 8.8km
DEPTH = 125.6 ± 19.3 km
4.9mb (12 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

PCI	9.09	225	eP	58	45.00	2.3
			eS	00	09.00	
AAI	9.35	168	ePc	58	43.50	-2.7
			eS	00	17.20	
KHKI	17.45	218	ePc	00	30.00	-0.2
			e	03	44.00	
TRT	18.95	226	iPc	00	45.50	-1.6
	0.6s	32.30nm			4.8mb	
KNA	21.29	173	eP	01	11.00	0.0
KGM	23.20	262	ePc	01	31.50	1.8
IPM	25.20	269	ePc	01	50.00	1.2
SSE	25.88	350	eP	01	55.60	0.7
WRA	26.52	163	Pc	02	03.20	2.3
	0.5s	1.90nm			3.9mb	
PPI	26.55	258	eP	02	01.50	0.4
LOE	26.78	298	eP	02	02.00	-1.2
MBL	27.28	193	eP	02	07.00	-0.7
WHN	27.30	337	eP	02	09.00	1.2
PSI	27.45	265	ePc	02	10.50	1.1
	0.5s	17.90nm			5.0mb	
CHG	29.76	299	eP	02	29.00	-1.1
VAU	29.84	200	eP	02	30.20	-0.4
	0.4s	9.00nm			4.8mb	
ASPA	29.95	166	eP	02	30.00	-1.7
CTA	32.14	143	iPc	02	52.10	1.3
			i	02	58.60	
AN	32.63	333	Pd	02	53.40	-1.6
MEK	32.83	193	eP	02	56.00	-0.8
TIY	34.44	340	Pc	03	10.20	-0.4
BJI	35.54	347	eP	03	19.50	-0.3
MRWA	35.95	195	iPd	03	22.80	-0.5
	0.5s	8.00nm			4.8mb	
LZH	36.75	329	eP	03	31.00	0.8
BAL	37.09	194	eP	03	32.50	-0.4
HHC	37.56	342	iPd	03	37.60	0.7
KLB	37.81	192	eP	03	38.50	-0.4
MUN	38.52	194	eP	03	44.50	-0.4
	0.5s	29.00nm			5.3mb	
MDJ	39.03	4	Pc	03	49.80	0.8
NWAO	39.21	192	eP	03	50.80	0.2
	0.4s	17.00nm			5.2mb	
RKG	40.36	192	eP	04	05.40	5.4X
GTA	41.34	328	Pd	04	07.00	-1.2
BRS	41.54	143	P	04	10.80	0.9
ADE	41.95	165	iPc	04	14.10	1.0
	0.5s	25.35nm			5.2mb	
PKI	44.60	304	iPc	04	34.80	-0.3
	0.6s	8.00nm			4.6mb	
KKN	44.79	304	iPc	04	36.40	0.0
	0.5s	14.00nm			4.9mb	
DMN	44.86	304	iPc	04	37.10	0.0
	0.6s	13.00nm			4.8mb	
CAN	45.91	154	eP	04	46.00	1.2
DZM	47.93	126	iPd	05	01.00	0.0
GBA	48.78	283	P	05	18.00	10.5X
WMQ	51.02	324	eP	05	23.20	-1.1
KJF	88.79	334	eP	09	06.00	-7.7X
SUF	89.76	333	iP	09	17.00	-1.2
	0.3s	0.90nm			4.3mb	
NUR	90.93	331	eP	09	30.00	6.4X

S.D. = 1.2 on 40 of 44 obs.

DEC 31, 1985 23h 36m 35.86± 0.66s
50.230 N ± 6.4km 12.441 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.4 (GRF).

MOX	0.67	309	ePg	36	49.00	-0.2
			iSg	36	57.80	
GRF	0.95	236	ePg	36	54.30	0.3
			eSg	37	06.90	
CLL	1.14	18	iPg	36	57.20	0.0
			iSg	37	12.10	
BRG	1.16	56	iPg	36	57.50	0.0
			iSg	37	13.50	
KHC	1.33	146	ePg	37	00.00	-0.3
			Sg	37	17.00	
PRU	1.37	99	ePg	37	01.30	0.3
			Sg	37	18.50	

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

DEC 31, 1985 23h 48m 14.55± 0.58s
42.355 N ± 5.5km 19.879 E ± 5.1km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 3.0 (TTG).

PVY	0.25	16	iPgc	48	19.70	-0.2
			eSg	48	24.80	
TTG	0.46	279	ePg	48	23.50	-0.5
			eSg	48	32.50	
IVA	0.52	2	ePg	48	25.00	0.0
			eSg	48	35.00	
HCY	1.03	276	ePg	48	34.40	0.4
			eSg	48	52.00	
PLE	1.04	340	ePg	48	34.50	0.3
			eSg	48	51.80	
SKO	1.22	108	iPn	48	36.80	-0.5
			iSn	48	54.50	
OMR	1.42	151	iPn	48	40.10	-0.4
			iSn	48	59.40	
VAY	2.26	116	iPn	48	53.40	0.9

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

? DEC 31, 1985 23h 54m 31.49± 6.23s
14.303 N ±19.5km 60.173 W ±50.5km
DEPTH = 33.0km (normal)
WINDWARD ISLANDS (95)
ML 3.8 (MGG).

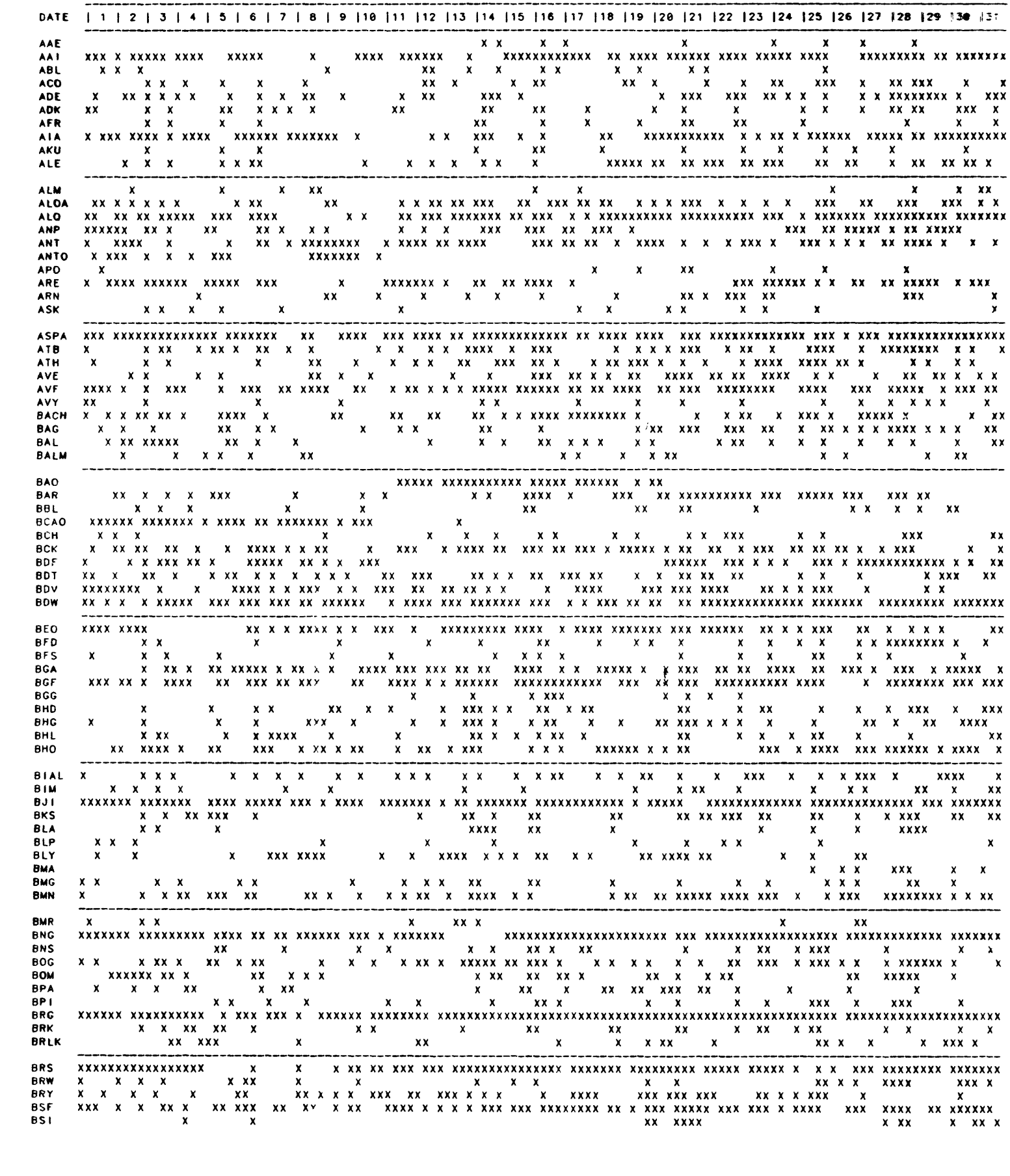
MVM	0.74	290	eP	54	45.56	0.0
			S	55	05.20	
SLW	0.79	249	eP	54	46.07	-0.2
CRM	0.85	302	eP	54	46.43	-0.6
			S	55	06.70	
BIM	0.90	284	eP	54	48.18	0.4
			S	55	09.20	
FDF	1.04	294	eP	54	49.58	-0.2
			S	55	12.10	
MGG	1.95	326	eP	55	03.00	0.1
			S	55	36.00	

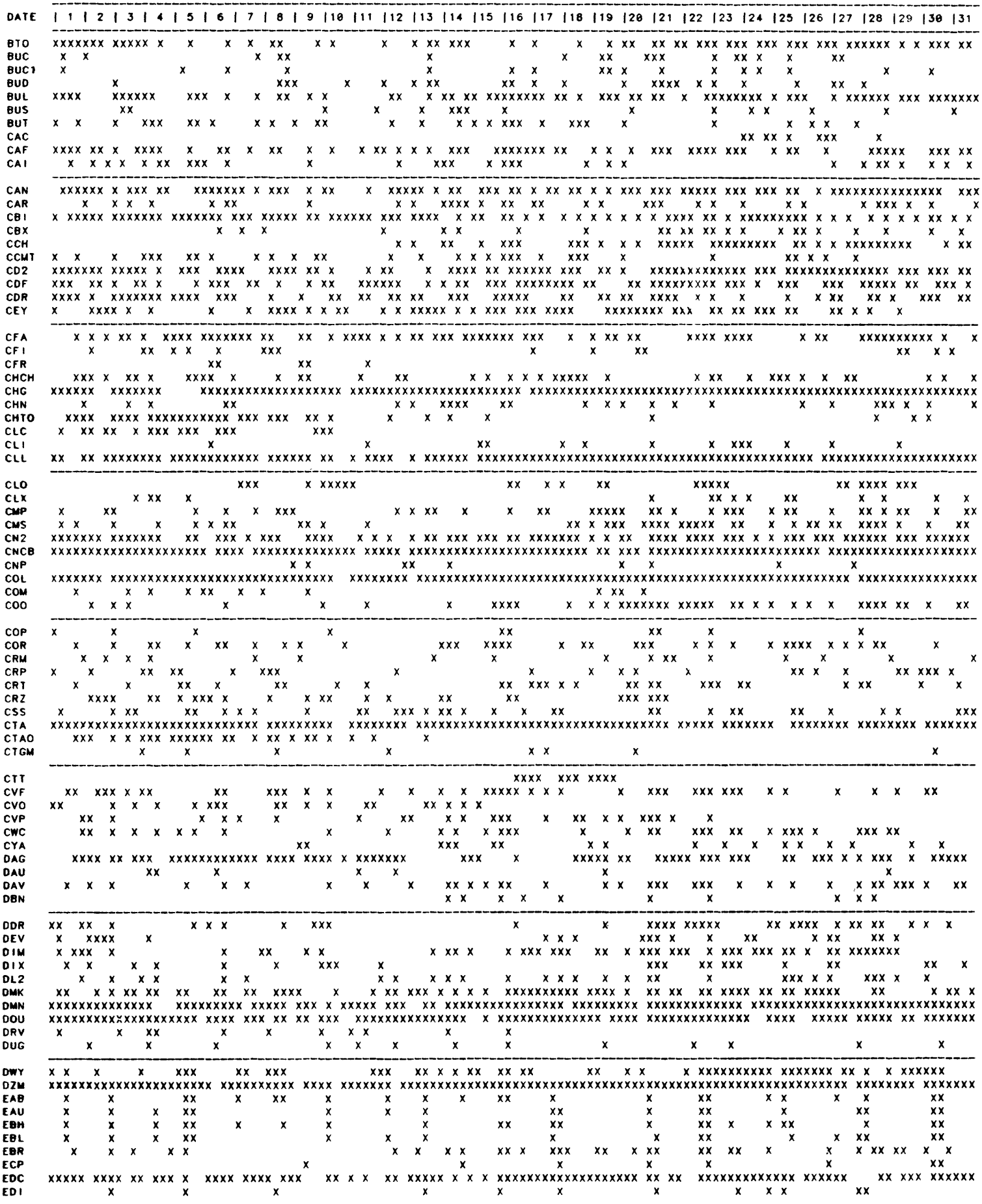
S.D. = 0.4 on 6 of 6 obs.

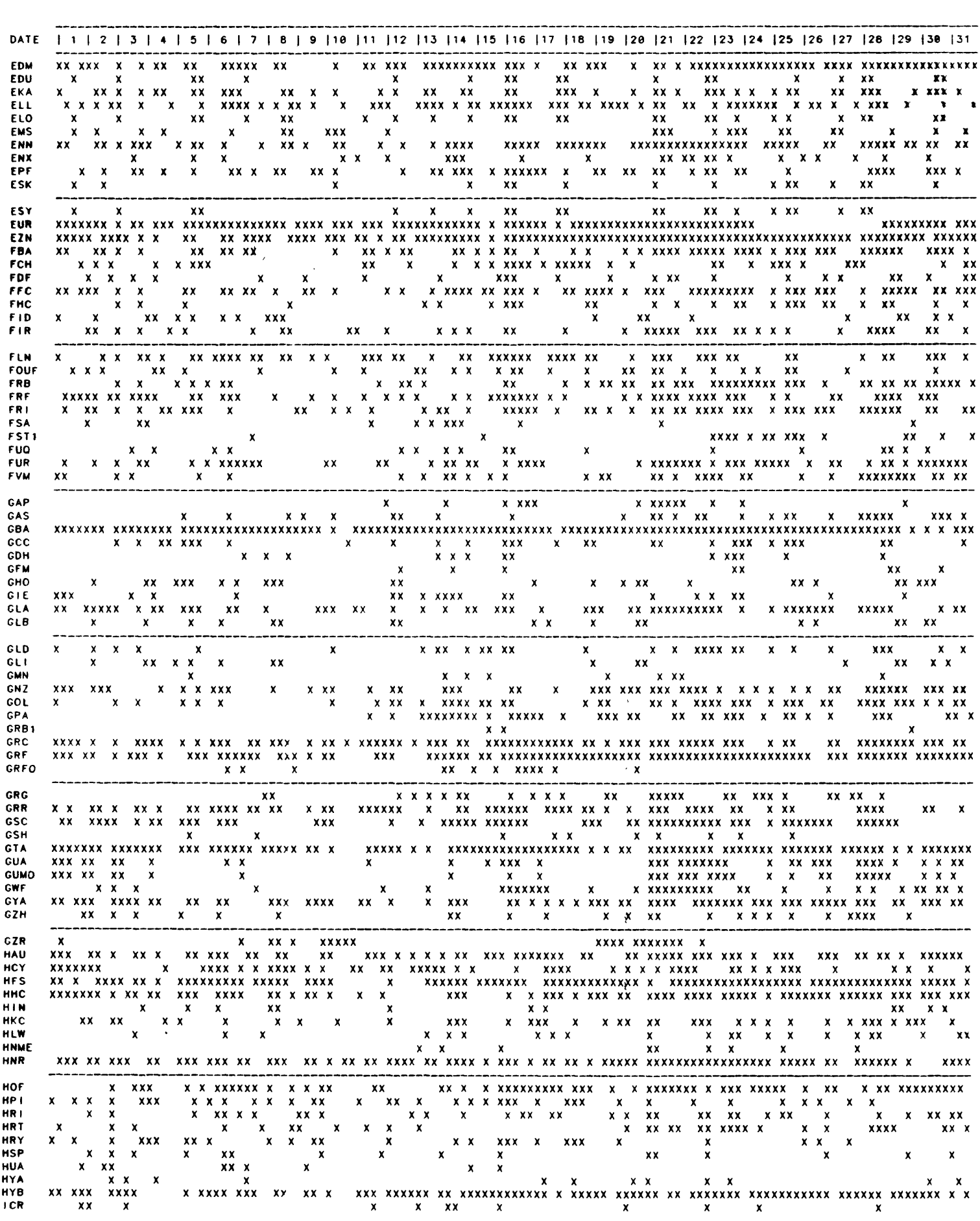
STATION DATA REPORT FOR DECEMBER, 1985

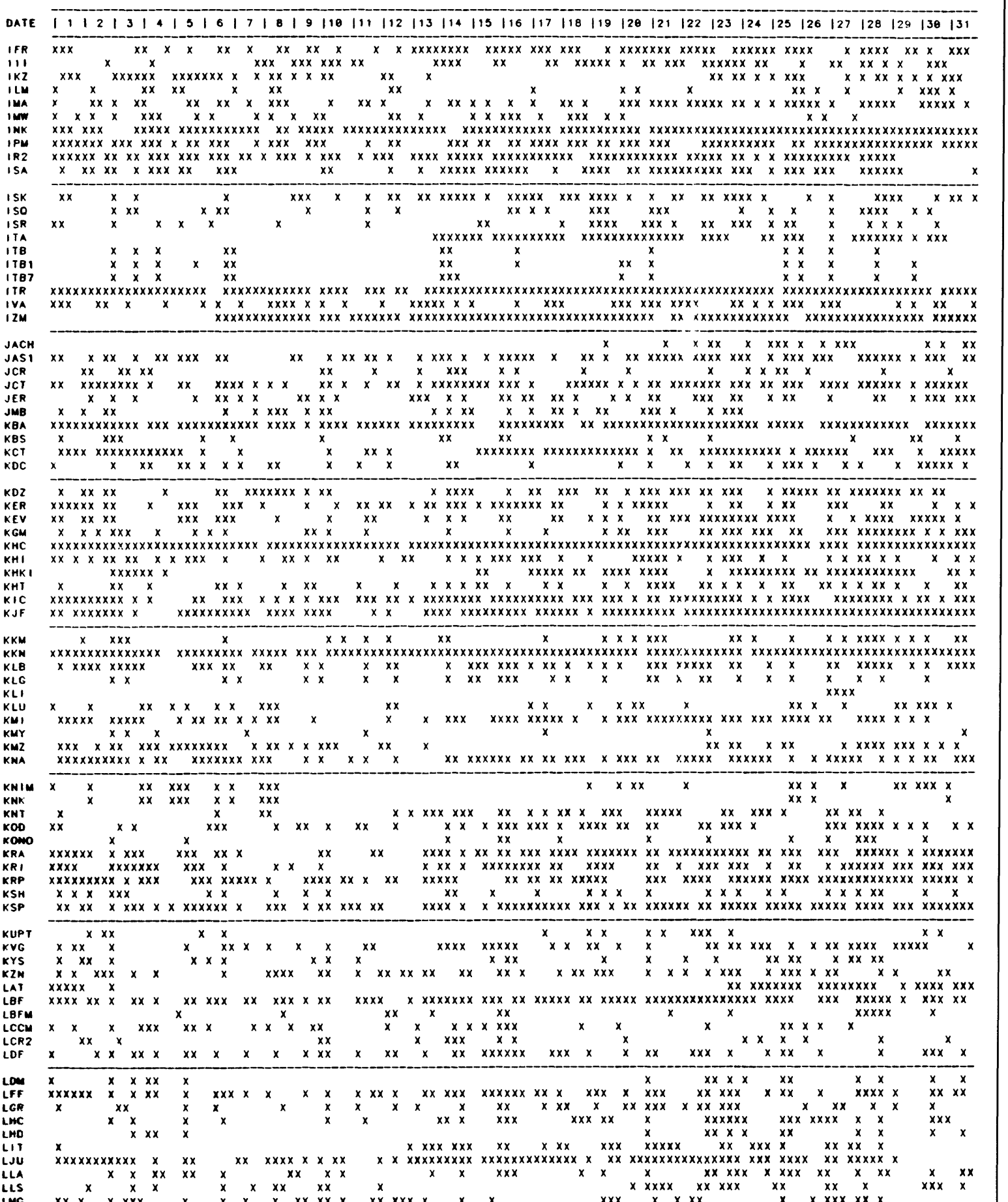
1056 stations reported 62279 reoding arrivol groups

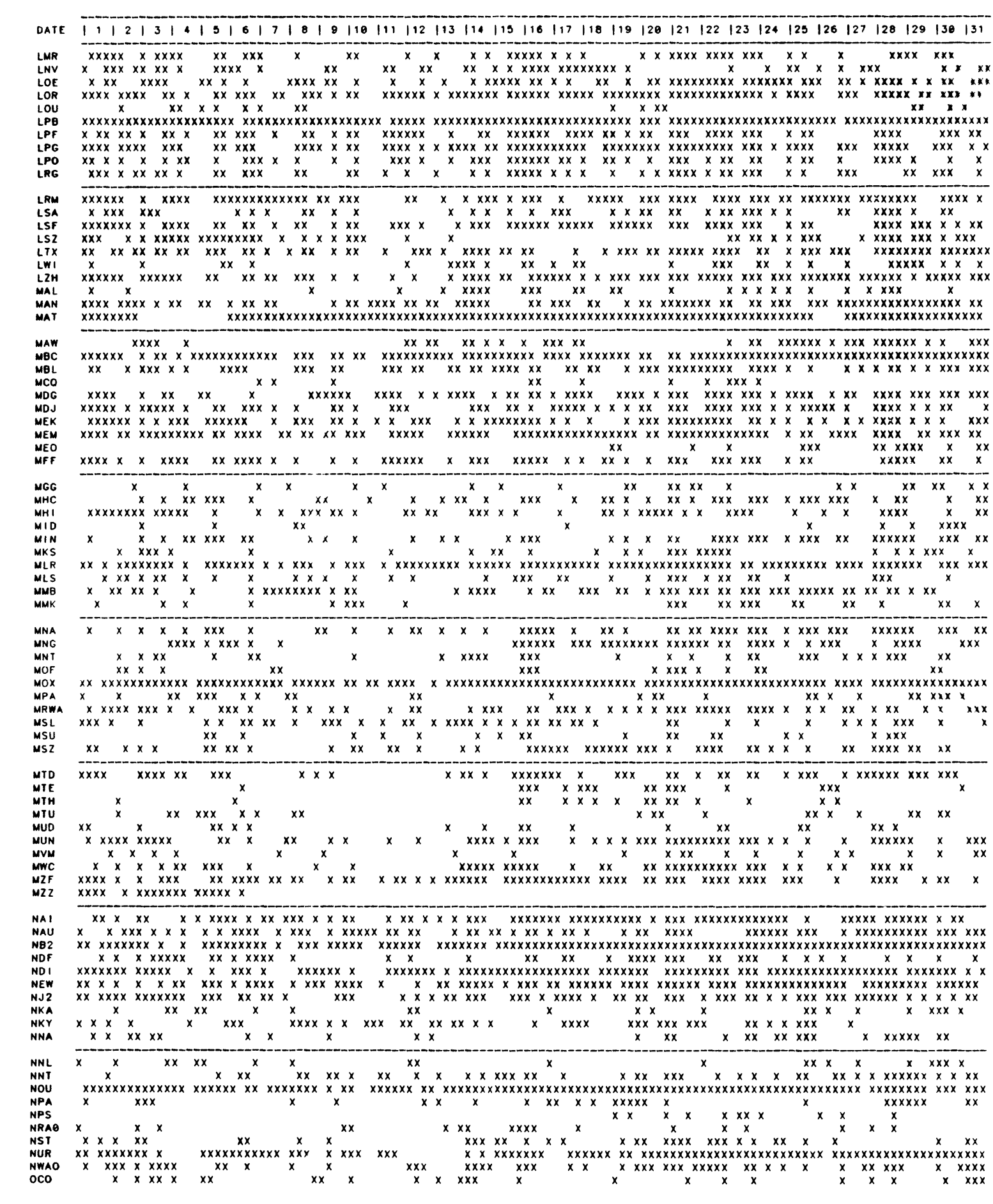
X = dota received for this 6-hour time period

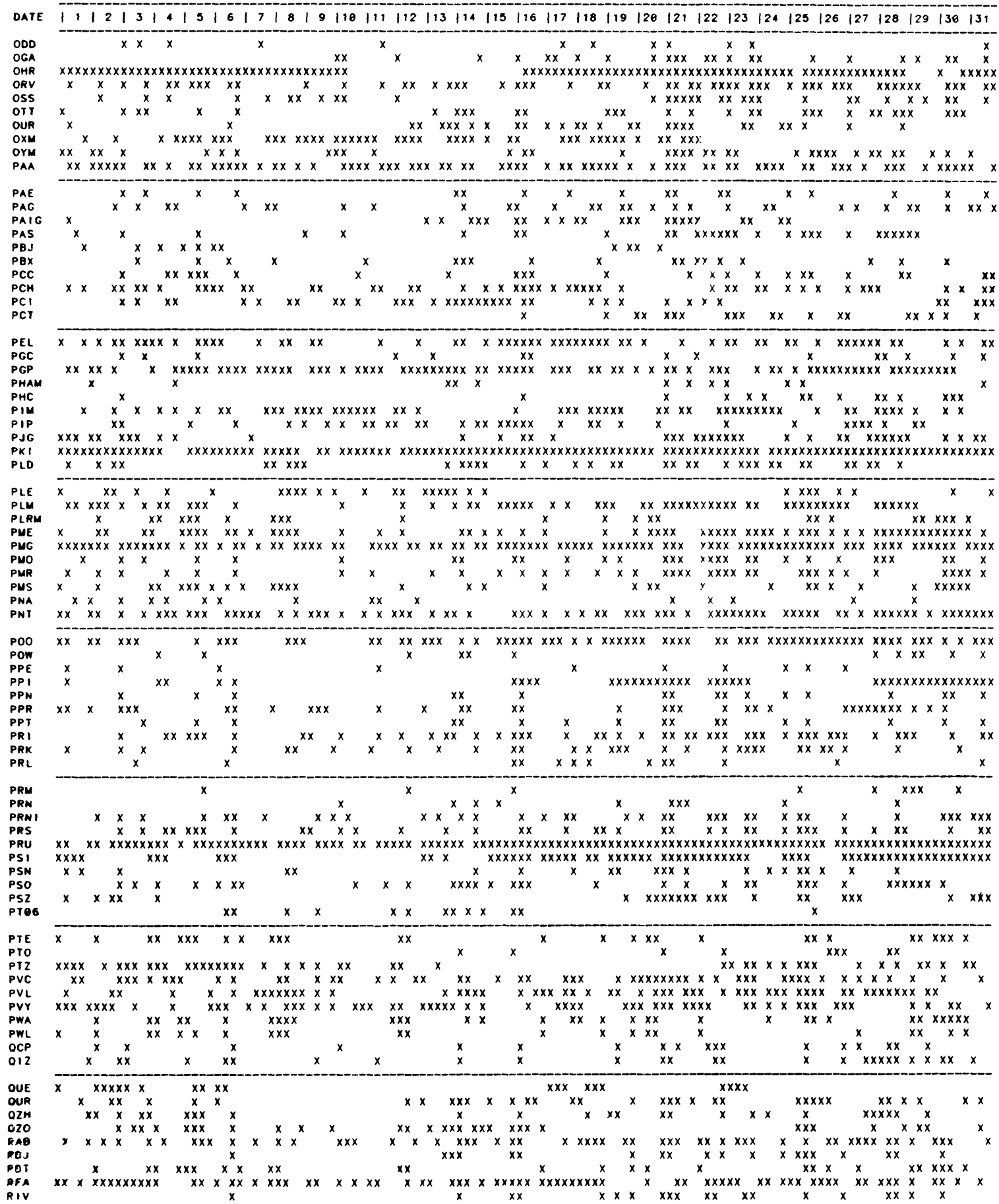



DATE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31
BTO
BUC
BUC1
BUD
BUL
BUS
BUT
CAC
CAF
CAI
CAN
CAR
CBI
CBX
CCH
CCMT
CD2
CDF
CDR
CEY
CFA
CFI
CFR
CHCH
CHG
CHN
CHTO
CLC
CLI
CLL
CLO
CLX
CMP
CMS
CN2
CNCB
CNP
COL
COM
COO
COP
COR
CRM
CRP
CRT
CRZ
CSS
CTA
CTAO
CTGM
CTT
CVF
CVO
CVP
CWC
CYA
DAG
DAU
DAV
DBN
DDR
DEV
DIM
DIX
DL2
DMK
DMN
DOU
DRV
DUG
DWY
DZM
EAB
EAU
EBH
EBL
EBR
ECP
EDC
EDI


DATE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31
EDM
EDU
EKA
ELL
ELO
EMS
ENN
ENX
EPF
ESK
ESY
EUR
EZN
FBA
FCH
FDF
FFC
FHC
FID
FIR
FLN
FOUF
FRB
FRF
FRI
FSA
FST1
FUQ
FUR
FVM
GAP
GAS
GBA
GCC
GDH
GFM
GHO
GIE
GLA
GLB
GLD
GLI
GMN
GNZ
GOL
GPA
GRB1
GRC
GRF
GRFO
GRG
GRR
GSC
GSH
GTA
GUA
GUMO
GWF
GYA
GZH
GZR
HAU
HCY
HFS
HHC
HIN
HKC
HLW
HNME
HNR
HOF
HPI
HRI
HRT
HRY
HSP
HUA
HYA
HYB
ICR


DATE
1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
IFR
III
IKZ
ILM
IMA
IMW
INK
IPM
IR2
ISA
ISK
ISO
ISR
ITA
ITB
ITB1
ITB7
ITR
IVA
IZM
JACH
JAS1
JCR
JCT
JER
JMB
KBA
KBS
KCT
KDC
KDZ
KER
KEV
KGM
KHC
KHI
KHKI
KHT
KIC
KJF
KKM
KKN
KLB
KLG
KLI
KLU
KMI
KMY
KMZ
KNA
KNIM
KNK
KNT
KOD
KONO
KRA
KRI
KRP
KSH
KSP
KUPT
KVG
KYS
KZN
LAT
LBF
LBFM
LCCM
LCR2
LDF
LDM
LFF
LGR
LHC
LHD
LIT
LJU
LLA
LLS
LMG


DATE
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
LMR LNV LOE LOR LOU LPB LPF LPG LPO LRG
LRM LSA LSF LSZ LTX LWI LZH MAL MAN MAT
MAW MBC MBL MCO MDG MDJ MEK MEM MEO MFF
MGG MHC MHI MID MIN MKS MLR MLS MMB MMK
MNA MNG MNT MOF MOX MPA MRWA MSL MSU MSZ
MTD MTE MTH MTU MUD MUN MVM MWC MZF MZZ
NAI NAU NB2 NDF NDI NEW NJ2 NKA NKY NNA
NNL NNT NOU NPA NPS NRA0 NST NUR NWAO OCO


DATE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31
ODD
OGA
OHR
ORV
OSS
OTT
OUR
OXM
OYM
PAA
PAE
PAG
PAIG
PAS
PBJ
PBX
PCC
PCH
PCI
PCT
PEL
PGC
PGP
PHAM
PHC
PIM
PIP
PJG
PKI
PLD
PLE
PLM
PLRM
PME
PMG
PMO
PMR
PMS
PNA
PNT
POO
POW
PPE
PPI
PPN
PPR
PPT
PRI
PRK
PRL
PRM
PRN
PRNI
PRS
PRU
PSI
PSN
PSO
PSZ
PT06
PTE
PTO
PTZ
PVC
PVL
PVY
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QUE
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QZH
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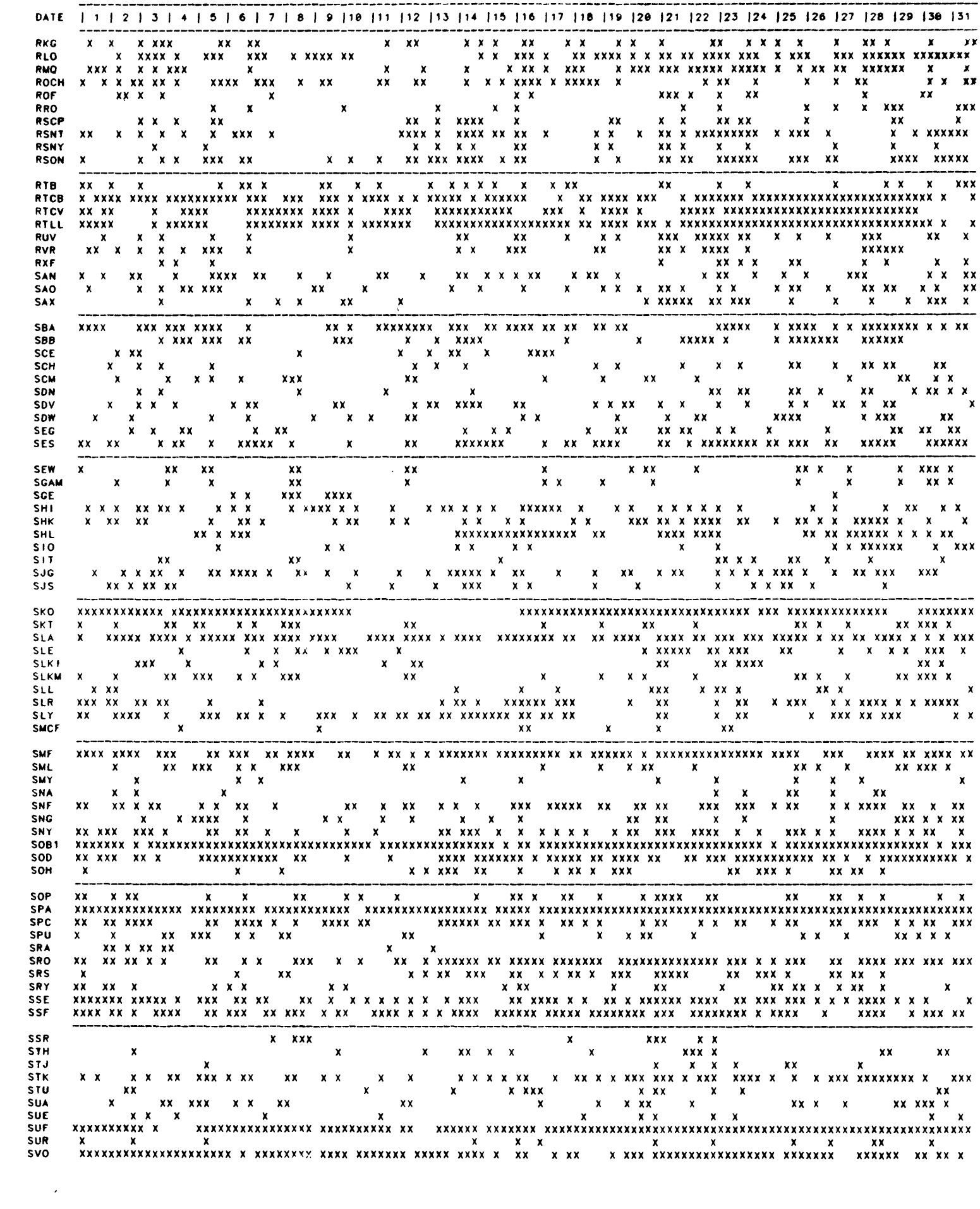
RBJ
RDT
RFA
RIV
RJF


DATE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31
RKG
RLO
RMQ
ROCH
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RSCP
RSNT
RSNY
RSON
RTB
RTCB
RTCV
RTLL
RUV
RVR
RXF
SAN
SAO
SAX
SBA
SBB
SCE
SCH
SCM
SDN
SDV
SDW
SEG
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SEW
SGAM
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SMCF
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SML
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SNA
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SNY
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SOD
SOH
SOP
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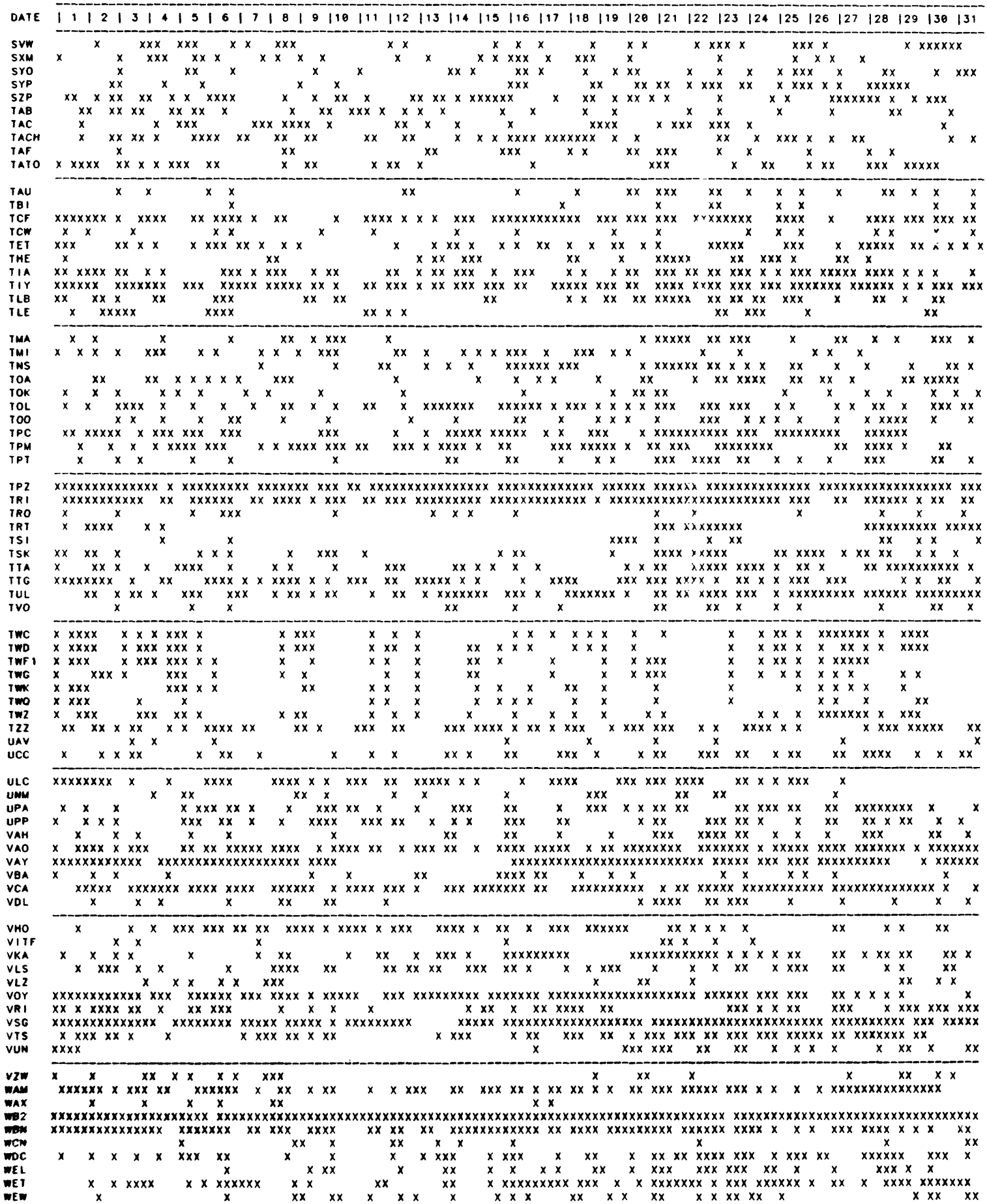
DATE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31
SVW
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TAU
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TCF
TCW
TET
THE
TIA
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TLB
TLE
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TPC
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ULC
UNM
UPA
UPP
VAH
VAO
VAY
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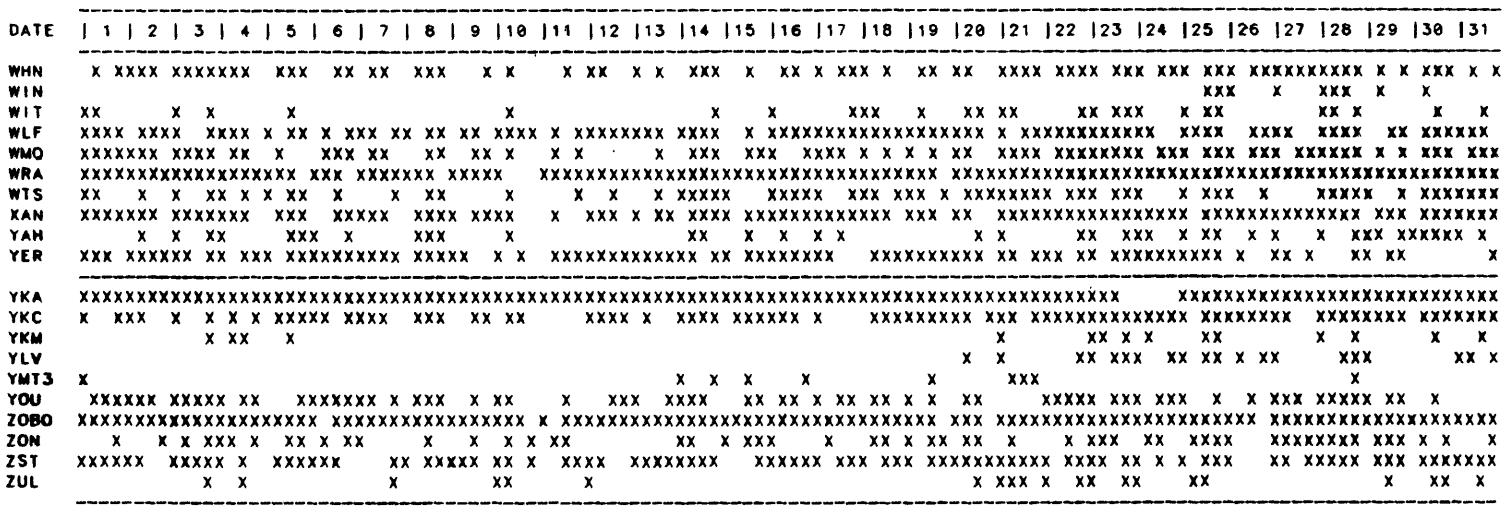

The following stations each reported less than 10 readings:

AAS	ABA	ABJ	ACR	ADI	AFC	AFI	AHA	AIK	AIN	AJI	AKI	ALI	ALR	ANM	AOM	APR	AR6
ARO	ASA	ASJ	ASW	ASZ	ATA	ATE	AWH	BAA	BBS	BER	BFW	BGH	BING	BIR	BKB2	BNH	BOH
BRD	BTG	BUH	CAO	CDM	CEI	CGLM	CHO	CIS	CIZ	CKI	CLN4	CNPM	COI	COZ	CPH	CPK	CR3
CR4	CR5	CRI	CSJ	CSN	CTI	CUM	CVL	CWF	DAF	DAH	DES	DLA	DMV	DOC	ECB	ECK	EHOR
ELC	ELF	ENIJ	EPA	EPLA	ESCF	ESR	ETA	EVA	EVAL	FAR	FEL	FGO	FKJ	FKK	FKS	FMT	FUK
FUL	GBR	GCG	GCM	GIF	GMTN	GMW	GRB5	GRC1	GRW	GUD	GVI	GVN	HAC	HAK	HAY	HBF	HBH
HBZ	HCG	HIK	HIL	HIM	HIR	HJJ	HLK	HLP	HMD	HMH	HMM	HMT	HON	HPU	HTC	HTL	HUH
HUL	IID	IKP	INY	IRZ2	ISI	ISN	ISSF	ITG	IXG	IZU	JAT	JAU	JAY	JCK	JOZ	JSC	JUD
KAE	KAG	KAI	KAIM	KBN	KFH	KHU	KIH	KKG	KKU	KKZ	KLL	KLM	KMG	KMJ	KMR	KNH	KOB
KOC	KOE	KOF	KOH	KPO	KRO	KSI	KSR	KSU	KUH	KUM	KUS	KYL	KYO	KZM	LCH	LDN	LGN
LHS	LIS	LON	LPM	LSM	MADF	MAJO	MBO	MBU	MCA	MCD	MCO	MCP	MCW	MCY	MDN	MDV	MFT
MFW	MGH	MGI	MGM	MGP	MIM	MIS	MIT	MIY	MKA	MKT	MLH	MLM	MLX	MNDI	MNI	MOA	MOI
MOM	MRK	MRL	MRR	MRT	MSR	MTP	MTS	MTY	MVH	MVI	MWH	MYK	MYZ	NA2	NAG	NAH	NAV
NDE	NEM	NEV	NEZ	NGH	NGN	NGO	NGS	NMS	NOB	NOH	NOP	NPH	NUE	NWRM	NZJ	OBI	OBO
ODB	OFD	OFU	OGE	OIT	OLY	ONA	OPA	OSA	OSH	OSK	OUT	OZC	PBF	PCO	PEC	PGE	PIO
PKL	PLDF	PLH	PLL	PLV	POA	PPK	PPL	PRIN	PT01	PT02	PT03	PTCR	PUE	PUH	PUR	PV01	PV02
PV03	PV04	PV05	PV08	PV09	PV10	PWH	PWLA	PYM	OPS	RAR	REC	REX	REY	RIM	RKT	RMJ	RMN
RMU	ROG	RW1	RW2	RW4	RW5	RW6	SAG	SAI	SAL	SAP	SDA	SDH	SEK	SEN	SFG	SFS	SGH
SGS	SHJ	SHN	SHW	SHZ	SKI	SKLY	SLB	SLP	SLW	SNH	SPRG	SPT	SRE	SRN	SSN	SSS	STB
STS	SUT	SVA	SVB	SVP	SWH	SWZ	TAJ	TAT	TBR	TCE	TCN	TDD	TEN	TER	THI	TIR	TKL
TKM	TKS	TLX	TMBR	TMO	TOT	TOV	TRH	TRN	TSU	TUA	TWM1	TYK	UNZ	URA	UTO	UTS	UWE
VAL	VLG	VPS2	VVO	WAH	WAJ	WAK	WHA	WIH	WIZ	WKH	WKY	WOB	WOH	WRG	WTZ	XDE	YAM
YMT5	YOK	YSS	ZAG	ZSP													