UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

EARTHQUAKE DATA REPORT
February 1985

NATIONAL EARTHQUAKE INFORMATION CENTER

Open File Report
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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 = 10 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 ERDA 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.

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FEB 01, 1985  00h 47m 16.35± 0.12s
 17.712 S ± 4.3km  174.371 W ± 3.0km
 DEPTH = 118.0km  ( 30 depth phases)
 5.7mb ( 44 obs.)
TONGA ISLANDS                    (173)
     CENTROID, MOMENT TENSOR     (HRV)
     Data Used: GDSN
     L.P.B.: 12S, 28C
     Centroid Location:
     Origin Time        00:47:24.5 0.3
     Lat 17.67S 0.03 Lon 174.01W 0.03
     Dep 127.3 1.0 Half-duration  3.0
     Moment Tensor; Scale 10**24 D-CM
       Mrr=-1.70 0.11  Mtt= 0.62 0.18
       Mff= 1.08 0.18  Mrt=-1.31 0.10
       Mrf=-5.68 0.11  Mtf= 0.90 0.18
      Principal Axes:
       T  Val=  5.97  Plg=37  Azm=110
       N        0.23      6        15
       P       -6.20     52       277
     Best Double Couple:Mo=6.1*10**24
      NP1:Strike=235 Dip=10 Slip= -50
      NP2:       14      82       -96

NUE      4.43 109 iP    48 19.60  -3.0X
                  S     49 04.00
AFI      4.53  34 iPd   48 16.00  -8.1X
                  S     49 00.00
VUN      6.83 266 eP    49 01.50   6.0X
         1.1s   799.00nm        6.1mb
                  eS    50 29.00
RAO     11.94 195 P     50 02.00  -1.8
                  S     52 13.00
RAR     14.20 107 P     50 30.50  -2.8
                  S     53 02.00
PVC     16.50 267 iPd   51 06.70   4.5X
NOU     18.59 253 iPd   51 27.10   0.0
CRZ     20.28 212 eP    51 45.00   0.4
KOU     20.37 259 iPc   51 45.30  -0.3
GNZ     21.89 196 P     52 03.00   2.3
                  S     55 51.00
KRP     22.00 202 P     52 04.00   2.3
                  (sP)  52 47.60
                  S     56 02.00
PAE     23.62  94 iP    52 17.50  -0.1
         1.4s   355.00nm        5.6mb
PPT     23.63  93 iP    52 17.50  -0.3
         1.4s   570.00nm        5.8mb
PPN     23.77  93 iP    52 18.80  -0.3
         1.4s   305.00nm        5.6mb
TBI     23.98 108 iP    52 21.70   0.6
         1.3s  1385.00nm        6.3mb
MNG     24.45 199 P     52 23.60  -1.9
                  eS    56 44.00
PMO     25.54  88 iP    52 34.90  -0.9
         1.4s   285.00nm        5.6mb
VAH     25.75  88 iP    52 36.70  -1.0
         1.4s   570.00nm        5.9mb
TPT     25.80  88 iP    52 37.30  -0.9
         1.4s   855.00nm        6.1mb
RUV     26.00  88 iP    52 38.80  -1.2
         1.4s   855.00nm        6.1mb
SVO     26.48 285 P     52 46.00   1.5
VSG     26.54 285 P     52 47.00   2.0
COO     33.21 241 iPc   53 44.10   0.0
         0.6s    61.00nm        5.6mb
CAN     36.91 234 iPd   54 15.10  -0.3
YOU     37.08 236 iPd   54 16.60  -0.2
RKT     37.23 105 iP    54 19.00   0.8
         1.4s   295.00nm        6.0mb
CTA     37.27 260 iPd~  54 17.60  -1.0
         1.2s   208.59nm        5.9mb
                  iS    57 32.00
WAM     37.29 233 iPd   54 18.40  -0.1
PMG     38.24 277 iPd   54 26.50  -0.2
         1.0s   180.00nm        5.9mb
CMS     38.48 241 iPd   54 28.00  -0.6
         0.6s   146.00nm        6.0mb
LAT     39.24 281 eP    54 35.50   0.4
TOO     40.31 232 iPd   54 42.60  -1.0
         0.6s    48.00nm        5.5mb
MOM     40.62 288 eP    54 46.50   0.1
MDG     40.87 283 eP    54 49.00   0.6
TAU     41.00 224 iPc   54 48.90  -0.3
STK     42.11 242 iPd   54 59.20   0.8
         0.5s    83.00nm        5.7mb
BFD     42.44 234 eP    55 01.00  -0.1
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ADE     44.99 238 iPd   55 20.90  -0.8
         0.5s   126.76nm        5.9mb
WB2     48.43 259 eP    55 46.30  -2.5
WRA     48.44 259 Pc    55 47.90  -1.0
         1.2s   206.10nm        5.8mb
ASPA    48.55 254 iPd   55 48.00  -1.7
MTN     52.65 267 eP    56 19.00  -1.8
KNA     54.32 263 iPc   56 31.80  -1.3
WBN     55.03 250 iPd   56 36.90  -1.3
MBL     61.75 255 iPd   57 23.50  -1.4
         0.5s   108.00nm        6.1mb
MEK     62.16 249 iPd   57 25.90  -1.7
KLB     62.35 243 iPd   57 27.40  -1.4
NWAO    62.69 242 iPd   57 30.10  -0.9
RKG     62.80 240 eP    57 31.00  -0.7
BAL     63.34 244 iPd   57 34.00  -1.3
MUN     63.63 243 iPd   57 36.20  -1.0
         0.6s   146.00nm        6.1mb
MRWA    64.10 246 iPd   57 39.20  -1.1
         0.6s    15.00nm        5.1mb
DAV     64.20 287 eP    57 38.00  -3.1X
NAU     65.49 253 iPd   57 49.20  -0.1
CGP     65.55 288 iPc   57 59.20   9.5X
         1.5s   561.90nm        6.3mb
MKS     65.73 272 e(P)  57 33.00 -18.0X
DDR     69.16 321 eP    58 11.00  -1.1
ADK     69.33 358 P     58 10.50  -2.1
PGP     70.95 292 eP    58 23.00  -0.2
SPA     72.40 180 iPd   58 33.00   1.7
         0.7s   152.34nm        5.9mb
KKM     72.44 282 ePd   58 32.20  -0.1
         0.7s    75.90nm        5.6mb
BAG     72.48 294 eP    58 31.00  -1.6
         1.3s   384.62nm        6.0mb
                  e     01 11.00
MHC     73.89  41 eP    58 40.20  -0.1
PAS     74.29  46 eP    58 45.00   2.5
                  e     59 13.00 110km
MWC     74.41  46 eP    58 43.00  -0.5
                  e     59 13.00 119km
BAR     74.51  48 eP    58 43.00  -0.9
                  e     59 14.00 123km
RVR     74.75  46 eP    58 45.00  -0.2
                  e     59 15.00 119km
PLM     74.75  47 eP    58 45.00  -0.4
                  e     59 15.00 119km
SBB     74.83  45 eP    58 46.00   0.3
                  e     59 16.00 119km
FRI     74.91  43 eP    58 45.60  -0.4
                  e     59 15.40 118km
ISA     74.95  44 eP    58 46.00  -0.4
                  e     59 14.00 109km
JAS1    75.02  41 iPd   58 46.30  -0.4
                  i     59 16.30 118km
ORV     75.34  40 eP    58 47.90  -0.6
WDC     75.36  38 eP    58 48.20  -0.3
                  e     59 16.80 112km
TATO    75.50 302 eP    58 49.00  -0.6
VPEM    75.55  44 P     58 50.00   0.1
CLC     75.62  45 eP    58 49.00  -1.2
                  e     59 20.00 123km
CWC     75.66  44 eP    58 50.00  -0.5
                  e     59 20.00 118km
TPC     75.73  47 eP    58 50.00  -0.8
                  e     59 21.00 123km
GSC     75.87  45 eP    58 51.00  -0.6
                  e     59 21.00 118km
GLA     76.02  48 eP    58 53.00   0.5
                  e     59 23.00 118km
MNA     76.76  42 iPd   58 56.60   0.0
                  e     59 26.70 118km
OZH     77.83 301 Pd    59 03.00   0.4
                  sP    59 44.00
BMN     78.50  41 iP    59 06.00  -0.2
         1.1s    51.95nm        5.2mb
                  i     59 36.00 118km
SSE     78.62 308 P-    59 06.00  -0.8
         2.0s   150.00nm        5.4mb
     Z   40s      1.80um        5.1MszX
     E   40s      1.20um
                  sP    59 48.00 310kmX
                  i     00 18.00
                  iS    09 12.00
                  sS    10 02.00
                  PS    10 18.00
EUR     78.75  42 iP    59 07.00  -0.7
         0.3s    24.42nm        5.5mb
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PHC     79.60  28 eP    59 11.00  -0.6
MDJ     80.29 323 eP    59 15.00  -0.5
RMU     80.80  46 iP    59 19.00   0.4
                  e     59 49.00 117km
NJ2     80.82 308 Pd    59 19.00   0.5
GZH     81.42 297 Pd    59 23.50   1.7
                  pP    59 55.50 126km
PMR     81.56  12 P     59 20.60  -1.1
TTA     81.66   8 P     59 22.00  -0.3
CN2     82.26 321 iPd   59 25.80   0.0
                  sP    01 07.00
                  PS    10 24.00
SNY     82.36 318 iP    59 26.80   0.5
PNT     82.45  33 eP    59 26.00  -0.7
         0.8s    45.00nm        5.4mb
                  pP    00 00.00 134kmX
TPM     82.47  67 iPd   59 29.00   1.4
LTX     82.67  56 iP    59 29.90   1.6
                  i     00 00.00 117km
QIZ     82.91 292 P     59 31.60   2.0
MOT     82.97  55 eP    59 30.00   0.0
ALQ     82.99  50 eP    59 30.30   0.3
         1.2s    54.69nm        5.3mb
                  epP   00 01.00 119km
NEW     83.13  34 eP    59 29.00  -1.2
KGM     83.29 274 ePc   59 30.30  -1.4
WHN     83.62 305 eP    59 35.00   2.0
TIA     83.99 311 Pd    59 35.30   0.5
                  sP    00 16.00
                  S     09 46.00
LRM     84.40  38 eP    59 36.70  -0.2
BDW     84.60  42 iP    59 37.50  -0.5
         0.9s    47.86nm        5.4mb
                  i     00 08.80 121km
COL     84.83  11 iPd   59 37.50  -0.8
         0.8s   164.18nm        6.0mb
                  e     00 08.00 118km
FBA     84.83  11 P     59 37.40  -0.9
                  pP    00 07.50 116km
PPI     85.32 271 eP    59 42.20   0.3
GOL     85.92  46 P     59 44.70   0.0
GLD     86.04  46 iP    59 46.00   0.8
         1.0s    24.00nm        5.1mb
                  e     00 17.00 120km
IPM     86.25 276 ePd   59 47.80   1.3
         0.9s   114.80nm        5.8mb
                  e     00 22.20 134kmX
BJI     86.38 314 eP    59 47.00   0.5
                  esP   00 22.00
                  eSKS  10 02.00
                  eS    10 16.00
                  esS   11 00.00
SES     87.62  35 iPc   59 51.60  -0.7
                  pP    00 23.00 121km
PSI     87.67 274 iPd   59 53.90   0.6
         1.0s   155.30nm        6.0mb
EDM     87.93  32 iPd   59 53.00  -0.8
                  pP    00 24.00 119km
TIY     88.03 311 iPd   59 55.50   0.9
GYA     88.31 298 P     59 57.60   1.3
RSSD    88.78  43 P     59 57.80  -0.5
         0.9s    28.36nm        5.3mb
XAN     89.23 306 Pd    00 00.00  -0.4
HHC     89.91 313 Pd    00 05.00   1.5
                  SKS   10 23.00
OCO     89.92  53 e(P)  00 05.50   2.0
NNT     89.94 283 eP    00 05.70   1.8
LNV     90.55 126 iPc   00 09.30   2.8X
INK     90.72  14 eP    00 05.60  -0.8
                  pP    00 36.00 116km
BTO     90.90 312 iPd   00 09.00   1.0
TACH    91.03 126 ePc   00 11.60   2.8
KMI     91.19 296 Pd    00 11.50   1.7
                  pP    00 46.00 134kmX
                  SKS   10 16.00
                  S     11 02.00
                  sS    11 51.00
TUL     91.34  53 eP    00 08.60  -1.4
         1.4s    39.80nm        5.4mb
PCH     91.37 126 iPc   00 13.50   3.2X
PEL     91.41 125 iPc   00 13.00   2.4
                  i     00 40.70 104kmX
BHO     91.51  54 eP    00 11.00   0.2
         1.2s    28.70nm        5.4mb
JACH    91.66 125 eP    00 14.30   2.5
RLO     92.01  53 eP    00 12.30  -0.8
BDT     92.03 287 iPd   00 13.00  -0.5
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01d 01h

	0.8s	137.50nm			6.3mb		UCC	146.98	1	PKPc	06	44.80	0.6		AVF	150.94	3	ePKP	06	50.60	0.1	
CD2	92.22	302	eP	00	15.90	1.6				e	06	46.60			SMF	151.11	3	ePKP	06	50.90	0.1	
TLL	92.43	123	iP	00	17.00	1.3				e	07	19.60			VDL	151.13	354	ePKP+	06	51.60	0.5	
RSNT	92.57	24	e(P)	00	14.20	-0.9	JOS	146.98	342	ePKP	06	45.30	1.0		BGF	151.14	4	ePKP	06	51.40	0.5	
	1.2s	11.03nm			5.0mb		PRU	147.01	349	iPKPd	06	46.70	2.3X		TRI	151.27	348	ePKP	06	51.00	0.0	
		e	00	44.00	113km			1.5s	189.70nm									i	06	57.00			
YKA	92.58	24	eP	00	15.30	0.2				e	07	20.10						i	07	31.00			
YKC	92.62	24	ePd	00	14.50	-0.8	ENN	147.02	360	iPKPd	06	46.70	2.4X		CTI	151.31	351	ePKP	06	51.00	-0.3	
	1.4s	33.00nm			5.4mb			1.1s	203.00nm						TCF	151.36	5	ePKP	06	51.40	0.2	
LZH	93.84	307	iPd	00	23.00	1.2				ic	07	20.00			ELL	151.40	316	iPKP	06	52.70	1.0	
	2.0s	113.00nm			5.9mb		HOF	147.09	353	iPKPc	06	44.70	0.2		MZF	151.47	4	ePKP	06	51.80	0.4	
		PP	04	07.00						i	06	46.80			MMB	151.59	331	ePKP	06	51.00	-0.8	
FFC	94.53	34	eP	00	23.00	-1.3	MEM	147.18	360	PKPd	06	47.00	2.5X		DIX	151.67	357	ePKP+	06	53.30	1.3	
	1.6s	24.00nm			5.3mb					e	07	20.20			MMK	151.68	357	ePKP+	06	53.00	1.0	
FVW	96.08	52	iP	00	32.00	0.3	TNS	147.49	357	iPKPd	06	48.20	3.0X		SAL	151.89	353	ePKP	06	51.00	-1.0	
	0.9s	8.47nm			5.2mb		ISR	147.54	332	ePKP	06	48.00	2.6X		ORO	152.10	356	ePKP	06	55.20	2.7X	
		e	01	03.00	118km		MSR	147.57	335	ePKP	06	48.00	2.6X		RJF	152.28	6	ePKP	06	52.80	0.2	
GTA	97.89	309	eP	00	40.50	0.5	DOU	147.68	1	PKPd	06	48.30	2.9X		SKO	152.30	334	iPKP	06	52.00	-0.7	
		PP	04	35.50						e	07	21.00						i	06	59.20		
MBC	99.37	11	eP	00	45.00	-0.8	GRF	147.78	353	ePKP	06	46.00	0.4					i	07	09.20		
LPB	99.83	111	(P)	00	54.00	4.3X				id	06	49.20			VAY	152.34	332	ePKP	06	59.00	6.2X	
		e	04	57.00			KHC	148.00	350	iPKP	06	45.50	-0.5					i	07	10.00		
		LR	33	55.00				1.0s	103.50nm						LFF	152.55	8	ePKP	06	53.50	0.6	
CNCB	99.83	111	eP	00	54.00	4.1X				i	06	49.80			CAF	152.70	6	ePKP	06	53.80	0.6	
		i	04	58.20						e	07	23.80			LPO	152.85	7	ePKP	06	54.00	0.6	
LHC	99.86	42	eP	00	44.00	-4.6X	CMP	148.10	334	ePKPd	06	53.00	6.7X		OHR	153.28	334	ePKP	06	54.00	-0.2	
SHL	100.72	293	ePdiff	00	53.50	0.2	WET	148.10	351	iPKPc	06	46.60	0.4					i	07	01.60		
FRB	112.73	28	ePKP	05	39.00	-1.0				i	06	49.50						i	07	13.00		
OUE	123.19	295	ePKP	06	02.00	0.7	WLF	148.12	359	PKPc	06	46.60	0.5		EPF	154.37	9	ePKP	06	56.40	0.8	
ITR	129.15	118	ePKP	06	13.20	0.2				e	06	49.50			AQU	154.56	347	e(PKP)	07	04.80	9.0X	
		e	06	47.40						e	07	24.00			MNS	154.68	348	ePKP	06	55.50	-0.4	
MHI	129.22	303	iPKPd	06	12.60	-0.1	ZST	148.18	345	ePKP	06	47.50	1.2		MTE	154.69	24	ePKP	06	57.00	0.9	
		e	08	21.00						e	07	22.00			RMP	155.23	347	ePKP	06	57.50	0.8	
		eS	19	12.00			SRO	148.23	344	ePKP	06	47.50	1.2		TOL	156.37	19	ePKP	07	00.00	1.6	
BLF	129.39	203	iPKPd	06	14.50	1.2				i	07	25.00						i	07	27.50		
SEK	129.53	205	iPKPc	06	14.00	0.4	VKA	148.30	346	ePKPd	06	46.70	0.2		MAL	159.09	23	ePKP	07	01.00	-0.6	
	0.5s	8.45nm						2.8s	878.00nm									i	07	40.30		
VIR	130.05	205	ePKP	06	15.50	0.9				i	06	50.60						i	08	11.00		
	0.5s	21.13nm								ipP	07	24.00			AVE	160.55	35	ePKP	07	11.00	7.7X	
EVA	130.50	208	ePKP	06	16.00	0.5	BUD	148.33	343	ePKPd	06	46.20	-0.3					i	07	36.00		
	0.7s	23.29nm						1.4s	63.70nm						BNG	161.72	225	iPKPd	07	05.20	0.2	
BFS	131.13	205	iPKPd	06	17.50	0.9	COZ	148.35	334	ePKP	06	47.00	0.1			0.9s	45.00nm						
BPI	131.24	207	iPKPc	06	16.70	-0.2	FLN	148.63	8	ePKP	06	47.00	0.0					ic	07	36.20			
	0.7s	24.66nm					SOP	148.79	346	e(PKP)	06	47.00	-0.3					id	07	51.10			
SLR	131.52	208	ePKP	06	18.20	0.8		1.2s	31.70nm									id	11	34.90			
SUF	132.82	347	iPKP	06	10.20	-8.3X	LDF	148.84	7	ePKP	06	47.20	-0.1		BCAO	161.73	225	ePKP	07	04.10	-0.9	
	0.5s	2.30nm					GRR	148.95	8	ePKP	06	47.30	-0.2			1.3s	37.58nm						
NUP	135.13	347	iPKP	06	14.00	-8.9X	GPA	149.01	322	iPKP	06	51.10	3.2X		KIC	164.84	137	iPKP	07	08.00	0.0	
SHI	135.71	294	ePKP	06	24.00	-1.3	BUH	149.04	357	ePKP	06	47.60	-0.1					e	07	42.00			
BUL	136.14	212	ePKP	06	26.00	-0.3	CLO	149.17	336	ePKP	06	47.00	-0.9					e	08	05.60			
		eSKP	09	11.00			LPF	149.27	9	ePKP	06	47.80	-0.2			S.D. = 1.0		on 225 of 263 obs.					
NB2	136.54	356	PKP	06	14.40	-11.3X	FUR	149.28	353	ePKP	06	48.40	0.3										
	0.8s	7.60nm								i	06	52.80			• FEB 01, 1985 01h 15m 52.64± 0.92s								
MTD	137.24	218	ePKP	06	28.00	-0.4	CDF	149.35	358	ePKP	06	47.70	-0.5		23.367 S ±11.8km 68.158 W ±11.3km								
		eSKP	09	15.00			BHG	149.49	350	iPKPd	06	45.50	-2.9X		DEPTH = 149.9 ± 12.3 km								
KRI	138.33	216	ePKP	06	30.00	-0.5				i	06	53.10			NORTHERN CHILE							(123)	
TAB	139.12	308	ePKP	06	24.00	-7.4X	HAU	149.78	359	ePKP	06	49.00	0.2										
		e	06	30.00			SLE	149.93	356	ePKP+	06	49.10	0.1		TPZ	1.96	345	P	16	40.30	12.2X	
NAI	143.97	242	iPKPd	06	40.00	-0.7	BSF	149.95	358	ePKP	06	49.10	-0.1		ANT	2.10	260	iPc	16	28.90	-0.4	
	1.0s	205.00nm					CSS	149.96	310	ePKP	06	54.50	5.0X					iS	16	56.30			
WIT	144.96	359	ePKPd	06	41.00	0.2	KBA	150.03	349	ePKPd	06	48.00	-1.4		YJA	2.73	65	ePc	16	36.80	-0.7	
KRA	145.74	344	iPKPd	06	42.10	-0.2		0.7s	54.90nm						SLA	2.79	120	ePd	16	39.00	1.0	
	1.3s	227.00nm								id	06	53.80			CNCB	6.53	1	P	17	28.10	0.1	
		i	06	52.90						i	06	57.70			LPB	6.80	0	eP	17	32.00	0.4	
		i	07	16.70						ipP	07	28.00			VAO	19.49	93	eP	20	08.50	-1.9	
WTS	145.78	359	iPKPd	06	42.90	0.6				isP	07	45.10			ITA	21.63	92	e(P)	20	33.00	0.8	
	1.2s	523.00nm								ePP	10	26.00			KIC	68.57	73	eP	26	42.10	0.6	
		e	06	52.50			KCT	150.17	324	iPKP	06	55.00	5.4X			S.D. = 1.3		on 8 of 9 obs.					
		ic	07	15.00			ZUL	150.22	356	ePKP+	06	49.80	0.3										
KSP	145.87	348	iPKPc	06	42.80	0.3	BEO	150.25	338	ePKP	06	49.50	0.0		• FEB 01, 1985 01h 19m 26.68± 0.82s								
	1.3s	554.00nm								i	06	55.00			16.000 N ±10.6km 95.521 W ± 8.1km								
		id	07	16 60			BNT	150.34	324	iPKP	06	54.90	5.0X		DEPTH = 33.0km (normal)								
		e	10	11 00			LOR	150.49	2	ePKP	06	50.20	0.3		4.5mb (6 obs.)								
CLL	145.97	352	iPKPd	06	43.10	0.5	BCK	150.55	317	iPKP	06	54.90	4.5X		OAXACA, MEXICO							(60)	
	1 2s	420.00nm					OGA	150.59	352	iPKPc	06	51.00	0.7										
		i	07	15 10						i	06	56.20			VHO	1.69	317	iP	19	56.00	1.5	
CLI	146 12	333	ePKP	06	44 00	0.9	SSF	150.68	3	ePKP	06	50.60	0.5		COM	3.27	85	iP	20	27.50	10.5X	
SPC	146.44	343	ePKP	06	44.80	1.1	KDZ	150.78	329	iPKPd	06	57.00	6.5X		LJX	3.85	336	iP	20	25.60	0.3	
		i	07	19.60			LBF	150.78	2	ePKP	06	50.80	0.4		IIT	4.01	319	eP	20	28.00	0.3	
AAE	146.67	259	ePKP	06	49.00	3.7X	LJU	150.80	347	ePKP	06	49.00	-1.4					iS	21	24.50			
MOX	146.80	353	ePKP	06	44.00	0.0				e	06	55.30			ACX	4.25	282	eP	20	30.60	-0.2	
		i	06	45.50						e	07	30.00			III	4.45	303	eP	20	33.50	-0.4	
		epPKP	07	18.00			MFF	150.80	8	ePKP	06	50.20	-0.1		TPM	4.50	312	iP	20	33.50	-1.0	
BNS	146.80	358	iPKPd	06	46.10	2.1X	OSS	150.87	354	ePKP+	06	51.20	0.5					i	21	25.50			
	1 2s	245.00nm					VOY	150.94	348	ePKP	06	50.20	-0.5		TAC	4.87	315	iP	20	48.00	8.2X	
		e	07	18.30						i	06	55.80			OXM	5.15	310	eP	20	49.00	5.1X	
LP	146 90	333	ePKP	06	46 00	1.7X				i	07	30.20			IIC	5.17	317	eP	20	44.80	0.7	

BHO	18.31	2	eP	23	41.50	1.6	STK	27.97	237	eP	57	46.00	0.1	GBA	95.76	282	Pd	05	15.80	-0.4
	1.5s	37.70nm			4.3mb		WB2	32.72	262	eP	58	26.20	-1.4		1.0s	13.70nm			5.2mb	
OCO	19.52	355	e(P)	23	34.00	-20.3X				e	59	09.50	210km	INK	96.11	18	eP	05	16.00	-0.8
TUL	19.83	359	eP	23	55.80	-1.8	ASPA	33.07	255	iPd	58	29.70	-1.0	ALQ	96.16	55	eP	05	17.20	-0.8
	0.8s	50.80nm			4.9mb			0.4s	105.00nm				5.8mb		1.2s	15.63nm			5.2mb	
Z	19s	0.38um					MTN	36.89	273	eP	59	03.00	0.0	BDW	96.40	47	eP	05	18.30	-0.7
		i		24	24.80		KNA	38.52	268	eP	59	16.00	-0.5		1.0s	2.80nm			4.5mb	
RLO	20.09	1	e(P)	24	02.00	1.6	WBN	39.80	251	eP	59	27.00	0.0				e	06	16.00	236kmX
ALQ	21.26	335	eP	24	11.70	-0.9	MBL	46.17	258	eP	00	18.00	-0.4	LTX	96.69	61	iP	05	21.00	0.6
	0.9s	4.20nm			3.8mb		CGP	51.39	298	ePd	00	57.60	-0.8				e	06	18.00	233kmX
GLA	24.36	318	eP	24	43.00	0.1	SSE	67.56	317	Pc	02	47.00	-1.4	YKA	100.30	27	ePdiff	05	36.60	0.8
TPC	25.81	318	eP	25	05.00	8.3X	NJ2	69.70	316	Pc	03	00.00	-1.5	RSNT	100.30	27	ePdiff	05	36.20	0.4
PLM	25.88	316	eP	24	58.00	0.5	SPA	71.40	180	eP	03	10.50	-1.0	YKC	100.35	27	ePdiff	05	36.00	0.0
CLC	27.88	319	eP	25	15.00	-0.6		0.9s	15.00nm				4.7mb		0.8s	10.00nm			5.3mb	
LHC	32.73	8	eP	25	57.50	-0.9				e	04	00.00	209km	RSSD	100.64	47	ePdiff	05	38.30	0.2
		pP		26	12.00	58kmX	WHN	71.86	312	Pc	03	15.60	1.1	BUL	125.25	227	iPKPd	10	50.00	-0.5X
LRM	32.94	338	eP	26	00.30	-0.3	PSI	72.11	279	iPd	03	15.60	-0.7				i	11	44.00	
FFC	38.97	354	eP	26	51.00	-0.3		0.9s	23.00nm				4.9mb	MTD	125.26	232	iPKPd	10	50.00	-0.5
	0.8s	4.00nm			4.2mb		MDJ	72.58	332	eP	03	18.00	-0.4	VAO	125.63	138	ePKP	10	49.80	-1.3
YKC	48.31	340	eP	28	06.00	-0.6	TIA	73.43	318	P	03	23.10	-0.5	KRI	126.70	231	ePKP	10	51.00	-2.4X
YKA	48.35	348	eP	28	06.60	-0.3	CN2	73.92	329	iPc	03	24.50	-1.7	SUF	129.15	339	iPKP	10	55.40	-1.1
FRB	51.20	15	eP	28	29.00	0.3				epP	04	15.00	212km	NUR	131.18	337	iPKP	11	00.50	0.1
INK	57.57	344	eP	29	14.00	-1.2	LOE	75.27	294	eP	03	34.00	-0.5	NB2	134.90	345	PKP	10	59.50	-8.1X
MBC	61.54	354	eP	29	41.90	-0.6	GYA	75.37	305	P	03	35.00	0.0		0.8s	3.90nm				
	0.6s	4.00nm			4.7mb		BJI	76.42	321	eP	03	40.50	0.1	CLL	142.37	335	ePKPc	11	17.00	-4.4X
NB2	84.00	28	P	31	57.20	2.3X	KHT	76.94	291	eP	03	44.90	1.2		1.6s	19.00nm				
	1.1s	9.60nm			4.9mb		TIY	77.32	317	Pc	03	46.40	0.8	PRU	142.73	333	ePKP	11	14.00	-8.1X
WB2	132.53	257	ePKP	38	40.80	0.5	XAN	77.62	313	iPc	03	47.50	0.3	ZST	142.81	329	e(PKP)	11	19.00	-3.3X
WRA	132.54	257	PKPd	38	40.70	0.3	KMI	77.84	302	Pc	03	50.00	1.1	BEO	143.10	322	iPKP	11	19.50	-3.4X
	0.7s	1.50nm								pP	04	41.00	212km	SOP	143.43	328	iPKPd	11	20.40	-3.0X
HYB	146.29	10	ePKP	39	06.50	1.2	CHG	78.26	295	iPc	03	52.20	1.2		0.8s	30.50nm				
GBA	149.77	14	PKPc	39	14.70	4.0X		1.0s	13.75nm				4.6mb	MOX	143.43	336	iPKPd	11	20.00	-3.3X
	0.9s	6.20nm					CHTO	78.26	295	eP	03	52.30	1.3		1.4s	77.40nm				
	S.D. = 0.9	on	25 of	32	obs.			1.0s	11.50nm				4.6mb	HOF	143.59	335	ePKP	11	20.60	-3.0X
										pP	06	30.70			1.0s	71.00nm				
FEB	01, 1985	04h	52m	13.34±	0.15s		CD2	79.77	308	eP	03	59.40	0.5	VAY	143.60	315	iPKP	11	20.40	-3.5X
18.720 S ±	4.2km	169.036 E ±		3.5km			BTO	80.52	319	eP	04	03.30	0.6	KHC	143.79	332	iPKPc	11	21.50	-2.5X
DEPTH =	217.0km	(	B depth	phases)			LZH	82.24	312	iPc	04	14.00	2.1		1.1s	58.50nm				
5.2mb (	17 obs.)							1.5s	83.00nm				5.2mb				e	11	54.00	
VANUATU ISLANDS						(186)	KDC	82.61	20	P	04	13.00	0.0				e	12	17.80	
CENTROID, MOMENT TENSOR						(HRV)	ANM	85.33	11	P	04	44.00	17.4X	SKO	144.02	317	iPKPc	11	22.80	-1.8
Data Used: GDSN							PRS	85.49	49	eP	04	28.50	0.5		1.0s	270.00nm				
L.P.B.: 8S, 16C							MHC	85.75	48	eP	04	29.80	0.4	WET	144.08	333	iPKPc	11	22.40	-2.1X
Centroid Locotion:							TTA	85.88	15	P	04	29.00	-0.4	GRF	144.34	335	ePKP	11	32.80	7.9X
Origin Time			04:52:18.3	1.8			PRI	85.91	50	eP	04	31.40	1.2	OHR	144.87	316	ePKP	11	20.70	-5.4X
Lat 19.13S	0.19	Lon 168.84E		0.09			SLD	85.93	49	P	04	30.50	0.4				i	11	25.00	
Dep 221.5	3.8	Half-durotion		1.5			RMT	86.23	46	P	04	32.70	1.2	TNS	144.95	338	iPKPd	11	25.60	-0.4
Moment Tensor; Scole 10**23 D-CM							GTA	86.63	313	P	04	34.30	0.7	BHG	145.15	331	ePKP	11	25.30	-1.0
Mrr= 8.43	0.82	Mtt=-5.32		1.28						pP	05	27.90	219km	DDK	145.21	355	iPKPc	11	25.10	-1.1
Mff=-3.11	1.07	Mrt= 7.50		0.92			WDC	86.63	45	iPc	04	33.90	0.5		1.0s	145.00nm				
Mrf=-1.85	0.92	Mtf=-2.63		1.19			ORV	86.86	46	iPc	04	34.70	0.1	ENN	145.32	341	ePKP	11	26.50	0.0
Principal Axes:							JAS1	86.88	48	ePc	04	34.70	0.0		1.5s	211.00nm				
T Val= 12.23		Plg=64		Azm= 23			PAS	86.89	53	eP	04	35.00	0.2	DCN	145.33	356	iPKPc	11	25.50	-0.9
N	-3.12		16		258		SHL	86.94	298	iP	04	35.50	0.0		0.8s	240.00nm				
P	-9.11		21		162		FRI	86.98	49	eP	04	35.70	0.6	DLE	145.33	355	iPKPc	11	25.30	-1.1
Best Double Couple:Mo=1.1*10**24							MWC	87.01	52	eP	04	35.00	-0.6		1.1s	140.00nm				
NP1:Strike=227		Dip=28		Slip= 55			MIN	87.15	46	eP	04	35.80	-0.3	KBA	145.41	330	iPKPc	11	25.60	-1.4
NP2:	85		67		107		ISA	87.30	51	eP	04	37.00	0.1		1.3s	62.50nm				
										e	05	32.00	225km	MEM	145.43	341	PKPc	11	26.40	-0.2
PVC	1.19	325	iPc	52	46.80	0.4	SBB	87.37	52	eP	04	37.00	-0.2	FUR	145.51	333	iPKPc	11	27.30	0.3
			iS	53	12.00		BAR	87.42	54	eP	04	38.00	0.6		1.0s	146.00nm				
NOU	4.32	214	iPc	53	20.50	0.3	RVR	87.42	53	eP	04	38.00	0.6	LJU	145.56	328	ePKP	11	26.20	-0.9
			iS	54	11.00		PLM	87.55	54	eP	04	38.00	-0.2				e	12	22.30	
KOU	4.84	247	iPc	53	28.90	2.1	SDW	87.90	52	P	04	39.00	-0.8	UCC	145.75	343	PKPc	11	27.10	-0.1
			iS	54	28.90		CWC	87.92	50	eP	04	40.00	0.1	VOY	145.89	329	ePKP	11	26.50	-1.2
SGE	8.52	84	eP	54	15.80	1.3	CLC	88.01	51	eP	04	40.00	-0.3				e	12	22.80	
VUN	8.98	87	eP	54	20.90	0.7				e	05	35.00	225km	TRI	146.18	328	ePKP	11	28.00	-0.1
VSG	13.05	315	P	55	13.00	1.0	GSC	88.39	52	eP	04	43.00	0.9	WLF	146.21	340	PKPc	11	28.50	0.6
SVO	13.05	316	P	55	17.00	4.9X	TPC	88.47	53	eP	04	43.00	0.5				e	12	23.40	
CRZ	15.98	169	P	55	48.00	0.0	MNA	88.71	49	eP	04	43.70	0.1	DOU	146.31	342	PKPc	11	27.90	-0.2
PAA	18.07	311	eP	56	11.00	-0.4	GLA	88.99	55	eP	04	46.00	1.1				e	12	24.30	
BGA	18.40	311	eP	56	12.00	-2.9X	COL	89.64	17	iP	04	45.20	-2.0	CDF	146.89	338	iPKPc	11	30.80	1.5
COO	19.52	230	eP	56	27.00	0.8		0.9s	26.47nm				5.2mb	CTI	146.96	331	ePKP	11	31.00	1.5
KRP	19.96	165	iP	56	30.00	-0.5	FBA	89.64	17	P	04	45.00	-2.2	SLE	146.97	336	ePKP+	11	30.70	1.4
	1.2s	150.00nm			5.4mb		BMN	90.20	47	iP	04	51.00	0.5	OSS	147.15	333	ePKP+	11	32.00	2.2X
GNZ	21.34	160	P	56	44.00	0.0		1.0s	42.50nm				5.3mb	ZUL	147.24	335	ePKP+	11	31.50	1.7
			S	00	27.00					e	05	46.00	224km	LLS	147.49	334	ePKP+	11	32.70	2.3X
CTA	21.53	263	iPd	56	48.00	1.9	EUR	90.69	48	iP	04	52.20	-0.7	BSF	147.55	337	iPKPc	11	32.60	2.2X
	0.9s	34.45nm			4.9mb			0.5s	18.62nm				5.3mb	HAU	147.56	338	iPKPc	11	32.70	2.4X
		iS		00	33.00		PNT	92.46	38	eP	05	01.00	0.5	VDL	147.59	333	ePKP+	11	32.80	2.2X
MNG	22.52	167	iP	56	55.00	-0.5	MSU	93.05	50	P	05	04.20	0.4	SAL	147.81	331	iPKP	11	33.50	2.9X
TCW	22.86	170	eP	56	59.30	0.4	PKI	93.07	298	eP	05	03.70	-0.5	BNG	147.87	247	ePKPd	11	30.90	-0.9
YOU	24.05	226	eP	57	10.90	0.7		1.2s	45.00nm				5.4mb		1.1s	108.00nm				
		e		57	49.90	202kmX	KKN	93.25	298	eP	05	05.00	0.1				ic	11	34.10	
CAN	24.25	223	eP	57	08.00	-4.1X		0.9s	25.00nm				5.3mb				id	12	30.00	
		i		57	52.20		NEW	93.50	40	eP	05	05.00	-0.3	BCAO	147.88	247	ePKP	11	34.00	2.2X
CMS	24.50	234	eP	57	14.00	-0.4	LRM	95.51	44	eP	05	14.50	-0.4				pP	12	28.70	

01d 05h

ORI	148.24	318	ePKP	11	36.00	4.5X
DUI	148.50	322	ePKP	11	35.50	3.6X
MMY	148.57	334	ePKP+	11	36.00	3.8X
AOU	148.66	324	e(PKP)	11	37.00	4.8X
SGO	148.66	328	ePKPc	11	35.50	3.3X
DIX	148.77	335	ePKP+	11	36.50	3.9X
FLN	148.85	347	iPKPc	11	35.40	3.2X
ORO	148.91	334	iPKPd	11	36.00	3.4X
LDF	148.93	346	ePKP	11	35.60	3.2X
MNS	149.03	325	iPKPc	11	36.50	3.8X
LOR	149.04	340	iPKPc	11	36.30	3.7X
LBF	149.26	340	iPKPc	11	36.80	3.8X
GRR	149.29	347	iPKPc	11	36.60	3.7X
SSF	149.34	340	iPKPc	11	37.10	4.0X
RMP	149.41	324	iPKPc	11	37.00	3.7X
SMF	149.60	340	iPKPc	11	37.60	4.1X
AVF	149.63	340	ePKP	11	37.50	4.0X
LPF	149.67	347	iPKPc	11	37.70	4.2X
BGF	150.00	341	iPKPc	11	38.60	4.5X
MZF	150.38	341	iPKPc	11	39.60	4.9X
TCF	150.43	341	iPKPc	11	39.60	4.8X
MFF	150.80	345	ePKP	11	40.00	4.8X
CVF	150.88	329	iPKPc	11	40.60	5.1X
FRF	151.13	333	ePKP	11	41.20	5.4X
LRG	151.34	333	ePKP	11	41.90	5.8X
LMR	151.38	333	iPKPc	11	41.70	5.5X
RJF	151.53	341	ePKP	11	42.30	5.9X
CAF	151.70	340	iPKPc	11	42.90	6.2X
LFF	152.10	342	ePKP	11	43.70	6.5X
LPO	152.19	341	ePKP	11	44.00	6.6X
KIC	166.30	207	ePKP	11	53.30	-0.7
			e		12 56.80	

S.D. = 0.9 on 117 of 173 obs.

% FEB 01, 1985 06h 50m 45.09± 0.90s
45.244 N ±17.1km 25.331 E ± 7.0km
DEPTH = 33.0km (normal)
ROMANIA (358)

COZ	0.70	277	iPc	50	59.00	0.3
CVO	0.83	45	iPc	51	01.00	0.6
ISR	0.86	97	iPc	51	01.00	0.1
VRI	1.16	57	iPd	51	05.00	-0.1
BRD	1.24	77	eP	51	10.00	3.8X
CLO	1.80	265	iP	51	14.00	-0.3
CLI	1.89	46	iPc	51	15.00	-0.6

S.D. = 0.6 on 6 of 7 obs.

& FEB 01, 1985 09h 10m 10.53s
59.833 N 153.571 W
DEPTH = 144.4km
SOUTHERN ALASKA (2)
<AGS-P>.

PDB	0.32	262	iP	10	29.81	0.7
			iS	10	44.86	
ILM	0.52	47	iP	10	30.81	-0.8
			eS	10	47.14	
RDT	0.94	38	iP	10	33.88	-0.8
BRLK	1.36	92	iP	10	37.83	-0.7
NKA	1.48	51	eP	10	40.50	0.8
SPU	1.55	28	iP	10	39.69	-0.9
SVW	1.63	322	eP	10	40.31	-1.2
SLKM	1.81	67	eP	10	42.54	-0.9
SEW	2.09	81	iP	10	45.61	-1.1
SUA	2.15	39	eP	10	46.36	-1.3
			eS	11	14.39	
KDC	2.17	164	eP	10	45.34	-2 3
			eS	11	12.45	
MPA	2.21	71	eP	10	47.11	-1.1
SKT	2.37	24	eP	10	48.96	-1.3
PTE	2.49	63	eP	10	50.87	-0.8
PWA	2.57	43	eP	10	50.85	-1.9
PWL	2.80	66	eP	10	53.36	-2.3
KNK	2.98	56	eP	10	55.62	-2.3
GHC	3.00	47	eP	10	55.69	-2.6
MSE	3.02	46	eP	10	55.79	-2.8
MTG	3 06	86	eP	10	57.59	-1.4
CFI	3.17	62	eP	10	58.96	-1.5
			eS	11	33.52	
SML	3.24	50	eP	10	58.44	-3.0
GLI	3.39	69	eP	11	01.25	-2.0
TTV	3.42	66	eP	11	02.29	-1.5
HIN	3.58	78	eP	11	03.99	-1.9
FID	3.65	72	eP	11	04.07	-2.6
SCM	3.66	54	eP	11	05.06	-1.8
VZW	3.69	67	eP	11	05.59	-1.7
VLZ	3.81	67	eP	11	07.34	-1.5
KLU	4.12	63	eP	11	10.73	-2.2
SGAM	4.23	77	eP	11	12.41	-2.0
TOA	4.27	55	eP	11	13.28	-1.6

32 obs. associated

FEB 01, 1985 11h 13m 20.11± 0.42s
5.661 S ± 3.2km 148.689 E ± 4.1km
DEPTH = 171.9 ± 4.3 km
5.1mb (7 obs.)
NEW BRITAIN REGION (192)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 5S, 10C
Centroid Locotion:
Origin Time 11:13:22.5 1.1
Lat 6.14S 0.10 Lon 148.79E 0.19
Dep 171.4 7.0 Half-duration 1.4
Moment Tensor; Scale 10**23 D-CM
Mrr=-3.55 0.93 Mtt= 6.43 1.17
Mff=-2.88 1.69 Mrt=-5.46 0.73
Mrf= 1.24 1.23 Mtf= 6.45 1.75
Principal Axes:
T Val= 11.06 Plg=17 Azm=157
N -2.02 47 266
P -9.04 38 52
Best Double Couple:Mo=1.0*10**24
NP1:Strike=202 Dip=50 Slip=-163
NP2: 100 77 -42

LAT	1.95	239	iPd	13	56.90	0.5
MDG	2.92	278	eP	14	07.50	-0.4
LMG	3.27	189	iPd	14	10.90	-1.5
RAB	3.76	67	iPc	14	17.40	-1.2
MOM	3.82	340	iPc	14	20.20	1.0
PMG	4.02	202	eP	14	21.50	-0.4
BGA	6.48	95	iPd	14	49.50	-4.8X
			eS	15	58.00	
PAA	6.80	96	e(P)	14	49.00	-9.5X
JAY	8.55	291	ePc	15	22.00	0.2
VSG	11.50	109	P	16	01.00	0.7
SVO	11.56	108	P	16	01.00	-0.2
CTA	14.53	189	iPc+	16	40.10	1.1
	1.0s	119.00nm			5.2mb	
			iS	19	22.00	
MTN	18.73	246	eP	17	27.00	-1.3
			eS	20	51.00	
WB2	19.90	223	iPc	17	40.20	-0.1
			iS	21	15.50	
WRA	19.91	223	Pd	17	40.70	0.3
	0.6s	70.60nm			5.3mb	
AAI	20.52	275	e(P)	17	55.20	8.6X
KOU	21.18	136	iPc	17	52.70	-0.4
BRS	21.96	170	P	18	01.10	0.4
			i	18	24.50	
			e	18	34.50	
KNA	21.97	241	eP	18	01.00	0.2
ASPA	22.87	217	iPc	18	11.10	1.5
	1.0s	77.00nm			5.2mb	
			eS	22	07.00	
			e	29	05.00	
NOU	23.85	136	iPc	18	18.50	-0.4
COO	24.97	173	eP	18	30.00	0.6
CMS	25.83	186	eP	18	37.00	-0.3
STK	26.92	193	eP	18	47.00	-0.1
YOU	28.48	181	iPc	19	01.30	0.1
WBN	29.34	224	iPc	19	09.80	0.8
CAN	29.52	179	iPc	19	10.60	0.2
WAM	30.39	180	iPc	19	18.30	0.3
BFD	31.87	189	eP	19	31.00	0.1
TOO	31.90	185	eP	19	32.00	0.8
MEK	35.50	231	eP	20	02.00	-0.2
NAU	36.17	239	eP	20	08.00	0.2
MRWA	38.76	229	eP	20	30.00	0.5
KL8	38.78	224	eP	20	29.00	-0.6
BAL	38.97	227	eP	20	31.00	-0.2
NWAO	39.91	223	eP	20	38.50	-0.4
MUN	40.08	225	eP	20	40.20	-0.1
TATO	40.34	320	eP	20	43.00	0.6
KRP	40.35	147	P	20	43.30	1.0
RKG	40.74	222	eP	20	49.00	3.3X
GNZ	42.24	145	P	20	58.00	0.2
DDR	42.39	349	eP	21	01.10	2.0
TSK	42.42	350	eP	21	01.60	2.3
SSE	45.02	326	Pd	21	20.00	-0.2
	1.0s	56.00nm			5.1mb	
			S	27	48.00	
			sS	28	36.00	
NJ2	47.05	325	Pd	21	37.00	0.8
WHN	48.75	320	P	21	51.60	2.3
			pP	22	28.50	164kmX
TIA	51.09	327	P	22	06.40	-0.7
SNY	52.53	336	P	22	16.90	-0.8
MDJ	52.91	343	eP	22	20.50	0.0
CN2	53.52	339	eP	22	24.80	-0.2
BJI	54.44	330	eP	22	31.00	-0.8
XAN	54.51	319	eP	22	31.40	-1.0
			pP	23	09.40	165kmX
CHG	54.71	298	eP	23	11.50	37.4X
CD2	56.26	313	P	22	44.40	-0.7
BTO	58.12	326	eP	22	58.00	0.0
LZH	59.06	318	eP	23	05.00	0.3
SHL	63.25	302	eP	23	31.80	-1.2
GTA	63.57	319	P	23	34.60	-0.1
GBA	73.26	286	Pc	24	32.70	-2.0
	0.7s	4.30nm			4.3mb	
WMQ	73.64	319	P	24	36.50	0.0
			pP	25	15.50	160kmX
TTA	80.09	22	eP	25	13.00	1.1
PME	82.24	25	eP	25	23.00	0.0
COL	84.22	23	eP	25	31.00	-2.0
FBA	84.22	23	eP	25	32.60	-0.4
SPA	84.38	180	iPd	25	34.50	0.5
	1.0s	26.50nm			5.0mb	
BRW	84.64	15	eP	25	36.40	1.4
INK	90.73	21	eP	26	03.00	-1.2
			pP	26	43.00	157kmX
YKA	98.09	28	eP	26	38.60	0.7
YKC	98.15	28	eP	26	38.00	-0.1
	1.1s	13.00nm			5.3mb	
PCH	126.12	139	ePKP	32	04.40	0.2
PEL	126.31	139	ePKP	32	03.50	-1.0
BSF	126.87	329	ePKP	32	04.10	-1.1
	1.0s	13.60nm				
HAU	126.99	329	ePKP	32	04.20	-1.1
	0.6s	2.50nm				
FLN	129.71	334	ePKP	32	08.40	-2.0X
	1.1s	9.70nm				
GRR	130.16	334	ePKP	32	10.50	-0.7
	1.0s	11.50nm				
LPF	130.51	334	ePKP	32	12.30	0.4
	0.5s	5.30nm				
VAO	147.66	152	ePKP	32	46.80	3.2X
ITA	149.21	155	ePKP	32	50.90	4.5X

S.D. = 0.9 on 70 of 78 obs.

% FEB 01, 1985 11h 17m 15.10± 1.37s
32.479 S ± 7.9km 71.466 W ±16.8km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

JACH	0.76	106	iPc	17	28.80	-0.7
			iS	17	41.00	
PEL	0.93	135	iPd	17	31.20	-0.7
			iS	17	45.30	
BACH	1.20	137	iP	17	35.50	-0.2
			iS	17	51.20	
TACH	1.25	159	eP	17	37.60	1.2
			iS	17	54.00	
FCH	1.30	131	iP	17	37.50	0.1
			iS	17	56.70	
PCH	1.39	145	iP	17	39.50	1.0
			iS	17	59.50	
LNV	1.47	178	eP	17	38.10	-1.5
			iS	17	57.50	
CHCH	1.60	155	eP	17	42.00	0.5
			iS	18	04.00	
TLL	2.37	14	iP	17	53.00	0.2

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

% FEB 01, 1985 12h 51m 16.62± 1.04s
33.281 S ± 8.8km 70.867 W ±11.7km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

PEL	0.21	48	iPc	51	25.00	1.6
			iS	51	34.40	
BACH	0.32	103	iPc	51	25.60	0.8
			iS	51	34.40	
TACH	0.38	189	iPc	51	26.60	1.2
			iS	51	36.50	
PCH	0.45	139	iPc	51	26.20	-0.4
			iS	51	36.00	
FCH	0.49	96	iP	51	26.50	-0.8

			iS	51 36.50		
JACH	0.64	21	iP	51 28.20	-1.1	
			iS	51 39.50		
CHCH	0.67	165	iPc	51 29.00	-0.7	
			iS	51 40.40		
LNV	0.81	214	iPd	51 31.00	-0.6	
			iS	51 43.70		

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

% FEB 01, 1985 13h 04m 40.18± 0.84s
40.134 N ± 9.0km 23.205 E ± 6.0km
DEPTH = 10.0km (geophysicist)
GREECE (364)

PAIG	0.42	119	ePg	04 48.80	0.1	
			eSg	04 56.40		
LIT	0.55	267	ePgc	04 51.20	-0.1	
			eSg	04 59.60		
OUR	0.63	71	ePg	04 52.70	-0.1	
			eSg	05 02.00		
GRG	1.02	324	ePg	04 59.80	0.2	
			eSb	05 14.10		
KNT	1.05	347	ePb	04 59.90	-0.1	
			eSb	05 16.40		

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

? FEB 01, 1985 14h 05m 01.25± 5.06s
6.948 S ±11.5km 150.175 E ±73.1km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
NEW BRITAIN REGION (192)

LMG	2.80	226	eP	05 45.00	0.2	
PMG	3.86	231	eP	06 03.00	3.2X	
MOM	5.60	330	eP	06 24.50	0.0	
WB2	20.07	228	eP	09 34.20	-0.6	
			i	09 46.00		
WRA	20.07	228	Pc	09 34.80	-0.1	
	0.9s		22.10nm		4.5mb	
ASPA	22.82	221	eP	10 03.00	0.4	

S.D. = 0.5 on 5 of 6 obs.

? FEB 01, 1985 14h 50m 52.59± 1.04s
23.020 S ± 9.7km 68.300 W ±28.4km
DEPTH = 119.7 ± 38.8 km
NORTHERN CHILE (123)

TPZ	1.60	346	iP	51 43.00	21.1X	
ANT	2.06	250	iPc	51 27.30	0.1	
			iS	51 51.40		
YJA	2.72	72	iPc	51 40.70	4.4X	
SLA	3.08	124	ePd	51 45.60	4.8X	
CNCB	6.19	3	P	52 26.00	2.5X	
LPB	6.46	2	eP	52 27.00	0.0	
			(S)	58 30.00		
TCA	8.92	159	eP	52 59.90	-0.1	
PEL	10.30	191	eP	53 23.00	4.5X	
VAO	19.64	94	eP	55 14.30	0.0	
ITA	21.78	93	eP	55 36.50	0.3	
			e	55 39.10		
ITR	31.95	69	e(P)	57 09.00	-0.2	

S.D. = 0.3 on 6 of 11 obs.

% FEB 01, 1985 15h 19m 38.67± 0.63s
33.147 S ± 4.6km 70.839 W ± 6.3km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)

PEL	0.13	88	iPc	19 42.20	0.4	
			iS	19 45.00		
ROCH	0.23	320	iPc	19 43.90	0.2	
BACH	0.36	125	iPc	19 46.20	0.2	
JACH	0.51	24	iP	19 48.60	-0.4	
PCH	0.54	150	iPd	19 49.50	-0.2	
CHCH	0.80	169	iPc	19 54.10	-0.1	
LNV	0.94	210	iPc	19 56.50	0.0	

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

? FEB 01, 1985 15h 46m 47.30± 1.32s
32.410 S ± 7.8km 69.577 W ± 8.1km
DEPTH = 137.4 ± 19.3 km
MENDOZA PROVINCE, ARGENTINA (139)

JACH	0.90	252	iPd	47 09.70	-0.7	
RTCV	1.04	58	iPc	47 11.20	-0.4	
			S	47 28.00		
FCH	1.09	213	iP	47 12.70	0.3	
PEL	1.19	232	iPc	47 12.40	-0.6	
			iS	47 30.40		
BACH	1.22	219	iPd	47 13.90	0.6	
			iS	47 32.50		
ROCH	1.33	245	iPc	47 14.20	-0.5	
			iS	47 33.20		
SAN	1.38	221	iP	47 15.30	0.3	
			iS	47 34.50		
CFA	1.39	55	ePc	47 21.40	6.3X	
			S	47 34.90		
RTLL	1.43	41	ePc	47 16.00	0.4	
			S	47 36.80		
PCH	1.44	213	iPd	47 16.20	0.5	
			iS	47 36.00		
TACH	1.69	222	iPd	47 18.50	0.1	
			iS	47 41.00		
CHCH	1.77	210	iPd	47 20.10	0.7	
			iS	47 44.00		
LNV	2.18	224	iPc	47 23.30	-0.9	
			iS	47 49.00		
TLL	2.47	335	iPc	47 28.70	0.5	
TCA	4.37	77	iPd	47 52.70	-0.4	
			S	48 39.90		

S.D. = 0.6 on 14 of 15 obs.

% FEB 01, 1985 16h 26m 34.46± 1.95s
33.140 S ± 6.8km 70.254 W ±16.5km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)

FCH	0.19	189	iPc	26 38.60	-0.3	
BACH	0.29	223	iP	26 41.00	0.4	
			iS	26 45.40		
PEL	0.36	269	iPc	26 41.60	-0.3	
			iS	26 46.50		
PCH	0.53	204	iP	26 45.20	0.1	
			iS	26 53.20		
JACH	0.54	328	iPc	26 45.50	0.1	

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

• FEB 01, 1985 16h 42m 19.66± 0.81s
22.114 N ± 7.3km 121.503 E ± 9.3km
DEPTH = 33.0km (normal)
3.7mb (1 obs.)
TAIWAN REGION (243)

TATO	2.85	360	eP	43 06.00	2.2	
			eS	43 39.00		
ANP	3.05	0	eP	43 08.80	2.0	
HKC	6.80	273	iP	43 59.50	-0.2	
			iS	45 11.00		
MCO	7.37	272	eP	44 07.50	-0.2	
MAN	7.43	183	eP	44 16.20	7.7X	
GZH	7.60	279	P	44 10.00	-0.9	
			S	45 31.00		
SSE	8.95	358	eP	44 28.60	-1.0	
			eLg	47 19.50		
NJ2	10.17	347	Pc	44 43.60	-2.9	
WHN	10.56	324	eP	44 51.20	-0.6	
QIZ	11.34	256	P	45 03.30	0.7	
GYA	14.20	291	P	45 41.40	0.7	
TIA	14.56	346	eP	45 45.00	-0.1	
XAN	16.24	320	eP	46 07.40	0.4	
KMI	17.45	284	eP	46 24.50	2.0	
CD2	18.12	303	P	46 30.00	-0.5	
GTA	25.28	318	eP	47 43.60	-1.2	
WRA	43.64	162	Pd	50 23.30	0.3	
	0.6s		0.90nm		3.7mb	
WB2	43.65	162	eP	50 22.80	-0.2	
MEK	48.52	184	iPc	51 01.00	-0.6	

S.D. = 1.3 on 18 of 19 obs.

• FEB 01, 1985 18h 39m 14.97± 1.43s
21.067 S ±16.9km 178.439 W ±17.1km
DEPTH = 590.9 ± 10.7 km
4.6mb (4 obs.)
FIJI ISLANDS REGION (181)

SGE	4.87	315	iPc	40 47.50	0.6	
YSA	5.76	318	eP	40 53.70	-0.4	
AFI	9.54	43	P	41 26.00	-3.6X	
			S	43 09.00		
KOU	16.17	269	iPc	42 37.50	3.1X	
BRS	26.96	251	P	44 13.60	1.0	
PMG	35.08	284	eP	45 21.00	-0.4	
ASPA	43.99	257	eP	46 33.00	0.0	
WB2	44.11	263	iPd	46 33.20	-0.6	
			eS	52 22.70		
WRA	44.12	263	Pc	46 33.60	-0.3	
	0.4s		9.80nm		4.7mb	
MTN	48.76	271	eP	47 08.00	-1.2	
KNA	50.19	267	iPc	47 19.20	-0.5	
WBN	50.33	253	iPd	47 20.90	0.2	
MBL	57.24	258	iPc	48 08.80	-0.6	
MEK	57.41	251	eP	48 10.00	-0.5	
KLB	57.44	245	eP	48 10.50	-0.1	
NWAO	57.75	244	eP	48 13.00	0.3	
RKG	57.83	242	eP	48 13.00	-0.3	
BAL	58.45	246	eP	48 17.06	-0.5	
MUN	58.71	245	eP	48 19.50	0.3	
MRWA	59.25	248	eP	48 23.00	0.2	
NAU	60.88	255	eP	48 34.00	0.4	
CN2	82.50	323	Pd	50 37.00	-0.4	
BMN	83.54	42	eP	50 43.70	0.8	
	0.7s		2.00nm		3.8mb	
XAN	88.15	308	eP	51 05.40	0.5	
COL	88.88	13	eP	51 06.00	-1.6	
	0.8s		13.06nm		4.9mb	
KMI	89.24	297	eP	51 12.00	1.6	
BDT	89.41	289	eP	51 11.00	0.1	
CHG	90.05	290	eP	51 15.50	1.6	
CHTO	90.05	290	eP	51 15.20	1.3	
	0.6s		3.93nm		4.5mb	
GTA	97.01	309	eP	51 45.00	-0.4	
SUF	135.11	344	iPKP	57 28.40	-0.4	
	0.6s		2.80nm			
NB2	139.49	353	PKP	57 28.40	-8.6X	
	0.7s		2.30nm			
HFS	140.03	351	ePKP	57 29.30	-8.6X	
	0.5s		3.30nm			
DMU	146.59	9	iPKPd	57 51.30	2.0X	
	0.7s		25.00nm			
DCN	147.07	10	iPKPd	57 52.60	2.6X	
	0.6s		35.00nm			
DLE	147.24	9	ePKP	57 53.00	2.7X	
	0.8s		32.00nm			
KSP	148.11	342	iPKPd	57 55.70	3.9X	
CLL	148.51	346	iPKPd	57 56.80	4.4X	
	0.9s		23.00nm			
BRG	148.70	345	iPKPd	57 52.10	-0.6	
PRU	149.36	343	PKP	57 59.00	5.3X	
			e	58 06.00		
MOX	149.44	347	e(PKP)	58 00.00	6.2X	
CLO	150.34	329	ePKP	58 01.00	5.6X	
KHC	150.40	344	iPKPd	58 01.50	6.1X	
			i	58 10.50		
DOU	150.93	356	PKPc	58 02.50	6.4X	

S.D. = 0.8 on 30 of 44 obs.

& FEB 01, 1985 21h 51m 39.67s
60.014 N 152.757 W
DEPTH = 91.2km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.17	350	iP	51 52.25	0.9	
			iS	52 02.73		
RDT	0.59	17	iP	51 54.95	-0.6	
NNL	0.73	87	eP	51 57.00	0.1	
PDB	0.76	253	iP	51 56.43	-0.7	
			iS	52 09.51		
BRLK	0.98	104	eP	51 58.83	-0.7	
			iS	52 13.72		
NKA	1.05	45	iP	52 01.29	1.0	
SPU	1.22	16	iP	52 01.74	-0.7	
			iS	52 19.08		
SLKM	1.36	68	eP	52 02.93	-1.2	
SEW	1.66	85	eP	52 06.23	-1.7	
MPA	1.76	73	eP	52 07.76	-1.5	
			iS	52 30.70		
SUA	1.76	33	eP	52 08.77	-0.6	
			eS	52 31.40		
PTE	2.04	64	eP	52 11.42	-1.5	
SKT	2.06	16	iP	52 12.09	-1.2	
PWA	2.16	39	eP	52 13.85	-0.8	
KDC	2.28	176	eP	52 12.58	-3.5	
PWL	2.35	67	eP	52 14.67	-2.5	
PLRM	2.38	47	eP	52 15.79	-1.7	
PME	2.44	47	eP	52 16.59	-1.8	
KNK	2.54	55	eP	52 17.33	-2.4	
GHO	2.57	45	eP	52 18.13	-2.1	
MSE	2.60	44	eP	52 18.41	-2.3	
MTG	2.65	90	eP	52 19.50	-1.7	
CFI	2.73	62	eP	52 19.72	-2.5	

01d 21h

SML	2.81	48	eP	52	20.96	-2.6
GLI	2.94	76	eP	52	21.93	-3.3
HIN	3.15	80	eP	52	25.13	-2.9
FID	3.20	74	eP	52	25.00	-3.8
VZW	3.24	68	eP	52	26.30	-3.1
KLU	3.67	63	eP	52	32.24	-3.1
TOA	3.83	54	eP	52	35.93	-1.6

30 obs. associated

• FEB 01, 1985 22h 01m 52.91± 1.23s
50.337 N ±23.3km 18.806 E ± 9.2km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.0 (KRA).

KRA	0.78	111	iPg	02	07.70	-0.4
			iSg	02	18.10	
SPC	1.48	140	i(Pn)	02	20.30	0.5
			i(Sn)	02	41.50	
KSP	1 68	289	ePn	02	22.80	0.3
	0.5s		38.00nm			
			iPg	02	25.50	
			iS	02	48.00	
ZST	2.42	208	eP	02	45.00	11.9X
PRU	2.76	264	ePn	02	38.00	0.0
			Pg	02	45.30	
			Sg	03	19.80	
KHC	3.60	252	ePn	02	49.50	-0.4
			Pg	02	56.00	
			Sn	03	22.50	
			Sg	03	45.00	
CLL	3.81	287	e(P)	03	56.00	63.2X
GRF	4.93	265	e(Pg)	03	21.00	12.2X
			e(Sg)	04	32.00	

S.D. = 0.6 on 5 of 8 obs.

• FEB 02, 1985 01h 22m 44.60± 0.84s
21.974 N ± 9.2km 100.759 E ±13.8km
DEPTH = 33.0km (normal)
BURMA-CHINA BORDER REGION (297)

CHTO	3.57	209	ePn	23	38.50	-0.6
KMI	3.62	30	ePn	23	44.00	4.0X
			Pg	23	53.50	
			Sg	24	43.50	
BDT	4.99	200	ePn	24	00.00	0.8
			ePg	24	22.00	
			eSg	25	27.00	
NST	6.30	186	eP	24	44.50	26.9X
GYA	7.00	49	Pn	24	28.60	1.0
KHT	7.44	196	ePg	25	05.10	31.5X
			eSg	26	50.10	
QIZ	9.00	107	P	24	54.80	-0.6
CD2	9.30	16	eP	24	59.10	-0.3
			S	26	43.00	
NNT	9.38	186	eP	25	45.00	44.4X
XAN	14.01	29	eP	26	02.50	-0.4
GTA	17.40	358	eP	26	50.60	4.0X
BTO	20.16	21	eP	27	22.30	3.3X

S.D. = 1.0 on 6 of 12 obs.

& FEB 02, 1985 03h 40m 01.70s
31.880 N 115.990 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.4 (PAS).

ENX	0.57	271	iPd	40	11.77	-1.4
			S	40	20.55	
PBX	0.63	257	iPd	40	12.65	-1.7
			S	40	21.97	
CBX	0.72	307	iPd	40	15.11	-0.9
			S	40	26.58	
IKP	0.77	353	iPc	40	16.20	-1.0
CPBX	0.79	47	iPd	40	16.03	-1.4
			S	40	29.14	
BAR	0.98	324	iPc	40	19.50	-1.3
			eS	40	33.60	
GLA	1.53	40	eP	40	26.00	-3.6
SDW	2.87	342	eP	40	53.00	4.0

8 obs. associated

FEB 02, 1985 04h 30m 30.12± 0.30s
10.563 S ± 5.8km 114.969 E ± 6.5km
DEPTH = 33.0km (normal)
5.3mb (18 obs.) 5.2Msz (4 obs.)
SOUTH OF BALI ISLAND (284)

MKS	6.93	40	iPd	32	14.00	1.9
			eS	33	10.70	
MBL	11.53	157	iPc	33	30.46	15.0X
NAU	11.92	178	eP	33	10.00	-10.9X
	0.6s		270.00nm			
KNA	14.39	112	eP	33	48.00	-5.5X
AAI	14.79	63	eP	33	59.60	0.9
	0.8s		152.30nm		5.4mb	
MNI	15.45	40	ePd	34	11.00	3.6X
	1.3s		748.40nm		5.8mb	
MEK	16.32	169	eP	34	10.00	-8.5X
KKM	16.54	4	ePc	34	28.00	6.5X
KGM	17.05	316	ePc	34	29.50	1.8
PPI	17.63	304	eP	34	35.00	0.1
MRWA	18.58	177	eP	34	38.00	-8.7X
WBN	18.99	146	iPd	34	45.50	-6.2X
BAL	20.01	176	eP	34	58.00	-5.0X
DAV	20.47	31	eP	35	08.00	0.2
			eS	38	53.00	
IPM	20.47	317	ePc	35	07.40	-0.5
	1.0s		96.90nm		5.1mb	
			e	35	38.60	
PPR	20.55	11	eP	35	03.00	-5.7X
			eS	35	20.30	
PSI	20.70	309	eP	35	08.00	-2.2
WRA	20.87	119	Pc	35	10.10	-1.9
	1.4s		162.90nm		5.2mb	
WB2	20.88	119	iPd	35	09.20	-2.9
			eS	38	50.80	
KLB	21.09	173	eP	35	09.50	-4.6X
MUN	21.34	177	eP	35	18.00	1.3
TSI	21.49	310	e(P)	35	21.00	2.7X
ASPA	22.26	128	iPd	35	24.00	-2.0
	1.5s		232.00nm		5.4mb	
NWAO	22.35	175	eP	35	24.00	-2.8
Z	20s		2.20um		4.6Msz	
N	20s		2.90um			
E	20s		3.20um			
SNG	22.69	320	eP	35	30.00	-0.2
PGP	24.63	14	ePc	35	50.00	0.9
BSI	25.25	308	ePc	35	56.00	1.0
QCP	25.76	14	eP	36	02.00	2.3
JAY	26.77	74	ePc	36	09.20	0.1
BAG	27.37	12	eP	36	10.00	-4.7X
			eS	40	48.00	
NNT	27.53	326	eP	36	16.40	0.4
QIZ	29.84	350	eP	36	36.80	0.1
			PP	37	32.00	
			S	41	33.00	
NST	29.92	330	eP	36	38.80	1.3
KHT	29.96	327	eP	36	38.20	0.3
LOE	30.72	335	eP	36	43.80	-0.7
CTA	31.57	111	iPd	36	54.90	2.8
	1.6s		96.67nm		5.4mb	
			iS	41	58.00	
BDT	31.82	330	eP	36	52.00	-2.2
	0.5s		29.50nm		5.4mb	
STK	32.48	135	eP	36	58.00	-1.9
ADE	32.53	142	e(P)	37	01.40	1.1
HKC	32.67	359	eP	37	05.00	3.5X
			e(S)	42	16.00	
CHG	33.19	331	iPc	37	06.50	0.3
	0.8s		9.33nm		4.7mb	
			eS	42	40.00	
CHTO	33.19	331	eP	37	06.80	0.6
	0.8s		7.32nm		4.6mb	
GZH	33.48	357	eP	37	08.00	-0.5
			ePP	38	23.00	
CMS	35.34	131	eP	37	27.00	2.4
ANP	36.10	10	eP	37	30.00	-1.1
BFD	36.32	141	eP	37	33.00	0.2
KMI	37.42	342	Pc+	37	44.50	2.1
	4.0s		0.90nm		3.0mb X	
N	15s		4.10um			
			pP	37	53.50	30kmX
			PP	39	13.00	
			eS	43	27.00	
			sS	43	44.00	
GYA	37.67	348	Pc	37	45.00	0.6
			pP	37	54.00	31kmX
			S	43	35.00	
			ScP	43	43.00	
TOO	38.41	139	eP	37	50.00	-0.4
YOU	38.58	133	eP	37	51.40	-0.4
			i	37	55.40	
CAN	39.54	134	eP	38	00.40	0.6
			e	39	35.30	

WAM	39.90	135	eP	38	03.20	0.4
			e	39	36.80	
WHN	40.87	359	Pc	38	12.40	1.7
			PcS	44	05.00	
SSE	41.85	8	P+	38	18.00	-0.7
Z	20s		2.30um		5.1Msz	
N	20s		2.10um			
			PP	40	02.00	
			S	44	30.00	
			i	44	38.00	
			sS	44	44.40	
			SS	47	52.00	
			ScS	48	10.00	
SHL	42.37	328	iP	38	23.50	0.2
			lS	44	40.00	
NJ2	42.53	5	Pc	38	24.50	0.2
			pP	38	34.00	32kmX
			S	44	47.00	
CD2	42.62	346	Pc	38	25.40	0.3
			pP	38	34.30	30kmX
			S	44	46.00	
KOD	42.64	298	eP	38	26.00	0.2
HNR	44.28	93	eP	38	44.00	5.1X
GBA	44.31	302	Pc	38	37.70	-1.3
	0.8s		18.90nm		5.0mb	
XAN	44.73	353	Pc	38	41.00	-1.2
			pP	38	51.00	34kmX
			S	45	16.00	
HYB	45.47	307	ePc	38	47.60	-0.7
LSA	46.14	331	Pc	38	55.00	1.0
			S	45	37.00	
TIA	46.57	2	eP	38	54.30	-2.3
			PcP	40	32.00	
			ePP	40	40.00	
			eS	45	38.00	
PKI	47.51	324	iPc	39	04.00	-0.7
	1.0s		60.00nm		5.6mb	
LZH	47.57	348	iPc+	39	05.50	0.7
	2.0s		198.00nm		5.8mb	
E	20s		4.40um			
			eS	45	57.00	
KKN	47.75	324	iPc	39	06.00	-0.5
	0.8s		90.00nm		5.8mb	
SHK	47.89	20	eP	39	00.40	-6.8X
TIY	48.08	357	eP	39	07.30	-1.3
			S	46	03.50	
POO	49.81	305	iPc	39	21.50	-0.8
BJI	50.36	1	eP	39	23.50	-2.4X
E	17s		1.50um			
			eS	46	36.00	
BTO	51.11	355	iPc	39	30.50	-1.3
			S	46	45.00	
HHC	51.25	357	eP	39	32.50	-0.4
			pP	39	42.00	32kmX
			S	46	50.00	
GTA	51.68	345	iPc	39	35.90	-0.3
			eS	46	55.60	
			ScS	49	24.40	
SNY	52.73	8	P	39	41.40	-2.5
			pP	39	50.00	28kmX
			S	47	06.00	
NDI	53.41	318	iPc	39	46.50	-2.6
	0.6s		20.00nm		5.3mb	
			lS	47	14.00	
CN2	54.94	9	Pc	39	57.00	-3.1X
			pP	40	08.00	37kmX
MDJ	56.49	12	eP	40	09.00	-2.3
			S	48	00.00	
WMQ	59.54	337	iPc	40	32.00	-0.8
QUE	61.42	313	eP	40	45.00	-1.0
			eS	49	02.00	
KSH	61.55	326	Pc	40	47.00	0.4
			pP	40	57.00	33kmX
TET	78.94	256	eP	42	37.00	4.4X
SPA	79.51	180	eP	42	35.30	0.3
	1.6s		148.61nm		5.7mb	
EVA	81.72	245	eP	42	52.00	4.5X
KRI	82.61	254	eP	42	55.00	2.8
BPI	82.70	245	e(P)	42	53.00	0.4
BUL	83.05	251	iPd	42	55.00	0.6
BNG	97.10	273	ePd	44	01.30	0.3
	1.0s		10.00nm		5.3mb	
			id	44	04.70	
BCAO	97.11	273	eP	44	03.00	2.0
	1.0s		2.00nm		4.6mb	
KJF	98.23	334	eP	44	05.00	0.1
SUF	98.76	332	eP	44	08.00	0.7

0.8s 2.80nm 4.8mb
CLO 98.91 314 eP 44 10.00 1.6
NUR 99.26 330 eP 44 13.00 3.4X
Z 20s 1.10um 5.4Msz
VOY 105.20 315 ePKP 48 56.00 4.9X
INK 107.66 21 ePKP 49 10.00 15.1X
YKA 117.22 23 ePKP 49 15.00 1.8
EDM 122.59 32 ePKPd 49 24.70 0.9
EUR 126.50 48 iPKP 49 33.20 1.0
0.5s 2.66nm
FFC 127.17 26 ePKP 49 23.00 -9.6X
0.8s 4.00nm
ALQ 135.20 50 ePKP 49 41.80 -7.0X
1.0s 4.75nm
LTX 139.41 57 e(PKP)49 49.10 -7.6X
TUL 142.40 43 ePKP 49 56.60 -5.1X
1.0s 10.80nm
Z 21s 0.51um 5.3Msz
RLO 142.76 42 e(PKP)50 00.50 -1.8
FVM 144.44 36 ePKP 50 03.70 -1.4
0.9s 14.41nm
SLA 144.92 179 ePKP 50 08.40 1.9X
RSNY 145.16 12 ePKP 50 06.80 0.7
1.0s 38.00nm
OXM 145.46 71 ePKP 50 08.50 0.7
TPM 146.10 72 iPKPc 50 10.00 1.4
ITR 147.29 235 ePKP 50 14.00 3.5X
e 50 17.30
e 50 38.60
YJA 147.47 179 e(PKP)50 15.00 3.9X
TPZ 147.97 174 ePKP 50 18.00 6.2X
VHO 148.55 74 iPKPd 50 19.00 6.4X
BAO 148.98 213 e(PKP)50 18.00 4.7X
BLA 150.06 25 ePKP 50 20.00 5.8X
2.0s 182.35nm
ARE 152.48 167 ePKP 50 30.00 11.4X
CNCB 152.65 174 (PKP) 50 13.00 -6.2X
e 50 27.00
LPB 152.91 174 ePKP 50 15.00 -4.4X
LR 14 32.00
CAR 178.13 92 ePKP 50 36.00 -2.9X
S.D. = 1.4 on 80 of 118 obs.

? FEB 02, 1985 05h 53m 07.20± 2.40s
15.541 S ±15.2km 75.564 W ±18.6km
DEPTH = 64.4 ± 23.4 km
5.0mb (4 obs.) 4.3Msz (1 obs.)
NEAR COAST OF PERU (115)

ARE 4.02 104 iPd 54 05.50 -2.5
eS 55 00.00
LPB 7.25 99 Pd 54 55.00 1.8
1.0s 160.00nm 5.7mb
S 58 26.00
LR 58 28.00
CNCB 7.39 101 iP 54 57.00 1.6
S 56 30.00
TPZ 8.77 133 Pc 55 48.00 33.8X
ANT 9.46 150 eP 55 23.00 -0.2
YJA 11.58 126 ePc 55 55.80 3.3X
PSO 16.72 354 eP 57 00.00 0.8
PEL 18.07 167 eP 57 21.00 5.5X
BOG 20.09 4 eP 57 41.00 2.4X
CHN 20.38 360 eP 57 44.00 2.6X
UAV 24.39 11 eP 58 14.00 -7.1X
SDV 24.76 12 eP 58 24.40 -0.2
TOV 25.81 13 eP 58 38.50 4.3X
ATB 26.00 64 Pd 58 34.50 -1.5
VAO 27.96 110 eP 58 58.60 4.7X
e 59 17.60
ITA 29.93 108 eP 58 58.60 -13.3X
e 59 17.60
RLO 54.62 341 eP 02 30.50 -1.0
TUL 54.64 340 eP 02 30.60 -1.0
1.2s 39.30nm 5.3mb
Z 19s 0.25um 4.3Msz
e 02 34.30
ALQ 58.15 330 eP 02 56.30 -0.6
1.0s 5.25nm 4.6mb
OTT 60.64 360 eP 03 15.00 1.4
MNT 60.78 2 iPd 03 14.00 -0.5
LHC 64.83 350 eP 03 40.00 -1.3
EUR 66.46 327 iP 03 53.50 1.2
0.4s 2.77nm 4.6mb
KIC 73.42 78 eP 04 35.30 0.4
SPA 74.56 180 e(P) 04 46.00 5.2X
EDM 75.80 338 eP 04 48.00 0.1

YKA 83.58 343 eP 05 31.50 2.2X
INK 93.25 342 eP 06 17.00 1.6
WB2 134.08 221 ePKP 12 23.20 3.4X
WRA 134.09 221 PKPd 12 23.50 3.7X
0.8s 3.30nm
GBA 153.80 91 PKPd 13 04.20 11.1X
0.9s 4.40nm
S.D. = 1.4 on 17 of 31 obs.

* FEB 02, 1985 06h 33m 11.45± 0.69s
52.127 N ±14.1km 170.919 W ± 8.0km
DEPTH = 33.0km (normal)
4.5mb (18 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS (9)

ADK 3.57 268 eP 34 06.00 0.2
TTA 13.42 30 eP 36 22.00 0.2
COL 17.45 34 eP 37 16.00 2.5X
FBA 17.45 34 eP 37 13.50 0.0
INK 24.08 34 eP 38 24.00 -0.2
MBC 31.11 21 eP 39 29.00 0.7
YKA 31.12 48 eP 39 29.50 0.9
EDM 34.11 65 eP 39 55.00 0.1
BDW 41.37 78 eP 40 55.10 -0.9
LHC 49.70 60 eP 42 01.50 -0.3
DAG 50.16 8 iPd 42 04.30 -0.7
0.6s 6.00nm 4.8mb
SCH 56.29 42 eP 42 50.00 -0.8
SOD 60.10 352 eP 43 16.00 -1.2
KJF 63.11 351 eP 43 37.00 -0.4
SUF 64.71 351 iP 43 47.10 -0.8
0.5s 1.70nm 4.4mb
NUR 67.02 352 eP 43 57.00 -5.7X
NB2 67.17 359 P 44 01.00 -2.7
0.7s 3.20nm 4.5mb
HFS 68.03 358 eP 44 07.80 -1.2
0.6s 3.60nm 4.6mb
PKI 76.52 298 eP 45 00.20 0.0
KHC 79.05 357 iPd 45 14.50 1.1
1.2s 10.00nm 4.7mb
CDF 79.83 1 eP 45 18.00 0.3
BSF 80.40 2 eP 45 21.20 0.4
0.8s 3.70nm 4.4mb
LOR 80.88 4 eP 45 23.60 0.4
0.9s 3.90nm 4.4mb
SSF 81.08 4 eP 45 24.70 0.5
0.7s 3.70nm 4.5mb
KBA 81.11 357 iPc 45 25.60 1.0
0.8s 8.60nm 4.8mb
LBF 81.17 4 eP 45 25.20 0.4
1.0s 6.20nm 4.6mb
MFF 81.33 6 eP 45 26.10 0.6
1.0s 8.00nm 4.7mb
AVF 81.34 4 eP 45 26.20 0.6
0.9s 3.20nm 4.3mb
SMF 81.50 4 iPc 45 27.00 0.5
0.9s 8.10nm 4.7mb
TCF 81.79 5 eP 45 28.20 0.2
1.0s 3.50nm 4.3mb
MZF 81.88 5 iPc 45 29.30 0.9
0.8s 4.20nm 4.5mb
LFF 83.05 6 eP 45 35.40 0.9
0.7s 2.70nm 4.5mb
EPF 84.92 6 eP 45 44.60 0.5
0.8s 2.60nm 4.5mb
GBA 92.12 295 Pd 46 18.00 -0.7
0.8s 2.60nm 4.7mb
MTD 140.49 325 ePKP 52 40.00 0.9
BUL 144.63 327 iPKPc 52 45.00 -1.3
S.D. = 0.9 on 34 of 36 obs.

* FEB 02, 1985 06h 36m 23.75± 0.88s
20.363 S ±12.6km 178.375 W ± 9.0km
DEPTH = 559.0 ± 8.9 km
4.5mb (13 obs.)
FIJI ISLANDS REGION (181)

SGE 4.46 308 iPc 37 50.70 0.2
YSA 5.30 313 eP 37 57.20 -0.1
AFI 9.00 46 P 38 25.00 -7.5X
S 40 03.00
CAN 32.30 236 eP 42 09.10 0.5
YOU 32.46 238 eP 42 05.50 -4.5X
ASPA 44.21 257 eP 43 45.00 -0.4
WB2 44.26 262 iPd 43 45.80 0.0
WRA 44.27 262 Pd 43 45.60 -0.3
0.8s 12.70nm 4.5mb

MTN 48.81 271 eP 44 20.00 -0.5
KNA 50.30 266 iPc 44 31.50 0.1
WBN 50.60 252 iPd 44 33.20 -0.4
KLB 57.79 245 eP 45 23.40 -0.7
SPA 69.76 180 iPd 46 39.30 -0.2
1.0s 12.50nm 4.4mb
PAS 78.85 47 eP 47 30.00 -0.5
MWC 78.97 47 eP 47 31.00 -0.4
RMT 79.31 40 P 47 34.00 1.3
RVR 79.31 48 eP 47 32.00 -0.9
PLM 79.32 48 eP 47 33.00 -0.2
SBB 79.39 47 eP 47 33.00 -0 4
ISA 79.49 46 eP 47 34.00 0 1
JAS1 79.52 43 P 47 34.50 0.6
0.8s 6.34nm 4.1mb
WKTM 79.59 46 P 47 34.30 -0.1
ORV 79.80 41 P 47 36.00 0.7
CLC 80.17 46 eP 47 38.00 0.6
TPC 80.30 48 eP 47 38.00 -0.1
GSC 80.42 47 eP 47 39.00 0.2
GLA 80.60 50 eP 47 40.00 0.3
MNA 81.26 44 P 47 43.60 0.5
BMN 82.99 42 iPd 47 52.10 0.4
0.9s 13.28nm 4.5mb
EUR 83.26 44 iP 47 53.00 -0.2
0.2s 11.16nm 5.1mb
TTA 84.87 10 P 48 00.00 -0.4
1.0s 14.75nm 4.6mb
PMR 84.97 14 P 48 00.10 -0.6
0.6s 5.54nm 4.4mb
PNT 86.74 34 eP 48 10.00 0.5
0.9s 15.00nm 4.7mb
LTX 87.28 57 eP 48 13.60 0.9
NEW 87.47 36 P 48 13.20 0.1
MOT 87.58 56 eP 48 13.90 -0.3
ALQ 87.59 51 eP 48 13.80 -0.3
1.0s 7.00nm 4.4mb
IMA 88.17 10 P 48 15.80 -0.3
COL 88.18 13 iP 48 15.20 -0.8
0.8s 26.12nm 5.1mb
pP 50 14.10 538kmX
FBA 88.18 13 P 48 15.30 -0.7
0.8s 28.97nm 5.2mb
LRM 88.83 40 eP 48 20.00 0.3
BDW 89.10 43 eP 48 20.10 -0.9
1.0s 6.20nm 4.5mb
BDT 89.24 289 eP 48 22.80 1.1
CHG 89.87 290 eP 48 27.50 2.8X
CHTO 89.87 290 eP 48 27.30 2.7
0.7s 5.08nm 4.6mb
INK 94.23 15 eP 48 42.00 -1.6
KJF 132.83 345 ePKP 54 22.00 -14.3X
0.5s 11.20nm
i 54 37.00
SUF 134.45 344 ePKP 54 38.00 -1.4
0.5s 1.50nm
NUR 136.71 344 iPKP 54 43.00 -0.8
NB2 138.80 353 PKP 54 36.60 -11.1X
0.6s 1.50nm
HFS 139.35 351 ePKP 54 40.90 -7.7X
0.5s 2.80nm
EKA 144.90 5 PKPd 54 58.00 -0.4
1.1s 29.80nm
DMU 145.89 9 iPKPc 55 01.60 1.5
0.7s 50.00nm
DCN 146.37 10 iPKPc 55 02.40 1 6
0.7s 50.00nm
DDK 146.47 9 iPKPc 55 03.20 2.2X
0.9s 67.00nm
DLE 146.54 9 iPKPc 55 03.40 2.3X
0.7s 40.00nm
KRA 146.99 338 iPKPc 55 05.20 3 3X
e 55 08.60
KSP 147.46 343 iPKPd 55 06.40 3.7X
0.8s 35.00nm
SPC 147.61 337 ePKP 55 09.00 5.8X
CLL 147.85 347 ePKP 55 03.00 -0.3
i 55 07.40
i 55 11.80
PRU 148.71 344 PKPd 55 09.60 4.9X
e 55 16.00
MOX 148.76 348 ePKP 55 09.00 4.2X
1.5s 34.00nm
SRO 149.46 338 e(PKP)55 12.70 6.9X
e 55 20.50
ZST 149.55 339 ePKP 55 12.00 6.0X
MEM 149.62 354 PKPc 55 12.00 6.0X

02d 06h

TNS 149.72 351 ePKPc 55 12.20 5.9X
KHC 149.74 344 PKP 55 06.50 0.2
i 55 12.80
i 55 20.50
DOU 150.24 356 PKPc 55 13.40 6.5X
WLF 150.54 354 PKP 55 14.60 7.2X
FUR 151.19 347 iPKPc 55 15.60 7.1X
KIC 164.77 155 ePKP 55 24.90 -0.4
e 56 24.70
S.D. = 0.8 on 51 of 71 obs.

% FEB 02, 1985 07h 18m 31.11± 1.24s
39.961 N ±10.9km 28.742 E ± 6.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

KCT 0.41 314 iPg 18 39.10 -0.4
TTK 0.57 250 iPg 18 41.90 -0.8
iSg 18 50.60
BNT 0.74 302 iPg 18 47.60 1.9
iSg 19 00.60
EDC 0.78 300 iPg 18 45.50 -0.7
iSg 18 57.50
ISK 1.13 12 ePn 18 51.30 -0.9
KGT 1.21 294 ePn 18 54.10 0.5
CTT 1.21 349 iPn 18 53.60 0.0
GPA 1.25 74 iPn 18 54.80 0.5
S.D. = 1.1 on 8 of 8 obs.

FEB 02, 1985 08h 48m 54.26± 0.57s
63.590 N ± 6.3km 149 984 W ± 6.2km
DEPTH = 33.0km (normal)
CENTRAL ALASKA (1)
ML 3.3 (PMR).

COL 1.63 35 eP 49 21.00 0.0
i 49 23.20
eS 49 44.00
FBA 1.63 35 eP 49 21.00 0.0
PME 2.02 167 eP 49 26.00 -0.6
TOA 2.30 129 eP 49 30.50 -0.2
TTA 2.81 259 eP 49 37.50 -0.4
SVW 3.62 229 eP 49 50.00 0.6
DWY 4.70 80 P 50 04.00 -0.6
PNL 6.40 123 eP 50 29.50 0.9
INK 8.20 48 eP 50 54.00 0.2
YKA 15.96 78 eP 52 45.50 8.0X
S.D. = 0.6 on 9 of 10 obs.

• FEB 02, 1985 09h 50m 08.69± 0.82s
31.575 S ± 9.5km 67.812 W ±10.2km
DEPTH = 20.2 ± 7.9 km
SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.37 265 iPd 50 11.00 -5.5X
RTLL 0.61 293 iPd 50 14.60 -6.1X
RTCV 0.68 245 iPd 50 17.20 -4.6X
JACH 2.60 244 iPd 50 51.90 1.3X
iS 51 26.20
FCH 2.73 230 iP 50 47.00 -5.6X
TCA 2.76 86 iPc 50 52.50 -0.3
e 50 57.00
S 51 24.00
VCA 2.85 353 ePd 50 53.80 -0.2
S 51 31.50
BACH 2.88 231 eP 50 56 00 1.6X
iS 51 35.50
PEL 2.89 237 iPc 50 55.00 0.4
iS 51 34.00
i 51 34.90
TLL 2.93 298 iPd 50 55.00 -0.3X
PDC- 3.05 242 iP 50 56.50 -0.4
iS 51 38.50
SAN 3.05 231 iP 50 56.50 -0.3
iS 51 38.50
PCH 3.06 227 iPc 50 57.90 0.9
iS 51 41.50
TACH 3.35 231 iP 51 01.00 -0.1
iS 51 49.00
CHCH 3.36 225 iP 51 02.50 1.3
LNV 3.85 231 iP 51 06.50 -1.6
i 52 03.70
SLA 7.12 17 e(P) 51 55.00 0.5
VBA 8.05 145 eP 52 03.10 -4.2X
S.D. = 1.0 on 10 of 18 obs.

• FEB 02, 1985 10h 23m 20.14± 0.95s
17.196 N ±11.8km 94.340 W ±10.3km
DEPTH = 33.0km (normal)
4.1mb (2 obs.)
CHIAPAS, MEXICO (61)

OXX 2.28 268 iPd 23 56.40 0.0
iS 24 21.40
VHO 2.29 271 iP 23 56.50 0.0
iS 24 19.50
COM 2.32 114 eP 24 02.00 5.0X
iS 24 34.50
TPX 3.03 138 eP 24 07.20 0.3
iS 24 45.80
LJX 3.54 312 iPd 24 17.10 2.6
iS 24 58.80
IIT 4.19 296 eP 24 27.00 3.4X
TPM 4.83 292 iP 24 34.00 1.4X
iS 25 26.50
III 5.02 284 iP 24 35.50 0.0
i 25 25.00
TAC 5.11 296 eP 25 14.00 37.3X
ACX 5.29 267 iPd 24 34.10 -4.9X
e 24 59.20
IIC 5.32 299 eP 24 38.50 -1.2
OXM 5.49 293 iP 24 44.00 1.8X
i 25 46.50
CRX 5.53 294 eP 24 44.70 2.1X
LTX 14.80 326 eP 26 52.30 3.3X
MOT 16.06 328 eP 27 08.00 2.7X
TUL 18.69 356 eP 27 41.40 3.5X
0.7s 14.90nm 4.3mb
e 27 58.20
RLO 18.91 358 eP 27 40.60 0.0
ALQ 20.72 331 eP 27 59.70 -0.9
0.8s 3.92nm 3.8mb
GLA 24.29 314 eP 28 35.00 -0.7
S.D. = 1.3 on 9 of 19 obs.

FEB 02, 1985 11h 06m 47.23± 0.12s
43.838 N ± 3.0km 147.686 E ± 2.2km
DEPTH = 42.0km (34 depth phases)
5.6mb (92 obs.) 5.1Msz (7 obs.)
KURIL ISLANDS (221)
Felt (II JMA) at Nemuro,
Hokkaido, Japan.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: BS, 18C
Centroid Location:
Origin Time 11:06:48.8 0.6
Lat 43.51N 0.05 Lon 148.00E 0.08
Dep 45.2 3.9 Half-duration 2.1
Moment Tensor; Scale 10**24 D-CM
Mrr= 1.60 0.07 Mtt=-0.80 0.10
Mff=-0.80 0.09 Mrt= 0.78 0.10
Mrf= 0.57 0.10 Mtf=-1.27 0.09
Principal Axes:
T Val= 1.84 Plg=75 Azm=339
N 0.45 6 227
P -2.30 14 136
Best Double Couple:Mo=2.1*10**24
NP1:Strike=218 Dip=32 Slip= 79
NP2: 51 59 97

NEM 1.61 252 eP 07 12.00 -1.6
S 07 29.50
ABJ 2.47 275 Pd 07 26.70 0.9
eS 07 56.00
KUS 2.55 251 eP 07 26.00 -1.0
S 07 54.40
OBI 3.38 256 eP 07 39.00 0.2
eS 08 19.00
ASA 3.85 271 eP 07 47.00 1.6
S 08 32.40
URA 3.97 247 eP 07 49.00 1.8
iS 08 36.30
RMJ 4.38 274 eP 07 55.00 2.0
e 09 02.00
WAK 4.57 292 eP 07 57.00 1.3
e 08 54.00
SAP 4.69 263 eP 07 59.00 1.6
eS 08 56.00
MRR 5.14 255 eP 08 06.00 2.3
eS 09 05.00
HAK 5.48 251 eP 08 08.00 -0.5
eS 09 11.00
TSK 9.58 220 eP 09 00.30 -5.2X

DDR 10.19 223 eP 09 08.60 -5.3X
e 10 54.90
KYS 10.40 217 eP 09 15.10 -1.7X
SRY 10.46 221 eP 09 11.80 -5.8X
OYM 10.63 221 eP 09 16.20 -3.7X
MDJ 13.01 280 eP 09 51.50 -0.3X
S 12 11.00
SHK 14.87 236 ePd 10 13.70 -2.6X
CN2 16.05 278 P 10 26.00 -5.4X
SNY 17.78 272 iP 10 50.80 -3.1X
pP 11 02.00
eS 14 03.00
DL2 20.13 265 eP 11 19.00 -1.3
S 15 01.50
BJI 23.67 272 eP 11 55.00 -0.6
Z 20s 5.40um 5.0Msz
N 17s 3.00um
eS 16 07.00
SSE 24.46 248 P+ 12 03.50 0.2
5.0s 1.80nm 2.9mb X
N 20s 2.60um
E 20s 2.70um
pP 12 16.00 50km
S 16 16.00
sS 16 32.00
TIA 24.51 262 Pc 12 03.10 -0.7
pP 12 14.20 43km
S 16 25.00
NJ2 25.47 252 iPc 12 12.00 -0.9
pP 12 23.00 42km
HHC 26.73 276 eP 12 25.00 0.3
TIY 27.24 269 iPc 12 29.00 -0.3
pP 12 39.00 36km
S 17 09.00
BTO 27.93 277 iPc 12 34.50 -1.0
pP 12 45.50 41km
ANP 28.30 237 eP 12 39.00 0.1
WHN 29.47 254 iPc 12 49.00 -0.3
sP 13 05.00
eS 17 42.00
QZH 30.29 241 Pc 12 56.00 -0.6
pP 13 07.00 40km
S 17 58.00
XAN 31.45 265 Pc 13 05.40 -1.5
sP 13 21.00
LZH 34.16 272 iPc 13 30.50 0.0
1.5s 459.00nm 6.2mb
E 18s 4.10um
pP 13 39.00 29kmX
sP 13 46.00
eS 18 54.00
GZH 34.99 245 P 13 38.20 0.7
HKC 35.00 243 eP 13 38.00 0.4
GTA 35.66 280 Pc 13 42.60 -0.7
pP 13 52.20 32km
PcP 16 11.60
eS 19 15.20
ScS 23 58.80
BAG 35.71 229 eP 13 42.00 -1.9
eS 19 10.00
CD2 36.80 265 Pc 13 52.40 -0.5
pP 14 02.40 34km
S 19 32.00
MAN 36.89 226 eP 13 54.20 0.6
1.0s 533.00nm 6.4mb
TTA 37.11 39 eP 13 56.20 1.1
GYA 37.32 256 Pc 13 56.00 -1.3
PcP 16 16.60
S 19 40.00
PGP 37.93 225 iPd 14 05.00 2.7
0.5s 35.80nm 5.5mb
BRW 38.25 25 eP 14 03.80 -0.7
IMA 38.39 34 eP 14 06.50 0.6
QIZ 40.16 244 Pc 14 22.00 1.1
PMR 40.34 41 P 14 21.90 0.0
PME 40.38 41 eP 14 23.50 1.2
1.0s 25.00nm 4.9mb
CGP 40.55 216 ePc 14 21.00 -3.1X
COL 40.80 36 iPc 14 26.30 0.7
1.1s 262.66nm 5.9mb
Z 21s 1.79um 4.9Msz
e 14 38.00 42km
eS 20 35.00
FBA 40.80 36 eP 14 26.00 0.4
1.0s 135.00nm 5.6mb
KMI 40.91 258 Pc+ 14 27.00 -0.3
4.0s 0.90nm 2.9mb X

02d 11h

N 15s 1.30um
pP 14 35.00 27kmX
sP 14 45.00
PP 16 03.00
S 20 35.00
sS 20 53.00
SS 23 35.00
DAV 41.41 214 eP 14 30.00 -1.2
WMQ 42.42 292 Pc 14 38.50 -0.9
pP 14 48.50 34km
PcP 16 38.00
PNL 45.37 43 eP 14 43.80 -19.0X
INK 46.14 30 eP 15 08.00 -0.8
0.9s 119.00nm 5.8mb
LSA 46.58 272 eP 15 09.00 -4.3X
CHG 47.68 254 iPc 15 21.50 -0.1
1.0s 87.50nm 5.7mb
eS 22 28.00
CHTO 47.68 254 eP 15 21.30 -0.2
SHL 48.43 267 iP 15 20.40 -7.1X
eS 22 20.80
MBC 48.61 19 eP 15 26.30 -1.7
0.7s 11.00nm 5.0mb
BDT 48.71 253 iPd 15 27.30 -2.1
1.0s 44.80nm 5.5mb
NST 49.02 250 eP 15 33.90 2.0
BGA 50.21 170 eP 15 50.00 8.9X
PAA 50.40 170 e(P) 15 43.00 0.5
KHT 50.70 251 eP 15 45.80 1.1
NNT 51.49 248 eP 15 51.10 0.3
KKN 51.90 274 iPc 15 53.40 -0.7
0.8s 170.00nm 6.1mb
PKI 51.93 274 iPc 15 53.40 -1.1
KSH 52.22 292 Pc 15 57.00 0.8
PP 17 55.00
PMG 52.99 181 eP 16 15.00 13.1X
ALE 53.01 5 eP 15 58.00 -3.4X
0.8s 11.00nm 4.9mb
SVO 53.87 165 e(P) 16 08.00 -0.4
HNR 54.17 165 eP 16 18.00 7.4X
MKS 55.06 215 e(P) 16 17.00 -0.1
YKA 55.51 34 eP 16 20.20 0.3
RSNT 55.53 34 eP 16 20.00 0.0
1.0s 29.00nm 5.3mb
IPM 56.65 240 ePd 16 29.00 0.4
NDI 57.17 280 iPc 16 31.00 -1.3
0.8s 149.25nm 6.1mb
iS 24 23.50
KGM 57.24 236 ePd 16 33.30 0.5
MTN 58.40 199 eP 16 40.00 -0.8
KEV 58.77 340 eP 16 40.00 -2.9
eS 24 52.00
eSS 29 14.00
DAG 59.36 356 iPd 16 43.60 -3.3X
0.9s 9.24nm 4.9mb
PSI 59.42 241 ePd 16 47.50 -0.5
0.7s 17.20nm 5.3mb
PNT 60.03 49 eP 16 51.00 -0.9
0.8s 24.00nm 5.4mb
SOD 60.53 338 iP 16 52.30 -2.7
PPI 60.96 237 eP 16 56.50 -2.0
EDM 61.07 43 ePc 16 58.00 -1.0
1.0s 52.00nm 5.6mb
KNA 61.77 201 eP 17 03.00 -0.9
NEW 61.98 49 eP 17 05.00 -0.2
1.0s 21.00nm 5.2mb
e 17 19.00 50km
KJF 62.46 335 iP 17 06.20 -1.8
1.0s 38.00nm 5.5mb
eS 25 28.00
eSSS 32 46.00
HYB 63.17 269 ePc 17 11.80 -1.5
0.8s 115.40nm 6.0mb
e 17 22.50 35km
WDC 63.29 58 ePc 17 14.00 0.1
OUE 63.50 287 eP 17 15.00 -0.6
e(S) 25 48.00
RMT 63.60 59 P 17 16.60 0.7
CTA 63.62 182 iPd 17 15.50 -0.6
1.3s 41.35nm 5.4mb
iS 25 46.00
MIN 64.01 58 eP 17 18.30 -0.5
e 17 31.30 45km
SUF 64.01 334 iP 17 15.60 -2.7
0.4s 16.20nm 5.4mb
ORV 64.54 59 ePc 17 21.50 -0.6
e 17 34.60 46km

WB2 64.64 194 eP 17 21.20 -1.5
WRA 64.64 194 Pd 17 21.50 -1.2
0.9s 20.30nm 5.2mb
MHI 64.83 297 eP 17 23.00 -1.1
eS 26 06.00
BRK 65.08 61 eP 17 25.20 -0.3
BKS 65.09 61 e(P) 17 25.80 0.2
e 17 40.00 51km
PCC 65.22 61 eP 17 26.40 -0.1
FFC 65.40 37 ePc 17 27.10 -0.2
1.0s 71.00nm 5.7mb
GCC 65.75 61 eP 17 29.20 -0.7
MHC 65.79 61 eP 17 29.80 -0.5
POO 65.85 273 iP 17 28.90 -1.8
LRM 66.00 49 eP 17 31.70 0.0
NUR 66.14 333 iP 17 30.10 -1.8
Z 16s 2.30um 5.5MszX
eSSS 34 04.00
GDH 66.14 8 iPd 17 30.80 -1.0
0.8s 22.39nm 5.3mb
JAS1 66.20 60 ePc 17 32.80 0.0
SLD 66.22 61 P 17 33.40 0.5
GBA 66.48 266 Pd 17 34.00 -0.7
0.8s 94.50nm 5.9mb
PRS 66.58 62 eP 17 34.90 -0.3
BMN 66.62 56 iP 17 35.60 0.0
0.9s 23.44nm 5.2mb
HPI 66.97 51 P 17 38.60 0.7
FRI 67.22 60 eP 17 39.00 -0.2
MNA 67.29 58 eP 17 40.20 0.3
e 17 53.30 45km
EUR 67.96 56 iP 17 44.20 0.0
0.5s 25.93nm 5.5mb
ASPA 68.35 194 eP 17 46.00 -0.3
CWC 68.59 60 eP 17 48.00 0.0
ISA 68.83 61 eP 17 48.00 -1.4
UPP 68.85 336 iP 17 47.50 -1.5
VPEM 69.06 60 P 17 50.90 0.0
CLC 69.28 60 eP 17 52.00 -0.2
DUG 69.38 54 P 17 52.80 0.0
0.9s 27.31nm 5.2mb
MBL 69.54 208 iPd 17 53.20 -0.4
BDW 69.54 50 eP 17 53.10 -0.8
1.0s 22.20nm 5.1mb
pP 18 20.00 106kmX
NB2 69.66 339 P 17 50.00 -4.0X
0.9s 38.30nm 5.4mb
HFS 69.76 337 eP 17 52.90 -1.6
0.4s 17.90nm 5.4mb
Z 13s 1269.00um 8.3MszX
LR 45 37.00
SBB 69.86 61 eP 17 56.00 0.3
PAS 69.98 62 eP 17 47.00 -9.4X
MWC 70.01 62 eP 17 57.00 0.3
GSC 70.11 60 eP 17 57.00 -0.2
SDW 70.38 61 P 17 59.20 0.2
PLM 71.33 62 eP 18 05.00 0.2
TPC 71.36 61 eP 18 04.00 -0.8
RSSD 71.62 46 eP 18 05.60 -0.8
pP 18 24.70 71kmX
RSON 71.69 36 eP 18 05.30 -1.1
1.0s 27.50nm 5.2mb
TAB 71.86 305 eP+ 18 08.00 0.2
BAR 71.89 62 eP 18 08.00 0.1
GLA 72.81 61 eP 18 14.00 0.6
COP 73.87 335 iPd 18 19.20 0.2
0.9s 100.84nm 5.8mb
KER 73.87 302 ePc 18 19.00 -0.7
GOL 73.95 50 eP 18 20.30 0.1
1.1s 6.41nm 4.5mb X
GLD 74.00 50 eP 18 21.30 0.9
1.4s 51.35nm 5.3mb
MSL 74.87 306 iP 18 30.50 5.3X
MEK 75.03 207 eP 18 25.00 -1.1
LHC 75.41 35 eP 18 26.50 -1.6
KRA 75.99 326 iPc 18 31.00 -0.3
1.1s 246.00nm 6.1mb
Z 14s 2.60um 5.7MszX
i 18 41.50 34km
i 18 46.00
BRN 76.41 333 eP 18 34.00 0.4
VRI 76.49 322 eP 18 35.00 0.8
SPC 76.57 328 iPc 18 35.60 0.8
i 18 47.00 38km
ALO 76.64 54 eP 18 35.00 -0.5
1.0s 13.75nm 4.9mb
Z 20s 0.80um 5.0Msz

KSP 76.68 331 ePc 18 35.00 -0.2
1.1s 144.00nm 5.9mb
id 18 36.00 3kmX
JOS 77.02 327 ePc 18 36.60 -0.5
1.0s 53.10nm 5.5mb
ISR 77.13 322 eP 18 40.00 2.1
CLL 77.41 333 iP 18 38.50 -0.7
1.2s 230.00nm 6.1mb
i 18 52.90 50km
SCH 77.44 20 eP 18 39.00 -0.3
PSN 77.50 320 eP 18 41.00 1.3
CMP 77.70 323 ePd 18 41.00 0.0
YOU 77.75 179 iPd 18 42.80 1.7
i 18 56.40 47km
PRU 78.01 331 Pc 18 42.50 0.0
1.2s 85.80nm 5.7mt
Z 18s 2.40um 5.6Msz
N 18s 1.60um
E 18s 0.80um
e 18 57.00 51km
WIT 78.05 337 eP 18 43.00 0.4
e 18 56.00 44km
EKA 78.15 343 P 18 43.00 -0.2
0.7s 48.30nm 5.6mb
MRWA 78.28 208 iPd 18 44.30 0.1
BUD 78.43 327 iPc 18 44.90 0.0
1.4s 114.60nm 5.7mb
MOX 78.44 333 ePc 18 43.50 -1.4
1.5s 157.00nm 5.8mb
Z 18s 1.60um 5.4Msz
E 22s 1.10um
e 18 59.00 55kmX
SRO 78.44 328 iPd 18 46.00 1.1
ZST 78.58 329 iPc 18 46.00 0.3
WTS 78.74 337 eP 18 46.00 -0.4
1.0s 171.00nm 6.0mb
e 18 57.00 36km
CAN 78.79 179 eP 18 48.60 1.8
e 19 00.80 41km
VKA 78.82 329 iPc 18 47.30 0.3
1.4s 125.00nm 5.7mb
i 19 02.00 51km
RTB 78.84 305 ePd 18 49.50 2.2
GPA 79.05 316 eP 18 47.80 -0.6
KHC 79.07 331 iPc 18 49.00 0.6
1.0s 103.50nm 5.7mb
Z 17s 1.90um 5.5MszX
i 19 03.20 49km
e 21 33.10
SOP 79.21 329 iPc 18 49.20 0.1
1.2s 79.20nm 5.6mb
WET 79.30 332 iPc 18 49.90 0.3
1.3s 126.00nm 5.7mb
Z 17s 3.20um 5.7MszX
BAL 79.32 207 eP 18 49.80 0.0
GRF 79.39 333 iPc 18 50.30 0.2
1.2s 182.00nm 5.9mb
Z 19s 1.50um 5.4Msz
BNS 79.54 336 eP 18 51.20 0.4
1.1s 135.00nm 5.8mb
WAM 79.66 179 eP 18 53.40 2.0
e 19 08.90 55kmX
TNS 79.81 335 eP 18 52.20 -0.2
KLB 79.90 206 eP 18 52.70 -0.2
BEO 80.02 325 iP 18 53.30 -0.2
iPcP 19 03.60
ENN 80.08 336 eP 18 53.50 -0.2
0.9s 92.00nm 5.7mb
e 19 04.00 33km
BNT 80.18 318 iP 18 55.50 1.0
MEM 80.20 336 P 18 54.00 -0.3
DMU 80.24 345 iPc 18 54.30 -0.2
1.0s 170.00nm 6.0mb
PLD 80.34 321 eP 18 54.00 -1.2
KDZ 80.40 320 iP 18 56.00 0.4
KGT 80.40 318 iP 18 56.40 0.8
UCC 80.50 337 P 18 56.30 0.4
BHG 80.52 331 eP 18 56.40 0.3
TTK 80.57 317 iP 18 56.30 -0.3
DDK 80.62 345 iPc 18 56.30 -0.2
1.0s 123.00nm 5.8mb
VTS 80.62 322 iP 18 57.00 0.3
FUR 80.69 332 eP 18 57.00 -0.1
1.2s 126.00nm 5.8mb
DLE 80.75 345 iPc 18 56.90 -0.3
1.1s 185.00nm 6.0mb
DCN 80.84 345 iPc 18 57.50 -0.2

02d 11h

1.1s 214.00nm 6.0mb
STU 80.85 334 e(P)d 18 58.00 0.1
1.0s 80.00nm 5.6mb
KBA 80.90 330 iPc 18 58.20 -0.2
1.1s 99.10nm 5.7mb
i 19 21.20 86kmX
WLF 81.00 336 P 18 59.00 0.4
BCK 81.04 314 eP 18 59.20 0.0
DOU 81.06 337 P 18 59.30 0.4
MMB 81.19 321 iPc 19 00.00 0.2
BUH 81.24 334 eP 18 59.60 -0.4
ETA 81.25 344 iPc 19 00.20 0.3
0.8s 50.00nm 5.5mb
OCO 81.30 48 ePd 19 01.80 1.3
NWAO 81.30 206 eP 19 00.80 0.6
LJU 81.34 329 eP 19 00.30 -0.2
e 19 09.90 30kmX
e 19 30.30
EZN 81.36 318 iP 19 01.00 0.4
VOY 81.59 329 eP 19 01.00 -0.9
i 19 13.90 44km
i 19 33.60
SRS 81.63 321 eP 19 02.90 0.8
CEY 81.64 329 eP 19 01.20 -0.9
ECB 81.67 345 iPc 19 02.60 0.5
1.0s 135.00nm 5.9mb
ECP 81.77 344 iPc 19 03.20 0.7
1.5s 580.00nm 6.4mb
CDF 81.77 335 eP 19 02.60 -0.2
1.0s 44.00nm 5.4mb
OGA 81.90 332 iPc 19 03.50 -0.1
1.2s 67.00nm 5.5mb
KNT 81.91 321 eP 19 04.40 0.9
SKO 81.91 323 iPc 19 03.60 0.1
0.9s 80.00nm 5.7mb
iPcP 19 14.50
eS 29 12.00
TUL 81.91 47 iPd 19 04.30 0.7
1.3s 109.40nm 5.7mb
Z 21s 0.41um 4.8Msz
N 23s 0.25um
E 22s 0.42um
i 19 14.30 32kmX
e 19 36.30
e(S) 29 12.00
TRI 81.91 329 iPd 19 02.70 -0.7
i 19 16.90 49km
VAY 81.93 322 iP 19 03.50 -0.1
ELL 81.94 314 iP 19 03.70 -0.2
SLE 81.96 334 eP 19 04.10 0.4
OUR 82.07 320 eP 19 03.20 -1.1
RLO 82.12 47 iPd 19 05.10 0.4
SAX 82.13 333 eP 19 05.50 0.6
ZUL 82.24 333 eP 19 05.50 0.3
LTX 82.28 57 iP 19 06.30 0.5
pP 19 20.00 47km
GRG 82.29 321 eP 19 06.20 0.6
OSS 82.35 332 eP 19 06.00 0.0
CTI 82.39 331 eP 19 05.60 -0.5
HAU 82.42 335 eP 19 05.80 -0.3
1.0s 21.60nm 5.1mb
BSF 82.44 335 eP 19 05.70 -0.6
1.2s 38.00nm 5.3mb
TTG 82.47 324 eP 19 06.50 0.1
e 20 18.00 304kmX
PAIG 82.53 320 eP 19 07.30 0.5
LLS 82.58 333 eP 19 07.00 -0.2
VAL 82.71 346 iP 19 08.20 0.7
VDL 82.76 332 eP 19 08.60 0.[illegible]
JER 82.77 308 eP 19 07.00 -1.2
OHR 82.88 322 eP 19 08.00 -0.7
i 19 19.10 36km
LIT 82.94 321 eP 19 08.90 0.0
GVI 83.04 308 eP 19 11.00 1.5
FVM 83.05 43 eP 19 10.00 0.5
1.0s 31.00nm 5.3mb
OTT 83.15 29 eP 19 09.50 -0.3
0.5s 16.00nm 5.3mb
pP 19 21.00 37km
SAL 83.16 331 iPd 19 10.00 0.1
MMK 83.64 333 eP 19 13.60 0.9
FLN 83.65 339 eP 19 12.20 -0.1
1.0s 53.60nm 5.6mb
LOF 83.71 339 eP 19 12.70 0.0
1.2s 68.30nm 5.6mb
MNT 83.78 28 iPd 19 13.00 0.0
pP 19 24.00 35km

DIX 83.79 333 eP 19 14.40 0.9
LOR 83.82 336 eP 19 13.10 -0.2
0.9s 44.80nm 5.6mb
PRNI 83.94 307 eP 19 16.00 1.8
EMS 83.96 334 eP 19 14.70 0.5
ORO 84.01 333 eP 19 14.50 0.1
LBF 84.05 336 eP 19 14.40 -0.1
0.9s 27.20nm 5.3mb
GRR 84.09 340 eP 19 14.70 0.1
1.1s 122.00nm 5.9mb
SSF 84.11 336 eP 19 14.70 -0.1
0.9s 27.80nm 5.4mb
ELC 84.19 42 P 19 15.60 0.3
RSNY 84.30 29 eP 19 15.60 -0.1
0.9s 13.45nm 5.1mb
SMF 84.39 336 iPc 19 16.30 0.1
AVF 84.40 336 iPc 19 16.30 0.1
1.1s 53.70nm 5.6mb
LPF 84.46 340 eP 19 16.90 0.4
1.2s 159.70nm 6.0mb
OLY 84.47 45 P 19 16.00 -0.7
BRT 84.62 325 iPd 19 17.90 0.5
LCI 84.76 324 iPd 19 18.20 0.2
BGF 84.76 336 eP 19 18.40 0.4
1.0s 19.20nm 5.2mb
SKLY 84.91 29 P 19 19.50 0.8
AQU 84.91 328 eP 19 19.60 0.7
DUI 85.08 327 eP 19 20.80 1.2
MZF 85.15 337 iPc 19 20.90 0.9
MNS 85.16 328 eP 19 19.50 -0.5
TCF 85.19 337 iPc 19 20.70 0.5
1.1s 44.40nm 5.6mb
BNH 85.37 27 P 19 22.30 1.2
LSF 85.42 337 iPc 19 21.80 0.5
MFF 85.55 338 iPc 19 22.40 0.4
1.1s 107.40nm 6.0mb
ORI 85.63 325 iP 19 23.50 1.1
RMP 85.64 328 eP 19 23.00 0.5
SGO 85.68 326 eP 19 22.80 0.2
FRF 86.28 333 eP 19 25.50 -0.1
1.0s 21.70nm 5.3mb
RJF 86.29 337 eP 19 26.20 0.5
1.0s 40.00nm 5.6mb
LRG 86.47 333 eP 19 26.70 0.2
0.9s 38.90nm 5.6mb
CAF 86.48 336 iPc 19 27.70 1.1
1.0s 64.80nm 5.8mb
LMR 86.53 333 eP 19 26.80 0.0
1.0s 65.60nm 5.8mb
LFF 86.85 337 iPc 19 29.40 1.1
1.0s 55.00nm 5.7mb
LPO 86.95 337 eP 19 29.90 1.0
1.0s 40.00nm 5.6mb
NAV 88.04 37 P 19 34.50 0.2
TKL 88.09 40 P 19 35.20 0.7
BLA 88.29 36 eP 19 35.50 0.0
1.0s 38.00nm 5.6mb
GFM 88.60 38 P 19 37.80 0.6
NA2 88.63 34 P 19 37.80 0.8
EPF 88.71 337 eP 19 37.10 -0.3
0.9s 9.80nm 5.1mb
PRM 90.04 40 eP 19 44.70 0.9
TOL 92.85 339 eP 19 56.00 -0.6
e 20 08.00 39km
e 33 44.00
KRI 121.65 277 ePKP 25 39.00 0.7
ePP 27 18.00
KIC 124.17 326 ePKP 25 42.40 -0.8
SLR 128.21 270 ePKP 25 51.00 0.2
1.0s 23.00nm
BPI 128.65 269 ePKP 25 51.00 -0.7
SPA 133.64 180 e(PKP)26 01.10 1.3
LPB 139.31 59 PKPd 26 13.20 0.9
0.8s 111.94nm
LR 14 06.00
CNCB 139.59 59 PKP 26 15.00 2.0X
TPZ 142.52 65 PKPd 26 21.30 3.4X
ITR 144.65 10 ePKP 26 20.00 -1.2
e 26 31.50
e 26 34.30
e 26 47.30
YJA 145.11 63 ePKPc 26 22.20 -0.2
SLA 146.92 66 ePKPc 26 25.60 0.7
BAO 148.88 30 e(PKP)26 28.00 -0.2
SNA 149.51 200 iPKPd 26 34.00 6.6X
1.1s 50.63nm
S.D. = 0.9 on 286 of 310 obs.

• FEB 02, 1985 11h 39m 26.06± 0.60s
24.107 S ± 8.1km 66.804 W ± 9.8km
DEPTH = 210.2 ± 7.3 km
4.3mb (1 obs.)
SALTA PROVINCE, ARGENTINA (129)

SLA 1.34 118 eP 40 01.80 1.9
S 40 27.00
YJA 2.27 32 iPd 40 09.40 0.4
S 40 40.00
TPZ 3.17 326 iP 40 16.90 -2.1
ANT 3.33 276 iPc 40 20.70 0.2
iS 40 59.40
CNCB 7.34 351 iP 41 12.50 0.3
iS 42 35.00
TCA 7.47 165 iPd 41 13.70 0.4
S 42 36.70
LPB 7.63 351 iPc 41 15.40 -0.5
S 42 39.00
ARE 8.78 329 iPc 41 26.00 -4.7X
eS 42 56.00
VBA 14.50 165 ePc 42 41.20 -1.7
VAO 18.22 91 eP 43 25.10 -1.0
BAO 19.58 68 Pd 43 40.00 -0.2
ITR 31.11 65 eP 45 26.40 -0.6
MOT 65.11 325 eP 49 47.10 0.5
ALQ 69.73 326 eP 50 16.20 0.9
0.9s 5.67nm 4.3mb
YKA 94.29 340 eP 52 23.50 1.6
WB2 131.61 207 ePKP 58 05.70 -10.2X
e 58 17.40
WRA 131.61 207 PKPc 58 18.10 2.2X
0.4s 1.00nm
GBA 144.68 101 PKPd 58 39.70 -0.1
0.5s 9.50nm
S.D. = 1.2 on 15 of 18 obs.

& FEB 02, 1985 13h 13m 49.04s
61.670 N 152.173 W
DEPTH = 116.3km
SOUTHERN ALASKA (2)
<AGS-P>.

SKT 0.44 44 iP 14 05.64 -0.8
SPU 0.49 173 iP 14 05.95 -0.9
iS 14 19.99
SUA 0.71 106 iP 14 08.17 -0.4
iS 14 22.18
NKA 1.03 154 eP 14 12.37 1.0
PWA 1.09 90 iP 14 11.80 -0.2
RDT 1.11 186 iP 14 11.72 -0.5
PLRM 1.46 92 eP 14 14.67 -1.4
PME 1.50 90 eP 14 15.41 -1.2
eS 14 36.71
SLKM 1.50 140 eP 14 15.91 -0.8
ILM 1.53 192 iP 14 16.42 -0.5
MSE 1.53 82 eP 14 16.21 -0.9
GHO 1.55 85 iP 14 16.33 -1.0
eS 14 38.42
NNL 1.69 165 eP 14 19.32 0.4
PTE 1.72 117 iP 14 18.15 -1.1
SVW 1.75 253 iP 14 18.66 -1.1
KNK 1.80 97 iP 14 18.88 -1.4
MPA 1.81 130 iP 14 19.78 -0.6
iS 14 43.00
SML 1.83 84 eP 14 19.33 -1.4
BRLK 2.01 161 eP 14 21.70 -1.3
PWL 2.03 112 iP 14 21.62 -1.5
SEW 2.06 139 eP 14 22.23 -1.3
PDB 2.13 209 iP 14 24.20 -0.3
CFI 2.17 101 iP 14 23.36 -1.6
SCM 2.31 84 eP 14 25.76 -1.1
AUI 2.42 195 eP 14 28.49 0.2
TTV 2.51 102 eP 14 27.74 -1.7
GLI 2.58 106 iP 14 28.20 -2.1
VZW 2.77 100 eP 14 31.04 -1.9
VLZ 2.86 98 eP 14 32.00 -2.0
TOA 2.87 79 eP 14 33.59 -0.7
FID 2.91 106 eP 14 31.70 -3.0
KLU 3.00 91 eP 14 33.87 -2.1
HIN 3.04 112 eP 14 34.26 -2.2
SGAM 3.58 106 eP 14 42.51 -1.2
COL 3.80 29 eP 14 45.00 -1.6
eS 15 28.00
FBA 3.80 29 eP 14 45.07 -1.6
BALM 4.77 93 eP 14 58.77 -1.3
YAH 5.24 100 eP 15 04.76 -1.8

INK 10.29 42 eP 16 13.00 -1.6
YKA 17.45 71 eP 17 46.30 0.2
40 obs. associated

• FEB 02, 1985 15h 41m 38.23± 1.03s
31.332 S ±11.8km 68.942 W ± 8.7km
DEPTH = 135.8 ± 11.7 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL 0.40 90 iPd 41 57.20 -0.6
S 42 11.00
RTCV 0.63 147 iPc 41 59.00 0.0
S 42 12.00
CFA 0.66 115 ePc 41 59.00 -0.2
S 42 13.50
JACH 1.94 226 iP 42 12.50 0.1
iS 42 37.50
FCH 2.29 209 iP 42 18.00 1.1
PEL 2.33 219 iPd 42 17.00 -0.1
iS 42 46.60
ROCH 2.40 226 iPc 42 17.60 -0.5
iS 42 46.00
BACH 2.40 213 iPc 42 18.60 0.6
iS 42 49.50
PCH 2.64 210 iP 42 22.00 0.9
iS 42 49.60
VCA 2.66 14 ePd 42 23.50 2.1X
S 42 56.00
TACH 2.86 216 iP 42 24.00 0.1
iS 42 54.50
CHCH 2.97 209 iP 42 25.50 0.2
LNV 3.34 218 iPd 42 28.60 -1.5
TCA 3.72 91 iPd 42 36.30 1.0
CYA 3.97 44 e(P) 42 38.50 0.0
VBA 8.82 141 ePd 43 43.00 -1.0
S.D. = 0.8 on 15 of 16 obs.

FEB 02, 1985 15h 50m 58.73± 0.27s
79.669 N ± 3.7km 3.821 E ± 5.3km
DEPTH = 10.8km (geophysicist)
4.5mb (21 obs.) 4.3Msz (1 obs.)
GREENLAND SEA (640)

DAG 5.43 249 iPc 52 16.50 -5.1X
0.5s 98.59nm 5.7mb X
i 53 14.00
ALE 10.07 316 eP 53 20.50 -5.7X
KEV 11.53 137 eP 53 46.00 -0.1
eS 55 54.00
SOD 13.75 141 iP 54 14.00 -1.7
iS 56 35.40
KJF 16.94 143 iP 54 55.80 -1.1
0.7s 21.40nm 4.4mb
eS 58 14.00
GDH 17.50 266 iPc 54 54.50 -9.4X
1.0s 98.00nm 4.9mb
i 57 58.00
i 00 27.00
SUF 18.22 146 iP 55 11.30 -1.5
0.6s 3.10nm 3.6mb
NB2 18.86 169 P 55 18.30 -2.4
1.5s 32.10nm 4.3mb
HFS 19.86 165 eP 55 31.30 -1.0
1.1s 23.50nm 4.4mb
NUR 20.25 149 iP 55 37.00 0.7
0.8s 20.50nm 4.5mb
Z 22s 1.40um 4.3Msz
eS 59 26.00
MBC 21.35 327 eP 55 47.10 -0.4
0.9s 10.00nm 4.2mb
CLL 28.65 168 eP 56 57.00 0.0
1.8s 20.00nm 4.6mb
KSP 29.27 164 eP 57 02.50 0.0
e 57 13.00
MOX 29.27 170 eP 57 03.00 0.4
e 57 25.00
WLF 30.14 177 P 57 17.40 7.1X
KRA 30.26 159 ePc 57 12.10 0.7
i 57 22.10
INK 30.28 330 eP 57 10.00 -1.4
KHC 30.85 167 eP 57 18.00 1.3
SPC 31.14 159 e(P) 57 20.30 0.9
e 57 31.50
HAU 31.80 177 eP 57 25.60 0.6
ZST 31.95 163 e(P) 57 27.00 0.8
SRO 32.40 162 eP 57 38.00 7.9X
LOR 32.53 180 iPd 57 31.00 -0.3
0.8s 2.60nm 4.2mb
LBF 32.81 180 iPc 57 33.80 0.0
1.0s 9.20nm 4.7mb
AVF 33.00 181 iPd 57 35.40 0.0
1.0s 6.00nm 4.5mb
SCH 33.20 266 eP 57 36.00 -1.1
MFF 33.22 185 iPd 57 36.90 -0.4
BGF 33.24 181 iPd 57 37.40 -0.1
1.0s 20.30nm 5.0mb
TCF 33.51 182 iPd 57 39.70 -0.2
1.1s 10.90nm 4.7mb
LSF 33.55 183 iPd 57 39.90 -0.3
0.8s 4.90nm 4.5mb
MZF 33.58 182 eP 57 40.50 0.0
1.1s 12.20nm 4.7mb
YKA 33.77 313 eP 57 54.00 12.0X
VOY 33.96 167 eP 57 44.20 0.3
e 57 55.00
LJU 33.98 167 e(P) 57 44.30 0.4
e 57 55.00
CEY 34.28 167 eP 57 47.00 0.5
e 57 57.50
TRI 34.28 168 eP 57 46.90 0.4
e 57 56.90
RJF 34.50 183 eP 57 48.50 0.1
1.1s 6.80nm 4.5mb
COL 34.73 339 eP 57 50.00 -0.2
EPF 36.79 184 iPd 58 08.20 0.3
1.1s 14.60nm 4.7mb
TOL 40.03 189 e(P) 58 47.00 12.1X
EDM 42.58 308 eP 59 02.50 6.7X
MAL 43.18 190 eP 59 02.50 1.7
i 59 14.00
LHC 43.36 284 eP 59 03.00 0.9
WMQ 46.17 86 Pc 59 26.50 1.7
MHI 48.55 117 eP 59 45.00 1.4
CN2 52.42 51 Pc 00 13.00 0.1
eS 07 38.00
GTA 52.60 76 Pc 00 14.80 0.3
BTO 53.19 66 eP 00 18.50 -0.3
SNY 54.09 53 P 00 25.40 0.2
BJI 54.72 60 eP 00 30.00 0.1
BMN 55.64 308 e(P) 00 37.00 0.2
1.0s 2.00nm 4.1mb
TIA 58.62 60 eP 00 57.80 0.1
XAN 59.40 69 eP 01 02.20 -1.1
PKI 61.56 93 eP 01 06.70 -11.7X
0.6s 6.00nm
GYA 66.43 72 P 01 50.00 0.1
HYB 70.25 102 eP 02 13.20 -0.4
CHG 72.54 81 eP 02 27.00 -0.4
CHTO 72.54 81 eP 02 26.90 -0.5
1.0s 2.75nm 4.3mb
GBA 73.78 104 Pd 02 35.00 0.5
1.0s 10.50nm 4.8mb
BNG 75.55 165 ePd 02 47.90 3.1X
1.5s 25.00nm 5.1mb
ic 02 49.20
ic 02 54.40
PSI 88.29 84 ePd 03 51.30 0.2
S.D. = 0.8 on 51 of 61 obs.

• FEB 02, 1985 15h 51m 53.18± 1.24s
7.607 S ±10.9km 129.109 E ±13.4km
DEPTH = 132.9 ± 15.2 km
5.0mb (4 obs.)
BANDA SEA (280)

AAI 4.00 347 ePd 52 53.60 -0.2
MTN 5.57 159 iPd 53 17.20 2.1
KNA 8.10 182 iPc 53 50.00 0.7
0.3s 62.00nm 5.7mb X
WRA 13.27 158 Pd 54 55.10 -2.5
0.7s 32.90nm 4.9mb
WB2 13.28 158 iPd 54 55.70 -2.0
eS 57 15.20
MBL 16.18 213 eP 55 34.00 -0.3
ASPA 16.62 164 eP 55 40.00 0.3
0.5s 62.00nm 5.2mb
WBN 18.59 187 iPd 56 03.10 0.3
NAU 19.80 220 iPc 56 14.80 -0.7
0.4s 31.00nm 5.0mb
CTA 20.73 128 iPc 56 27.00 2.0
1.0s 19.00nm 4.4mb
MEK 21.40 207 eP 56 33.00 1.4
STK 26.81 156 eP 57 22.00 -0.8
MUN 27.06 205 eP 57 25.00 -0.1
ADE 28.62 163 eP 57 38.10 -1.1
BRS 29.83 134 eP 57 48.00 -2.0
BFD 31.87 159 eP 58 08.00 0.3
YOU 31.94 149 iPd 58 08.60 0.2
CAN 33.07 149 eP 58 18.80 0.6
WAM 33.70 150 eP 58 25.30 1.7
GBA 55.46 292 Pd 01 01.50 -15.1X
0.5s 1.50nm
CNCB 150.43 145 iPKP 11 31.20 4.7X
LPB 150.59 145 ePKP 11 32.00 5.5X
eLR 41 50.00
S.D. = 1.4 on 19 of 22 obs

FEB 02, 1985 18h 29m 43.87± 0.29s
12.371 N ± 6.2km 86.316 W ± 4.6km
DEPTH = 179.6km (2 depth phases)
4.5mb (30 obs.)
NICARAGUA (75)

COM 6.83 305 eP 31 25.50 2.7
OXX 11.10 296 eP 32 18.60 -0.4
VHO 11.17 297 iPc 32 19.00 -0.9
PIO 12.12 291 iP 32 32.00 0.1
CHN 12.88 124 eP 32 44.00 2.2
IIT 13.30 301 eP 32 48.60 1.4
ACX 13.85 290 ePd 32 54.50 0.7
TPM 13.92 300 iPc 32 56.00 1.1
III 14.01 297 iP 32 53.00 -3.2X
BMG 14.07 111 iP 32 58.50 1.7
PSO 14.24 141 eP 33 00.00 0.8
BOG 14.35 121 eP 33 03.00 2.5
OXM 14.59 300 iPc 33 05.00 1.5
SDV 15.80 101 eP 33 19.50 1.2
0.7s 42.80nm 4.9mb
TOV 16.42 97 eP 33 27.00 1.3
CAR 19.09 94 iPc 33 55.00 -0.4
0.5s 126.76nm 5.6mb X
SJG 20.27 71 eP 34 08.00 0.8
LTX 23.35 319 eP 34 38.20 0.8
pP 35 14.00 185km
TUL 24.95 342 iPc 34 52.30 0.1
0.7s 80.10nm 5.4mb
e 35 30.50
e 35 36.80
RLO 24.96 343 iPc 34 52.60 0.2
ALO 28.96 324 eP 35 28.20 -0.6
0.9s 7.35nm 4.4mb
RSNY 33.62 15 iPc 36 10.60 1.5
1.1s 122.09nm 5.5mb
LPB 33.90 147 P 36 10.50 -1.7
OTT 34.13 13 ePc 36 14.50 1.1
0.7s 78.00nm 5.5mb
CNCB 34.19 146 P 36 13.50 -1.4
MNT 34.75 16 iPc 36 19.90 1.3
0.8s 75.00nm 5.4mb
LHC 36.02 357 eP 36 29.00 -0.3
BDW 36.39 331 eP 36 33.10 0.3
TPZ 37.81 153 Pc 36 57.00 12.0X
BMN 38.97 321 eP 36 55.50 1.2
1.1s 14.94nm 4.6mb
pP 37 33.30 175km
YJA 39.94 149 ePc 37 02.00 -0.7
LRM 40.04 331 eP 37 03.70 0.6
FFC 44.02 347 eP 37 36.00 1.0
0.7s 6.00nm 4.3mb
STJ 44.94 32 eP 37 44.00 1.6
SCH 45.04 16 ePc 37 43.00 -0.2
0.6s 43.00nm 5.1mb
PNT 45.94 330 eP 37 50.00 -0.3
0.6s 5.00nm 4.2mb
EDM 46.10 338 iPc 37 50.80 -0.8
YKA 53.98 344 eP 38 50.10 -1.0
INK 63.60 342 eP 39 56.00 -1.2
MBC 66.25 352 eP 40 13.00 -1.2
COL 66.95 336 eP 40 17.00 -1.7
EKA 76.04 36 P 41 11.00 -1.8
0.9s 21.80nm 4.9mb
MAL 76.27 55 iPd 41 15.00 0.5
1.0s 3.00nm 4.0mb
TOL 76.28 52 eP 41 15.00 0.5
LPF 77.77 43 eP 41 22.20 -0.3
0.8s 8.40nm 4.5mb
GRR 77.86 43 iPc 41 22.60 -0.4
0.7s 19.00nm 4.9mb
FLN 78.08 42 eP 41 24.00 -0.2
0.7s 13.20nm 4.8mb
LDF 78.33 43 eP 41 25.40 -0.2

02d 18h

	0.8s	4.90nm		4.3mb		
MFF	78.51	45 iPc	41	26.10	-0.5	
	0.8s	16.10nm		4.8mb		
EPF	79.25	48 iPc	41	31.10	0.3	
	0.9s	8.10nm		4.5mb		
LFF	79.31	46 iPc	41	31.00	0.1	
	0.7s	9.80nm		4.6mb		
LPO	79.66	46 iPc	41	32.90	0.1	
	1.0s	19.20nm		4.8mb		
LSF	79.70	45 eP	41	32.70	-0.3	
	0.7s	2.00nm		4.0mb		
RJF	79.81	46 iPc	41	33.50	-0.1	
	1.0s	5.60nm		4.2mb		
TCF	80.17	45 eP	41	35.00	-0.5	
	0.6s	3.20nm		4.2mb		
CAF	80.25	46 iPc	41	35.80	-0.2	
	0.8s	5.30nm		4.3mb		
MZF	80.43	45 iPc	41	36.60	-0.3	
	0.9s	9.70nm		4.5mb		
KIC	80.46	86 eP	41	35.80	-1.8	
BGF	80.57	44 iPc	41	37.00	-0.6	
	0.9s	13.60nm		4.7mb		
AVF	80.88	44 iPc	41	38.30	-0.9	
	0.9s	3.20nm		4.1mb		
LOR	81.15	44 eP	41	40.20	-0.4	
	0.8s	5.90nm		4.4mb		
SMF	81.23	44 iPc	41	40.20	-0.8	
	0.8s	4.50nm		4.3mb		
HAU	82.69	43 eP	41	48.00	-0.6	
NB2	82.90	29 P	41	47.20	-2.2	
	1.0s	7.80nm		4.4mb		
BSF	83.02	43 eP	41	49.50	-0.9	
CDF	83.23	42 eP	41	50.50	-0.9	
CLL	86.19	38 e(P)	42	06.00	0.0	
KHC	87.12	40 eP	42	10.50	-0.1	
		e	42	31.50		
WAM	125.19	234 iPKPd	48	24.90	0.0	
CAN	125.25	235 iPKPd	48	24.80	-0.3	
YOU	125.94	237 iPKPd	48	26.30	-0.2	
WB2	140.30	254 ePKP	48	45.50	-8.4X	
		i	48	53.20		
		e	51	13.10		
WRA	140.31	254 PKPc	48	46.80	-7.1X	
	0.6s	2.60nm				
AAI	144.79	201 e(PKP)	49	00.50	-1.3	
KNA	145.83	260 ePKP	49	03.00	-0.4	
WBN	146.18	241 ePKP	49	03.00	-0.9	
LOE	149.36	345 ePKP	49	11.50	2.4X	
GBA	149.58	32 PKPc	49	12.30	2.9X	
	0.6s	7.70nm				
RKG	149.71	221 iPKPd	49	13.00	3.8X	
BDT	150.11	350 ePKP	49	12.60	2.5X	
NWAO	150.28	223 iPKPc	49	14.80	4.8X	
	0.7s	67.00nm				
KLB	150.72	225 ePKP	49	15.40	4.7X	
MUN	151.55	223 iPKPc	49	17.50	5.5X	
	0.6s	69.00nm				
BAL	152.03	226 iPKPc	49	13.50	0.8	
	0.7s	27.00nm				
MEK	152.69	235 ePKP	49	20.00	6.2X	
MBL	153.51	247 iPKPd	49	22.40	7.4X	
	S.D. = 1.1	on 73 of	86	obs.		

? FEB 02, 1985 19h 17m 41.72± 2.17s
21.477 S ±15.0km 177.385 W ±18.1km
DEPTH = 326.2 ± 19.8 km
4.4mb (4 obs.)
FIJI ISLANDS REGION (181)

SGE	5.88	310 eP	19	10.90	-0.2	
MUE	7.40	72 P	19	22.80	-6.2X	
		S	20	41.00		
AFI	9.23	36 P	19	41.00	-10.3X	
		(S)	21	14.00		
NOU	15.03	264 iPc	21	01.30	0.9	
CRZ	15.59	212 eP	21	08.00	1.6	
KOU	17 14	270 iPc	21	30.80	8.0X	
TCW	20.90	198 P	21	58.10	-1.9	
		eS	25	45.00		
SVO	25.13	296 P	22	46.00	6.2X	
WB2	45.03	263 eP	25	27.20	-0.5	
WRA	45.04	263 Pc	25	26.80	-1.0	
	0.5s	1.20nm		3.4mb		
WBN	51.15	253 iPd	26	14.00	-0.6	
BMN	83.19	42 eP	29	34.40	1.3	
	0.6s	1.67nm		4.0mb		
EUR	83.43	43 eP	29	35.00	0.5	
PNT	87.14	34 eP	29	53.00	0.9	
	0.7s	8.00nm		4.8mb		
COL	89.07	12 eP	29	59.00	-1.9	
	0.7s	11.99nm		4.9mb		
BDW	89.28	43 e(P)	30	02.50	-0.1	
BDT	90.47	288 eP	30	08.00	-0.3	
CHG	91.11	290 eP	30	14.00	2.7	
INK	95.06	15 eP	30	27.00	-1.3	
KJF	134.14	345 ePKP	36	21.00	-0.5	
SUF	135.77	345 ePKP	36	23.00	-1.7	
NUR	138.03	344 ePKP	36	27.00	-2.0X	
NB2	140.01	353 PKP	36	21.90	-10.7X	
	0.8s	1.60nm				
HFS	140.59	351 ePKP	36	25.00	-8.6X	
	0.5s	3.00nm				
EKA	145.92	6 PKP	36	44.00	1.1	
	0.6s	5.30nm				
DMU	146.83	10 ePKP	36	46.50	2.1X	
DCN	147.30	11 ePKP	36	47.40	2.3X	
KSP	148.79	343 ePKP	36	51.50	3.9X	
CLL	149.14	347 iPKPd	36	52.70	4.6X	
	0.8s	19.00nm				
MOX	150.04	348 e(PKP)	36	57.00	7.5X	
KHC	151.06	345 iPKPd	36	57.50	6.3X	
VOY	153.83	342 e(PKP)	37	00.70	5.5X	
		i	37	03.20		
KIC	163.37	154 ePKP	37	08.00	1.0	
	S.D. = 1.4	on 19 of	33	obs.		

FEB 02, 1985 20h 52m 34.29± 0.81s
28.399 N ± 3.3km 52.997 E ± 2.3km
DEPTH = 36.8 ± 7.4 km
5.2mb (67 obs.) 5.3Msz (6 obs.)
SOUTHERN IRAN (353)
One person killed, 80 injured
and about 1500 buildings
destroyed or damaged in the
Firuzabad-Jahrom area.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 20C
Centroid Location:
Origin Time 20:52:34.5 1.0
Lat 28.22N 0.11 Lon 53.48E 0.13
Dep 21.6 4.4 Half-duration 2.0
Moment Tensor; Scale 10**24 D-CM
Mrr=-1.64 0.14 Mtt= 1.45 0.12
Mff= 0.19 0.17 Mrt= 0.82 0.28
Mrf=-0.11 0.20 Mtf=-0.50 0.15
Principal Axes:
T Val= 1.81 Plg=13 Azm= 18
N 0.03 5 287
P -1.85 76 179
Best Double Couple:Mo=1.8*10**24
NP1:Strike=114 Dip=32 Slip= -81
NP2: 284 58 -95

SHI	1.31	342 iPd	52	56.00	-0.5	
		eS	53	11.00		
TEH	7.44	350 eP	54	24.00	0.6	
KHI	7.49	39 eP	54	22.80	-1.3	
KER	7.78	321 eP	54	28.00	-0.1	
BHD	8.85	305 ePd	54	39.00	-3.8X	
		i	55	41.00		
		IS	56	36.00		
		i	57	26.00		
MHI	9.60	33 eP	54	54.00	0.8	
		eS	56	36.00		
MSL	11.51	316 ePd	55	20.00	0.8	
		IS	57	24.00		
		eLQ	59	01.50		
		iLR	59	27.80		
QUE	12.31	78 eP	55	20.00	-10.1X	
		e(S)	58	24.00		
JER	15.77	287 eP	56	19.00	3.6X	
PRNI	15.81	281 eP	56	13.00	-2.9	
GVI	16.00	286 eP	56	18.00	-0.2	
CSS	17.96	296 eP	56	42.00	-0.8	
ARO	19.29	212 eP	57	00.00	0.9	
BCK	20.83	301 eP	57	16.40	1.2	
ELL	21.13	299 iP	57	18.20	-0.1	
NDI	21.27	83 eP	57	18.50	-1.2	
		eS	01	10.00		
POO	21.47	113 iPc	57	22.40	0.6	
	1.4s	313.95nm		5.5mb		
KSH	21.97	54 eP	57	28.00	1.2	
GPA	22.10	308 iP	57	28.20	0.2	
ISK	23.30	309 eP	57	40.00	0.4	
AAE	23.47	218 eP	57	44.00	2.1	
TTK	23.49	305 eP	57	40.90	-0.7	
BNT	23.80	307 iP	57	45.70	1.1	
EDC	23.84	307 eP	57	44.90	0.0	
NPS	24.20	293 eP	57	50.50	2.0	
KGT	24.27	306 iP	57	49.40	0.3	
PRK	24.61	303 eP	57	53.00	0.6	
EZN	24.76	304 iP	57	55.60	1.8	
PSN	25.07	314 eP	57	58.00	1.3	
HYB	25.90	109 ePc	58	05.20	0.5	
		e	58	38.00		
KDZ	26.09	308 iP	58	07.00	0.7	
ATH	26.21	299 eP	58	08.00	0.6	
		eS	02	48.00		
BRD	26.69	317 eP	58	14.00	2.2	
PLD	26.71	308 eP	58	12.00	0.1	
PAIG	26.73	303 eP	58	13.60	1.5	
ISR	26.81	316 eP	58	14.00	1.1	
VRI	27.07	317 ePc	58	15.50	0.3	
GBA	27.07	118 Pd	58	16.10	0.6	
	1.5s	77.80nm		5.1mb		
CLI	27.10	319 eP	58	16.00	0.5	
SRS	27.15	306 eP	58	17.30	1.3	
MMB	27.21	307 iPc	58	17.00	0.4	
SOH	27.23	305 eP	58	18.20	1.4	
MLR	27.35	316 iPc	58	20.00	2.0	
CVO	27.38	317 ePc	58	20.00	1.9	
THE	27.45	304 eP	58	20.00	1.3	
		eS	03	28.00		
LIT	27.65	303 eP	58	20.70	0.1	
KNT	27.66	305 eP	58	21.20	0.5	
CMP	27.81	315 ePd	58	23.00	1.0	
VTS	27.92	308 iPc	58	23.00	0.0	
VAY	27.94	306 iP	58	23.30	0.1	
GRG	27.96	305 eP	58	23.90	0.5	
KZN	28.24	303 eP	58	25.50	-0.5	
COZ	28.27	314 iPc	58	26.50	0.2	
KKN	28.44	83 eP	58	27.80	-0.3	
	0.6s	16.00nm		4.9mb		
PKI	28.59	84 eP	58	28.70	-0.9	
	0.8s	24.00nm		4.9mb		
VLS	28.67	298 eP	58	28.60	-1.2	
SKO	28.95	306 iPc	58	32.00	-0.3	
		i	59	00.10		
		IS	03	46.00		
OHR	29.16	304 eP	58	32.10	-2.2	
KOD	29.22	123 eP	58	35.50	0.3	
BEO	30.58	311 eP	58	45.40	-1.3	
		I(S)	04	26.40		
		i	06	19.00		
WMQ	31.71	52 P	58	56.50	-0.3	
		PcP	01	48.00		
JOS	32.03	318 iPc	59	00.00	0.5	
	1.0s	37.10nm		5.2mb		
ORI	32.17	301 e(P)	59	07.20	6.5X	
SPC	32.52	319 eP	59	05.00	1.0	
KRA	33.10	320 eP	59	08.20	-0.6	
	1.1s	55.00nm		5.4mb		
Z	18s	4.90um		5.3Msz		
N	18s	5.80um				
E	18s	3.50um				
		e	59	11.90		
		e	59	36.90		
SGO	33.11	301 iPc	59	09.50	0.6	
LSA	33.28	78 eP	59	11.40	0.3	
NAI	33.34	210 iPd	59	13.00	1.6	
	1.0s	18.00nm		4.9mb		
DUI	33.94	303 eP	59	18.30	2.2	
ZST	33.99	315 iPc	59	15.60	-0.9	
		i	59	43.00		
SOP	34.14	314 iPc	59	17.00	-0.8	
	1.6s	78.90nm		5.4mb		
VKA	34.50	315 iPc	59	20.50	-0.4	
	0.8s	29.50nm		5.3mb		
		i	59	37.40		
SHL	34.67	85 eP	59	05.50	-17.3X	
AQU	34.84	304 e(P)	59	19.20	-4.7X	
CEY	34.90	310 ePc	59	24.20	-0.2	
LJU	34.92	311 ePc	59	24.80	0.3	
		e	59	53.30		
		eS	04	52.30		
RMP	35.26	303 eP	59	17.00	-10.4X	
TRI	35.34	310 iPc	59	27.50	-0.6	
		ePP	00	58.90		
		ePPP	01	24.00		
		eS	05	29.00		

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                     eSS   08 08.00
MNS   35.37 304 iPc    59 28.50   0.2
KSP   35.54 319 iPc    59 29.50  -0.2
KBA   36.00 312 iPc    59 33.70  -0.2
      0.8s    45.20nm            5.5mb
                i      59 40.90
                i(pP)  00 11.60 174kmX
                i      00 15.30
BHG   36.50 313 iPc    59 37.50  -0.3
      0.8s    52.00nm            5.5mb
KHC   36.51 315 iPc    59 37.00  -0.9
   Z  16s      1.10um          4.7MszX
   N  16s      1.30um
   E  16s      1.10um
                e      00 06.00
CTI   36.86 310 iPc    59 40.80  -0.2
WET   36.94 315 iPc    59 40.70  -0.9
NUR   37.36 337 iPc    59 44.70  -0.2
      0.6s    18.30nm            5.1mb
   Z  20s      3.40um            5.1Msz
                i      00 13.00
                eS     05 52.00
OGA   37.48 311 iPc    59 46.30   0.0
SAL   37.52 309 iPc    59 46.70   0.3
CLL   37.63 319 iPc    59 47.10  -0.2
      1.2s    43.00nm            5.2mb
FUR   37.66 313 iPc    59 47.30  -0.3
      1.0s    83.00nm            5.6mb
GRF   38.14 316 iPc    59 51.60  -0.1
      0.7s    49.00nm            5.5mb
   Z  21s      1.50um            4.8Msz
MOX   38.21 317 eP     59 51.00  -1.2
      2.2s    63.00nm            5.1mb
   Z  26s      3.20um          5.0MszX
   N  26s      1.40um
                eS     06 00.00
                eSS    09 20.00
SUF   38.55 340 iPc    59 54.50  -0.3
      0.7s    18.70nm            5.0mb
SAX   38.68 311 iP+    59 56.00  -0.5
LLS   38.83 311 iP+    59 57.00  -0.7
ORO   39.28 308 e(P)   00 01.00  -0.3
KJF   39.28 343 iP     00 00.40  -0.5
      0.8s    23.50nm            5.0mb
   Z  18s      4.10um            5.3Msz
                i      00 34.00
                iPP    01 35.00
                eS     06 16.00
MMK   39.36 309 iP+    00 01.30  -0.9
SLE   39.36 312 iP+    00 01.20  -0.7
ZUL   39.37 311 iP+    00 01.60  -0.4
UPP   39.56 333 iP     00 02.50  -0.7
                i      00 35.10
DIX   39.75 309 iP+    00 04.70  -0.7
BUH   39.75 313 eP     00 03.40  -1.7
GTA   39.98  62 iPc    00 08.30   1.0
TNS   40.01 316 ePc    00 07.20   0.0
EMS   40.08 309 iP+    00 07.60  -0.4
CDF   40.30 312 eP     00 08.40  -1.3
BNG   40.48 240 iPc    00 10.20  -1.2
      0.9s    57.00nm            5.3mb
                id     00 38.50
                id     00 41.20
BCAO  40.49 240 iP     00 10.10  -1.4
BSF   40.50 312 iPc    00 10.60  -0.7
      0.8s    32.20nm            5.1mb
HAU   40.83 312 iPc    00 13.00  -0.9
      0.7s    11.00nm            4.7mb
WLF   41.31 314 iPc    00 17.50  -0.2
HFS   41.34 331 iPc    00 17.60  -0.3
      0.6s    40.40nm            5.3mb
WTS   41.50 318 eP     00 20.50   1.2
      0.8s    25.00nm            5.0mb
MEM   41.62 315 P      00 23.20   2.9X
ENN   41.71 316 ePc    00 22.00   0.9
      1.0s    32.00nm            5.0mb
MUD   41.72 325 iPc    00 22.20   1.1
      0.6s    64.00nm            5.5mb
                i      00 50.00
SOD   42.12 345 iP     00 24.40   0.2
LBF   42.23 310 iPc    00 24.70  -0.8
      0.8s     4.90nm            4.3mb
SMF   42.28 309 iPc    00 25.10  -0.7
      0.8s    32.20nm            5.1mb
LOR   42.36 310 iPc    00 25.80  -0.7
      0.6s     9.90nm            4.7mb
DOU   42.39 314 Pc     00 26.90   0.3

                e      00 54.00
ABA   42.52 295 eP     00 28.50   0.6
AVF   42.83 309 iPc    00 28.20  -0.5
      0.9s     8.80nm            4.5mb
UCC   42.68 315 P      00 29.80   0.8
NB2   42.86 332 P      00 27.90  -2.5
      0.7s    17.40nm            4.9mb
KONO  42.89 329 eP     00 30.10  -0.5
BGF   42.95 309 iPc    00 30.80  -0.5
      1.0s    15.50nm            4.7mb
CHG   42.95  92 iPd    00 32.00   0.3
      0.9s    14.71nm            4.7mb
                eS     07 32.00
CHTO  42.95  92 eP     00 31.80   0.1
      1.0s    13.25nm            4.6mb
TAM   42.96 274 iP     00 32.50   0.6
MZF   43.08 308 iPc    00 32.30  -0.2
      0.9s    11.20nm            4.6mb
LZH   43.28  66 iPc    00 35.50   1.2
                sP     01 07.50
                S      07 27.00
CAF   43.33 307 eP     00 34.30  -0.2
      0.8s     9.40nm            4.6mb
TCF   43.35 308 iPc    00 34.20  -0.4
      0.8s     8.80nm            4.6mb
BDT   43.60  95 iPc    00 34.90  -2.0
                e      01 05.00
RJF   43.75 307 iPc    00 37.80   0.0
      0.8s    13.40nm            4.8mb
LSF   43.82 308 iPc    00 37.90  -0.5
CD2   43.08  74 eP     00 39.20   0.1
LPO   43.93 306 iPc    00 39.40   0.1
KEV   44.01 347 iP     00 39.80   0.2
      0.7s    16.00nm            4.9mb
                eS     07 36.00
KHT   44.25  98 eP     00 43.20   1.0
LFF   44.27 306 iPc    00 42.20   0.2
      0.7s    31.40nm            5.2mb
KMI   44.29  82 Pc     00 42.00  -0.7
   N  18s      2.30um
                sP     01 14.00
                eS     07 32.00
                S      07 36.00
                SS     11 02.00
EPF   44.47 304 eP     00 44.50   0.7
MFF   45.01 309 iPc    00 47.00  -0.9
      0.9s    14.40nm            4.9mb
LDF   45.18 312 iPc    00 48.30  -1.0
      0.6s    16.70nm            5.1mb
ALI   45.21 297 P      00 59.50   9.9X
NST   45.23  96 eP     00 51.50   1.5
FLN   45.44 312 iPc    00 50.40  -0.9
      0.6s    18.70nm            5.2mb
GRR   45.65 311 iPc    00 52.20  -0.8
      1.0s    23.00nm            5.0mb
TRO   45.68 344 eP     00 54.00   1.1
LPF   45.74 311 iPc    00 52.70  -0.9
      0.9s    19.40nm            5.0mb
LOE   45.94  93 eP     00 53.40  -2.2
NNT   46.22 100 eP     00 58.00   0.2
LGR   46.57 303 iPd    01 01.50   1.1
                e      02 38.00
AVY   47.32 187 eP     01 07.70   1.1
XAN   47.66  69 Pc     01 08.40  -0.7
BTO   47.79  60 eP     01 10.70   0.5
TOL   47.86 299 eP     01 11.00   0.4
                e      02 58.00
EKA   48.04 320 Pd     01 11.20  -0.5
      0.6s    15.00nm            5.2mb
TET   48.11 205 eP     01 15.00   2.4
                i      01 44.00
HHC   48.94  59 eP     01 21.00   2.0
MTD   49.46 207 iPc    01 23.00  -0.2
                ipP    01 52.00 124kmX
ETA   49.47 317 iPc    01 22.20  -0.5
      1.1s    60.00nm            5.5mb
ECP   49.52 316 iPc    01 22.40  -0.7
      0.8s   140.00nm            6.0mb
DDK   49.61 317 eP     01 23.20  -0.6
      0.7s    21.00nm            5.3mb
DLE   49.72 317 iPc    01 24.20  -0.5
      1.0s    45.00nm            5.5mb
ECB   49.78 316 eP     01 25.50   0.3
      1.1s   100.00nm            5.8mb
TIY   49.95  63 Pc     01 26.50  -0.3
DMU   50.00 318 iPc    01 26.20  -0.6
      1.0s    70.00nm            5.6mb

DCN   50.16 317 iPc    01 27.80  -0.3
      1.0s    90.00nm            5.7mb
KRI   50.33 210 iPc    01 29.00  -0.9
                ipP    01 58.00 124kmX
MTE   50.48 300 eP     01 31.20   0.5
PSI   50.64 112 ePc    01 30.50  -1.6
IPM   51.33 108 ePd    01 36.20  -1.2
                e      02 06.80
AVE   51.47 291 iP     01 38.00  -0.3
                i      02 20.00
VAL   51.89 315 eP     01 49.00   7.8X
OIZ   52.47  87 P      01 45.70  -0.3
BJI   52.53  60 eP     01 46.50   0.4
                eS     09 40.00
WHN   52.87  72 eP     01 49.50   0.7
PPI   53.66 114 eP     01 53.70  -1.1
BUL   53.70 209 iPc    01 55.00  -0.1
                ipP    02 24.00 122kmX
                eS     10 09.00
TIA   53.90  64 Pc     01 56.60   0.3
GZH   54.14  81 eP     01 58.00  -0.2
AKU   56.71 332 eP     02 16.20  -0.1
      1.6s   133.33nm            5.7mb
SSE   58.40  69 P      02 28.00  -0.6
   N  24s      6.60um
                S      10 48.00
                i      10 58.00
                sS     11 48.00
                SS     15 04.00
DAG   58.41 345 iPc    02 26.70  -1.4
      0.3s    15.58nm            5.6mb
KIC   58.70 260 iPc    02 30.00  -1.0
                e      02 58.70
CN2   58.76  54 eP     02 29.60  -1.3
SLR   58.84 206 eP     02 31.20  -0.6
      0.9s    25.21nm            5.3mb
EVA   59.23 205 eP     02 34.30  -0.2
                i      03 03.50
BPI   59.33 206 iPc    02 34.30  -1.0
      1.0s    28.00nm            5.3mb
                i      03 03.20
BFS   60.47 207 iPc    02 41.70  -1.3
      0.7s    20.55nm            5.4mb
                i      03 11.30
ANP   60.49  76 e(P)   02 48.00   4.8X
SEK   61.41 205 iPc    02 48.60  -0.8
      0.7s    75.34nm            5.9mb
                i      03 18.20
BLF   62.67 206 iPd    02 57.50  -0.3
      0.5s    16.22nm            5.4mb
                i      03 26.50
BAG   62.92  85 eP     03 02.00   2.2
                eS     12 00.00
OCP   64.08  87 eP     03 00.00  -7.2X
ALE   65.21 352 eP     03 14.00   0.4
      0.9s    10.00nm            4.9mb
GRM   66.30 204 iPc    03 20.00  -1.1
      0.4s    25.42nm            5.7mb
                i      03 49.80
SHK   66.59  62 eP     03 25.60   2.5
SUR   67.75 209 iPc    03 31.40   0.8
      0.9s    23.53nm            5.3mb
   Z  18s      7.70um            6.0Msz
GDH   69.35 339 iPc    03 39.20  -0.5
      0.9s    16.81nm            5.1mb
CGP   69.95  91 iPd    03 42.60  -1.7
DAV   71.35  92 eP     04 03.00  10.2X
                eS     13 40.00
MKS   72.09 106 ePd    04 02.50   5.3X
MBC   75.50 358 ePc    04 16.10   0.1
      0.6s     9.00nm            4.9mb
SCH   82.38 330 ePc    04 54.00   0.3
MRWA  83.11 128 iPd    04 50.10   0.3
MEK   83.36 125 eP     04 59.00  -0.2
INK   83.48   2 eP     04 59.00   0.0
BAL   84.45 129 eP     05 04.00  -0.5
MUN   84.95 130 eP     05 06.50  -0.5
KNA   85.36 111 eP     05 09.00  -0.3
COL   85.61   9 eP     05 10.00   0.2
      1.0s    12.50nm            5.1mb
KLB   85.76 129 eP     05 10.70  -0.4
NWAO  86.21 131 eP     05 13.30   0.0
YKA   88.88 354 eP     05 26.90   1.2
WBN   89.05 120 eP     05 28.00   0.9
WRA   92.05 111 Pd     05 41.50   0.5
      0.7s     3.10nm            4.8mb
WB2   92.05 111 eP     05 40.80  -0.3
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02d 21h

		e	06	12.50		
FFC	94.46	346 ePc	05	51.50	-0.2	
	1.7s	27.00nm			5.4mb	
ITR	95.35	263 e(P)	05	58.00	1.6	
EDM	97.86	352 eP	06	08.00	0.7	
LPB	124.77	269 PKP	11	38.00	5.1X	
Z	18s	1.72um			5.8Msz	
		LR	51	30.00		
CNCB	124.77	269 PKP	11	34.50	1.4	
TCA	126.44	251 ePKPc	11	35.90	0.5	
TPZ	127.12	264 ePKP	11	43.00	5.7X	
	S.D. = 1.0	on 213 of 229 obs.				

? FEB 02, 1965 21h 58m 49.36± 3.28s
31.496 S ±31.3km 69.844 W ±22.3km
DEPTH = 131.8 ± 25.9 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCV	1.17	108 ePd	59	13.80	-0.6	
		S	59	30.00		
RTLL	1.19	82 ePd	59	15.30	0.7	
		S	59	32.20		
JACH	1.34	208 iP	59	16.20	-0.1	
		iS	59	34.50		
ROCH	1.77	214 iPd	59	21.00	-0.3	
		iS	59	43.00		
PEL	1.79	203 iPc	59	21.00	-0.4	
		iS	59	42.50		
FCH	1.86	192 iP	59	23.10	0.5	
BACH	1.93	196 iPd	59	23.40	0.3	
		iS	59	46.90		
PCH	2.19	185 eP	59	26.00	-0.4	
		iS	59	52.30		
CHCH	2.52	195 eP	59	31.00	0.5	
TCA	4.49	89 iPd	59	56.50	-0.2	
		S	00	44.98		
	S.D. = 0.6	on 10 of 10 obs.				

& FEB 02, 1985 22h 08m 16.66s
58.022 N 145.740 W
DEPTH = 0.2km
GULF OF ALASKA (15)
<AGS-P>.

KAIM	2.03	19 eP	08	52.64	0.2	
		eS	09	18.06		
MTG	2.10	335 eP	08	52.82	-0.7	
HIN	2.41	351 eP	08	57.71	-0.4	
		eS	09	31.38		
SGAM	2.50	6 eP	09	00.49	1.2	
		eS	09	34.45		
CVA	2.53	360 eP	08	58.21	-1.5	
		eS	09	32.28		
SNH	2.63	33 eP	08	58.87	-2.3	
		eS	09	33.53		
FID	2.76	352 eP	09	02.22	-0.8	
GLI	2.95	347 eP	09	05.03	-0.6	
BMRM	3.00	11 eP	09	06.67	0.1	
GYO	3.06	44 eP	09	03.55	-3.7	
		eS	09	39.75		
VZW	3.07	353 eP	09	06.62	-0.8	
MPA	3.10	325 eP	09	05.94	-1.7	
YAH	3.12	40 iP	09	05.03	-3.2	
		eS	09	42.58		
PWL	3.14	336 eP	09	07.08	-1.2	
		eS	09	46.91		
BRLK	3.19	305 iP	09	06.15	-2.9	
		eS	09	46.50		
TSIM	3.22	3 eP	09	10.07	0.5	
AGAM	3.24	47 eP	09	06.15	-3.6	
PTE	3.31	331 eP	09	09.27	-1.4	
CFI	3.33	343 eP	09	10.29	-0.8	
SLKM	3.39	319 eP	09	10.12	-1.9	
		eS	09	53.22		
BALM	3.46	28 iP	09	11.00	-2.3	
		iS	09	53.46		
KLU	3.48	359 eP	09	12.40	-0.9	
NNL	3.51	308 eP	09	11.14	-2.5	
PCA	3.51	51 eP	09	08.89	-4.8	
GLB	3.57	15 eP	09	13.29	-1.2	
		eS	09	55.62		
PNL	3.69	61 eP	09	09.46	-6.7	
BCPM	3.71	56 eP	09	10.69	-5.7	
CTGM	3.71	35 eP	09	13.48	-3.1	
HQN	3.85	65 iP	09	10.78	-7.7	
SML	4.02	342 eP	09	20.26	-0.6	
RDT	4.27	310 eP	09	21.18	-3.2	
SPU	4.51	317 eP	09	25.50	-2.3	
	32 obs. associated					

FEB 02, 1985 22h 21m 29.74± 0.58s
28.527 N ± 9.7km 52.963 E ± 7.2km
DEPTH = 33.0km (normal)
4.5mb (8 obs.)
SOUTHERN IRAN (353)
Felt in the Firuzabad-Johrom oreo.

SHI	1.18	341 iPd	21	51.50	1.4	
		eS	22	08.00		
TEH	7.31	350 eP	23	15.00	-2.1	
KHI	7.41	40 e(P)	23	31.00	12.5X	
KER	7.66	321 eP	23	23.00	1.0	
BHD	8.76	305 ePc	24	32.00	55.0X	
		e	26	31.00		
MHI	9.51	34 eP	23	58.00	10.4X	
QUE	12.31	79 eP	24	27.00	1.2	
NDI	21.29	84 eP	26	15.00	-0.7	
KKN	28.46	84 eP	27	24.20	0.1	
	0.8s	13.00nm			4.7mb	
PKI	28.61	84 eP	27	25.40	-0.2	
	1.0s	10.00nm			4.5mb	
LJU	34.81	311 e(P)	28	19.80	0.4	
KBA	35.90	312 iPc	28	28.50	-0.4	
	0.8s	6.70nm			4.6mb	
KHC	36.39	315 iPd	28	33.10	0.3	
CTI	36.75	310 eP	28	36.10	0.1	
GRF	38.03	315 eP	28	46.80	0.2	
	0.8s	5.00nm			4.4mb	
SUF	38.42	340 eP	28	50.00	0.4	
	0.5s	2.50nm			4.3mb	
KJF	39.15	343 eP	28	56.00	0.3	
BNG	40.51	240 iPc	29	07.60	0.0	
	0.5s	3.00nm			4.3mb	
BCAO	40.52	240 eP	29	07.70	0.1	
HFS	41.21	331 iPc	29	12.50	-0.2	
	0.5s	8.90nm			4.8mb	
SOD	41.99	345 eP	29	18.00	-1.0	
DOU	42.27	314 P	29	23.80	2.2	
NB2	42.73	331 P	29	22.40	-2.8	
	0.9s	6.00nm			4.3mb	
KIC	58.70	260 eP	31	25.60	-1.2	
MBC	75.37	358 eP	33	11.00	-0.1	
INK	83.36	2 eP	33	54.00	-0.3	
YKA	88.75	354 eP	34	22.30	1.3	
	S.D. = 1.1	on 24 of 27 obs.				

% FEB 02, 1985 22h 30m 10.26± 0.95s
33.875 S ±10.2km 70.878 W ± 8.6km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

CHCH	0.20	107 iPc	30	17.20	0.3	
		iS	30	26.30		
TACH	0.23	347 iPd	30	19.00	1.8	
		iS	30	29.40		
PCH	0.40	50 iPc	30	19.60	0.2	
		iS	30	30.60		
LNV	0.45	260 iPd	30	19.50	-0.6	
		iS	30	30.30		
SAN	0.46	23 iP	30	26.70	6.4X	
		iS	30	43.00		
BACH	0.61	32 iP	30	22.50	0.0	
		iS	30	35.80		
FCH	0.73	42 iPd	30	23.60	-0.9	
		iS	30	37.90		
PEL	0.75	13 iPd	30	24.40	0.0	
		iS	30	39.00		
ROCH	0.91	353 iP	30	26.70	-0.2	
		iS	30	43.00		
JACH	1.21	11 iP	30	30.50	-0.6	
		iS	30	50.70		
	S.D. = 0.9	on 9 of 10 obs.				

FEB 02, 1985 22h 40m 09.05± 0.27s
28.396 N ± 5.7km 52.866 E ± 3.7km
DEPTH = 33.0km (normal)
4.6mb (15 obs.)
SOUTHERN IRAN (353)
Felt in the Firuzabad-Johrom oreo.

TEH	7.43	351 eP	41	56.00	-2.0	
KHI	7.57	39 e(P)	42	02.00	2.0	
BHD	8.76	306 ePc	42	34.00	17.6X	
		e	44	28.00		
		eS	45	08.00		
		e	46	44.00		
MHI	9.67	34 eP	42	31.00	2.0	
		eS	44	13.00		
MSL	11.43	317 eP	42	55.50	2.5	
QUE	12.42	78 eP	43	07.00	0.4	
		e(S)	46	07.00		
ELL	21.03	299 eP	44	55.20	2.8	
NDI	21.39	83 eP	44	55.00	-1.0	
		eS	48	47.00		
POO	21.58	113 iPc	44	58.60	0.6	
KSH	22.06	54 eP	45	04.00	1.2	
AAE	23.40	217 eP	45	20.00	3.7X	
HYB	26.01	109 eP	45	41.50	0.6	
PVL	26.71	311 eP	45	54.00	6.9X	
GBA	27.17	118 Pc	45	51.70	0.2	
	1.5s	32.60nm			4.7mb	
VTS	27.83	308 eP	45	57.00	-0.3	
VAY	27.85	306 eP	46	04.00	6.5X	
KKN	28.56	83 eP	46	03.20	-1.1	
	0.6s	19.00nm			5.0mb	
PKI	28.71	84 eP	46	04.20	-1.6	
	1.1s	34.00nm			5.0mb	
SKO	28.86	306 eP	46	06.80	0.2	
WMQ	31.80	52 P	46	32.70	-0.1	
JOS	31.96	318 eP	46	34.10	0.2	
LJU	34.83	311 e(P)	47	00.30	1.4	
		e	47	03.00		
TRI	35.25	310 eP	46	59.80	-2.7	
		e	47	08.10		
VOY	35.26	311 eP	47	02.90	0.2	
		e	47	09.20		
KSP	35.47	319 eP	47	04.50	0.2	
KBA	35.92	312 iPc	47	06.40	0.0	
	1.0s	14.10nm			4.8mb	
		i	47	14.80		
		e	47	22.00		
KHC	36.43	316 iPc	47	12.50	0.1	
		e	48	12.10		
CTI	36.77	310 eP	47	15.90	0.5	
NUR	37.32	337 iP	47	19.40	-0.3	
SAL	37.43	309 e(P)	47	30.00	9.2X	
CLL	37.56	319 eP	47	20.00	-1.8	
GRF	38.06	316 eP	47	26.90	0.8	
		e	47	30.40		
SUF	38.51	341 iP	47	29.40	-0.3	
	0.4s	2.50nm			4.4mb	
LLS	38.74	311 iP+	47	31.90	-0.2	
KJF	39.25	343 eP	47	42.00	6.2X	
SLE	39.28	312 iP+	47	36.00	-0.4	
ZUL	39.28	311 iP+	47	36.40	0.0	
UPP	39.50	333 iP	47	37.60	-0.3	
DIX	39.66	309 iP+	47	39.60	-0.2	
GTA	40.09	62 iPc	47	43.90	0.6	
CDF	40.22	313 eP	47	42.40	-1.8	
BNG	40.37	240 ePc	47	45.80	0.1	
	0.6s	5.00nm			4.4mb	
		ic	47	46.60		
BCAO	40.38	240 eP	47	45.80	0.0	
	1.0s	3.25nm			4.0mb	
BSF	40.41	312 iPc	47	45.40	-0.4	
WLF	41.23	314 Pc	47	53.20	1.0	
HFS	41.29	331 eP	47	52.40	-0.2	
	0.3s	6.90nm			4.9mb	
SOD	42.09	345 eP	48	01.00	1.8	
SMF	42.19	309 iPc	48	00.00	-0.3	
	0.8s	8.00nm			4.5mb	
LOR	42.27	310 eP	48	00.40	-0.5	
DOU	42.30	314 Pc	48	01.60	0.5	
AVF	42.54	309 eP	48	03.10	0.0	
NB2	42.80	332 P	48	02.70	-2.4	
	0.6s	3.50nm			4.3mb	
CHG	43.07	92 eP	48	32.00	24.2X	
CHTO	43.07	92 eP	48	07.70	-0.1	
	1.0s	6.50nm			4.3mb	
LZH	43.39	66 eP	48	11.00	0.6	
BDT	43.72	94 eP	48	11.00	-2.0	
KEV	43.99	347 eP	48	19.00	4.4X	
CD2	43.99	74 eP	48	14.40	-0.8	
LFF	44.18	306 iPc	48	17.00	0.6	
	0.9s	4.00nm			4.2mb	
KHT	44.37	98 eP	48	19.00	0.7	
KMI	44.40	82 Pc	48	18.00	-0.8	
LDF	45.10	312 eP	48	23.10	-0.7	
NST	45.34	96 eP	48	26.00	-0.1	

FLN 45.35 312 eP 48 25.10 -0.7
0.9s 7.80nm 4.6mb
GRR 45.56 311 eP 48 26.80 -0.7
LPF 45.65 311 eP 48 27.40 -0.7
LOE 46.05 93 eP 48 29.00 -2.7
NNT 46.33 100 eP 48 34.80 0.9
XAN 47.77 68 eP 48 44.60 -0.6
BTO 47.89 60 iPd 48 46.80 0.7
MTD 49.41 207 iPc 48 59.00 1.1
TIY 50.05 63 eP 49 02.50 -0.2
eS 56 15.00
KRI 50.28 209 eP 49 05.00 0.4
BJI 52.63 60 eP 49 22.00 -0.1
BUL 53.65 209 iPc 49 30.00 0.1
KIC 58.59 260 eP 50 05.20 -0.2
CN2 58.85 54 eP 50 05.50 -1.2
SEK 61.36 205 eP 50 24.00 -0.3
0.9s 21.01nm 5.3mb
MBC 75.50 358 eP 51 51.00 -0.2
SCH 82.33 329 eP 52 09.00 -19.6X
INK 83.49 2 eP 52 35.00 0.7
COL 85.63 9 eP 52 45.00 -0.2
YKA 88.87 354 eP 53 02.20 1.3
WRA 92.15 111 P 53 18.00 1.2
1.0s 2.80nm 4.6mb
WB2 92.16 111 eP 53 18.70 1.9
S.D. = 1.1 on 76 of 85 obs.

% FEB 02, 1985 23h 00m 13.52± 0.98s
46.264 N ± 9.5km 0.160 E ±10.9km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.2 (LDG).

MFF 0.40 328 Pg 00 21.60 -0.1
Sg 00 27.60
LSF 0.95 90 Pg 00 31.00 -0.6
Sg 00 42.50
RJF 1.35 135 Pg 00 37.80 -0.8
Sg 00 54.70
LFF 1.39 163 Pg 00 38.60 -0.3
Sg 00 56.70
TCF 1.42 88 Pg 00 40.00 0.6
Sg 00 57.00
CAF 1.89 134 Pg 00 47.40 1.2
Sg 01 11.80
S.D. = 1.0 on 6 of 6 obs.

FEB 02, 1985 23h 35m 42.30± 0.59s
33.324 S ± 6.8km 70.304 W ± 7.4km
DEPTH = 105.3 ± 6.7 km
4.2mb (1 obs.)
CHILE-ARGENTINA BORDER REGION (127)
Felt (II) at Santiago, Chile.

FCH 0.01 106 iPd 35 57.90 0.3
BACH 0.16 260 iPd 35 57.50 0.0
SAN 0.33 247 iPc 35 57.70 -0.2
iS 36 08.50
PCH 0.34 211 iPc 35 58.70 0.7
PEL 0.37 299 iPd 35 57.80 -0.3
TACH 0.62 238 iPc 36 00.10 0.3
CHCH 0.67 205 iPd 36 01.10 0.8
JACH 0.69 339 iPd 36 00.00 -0.4
ROCH 0.69 300 iPc 36 00.00 -0.6
LNV 1.12 235 iPc 36 04.60 -0.1
i 36 20.20
RTCV 2.09 46 ePd 36 18.00 1.2
S 36 44.10
CFA 2.45 46 ePd 36 22.10 0.6
S 36 51.40
RTLL 2.52 38 iPd 36 23.10 0.5
S 36 53.50
TLL 3.18 352 iPd 36 29.50 -2.1
VCA 4.91 22 ePd 36 54.50 -0.7
S 37 50.00
TCA 5.23 69 iPd 36 58.30 -1.2
S 37 55.00
CYA 6.22 40 eP 37 09.50 -3.6X
VBA 8.25 127 ePd 37 39.80 -1.1
SLA 9.54 27 eP 38 12.20 13.7X
CNCB 16.58 8 iP 39 31.00 0.7
LPB 16.84 7 eP 39 35.00 1.6
eLR 48 20.00
ALQ 75.90 330 eP 47 19.00 0.0
1.0s 4.50nm 4.2mb
S.D. = 1.0 on 20 of 22 obs.

FEB 03, 1985 00h 06m 49.81± 0.51s
38.846 N ± 4.0km 142.195 E ± 5.7km
DEPTH = 65.6 ± 4.0 km
4.8mb (24 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (III JMA) at Ofunoto, (II JMA) at Miyako, (I JMA) at Morioka and Ishinomaki.

OFU 0.43 300 iPd 07 00.90 -0.8
S 07 08.50
ISN 0.82 239 Pc 07 05.90 -0.1
S 07 16.50
MIY 0.82 348 iPd 07 05.00 -1.0
iS 07 15.90
MRK 1.16 317 iPd 07 10.50 0.0
iS 07 25.00
SEN 1.17 240 eP 07 12.00 1.4
iS 07 26.60
YAM 1.56 248 eP 07 17.00 1.1
eS 07 36.00
FKS 1.74 232 eP 07 21.00 2.7X
S 07 40.10
HAC 1.75 343 eP 07 17.00 -1.5
iS 07 37.60
AKI 1.84 299 eP 07 20.00 0.2
eS 07 40.00
AOM 2.25 332 eP 07 27.00 1.6
eS 07 50.00
TSK 3.11 213 eP 07 37.00 -0.5
DDR 3.71 221 eP 07 46.40 0.4
e 08 26.70
MAT 3.91 235 iPd 07 50.20 1.5
eS 08 35.00
SRY 3.98 217 eP 07 49.40 -0.4
KYS 3.99 205 eP 07 49.50 -0.4
OYM 4.15 216 eP 07 52.50 0.3
MDJ 11.04 306 eP 09 26.50 -0.7
CN2 13.52 297 Pc 10 02.40 2.3
SSE 18.85 252 P 11 07.50 0.3
1.0s 67.00nm 4.8mb
Z 32s 2.90um
N 28s 2.00um
E 36s 2.00um
S 13 08.00
sS 13 32.00
PS 14 08.00
TIA 20.04 270 eP 11 17.40 -2.6
BJI 20.11 282 eP 11 17.00 -3.7X
NJ2 20.16 257 eP 11 20.00 -1.2
XAN 27.10 270 eP 12 27.80 -0.5
GYA 32.17 258 P 13 12.80 -0.7
CD2 32.33 268 eP 13 14.00 -0.8
GTA 32.66 285 eP 13 16.50 -1.2
PcP 16 02.70
WMQ 40.60 295 P 14 25.50 0.9
NNT 45.76 247 eP 15 06.50 0.0
COL 47.25 33 iP 15 18.20 0.5
0.7s 8.90nm 4.8mb
INK 52.51 28 iPc 15 57.00 -0.9
NDI 53.95 280 eP 16 04.00 -5.0X
MBC 54.62 17 ePc 16 13.00 -0.3
0.9s 11.00nm 4.9mb
HYB 58.88 268 eP 16 44.20 -0.2
WB2 58.94 189 iPc 16 43.20 -1.3
e 16 58.20
WRA 58.94 189 Pc 16 43.30 -1.2
0.5s 9.30nm 5.2mb
YKA 61.94 31 eP 17 04.10 -0.4
KEV 61.97 339 eP 17 09.00 4.3X
GBA 61.98 265 Pd 17 05.10 -0.3
0.9s 17.30nm 5.2mb
SOD 63.54 337 iP 17 14.00 -1.1
DAG 64.03 355 iPd 17 16.80 -1.4
0.7s 8.90nm 4.8mb
KJF 65.16 334 iP 17 24.80 -0.8
0.7s 13.30nm 5.0mb
i 17 45.00
SUF 66.65 333 iP 17 33.90 -1.2
0.5s 4.10nm 4.7mb
EDM 67.55 39 ePd 17 40.80 -0.3
NUR 68.64 332 iP 17 46.80 -0.8
FFC 71.85 33 iPc 18 06.80 -0.4
1.0s 17.00nm 4.9mb
LRM 72.43 45 eP 18 11.20 0.1
HFS 72.69 336 eP 18 11.40 -0.7
0.4s 3.60nm 4.7mb

NB2 72.76 337 P 18 10.00 -2.5
0.7s 5.30nm 4.6mb
BMN 72.90 52 eP 18 14.40 0.6
0.7s 2.67nm 4.3mb
EUR 74.24 52 iP 18 22.50 0.8
0.2s 13.96nm 5.5mb
BDW 75.95 46 eP 18 31.10 -0.4
0.8s 1.90nm 4.1mb
RSSD 78.07 42 eP 18 43.40 0.2
0.7s 2.63nm 4.3mb
SPC 78.45 325 eP 18 51.00 5.9X
KSP 78.89 328 eP 18 48.00 0.8
CLL 79.83 330 iP 18 52.40 0.7
0.9s 14.00nm 4.9mb
KHC 81.32 329 iP 19 01.00 0.8
GRF 81.81 330 eP 19 03.80 1.1
0.7s 8.00nm 4.8mb
LHC 81.85 32 eP 19 02.50 -0.4
ALQ 82.96 50 eP 19 10.00 0.8
1.2s 12.89nm 4.8mb
e 19 26.50
SKO 83.20 320 eP 19 10.80 0.7
VOY 83.63 327 e(P) 19 11.80 -0.5
TRI 83.94 326 eP 19 13.00 -0.7
BSF 85.01 332 eP 19 19.40 0.2
HAU 85.03 332 eP 19 19.50 0.3
LOR 86.55 333 eP 19 27.10 0.3
0.9s 9.80nm 4.9mb
FLN 86.71 336 eP 19 27.60 0.2
LDF 86.74 336 eP 19 27.90 0.3
LBF 86.75 333 eP 19 27.90 0.1
0.8s 4.20nm 4.6mb
SMF 87.09 333 eP 19 30.00 0.6
1.0s 6.80nm 4.8mb
AVF 87.14 333 eP 19 30.10 0.5
0.8s 8.90nm 5.0mb
GRR 87.15 336 eP 19 30.20 0.6
LPF 87.53 336 eP 19 32.10 0.7
0.8s 7.40nm 4.9mb
MZF 87.91 333 eP 19 34.40 1.1
LSF 88.24 334 eP 19 35.50 0.6
MFF 88.50 335 eP 19 37.00 0.9
RJF 89.07 333 eP 19 39.70 0.8
CAF 89.21 333 eP 19 40.60 1.0
0.7s 4.40nm 4.8mb
LFF 89.66 334 eP 19 42.80 1.2
LPO 89.73 333 eP 19 42.90 0.9
MTD 116.27 269 ePKP 25 17.00 -10.8X
BUL 120.49 268 iPKPd 25 36.00 0.2
LPB 145.43 58 ePKP 26 23.00 0.3
CNCB 145.70 59 iPKP 26 25.00 1.6
TPZ 148.36 66 (PKF) 26 38.00 10.7X
ITR 150.04 1 ePKP 26 35.20 5.6X
S.D. = 0.9 on 77 of 85 obs.

FEB 03, 1985 00h 43m 44.33± 0.35s
12.158 N ± 7.1km 57.924 E ± 4.2km
DEPTH = 10.0km (geophysicist)
4.8mb (24 obs.)
ARABIAN SEA (417)

POO 16.61 66 iPc 47 40.30 1.3
eS 50 33.00
SHI 18.11 345 eP 47 58.00 0.2
GBA 19.08 84 Pd 48 13.40 3.8X
1.0s 65.30nm 4.8mb
AAE 19.09 262 eP 48 12.00 1.9
KOD 19.27 94 eP 48 03.00 -9.3X
KOD 19.27 94 eP 48 13.00 6.7
QUE 19.80 24 eP 48 20.00 1.9
HYB 20.61 73 ePc 48 27.20 6.6
e 48 39.00
MHI 24.08 3 iPd 49 05.00 4.1X
KER 24.19 338 eP 49 05.00 2.9X
NDI 24.38 45 eP 49 06.00 2.2
BHD 24.40 332 eP 49 05.50 1.6
NAI 24.86 239 iP 49 10.50 1.7
2.0s 147.06nm 5.3mb
MSL 27.55 334 eP 49 40.50 7.2X
e 50 10.50
TAB 27.80 340 eP 49 38.00 2.2
PKI 29.95 55 eP 50 03.60 8.1X
0.9s 15.00nm 4.8mb
SHL 34.68 62 iP 50 37.70 1.1
MTD 38.79 223 iPc 51 11.00 -0.3
BNG 39.67 262 ePd 51 18.60 0.0
0.5s 8.00nm 4.6mb

03d 00h

		id	51	24.20		
BDT	40.00	78 eP	51	20.00	-1.2	
	1.0s	34.50nm			5.0mb	
CHTO	40.01	75 eP	51	20.20	-1.2	
	1.0s	2.50nm			3.8mb	
KRI	40.16	225 eP	51	35.00	12.3X	
NNT	40.81	85 eP	51	28.90	1.0	
VAY	42.41	320 eP	51	30.00	-10.7X	
MLR	42.93	327 eP	51	50.00	4.9X	
BUL	43.15	222 iPc	51	47.00	-0.2	
SKO	43.47	320 eP	51	50.20	0.8	
GTA	45.87	46 eP	52	09.30	0.4	
CD2	46.17	59 Pd	52	10.90	-0.3	
GYA	47.87	65 P	52	24.40	-0.4	
SPC	48.26	327 e(P)	52	36.30	8.7X	
SRO	48.52	325 eP	52	35.00	5.6X	
ZST	49.41	325 e(P)	52	41.00	4.8X	
LJU	49.83	321 eP	52	40.00	0.5	
		e	52	49.30		
TRI	50.14	321 eP	52	41.40	-0.5	
		i	52	51.00		
VOY	50.21	321 eP	52	42.40	-0.2	
		e	52	45.30		
XAN	51.12	56 Pc	52	48.80	-0.8	
CTI	51.62	320 eP	52	53.30	0.1	
KHC	51.89	324 P	52	54.50	-0.7	
		e	53	04.00		
FUR	52.78	322 iPc	53	01.40	-0.5	
	0.8s	24.00nm			5.2mb	
CLL	53.31	326 eP	53	09.00	3.4X	
	1.4s	18.00nm			4.8mb	
GRF	53.51	324 eP	53	07.40	0.2	
	0.8s	6.00nm			4.6mb	
		e	53	15.90		
BTO	53.62	48 eP	53	08.80	0.5	
MOX	53.74	325 e(P)	53	16.00	7.1X	
NUR	54.10	340 eP	53	11.00	-0.3	
CDF	55.31	321 eP	53	20.00	-0.5	
	1.1s	14.60nm			4.9mb	
SUF	55.33	343 eP	53	20.00	-0.3	
	0.8s	3.60nm			4.5mb	
BSF	55.38	320 eP	53	20.50	-0.6	
	1.1s	14.60nm			4.9mb	
HAU	55.72	320 eP	53	22.70	-0.7	
KJF	56.08	345 eP	53	37.00	11.3X	
WLF	56.48	322 Pc	53	38.00	9.3X	
SMF	56.85	318 eP	53	30.80	-0.7	
	1.1s	8.30nm			4.7mb	
LBF	56.87	319 iPc	53	31.30	-0.4	
	1.2s	27.50nm			5.2mb	
LOR	57.04	319 iPc	53	32.50	-0.4	
	0.8s	14.70nm			5.1mb	
AVF	57.21	318 eP	53	33.30	-0.8	
BGF	57.47	318 iPc	53	35.70	-0.2	
	0.8s	17.90nm			5.1mb	
MZF	57.54	317 iPc	53	36.10	-0.3	
	1.3s	26.70nm			5.1mb	
DOU	57.57	322 Pc	53	36.50	0.0	
TCF	57.81	317 iPc	53	37.80	-0.5	
	1.0s	3.50nm			4.3mb	
HFS	57.87	336 eP	53	36.30	-2.1	
	0.3s	1.10nm			4.4mb	
UCC	57.98	323 P	53	49.20	9.9X	
BJI	58.05	50 eP	53	39.50	-0.6	
TIA	58.13	55 eP	53	39.00	-1.7	
LSF	58.25	317 iPc	53	40.90	-0.5	
	1.0s	2.50nm			4.2mb	
LFF	58.42	316 iPc	53	42.40	-0.2	
	1.3s	15.40nm			4.9mb	
SOD	58.91	346 eP	53	40.00	-5.7X	
NJ2	59.07	60 Pc	53	46.40	-0.9	
LDF	60.00	319 eP	53	52.80	-0.6	
	1.1s	16.80nm			4.9mb	
FLN	60.27	320 eP	53	54.50	-0.8	
LPF	60.43	319 iPc	53	55.60	-0.8	
	1.0s	12.50nm			5.0mb	
KIC	62.01	271 eP	54	09.50	1.8	
CN2	65.48	47 Pc	54	29.20	-0.7	
WRA	81.66	112 Pc	56	04.00	-0.7	
	0.4s	0.70nm			4.1mb	
WB2	81.67	112 eP	56	04.00	-0.8	
MBC	91.75	359 eP	56	55.00	2.0	
YKA	105.36	356 ePdiff	57	49.80	-4.8X	

S.D. = 1.0 on 57 of 76 obs.

FEB 03, 1985 01h 48m 30.25± 0.36s
37.270 N ± 3.2km 121.618 W ± 3.6km

DEPTH = 5.0km (geophysicist)
CENTRAL CALIFORNIA (39)
ML 2.8 (BRK). Mo=9.5*10**19 (BRK).

MHC	0.07	345 iPd	48	32.85	0.7	
ARN	0.10	40 iPc	48	33.30	0.7	
SLD	0.37	121 iPd	48	38.10	0.4	
GCC	0.39	232 iPc	48	38.25	0.2	
SAO	0.52	165 iPd	48	41.30	0.6	
PCC	0.65	291 iPc	48	42.70	-0.6	
BKS	0.78	321 eP	48	46.10	0.2	
		eS	48	48.57		
BRK	0.79	320 eP	48	45.80	-0.2	
		eS	48	57.30		
ZSP	0.84	323 ePc	48	47.20	0.2	
LLA	0.85	140 ePd	48	46.90	-0.2	
PRS	0.96	168 ePc	48	48.60	-0.3	
JAS1	1.16	55 iPc	48	52.00	-0.3	
		iS	49	07.80		
FRI	1.55	100 eP	48	57.80	-0.7	
ORV	2.28	2 eP	49	08.50	-0.7	

S.D. = 0.6 on 14 of 14 obs.

* FEB 03, 1985 02h 40m 12.82± 0.81s
25.452 N ± 5.4km 94.561 E ± 5.0km
DEPTH = 58.8 ± 9.8 km
4.6mb (6 obs.)
BURMA-INDIA BORDER REGION (294)

SHL	2.42	273 iP	40	51.50	0.6	
		iS	41	15.20		
KMI	7.41	91 Pc	42	04.00	3.0X	
N	10s	0.50um				
		eS	43	11.00		
CHG	7.75	148 eP	42	06.00	0.5	
CHTO	7.75	148 eP	42	05.70	0.2	
PKI	8.47	286 Pn	42	13.80	-1.9	
KKN	8.63	288 Pn	42	16.20	-1.6	
		Sn	43	51.10		
BDT	9.15	152 eP	42	23.50	-1.3	
		e	44	58.00		
CD2	9.76	54 P	42	34.60	1.4	
GYA	10.94	82 P	42	50.40	1.1	
KMT	11.27	160 eP	42	54.90	1.3	
		e	46	15.00		
LZH	13.26	35 eP	43	19.50	-0.6	
NNT	13.69	158 eP	43	33.20	7.5X	
		e	47	05.80		
GTA	14.60	16 eP	43	36.40	-1.3	
XAN	15.11	52 eP	43	42.80	-1.4	
NDI	15.78	286 eP	43	48.00	-4.8X	
		eS	46	33.00		
HYB	16.90	245 eP	44	08.00	1.1	
		e	44	34.80		
WMQ	19.16	345 P	44	35.00	0.6	
BTO	19.86	37 eP	44	41.60	-0.2	
GBA	19.96	237 P	44	44.00	1.2	
	0.8s	8.50nm			4.1mb	
POO	20.39	254 iPc	44	47.70	0.3	
HHC	20.88	38 eP	44	53.80	1.5	
TIA	22.09	56 eP	45	03.60	-0.8	
PSI	23.01	169 ePd	45	13.50	0.0	
BJI	23.20	46 (P)	45	17.00	1.9	
QUE	24.84	287 eP	45	33.00	1.6	
		eS	50	14.00		
SUF	57.82	330 iP	50	00.70	0.5	
	0.5s	2.30nm			4.6mb	
SOD	58.30	335 eP	50	04.00	0.5	
NUR	58.33	327 eP	50	04.00	0.2	
WRA	59.42	136 Pc	50	09.40	-2.5	
	0.5s	3.50nm			4.7mb	
WB2	59.43	136 eP	50	09.80	-2.1	
HFS	63.78	327 eP	50	40.80	0.2	
	0.5s	4.10nm			4.7mb	
NB2	64.89	328 P	50	46.20	-1.7	
	0.6s	1.80nm			4.2mb	
MTD	74.29	242 eP	51	46.00	-0.1	
BNG	75.48	268 iPd	51	52.60	-0.4	
	0.8s	7.00nm			4.6mb	
		id	52	10.30		
MBC	76.38	8 eP	51	59.50	2.5X	
COL	78.02	23 eP	52	07.00	0.8	
BUL	78.47	241 iPc	52	10.00	0.4	
INK	80.10	16 eP	52	20.00	2.6X	

S.D. = 1.2 on 33 of 38 obs.

? FEB 03, 1985 03h 01m 44.67± 1.19s
6.818 S ± 9.8km 130.456 E ±11.0km
DEPTH = 64.1 ± 20.3 km
4.5mb (3 obs.)
BANDA SEA (280)

AAI	3.84	324 ePc	02	42.50	-0.1	
MTN	6.03	174 eP	03	15.00	1.6	
		eS	04	22.00		
KNA	9.03	190 iPd	03	55.20	0.3	
		eS	05	32.00		
TZZ	10.82	82 eP	04	19.50	0.2	
WRA	13.58	164 Pc	04	54.40	-1.6	
	0.5s	10.60nm			4.7mb	
WB2	13.59	164 eP	04	54.00	-2.0	
		iS	07	19.70		
PMG	16.73	100 eP	05	40.00	3.6X	
ASPA	17.08	169 eP	05	42.00	1.2	
		eS	08	43.00		
MBL	17.58	215 eP	05	46.00	-0.9	
		eS	08	54.00		
W8N	19.57	190 eP	06	11.00	0.7	
		eS	09	40.00		
CTA	20.22	132 iPd	06	19.90	2.8X	
	0.7s	10.62nm			4.3mb	
NAU	21.27	221 eP	06	28.00	0.3	
	0.5s	11.00nm			4.5mb	
		eS	10	17.00		
MEK	22.72	209 eP	06	42.00	-0.1	
		eS	10	59.00		
STK	27.02	159 eP	07	23.00	0.3	
YOU	31.95	151 iPd	08	08.50	1.8X	
CAN	33.09	152 eP	08	18.70	2.1X	
WAM	33.75	153 eP	08	24.90	2.6X	
CNCB	150.27	142 iPKP	21	33.00	6.6X	
LPB	150.42	142 ePKP	21	35.00	8.6X	
		LR	48	27.00		

S.D. = 1.3 on 12 of 19 obs.

* FEB 03, 1985 03h 02m 09.96± 0.55s
17.300 S ±15.0km 172.258 W ±13.1km
DEPTH = 33.0km (normal)
4.6mb (5 obs.)
TONGA ISLANDS REGION (174)

NUE	2.83	129 P	02	50.00	-3.9X	
		S	03	22.00		
AFI	3.40	8 P	02	55.00	-7.1X	
		S	03	35.00		
SGE	9.38	267 ePc	04	24.70	-1.3	
KRP	23.17	205 P	07	14.00	-0.6	
SPA	72.81	180 e(P)	13	36.00	-1.1	
BMN	76.88	40 eP	14	01.40	0.6	
	1.4s	17.50nm			4.9mb	
PNT	81.03	32 eP	14	24.00	1.1	
	0.7s	5.00nm			4.6mb	
ALQ	81.19	49 eP	14	24.00	-0.3	
	1.0s	4.25nm			4.4mb	
BDW	82.95	41 eP	14	32.00	-1.3	
	1.1s	2.12nm			4.1mb	
COL	84.05	10 eP	14	37.00	-1.2	
	0.8s	10.45nm			5.1mb	
TIA	85.26	310 eP	14	45.40	0.6	
EDM	86.53	31 eP	14	49.00	-1.8	
BJI	87.56	313 eP	14	56.50	0.5	
INK	89.84	13 eP	15	05.00	-1.2	
GYA	89.89	298 eP	15	09.40	1.9	
PEL	90.00	125 iPd	15	09.40	1.5	
XAN	90.62	305 eP	15	11.80	1.2	
CLL	145.81	354 iPKPd	21	49.20	2.5X	
	1.7s	31.00nm				
		e	21	57.00		
KSP	145.84	350 ePKP	21	46.50	-0.3	
KRA	145.88	346 ePKP	21	57.10	10.2X	
		e	22	03.60		
NAI	145.93	240 ePKP	21	50.00	1.7	
	1.5s	69.44nm				
MOX	146.59	356 ePKP	21	51.00	3.0X	
	2.0s	49.00nm				
		e	22	04.00		
GRA2	147.59	356 ePKP	21	54.50	4.8X	
	0.8s	4.00nm				
WLF	147.69	2 PKP	22	03.70	14.0X	
KHC	147.90	353 iPKP	21	53.50	3.3X	
		e	22	04.00		
FLN	147.91	10 iPKPc	21	54.50	4.3X	
GRR	148.21	11 iPKPc	21	55.50	4.9X	

LPF	148.52	11	iPKPc	21	56.30	5.1X
LOR	149.94	5	ePKP	21	58.20	4.8X
KBA	149.95	352	e(PKP)	22	02.00	8.4X
	0.9s		2.90nm			
			e	22	07.70	
LBF	150.24	5	ePKP	21	59.70	5.8X
BGF	150.54	7	ePKP	22	01.70	7.4X
SMF	150.56	5	ePKP	22	01.60	7.2X
LSF	150.68	9	iPKPc	22	01.80	7.3X
TCF	150.73	8	iPKPc	22	02.00	7.4X
LJU	150.79	350	e(PKP)	22	00.20	5.5X
			e	22	09.30	
MZF	150.85	7	iPKPc	22	02.00	7.2X
VOY	150.90	351	e(PKP)	22	01.00	6.0X
			e	22	04.50	
CTI	151.15	354	ePKP	22	01.00	5.6X
TRI	151.23	351	ePKP	22	00.30	5.0X
			e	22	09.50	
	S.D. = 1.3		on 17 of 40 obs.			

• FEB 03, 1985 03h 47m 48.61± 1.73s
17.267 N ±13.3km 99.467 W ±19.9km
DEPTH = 63.9 ± 10.2 km
4.2mb (1 obs.)
GUERRERO, MEXICO (59)

III	1.10	360	iP	48	09.00	0.4
			iS	48	27.50	
PIO	1.55	124	iP	48	14.00	-0.5
			iS	48	33.50	
TPM	1.75	13	iP	48	18.00	0.6
OXM	2.03	354	iP	48	21.50	0.0
			iS	48	51.00	
UNM	2.07	7	eP	48	22.00	0.0
IIP	2.13	14	iP	48	23.50	0.6
			iS	48	53.00	
TAC	2.14	7	eP	48	23.00	0.0
			iS	48	55.00	
IIC	2.49	5	iP	48	26.50	-1.5
			i	48	54.00	
VHO	2.61	90	iP	48	30.00	0.5
			iS	49	08.00	
TUL	18.85	9	eP	52	06.60	0.3
	0.8s		11.70nm		4.2mb	
RLO	19.23	11	eP	52	09.20	-1.4
YKA	46.41	350	eP	56	11.00	0.7
INK	55.36	345	eP	57	18.00	0.1
MBC	59.90	355	eP	57	50.00	0.2
	S.D. = 0.8		on 14 of 14 obs.			

FEB 03, 1985 04h 50m 55.24± 0.11s
20.547 S ± 4.3km 174.099 W ± 3.0km
DEPTH = 56.5km (7 depth phases)
5.8mb (47 obs.)
TONGA ISLANDS (173)
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=340 Dip=65 Slip= 90
NP2: 160 25 90
Principal Axes:
T Plg=70 Azm=250
P 20 70
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 39 No. of sta: 12
Moment Tensor; Scale 10**25 d-cm
Mrr= 1.09 Mtt= 0.28
Mff=-1.37 Mrt=-0.48
Mrf=-0.22 Mtf=-0.03
Principal axes:

	Val=	Plg=	Azm=
T	1.32	65	170
N	0.07	24	5
P	-1.40	6	273

Best Double Couple:Mo=1.4*10**25
NP1:Strike=338 Dip=45 Slip= 55
NP2: 203 55 120
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 27C
Centroid Location:
Origin Time 04:50:57.7 0.2
Lat 20.68S 0.03 Lon 173.93W 0.03
Dep 33.8 1.8 Half-duration 3.7
Moment Tensor; Scale 10**24 D-CM
Mrr= 7.21 0.16 Mtt= 1.02 0.26
Mff=-8.24 0.26 Mrt= 2.89 0.40
Mrf= 4.65 0.45 Mtf= 4.47 0.18
Principal Axes:

	Val=	Plg=	Azm=
T	10.33	59	323
N	0.34	29	168
P	-10.67	11	72

Best Double Couple:Mo=1.1*10**25
NP1:Strike=130 Dip=42 Slip= 44
NP2: 5 62 123

NUE	4.19	70	iP	51	47.30	-10.8X
			S	52	31.00	
AFI	6.96	19	iPd	52	29.00	-8.1X
			S	54	00.00	
VUN	7.46	289	eP	52	48.10	4.1X
SGE	8.10	290	ePc	52	57.80	4.9X
YSA	8.77	295	eP	53	06.70	4.6X
RAR	13.41	95	P	53	48.00	-16.5X
			S	56	09.50	
PVC	16.85	277	iPc	54	52.00	3.1X
CRZ	18.11	217	P	55	04.80	0.5
NOU	18.19	261	iPc	55	06.00	0.5
			iS	58	39.00	
			ScP	01	20.50	
GNZ	19.28	199	P	55	18.00	-0.1
			S	58	37.00	
KRP	19.51	205	P	55	21.00	0.3
			S	59	01.00	
MNG	21.89	202	P	55	41.50	-3.5X
			S	59	30.00	
WEL	22.73	202	P	55	53.00	-0.3
			S	59	47.00	
TBI	23.02	101	iP	55	54.40	-1.8
	1.3s		460.00nm		5.7mb	
AFR	23.18	87	iP	55	55.40	-2.4
	1.3s		360.00nm		5.7mb	
PAE	23.34	87	iP	55	57.30	-2.0
	1.3s		245.00nm		5.5mb	
PPT	23.36	87	iP	55	57.40	-2.2
	1.3s		515.00nm		5.8mb	
PPN	23.50	87	iP	55	58.90	-2.0
TVO	23.63	88	iP	56	00.30	-1.9
	1.3s		270.00nm		5.6mb	
PMO	25.54	82	iP	56	17.70	-2.7
	1.3s		245.00nm		5.6mb	
VAH	25.72	82	iP	56	19.00	-3.1X
	1.3s		175.00nm		5.4mb	
TPT	25.80	82	iP	56	19.80	-3.0X
	1.3s		295.00nm		5.7mb	
RUV	25.96	83	iP	56	21.10	-3.2X
	1.3s		200.00nm		5.5mb	
HNR	27.35	290	eP	56	35.00	-2.1
			eS	01	30.00	
SVO	27.59	290	eP	56	44.00	4.7X
BRS	30.96	251	iPd	57	08.50	-0.9
			i	57	19.00	38kmX
			e	58	17.00	
			e(PP)	58	22.00	
			i	00	06.50	
			eS	02	07.00	
COO	32.16	245	eP	57	19.00	-0.8
CAN	35.55	238	iPc	57	48.20	-0.8
			iPcP	00	19.00	
			eS	03	20.80	
YOU	35.79	240	iPc	57	50.20	-0.9
			iPcP	00	17.40	
			eS	20	32.70	
WAM	35.86	236	iPc	57	50.90	-0.7
			iPcP	00	19.90	
RKT	36.34	101	iP	57	56.80	1.1
	1.2s		115.00nm		5.7mb	
RAB	36.61	292	eP	57	55.10	-3.0X
CTA	37.12	264	iPd	58	01.70	-0.6
	0.8s		88.06nm		5.7mb	
Z	19s		14.06um		5.8Msz	
			iPcP	00	23.30	
			iS	03	27.00	
CMS	37.44	245	eP	58	03.00	-1.9
	0.5s		33.00nm		5.5mb	
TOO	38.85	235	eP	58	16.00	-0.7
PMG	38.93	281	iPc	58	15.80	-1.8
	1.0s		240.00nm		6.0mb	
TAU	39.20	226	iPc	58	19.00	-0.5
			eS	04	16.00	
LAT	40.12	285	eP	58	27.00	-0.4
BFD	41.05	237	eP	58	34.00	-0.7
STK	41.07	245	eP	58	34.00	-1.0
MDG	41.81	286	eP	58	41.00	-0.2
ADE	43.77	241	iPc	58	55.90	-1.2
TZZ	45.94	283	eP	59	13.00	-1.7
JAY	47.55	286	ePc	59	26.00	-1.3
ASPA	48.86	256	eP	59	29.00	-2.3
WB2	48.20	261	iPc	59	29.50	-2.8
WRA	48.21	261	Pd	59	30.40	-2.0
	1.1s		94.60nm		5.7mb	
GUA	52.64	307	eP	00	05.20	-0.9
	0.9s		544.54nm		6.6mb	
			e(S)	07	28.00	
PJG	52.70	307	eP	00	05.60	-1.0
MTN	52.82	269	eP	00	06.00	-1.5
KNA	54.28	265	iPd	00	16.80	-1.4
WBN	54.36	252	iPd	00	17.10	-1.7
DRV	54.56	201	iPc	00	19.50	-0.1
SBA	58.09	185	iPc	00	46.30	1.6
AAI	58.54	279	ePd	00	46.50	-2.1
	0.5s		102.00nm		6.2mb	
MBL	61.31	257	iPd	01	05.40	-2.2
	0.4s		62.00nm		6.1mb	
KLB	61.34	245	iPd	01	06.90	-0.8
	0.4s		33.00nm		5.8mb	
MEK	61.41	250	iPd	01	06.40	-1.9
NWAO	61.61	243	iPd	01	09.10	-0.4
Z	20s		4.10um		5.6Msz	
N	20s		3.90um			
E	20s		4.10um			
RKG	61.66	242	eP	01	09.00	-0.8
BAL	62.37	245	iPd	01	13.90	-0.7
	0.4s		20.00nm		5.6mb	
MUN	62.59	244	iPc	01	15.60	-8.5
MRWA	63.20	247	iPd	01	19.80	-0.3
MNI	63.60	282	ePc	01	22.00	-0.9
NAU	64.94	254	eP	01	30.00	-1.5
	0.4s		80.00nm		6.1mb	
DAV	65.31	288	eP	01	31.00	-2.9X
			eS	10	10.00	
MKS	66.13	273	e(P)	01	34.00	-5.2X
SPA	69.58	180	iPc	02	01.10	0.9
	0.9s		271.82nm		6.2mb	
Z	20s		5.41um		5.8Msz	
LGP	69.68	293	ePc	02	00.50	-0.8
KYS	70.41	321	eP	02	05.70	0.3
OYM	71.09	321	eP	02	08.40	-1.2
TSK	71.14	322	eP	02	09.00	-0.8
SRY	71.20	321	eP	02	09.30	-0.9
DDR	71.52	322	eP	02	11.50	-0.7
ADK	72.15	358	eP	02	15.00	-0.5
MAT	72.47	321	iPc	02	17.20	-0.6
	0.7s		82.19nm		5.8mb	
Z	20s		1.60um		5.3Msz	
			eS	11	42.00	
OCP	72.64	293	eP	02	11.00	-8.2X
MAN	72.65	293	ePc	02	19.00	-0.2
KKM	73.32	283	ePc	02	22.40	-0.9
BAG	73.88	295	eP+	02	25.00	-1.6
			eS	11	54.00	
SHK	74.55	317	iPc	02	30.20	0.3
PRS	75.38	42	ePc	02	34.70	0.1
GCC	75.44	41	ePc	02	34.50	-0.4
PCC	75.51	40	eP	02	35.00	-0.3
SAO	75.61	41	eP	02	35.00	-0.9
PRI	75.70	42	ePc	02	36.50	-0.1
BRK	75.82	40	ePc	02	36.70	-0.4
LLA	75.82	42	ePc	02	36.90	-0.3
BKS	75.84	40	eP	02	36.00	-1.2
	1.0s		139.00nm		5.8mb	
Z	20s		7.00um		6.0Msz	
N	20s		5.00um			
E	20s		3.80um			
			e	12	22.00	
			e	21	24.28	
			e	21	57.60	
MHC	75.85	41	ePc	02	37.50	0.0
ARN	75.92	41	P	02	37.20	-0.6
PAS	76.08	45	eP	02	37.00	-1.7
			eSKS	12	25.00	
			ePS	13	04.00	
			eSS	17	04.00	
			eSSS	20	35.00	
			eLg	22	00.00	
			eLR	25	36.00	
MWC	76.21	45	eP	02	39.00	-0.6
BAR	76.23	47	eP	02	39.00	-0.6
PLM	76.49	46	eP	02	40.00	-1.2

03d 05h

RVR	76.52	46	eP	02	40.00	-1.2	FBA	87.55	11	eP	03	36.00	-1.7	RSON	99.83	39	eP	04	33.80	-0.8
SBB	76.64	45	eP	02	40.00	-1.9		1.0s	300.00nm			6.5mb			1.3s	9.68nm			5.2mb	
FHC	76.75	37	ePc	02	42.20	-0.1	GOL	87.69	46	eP	03	39.00	-0.3	GTA	99.85	308	eP	04	35.30	0.2
ISA	76.80	44	eP	02	43.00	0.2		0.8s	13.39nm			5.2mb					PP	08	35.50	
FRI	76.83	42	iPc	02	42.20	-0.6	Z	19s	1.37um			5.4Msz		LHC	101.77	43	ePdiff	04	43.00	-0.4
WKTM	76.90	44	P	02	42.90	-0.4	IMA	87.72	8	eP	03	39.40	0.7	SHL	102.07	293	ePdiff	04	45.80	0.3
JAS	76.97	41	iPc	02	43.10	-0.5	GLD	87.81	46	eP	03	40.00	0.2				eS	15	26.00	
TATO	77.24	303	eP	02	45.00	-0.3		1.2s	52.53nm			5.6mb		MBC	102.08	12	ePdiff	04	44.00	-0.1
ANP	77.32	303	eP	02	46.00	0.1	Z	19s	1.05um			5.3Msz		PKI	108.19	293	ePKP	09	18.60	-0.9
ORV	77.36	39	iPc	02	45.00	-0.7	SNG	88.10	278	eP	03	43.50	2.1		0.8s	27.00nm				
WDC	77.43	38	iPc	02	45.70	-0.3	BJI	88.52	314	eP	03	43.00	0.1	KKN	108.35	293	ePKP	09	19.00	-0.7
CLC	77.46	44	iP	02	45.90	-0.5	Z	19s	2.30um			5.6Msz			0.8s	31.00nm				
TPC	77.48	46	eP	02	46.00	-0.5	N	18s	1.50um					GBA	111.72	277	PKPd	09	26.10	0.1
CWC	77.52	43	eP	02	45.00	-1.9	E	18s	1.50um						0.8s	12.20nm				
GSC	77.67	45	eP	02	46.00	-1.6				esP	03	57.00		HYB	111.75	281	ePKP	09	26.00	-0.1
GLA	77.72	48	eP	02	48.00	0.2				eS	14	22.00		POO	116.36	281	iPKPd	09	34.70	-0.2
MIN	77.81	38	iPc	02	47.30	-1.0				esS	14	44.50		KSH	117.91	305	PKP	09	39.00	1.6
MNA	78.68	42	iPc	02	53.20	0.0	LNV	88.69	126	iP	03	43.50	-0.5				PP	10	52.00	
AIA	79.48	156	iP	02	57.80	1.0	TSI	88.72	274	ePd	03	48.00	3.5X	DAG	122.39	7	iPKPd	09	43.90	-0.8
QZH	79.52	302	iPc	02	58.00	0.2	ATX	88.99	57	P	03	45.80	0.4		0.7s	11.64nm				
			pP	03	14.00	57km	TACH	89.17	126	iPd	03	46.00	-0.4				i	11	17.00	
KDC	80.05	12	eP	03	00.60	0.7	SAN	89.46	126	iP	03	48.50	0.7	GRM	122.92	201	iPKPd	09	47.50	0.5
BMN	80.47	40	iPc	03	02.70	-0.1	PEL	89.57	125	iPc	03	47.20	-1.1		0.7s	68.49nm				
	1.5s	219.70nm				5.9mb	JACH	89.83	125	iPc	03	50.20	0.6	AVY	123.27	229	ePKPd	09	49.10	0.8
			pP	03	12.00	30kmX	GYA	89.87	298	Pc	03	51.00	1.2	OUE	124.56	293	ePKP	09	51.00	0.5
SSE	80.56	308	Pc	03	03.00	-0.2				pP	04	08.00	60km	SUR	125.47	196	iPKPd	09	53.00	0.8
EUP	80.68	42	iP	03	03.50	-0.5	TIY	90.06	311	iPc	03	51.50	1.2		0.9s	77.31nm				
	0 2s	86.52nm				6.3mb	EDM	90.20	32	iPc	03	50.10	-0.5		Z 17s	3.64um			6.1MszX	
HYC	81.93	297	eP	03	12.00	1.5		1.5s	411.00nm			6.5mb		BLF	126.90	202	iPKPd	09	55.60	0.5
			epP	03	28.00	57km	HKT	90.45	58	P	03	52.00	-0.2		0.5s	13.51nm				
			eS	13	24.00		RSSD	90.68	43	eP	03	52.40	-0.9	ITR	127.58	119	ePKP	09	55.50	-1.1
PHC	81.97	28	eP	03	10.00	-0.1		1.2s	88.97nm			6.0mb					e	10	06.50	
MCO	82.36	297	eP	03	15.10	2.3X				pP	04	03.00	33kmX	EVA	128.11	207	iPKPd	09	58.10	0.6
RMU	82.57	46	eP	03	14.10	0.3	TLL	90.70	123	ePd	03	53.00	-0.8		0.9s	47.06nm				
MDJ	82.70	323	eP	03	15.00	1.0	LOE	90.74	288	eP	03	55.00	1.3	BFS	128.68	204	iPKPd	09	59.00	0.5
III	82.73	67	iPc	03	15.50	0.5	NNT	90.82	283	eP	03	56.60	2.4X		1.0s	74.00nm				
MAW	82.73	199	eP	03	16.00	2.1	XAN	91.09	306	Pc	03	56.40	1.3	BPI	128.83	206	iPKPd	09	58.00	-0.9
NJ2	82.76	308	iPc	03	15.00	0.4				pP	04	12.50	56km		1.0s	60.00nm				
			pP	03	31.50	59km	OCO	91.43	53	ePd	03	57.50	0.9	KEV	129.15	351	ePKP	09	58.00	0.1
OXM	82.92	66	eP	03	16.00	-0.1	NST	91.55	286	eP	04	00.60	3.1X	MHI	130.92	301	ePKP	10	03.00	0.6
GZH	82.95	298	Pc	03	17.20	1.4	NSLM	91.94	57	P	04	00.60	1.6				e	12	17.00	
			pP	03	32.00	51km	HHC	92.03	313	Pc	04	02.00	2.6				e	13	40.00	
			eS	13	25.00		PRST	92.18	57	P	04	01.90	1.8				eS	24	24.00	
DUG	83.07	43	P	03	16.20	-0.1	BSI	92.45	275	ePc	04	04.00	2.3	SOD	131.37	349	iPKP	10	00.70	-1.4
	1.2s	74.22nm				5.6mb		1.0s	186.40nm			6.5mb		BUL	133.85	210	iPKPd	10	09.00	0.5
TPM	83.33	67	iPc	03	18.00	0.0	KHT	92.63	285	eP	04	04.80	2.3				iPP	12	40.00	
IIC	83.48	66	eP	03	18.50	-0.5	KMI	92.64	296	Pc	04	04.50	1.8				iPKS	13	41.00	
KGM	83.76	274	ePd	03	21.40	1.3		3.0s	1.10nm			3.8mb	X	KJF	133.99	347	ePKP	09	56.00	-11.2X
	0.8s	91.70nm				5.9mb				pP	04	21.00	57km		1.1s	52.80nm				
LTX	84.03	56	iP	03	21.70	0.4				sP	04	35.00					i	10	07.00	
QIZ	84.23	293	iPc	03	23.50	1.2				eSKS	14	24.50					ePKS	13	36.00	
			PP	06	43.00					S	14	42.00		TET	134.52	219	iPKPd	10	12.00	2.4X
PMR	84.27	12	P	03	21.90	0.3				SS	15	10.00		SUF	135.63	347	iPKP	09	58.30	-12.1X
	1.0s	177.50nm				6.1mb	TUL	92.84	53	iPd+	04	02.90	-0.2	KRI	136.17	214	iPKPd	10	12.00	-0.9
	Z 20s	3.70um				5.8Msz		1.2s	104.40nm			6.1mb		NUR	137.93	346	ePKP	10	04.00	-10.8X
DLZ	84.31	315	iPc	03	22.00	-0.3	Z	19s	2.40um			5.7Msz			Z 22s	4.10um			6.1Msz	
			S	13	41.00		N	18s	0.77um								e	10	15.00	
PME	84.32	12	eP	03	21.63	-0.3	E	19s	2.76um								ePKS	13	48.00	
TTA	84.41	8	eP	03	23.00	0.6				e	04	13.20	32kmX	NB2	139.37	356	PKP	10	06.60	-10.9X
CN2	84.61	321	iPc	03	24.70	1.0				e	04	24.80			1.2s	40.00nm				
			ePP	06	40.00					eS	14	22.00		UPP	139.84	351	iPKP	10	08.30	-9.9X
ALQ	84.61	50	iPc	03	24.20	0.0	BTO	92.99	312	iPc	04	05.00	1.2	HFS	140.06	354	ePKP	10	09.00	-9.7X
	1.0s	95.00nm				5.8mb	BDT	93.11	287	eP	04	04.00	-0.6		0.7s	16.20nm				
	Z 18s	2.75um				5.7Msz		0.6s	71.40nm			6.3mb		KONO	140.85	357	ePKP	10	14.00	-6.1X
SNY	84.63	318	iP	03	25.00	1.1	INK	93.39	14	iPc	04	04.00	-0.9	TAB	141.02	306	ePKP	10	15.00	-6.3X
VHO	84.66	69	iPc	03	25.50	0.7		0.8s	34.00nm			5.8mb		KER	141.20	300	ePKP	10	20.00	-1.7
PNT	84.69	32	iPc	03	24.20	0.1	RLO	93.51	53	iPd	04	06.00	-0.2	NAI	142.77	238	iPKP	10	23.00	-2.1
	1.1s	216.00nm				6.1mb	CHG	93.71	289	iPc	04	09.60	2.2		1.2s	85.94nm				
NEW	85.32	34	eP	03	27.00	-0.2		0.9s	42.02nm			5.9mb		BHD	143.62	298	ePKPd	10	23.50	-2.2
	Z 18s	12.00um				6.3Msz				eS	15	12.00					e	14	03.50	
WHN	85.44	305	Pc	03	30.60	2.4	CHTO	93.71	289	eP	04	09.30	1.9	MSL	143.91	304	ePKP	10	29.00	2.9X
TIA	86.03	311	Pc	03	31.80	0.8		0.8s	22.51nm			5.6mb		MUD	144.06	357	iPKPd	10	24.00	-1.7
			eSKS	13	45.00		CD2	93.91	301	eP	04	10.30	2.1		1.0s	180.00nm				
LDM	86.39	35	iPd	03	32.10	-0.5				ePP	07	56.00		COP	144.57	354	ePKPd	10	25.00	-1.6
LRM	86.46	38	eP	03	32.70	-0.5	TCA	95.00	126	ePd	04	14.60	1.2		Z 22s	1.67um			5.8Msz	
BDW	86.52	42	iP	03	33.00	-0.6	RSNT	95.05	24	eP	04	13.30	0.7	EKA	144.60	9	PKPd	10	25.50	-1.2
	1.0s	38.80nm				5.6mb		0.9s	25.21nm			5.7mb			1.2s	249.00nm				
RXF	86.73	35	iPc	03	34.00	-0.3	ARE	95.63	110	iPd	04	17.00	0.3	DMU	145.29	13	iPKPc	10	27.40	-0.5
IPM	86.80	276	ePc	03	36.40	1.1	LZH	95.72	306	Pc	04	18.00	1.4		1.0s	425.00nm				
	0.9s	139.70nm				6.2mb	TPZ	96.01	115	Pd	04	32.00	13.5X	DCN	145.73	14	iPKPc	10	28.80	0.1
			e	03	48.40	39kmX	FFC	96.74	34	ePc	04	19.90	-0.6		1.5s	1160.00nm				
JCT	87.54	56	eP	03	37.10	-1.4		1.9s	84.00nm			5.9mb		DDK	145.89	13	iPKPc	10	29.30	0.4
	Z 18s	4.81um				6.0Msz	YJA	98.40	117	ePd	04	31.20	1.8		1.5s	1015.00nm				
COL	87.55	11	iPc	03	37.30	-0.4	CNCB	98.56	111	P	04	32.00	1.7	DLE	145.94	13	iPKPc	10	29.50	0.5
	1 0s	341.50nm				6.5mb	LPB	98.58	111	P	04	32.00	1.8		1.5s	870.00nm				
	Z 23s	6.82um				6.0MszX				SKS	15	08.00		VAL	146.23	18	iPKP	10	30.00	0.5
			eS	14	14.00					LR	36	58.00		AAE	146.30	255	ePKP	10	33.00	1.8

ETA	146.57	13	iPKPc	10	31.70	1.6
	1.3s	275.00nm				
ECB	146.75	14	iPKPc	10	32.10	1.8
	1.0s	255.00nm				
HAM	146.99	356	iPKP	10	34.40	3.7X
ECP	147.01	14	iPKPc	10	32.70	1.9X
	1.1s	330.00nm				
BRN	147.69	352	ePKP	10	33.00	1.2
WIT	147.79	359	ePKP	10	32.00	0.0
			e	10	35.50	
			e	10	52.00	
DBN	148.50	1	ePKP	10	40.00	6.9X
	Z 19s	2.30um			6.0Msz	
			e	12	23.00	
			ePP	14	06.00	
			ePPP	17	22.00	
			e	22	04.00	
KRA	148.52	343	iPKPd	10	33.90	0.6
	1.0s	217.00nm				
	Z 20s	4.80um			6.3Msz	
	N 20s	3.30um				
	E 20s	3.20um				
			i	10	37.90	
			i	10	41.50	
WTS	148.60	359	ePKPd	10	34.00	0.7
	1.0s	226.00nm				
			e	10	38.00	
			e	13	54.00	
KSP	148.67	347	ePKP	10	34.00	0.5
	1.0s	346.00nm				
			ic	10	38.30	
CLI	148.73	331	ePKP	10	30.00	-3.8X
CLL	148.80	351	iPKP	10	33.60	-0.1
			i	10	38.00	
			pPKP	10	52.30	
SPC	149.20	341	iPKP	10	36.30	1.6
			i	10	41.40	
VRI	149.50	331	iPKPd	10	40.00	5.0X
BRD	149.61	330	ePKP	10	40.00	4.9X
MOX	149.63	353	ePKP	10	35.00	0.0
	1.5s	421.00nm				
	Z 22s	2.00um			5.9Msz	
	N 22s	0.80um				
	E 20s	1.10um				
			i	10	40.50	
			i	10	45.50	
			ipPKP	10	55.50	
			ePP	14	20.00	
BNS	149.63	358	ePKP	10	35.10	0.2
	1.6s	610.00nm				
			i	10	40.20	
			i	10	45.20	
JOS	149.73	341	ePKPc	10	35.10	-0.1
	1.4s	51.30nm				
CVO	149.79	331	ePKP	10	36.00	0.6
UCC	149.79	2	PKPc	10	35.40	0.2
			e	10	40.60	
ENN	149.84	360	ePKPd	10	36.00	0.7
	1.8s	938.00nm				
			e	10	40.00	
			e	10	46.50	
			e	13	50.00	
			ePP	14	14.00	
MEM	150.00	360	PKPc	10	35.40	-0.1
			e	10	41.00	
ISR	150.13	330	ePKPc	10	42.00	6.0X
MLR	150.14	331	ePKPd	10	36.00	-0.1
TNS	150.32	357	ePKPc	10	41.30	5.2X
DOU	150.50	2	PKP	10	37.80	1.5
			i	10	43.00	
GRF	150.61	353	iPKPc	10	36.70	0.2
	Z 20s	2.00um			5.9Msz	
			ic	10	42.70	
CMP	150.72	332	ePKPd	10	44.00	7.2X
KHC	150.83	350	iPKP	10	37.00	0.1
	1.0s	30.00nm				
	Z 20s	1.50um			5.8Msz	
	N 20s	1.30um				
	E 20s	1.20um				
			i	10	43.40	
			e	10	50.00	
			e	10	58.80	
BUC	150.89	329	ePKP	10	39.00	2.0X
WET	150.92	351	iPKPc	10	37.30	0.3
	Z 21s	3.00um			6.1Msz	
WLF	150.95	360	PKPc	10	37.70	0.8
			e	10	43.50	

ZST	150.97	344	ePKP	10	37.50	0.4
			i	10	44.00	
COZ	150.99	333	ePKP	10	44.00	6.6X
SRO	151.00	343	e(PKP)	10	37.50	0.4
			i	10	44.50	
			e(PS)	24	00.00	
BUD	151.10	341	e(PKP)	10	37.00	-0.3
VKA	151.10	346	iPKPc	10	37.20	-0.1
	4.0s	1701.00nm				
			i	10	42.70	
			i	10	59.10	
CRI	151.37	301	ePKP	10	45.50	7.3X
FLN	151.39	9	ePKP	10	37.90	0.2
JER	151.51	299	ePKP	10	45.50	7.0X
SOP	151.58	345	ePKPc	10	37.40	-0.6
	1.8s	149.80nm				
LDF	151.60	8	ePKP	10	38.40	0.4
ISK	151.62	321	ePKP	10	44.70	6.4X
GRR	151.69	10	ePKP	10	38.60	0.5
STU	151.72	355	e(PKP)	10	38.60	0.4
	1.2s	78.13nm				
KMR	151.76	348	iPKP+	10	39.00	0.7
			i	10	46.00	
BUH	151.87	357	ePKP	10	38.30	-0.2
CSS	151.91	307	ePKP	10	46.00	7.1X
CTT	151.94	322	iPKP	10	45.70	6.9X
LPF	152.01	10	ePKP	10	38.90	0.3
PRNI	152.04	296	ePKP	10	47.50	8.2X
JMB	152.06	326	ePKP	10	39.00	0.1
CDF	152.18	358	ePKP	10	39.20	0.2
HAU	152.60	359	ePKP	10	39.90	0.4
BCK	152.73	313	ePKP	10	40.40	0.3
BNT	152.74	321	iPKP	10	47.20	7.3X
SLE	152.77	356	ePKP	10	40.10	0.3
BSF	152.77	359	ePKP	10	40.30	0.4
EDC	152.78	321	ePKP	10	45.40	5.4X
KBA	152.85	349	ePKPc	10	38.50	-1.6
	0.7s	56.50nm				
			id	10	47.20	
			i	10	58.90	
			i	11	26.30	
			i	11	53.10	
			e	14	25.00	
DIM	152.88	327	iPKP	10	40.00	0.0
BEO	152.96	337	iPKP	10	39.70	-0.3
			i	10	47.90	
			i	10	57.80	
KGT	153.04	322	ePKP	10	39.00	-1.3
TTK	153.04	320	ePKP	10	37.70	-2.7X
ZUL	153.06	356	ePKP	10	40.70	0.5
KDZ	153.29	326	iPKP	10	41.00	0.4
LOR	153.29	3	ePKP	10	41.20	0.7
OGA	153.41	352	ePKP	10	41.30	0.4
MFF	153.54	9	ePKP	10	41.20	0.4
ELL	153.57	313	ePKP	10	42.20	0.8
LBF	153.58	3	ePKP	10	41.60	0.7
LJU	153.60	346	ePKPc	10	40.90	0.0
			i	10	49.80	
			e	12	26.00	
LLS	153.62	355	ePKP	10	41.80	0.6
VTS	153.63	330	iPKPd	10	42.00	1.0
AVF	153.74	4	ePKP	10	41.80	0.7
VOY	153.75	347	iPKP	10	50.00	8.7X
			i	10	59.80	
			i	11	20.20	
CEY	153.91	346	ePKP	10	41.40	0.0
			i	10	49.80	
			i	11	00.90	
SMF	153.91	3	ePKP	10	41.90	0.5
BGF	153.94	5	ePKP	10	42.10	0.7
EZN	154.02	322	ePKP	10	41.10	-0.6
LSF	154.11	7	ePKP	10	42.20	0.6
CTI	154.13	351	iPKPd	10	42.50	0.7
TCF	154.15	6	ePKP	10	42.20	0.5
	1.2s	22.60nm				
MMB	154.15	328	iPKPd	10	42.00	0.1
MZF	154.25	5	ePKP	10	42.70	0.9
DIX	154.50	358	ePKP	10	43.60	1.1
MMK	154.51	357	ePKP	10	43.80	1.3
SAL	154.72	352	ePKP	10	43.50	1.1
VAY	154.92	329	iPKP	10	42.70	-0.1
			i	11	07.00	
SKO	154.93	332	iPKPc	10	42.50	-0.3
	1.7s	110.00nm				
	Z 21s	3.93um			6.2Msz	
	E 21s	3.00um				
			i	11	06.40	

			i	14	44.00	
			LR	06	19.00	
ORO	154.93	357	e(PKP)	10	43.80	0.9
RJF	155.04	7	ePKP	10	43.80	0.9
LFF	155.30	9	ePKP	10	44.40	1.2
TTG	155.45	336	ePKP	10	44.00	0.5
CAF	155.48	7	ePKP	10	44.70	1.2
LPO	155.61	8	ePKP	10	44.90	1.2
OHR	155.90	332	ePKP	10	44.00	-0.3
LGR	157.04	16	iPKP	10	48.00	2.3X
			iPKKP	11	19.00	
			ePP	14	54.00	
FRF	157.04	359	ePKP	10	46.50	0.5
EPF	157.10	11	ePKP	10	46.80	0.6
MTE	157.12	27	ePKPd	10	47.50	1.6
			i	11	17.50	
LRG	157.15	359	ePKP	10	46.90	1.2
LMR	157.27	359	ePKP	10	46.60	0.7
AQU	157.36	345	e(PKP)	10	54.50	8.4X
MNS	157.49	347	iPKPd	10	46.10	0.0
BRT	157.56	337	ePKP	10	47.30	1.0
DUI	157.74	343	ePKP	10	47.80	1.3
CVF	157.90	354	ePKP	10	47.30	0.6
RMP	158.03	346	iPKP	10	44.00	-2.9X
SGO	158.50	340	e(PKP)	10	52.20	4.8X
TOL	158.93	22	ePKP	10	50.00	2.1X
			iPKKP	11	25.00	
			ePP	15	14.00	
			ePPS	25	37.00	
			eSS	35	15.00	
			eSSS	41	10.00	
BNG	159.81	219	iPKPc	10	49.70	0.0
	0.7s	104.00nm				
			ic	11	28.80	
			id	11	29.90	
			id	15	10.10	
BCAO	159.81	219	ePKP	10	49.30	-0.4
	1.7s	137.20nm				
			pP	11	28.80	
ALI	161.41	16	iPKP-	10	50.50	0.0
CRT	161.47	24	iPKPd	10	52.30	1.6
MAL	161.53	27	iPKPc	10	51.40	0.7
ALM	162.19	22	ePKPc	10	51.60	0.3
			e	15	19.80	
KIC	162.52	142	ePKP	10	52.30	0.0
			e	11	41.00	
			PP	15	20.00	
AVE	162.64	40	iPKP	10	53.50	1.6
			i	11	12.00	
TAM	177.74	9	ePKP	11	03.50	2.9
	S.D. = 1.0	on 312 of 369 obs				

FEB 03, 1985 06h 12m 15.49± 0.49s
6.747 N ± 5.9km 72.903 W ± 7.8km
DEPTH = 171.9 ± 6.6 km
4.8mb (3 obs.)
NORTHERN COLOMBIA (99)

BMG	0.37	332	iP	12	36.00	-4.4X
BOG	2.41	209	iP	12	57.00	-0.4
			iS	13	27.50	
SDV	3.09	46	iPnc	13	06.50	0.9
	0.2s	131.50nm				
CHN	3.23	237	eP	13	07.00	-0.3
LGN	3.74	25	ePn	13	12.20	-1.4
TOV	4.31	45	iPnc	13	21.20	0.1
	0.5s	53.80nm				
CAR	6.99	57	iPnd	13	56.00	-0.5
	0.3s	36.36nm			5.2mb	
PSO	7.06	219	eP	13	57.50	-0.3
PCJ	11.69	340	iP	14	59.10	0.8
			eS	16	56.15	
GWJ	11.86	342	eP	15	03.25	2.7X
			eS	17	00.84	
STH	11.89	342	iP	15	02.73	1.9
			eS	17	01.40	
LPB	23.61	168	P	17	13.00	0.4
CNCB	23.91	168	iP	17	16.90	1.3
RLO	35.60	328	eP	18	51.90	-0.4X
TUL	35.81	327	e(P)	18	59.20	-0.9
	0.5s	13.50nm			4.9mb	
SCH	48.18	5	eP	20	40.00	-0.1
YKA	63.41	340	eP	22	27.70	-0.8
KIC	67.66	86	eP	22	56.40	-0.2
INK	73.16	340	eP	23	28.00	-0.6
MBC	73.91	350	eP	23	32.90	0.0
	0.5s	3.00nm			4.3mb	

03d 06h

WB2 150.48 241 ePKP 31 48.80 5.5X
WRA 150.49 241 PKPc 31 48.70 5.4X
0.3s 0.50nm
S.D. = 0.9 on 17 of 22 obs.

• FEB 03, 1985 07h 41m 00.36± 0.52s
41.999 N ± 8.7km 84.395 E ±10.8km
DEPTH = 33.0km (normal)
4.5mb (6 obs.)
SOUTHERN XINJIANG, CHINA (321)

GTA 11.99 97 P 43 49.30 -2.7
KKN 14.19 177 eP 44 22.00 0.7
0.6s 22.00nm 5.0mb
MDI 14.51 266 eP 44 23.00 -2.2
eS 46 56.00
SHL 17.52 157 eP 45 04.70 0.8
XAN 20.84 104 Pc 45 41.60 -0.1
GYA 23.97 123 eP 46 14.20 1.5
KJF 38.87 324 eP 48 24.00 0.2
SUF 39.43 322 iP 48 29.40 0.9
0.3s 1.40nm 4.2mb
NUR 40.08 318 iP 48 34.40 0.5
HFS 45.54 319 eP 49 18.80 0.5
0.4s 2.40nm 4.5mb
NB2 46.58 320 P 49 24.20 -2.4
0.5s 2.70nm 4.5mb
MBC 61.06 6 eP 51 13.00 0.4
INK 66.43 14 eP 51 47.00 -0.9
YKA 74.74 9 eP 52 39.00 0.8
WRA 76.98 132 Pd 52 52.40 0.9
1.1s 5.70nm 4.5mb
WB2 76.99 132 eP 52 52.20 0.7
FFC 83.50 4 iPd 53 26.00 0.3
0.7s 5.00nm 4.8mb
S.D. = 1.3 on 17 of 17 obs.

& FEB 03, 1985 08h 49m 19.40s
40.195 N 124.492 W
DEPTH = 5.0km (geophysicist)
NEAR COAST OF NORTHERN CALIF. (35)
<BRK>. ML 3.4 (BRK).
Mo=9.1•10••20 (BRK).

FHC 0.72 32 iPc 49 33.00 -0.8
iS 49 41.00
RMT 1.43 101 eP 49 45.10 -0.9
WDC 1.54 75 iPd 49 46.20 -1.4
NWRM 2.14 144 eP 49 55.00 -1.2
LMPM 2.19 53 eP 49 54.60 -2.6
MIN 2.21 85 ePd 49 55.90 -1.6
eS 50 22.80
ORV 2.39 105 ePd 49 58.60 -1.3
iS 50 27.50
BRK 2.90 142 eP 50 05.10 -1.9
BKS 2.91 142 e(P) 50 06.70 -0.5
PCC 3.16 148 eP 50 08.80 -1.9
MHC 3.62 141 ePd 50 16.00 -1.4
ARN 3.66 140 eP 50 16.80 -1.2
GCC 3.72 147 ePc 50 16.60 -2.1
JAS1 3.90 124 e(P)d 50 21.60 0.3
SLD 4.03 140 eP 50 21.50 -1.7
SAO 4.18 144 eP 50 22.50 -2.7
16 obs. associated

• FEB 03, 1985 09h 20m 22.46± 0.70s
36.168 N ± 8.4km 139.785 E ± 6.2km
DEPTH = 33.0km (normal)
HONSHU, JAPAN (22,,
Felt (II JMA) at Utsunomiya

TSK 6.27 81 iPc 20 30.20 0.4
MMG 6.32 266 P 20 32.10 1.6
iS 20 40.20
UTS 0.38 11 eP 20 35.00 3.7X
iS 20 39.60
TOK 0.48 183 iP 20 33.50 0.7
S 20 42.30
DDR 0.51 251 iPd 20 32.90 -0.4
MIT 0.59 69 iP 20 34.20 -0.2
iS 20 43.20
SRY 0.70 217 eP 20 35.50 -0.3
OYM 0.87 211 eP 20 38.40 0.1
KYS 1.01 163 iPd 20 39.50 -0.9
MAT 1.33 287 iPd 20 43.80 -1.0
eS 21 02.00
S.D. = 0.9 on 9 of 10 obs.

• FEB 03, 1985 09h 35m 48.66± 1.09s
78.174 N ±18.8km 6.336 E ±15.6km
DEPTH = 10.0km (geophysicist)
4.0mb (2 obs.)
SVALBARD REGION (643)

DAG 5.61 268 iPd 37 14.00 0.0
0.5s 9.15nm 4.7mb X
i 38 15.00
KEV 10.11 136 iP 38 17.00 0.3
SOD 12.28 141 iP 38 45.20 -0.9
KJF 15.45 143 iP 39 27.00 -0.8
0.6s 10.40nm 4.3mb
SUF 16.70 147 iP 39 45.80 2.0
0.6s 3.10nm 3.6mb
NUR 18.70 151 iP 40 08.00 -0.6
MBC 22.89 330 eP 40 57.00 4.2X
INK 31.83 333 eP 42 15.00 0.0
S.D. = 1.2 on 7 of 8 obs.

? FEB 03, 1985 10h 14m 03.87± 0.66s
57.860 S ±13.2km 25.272 W ±21.3km
DEPTH = 60.0km (geophysicist)
4.3mb (2 obs.)
SOUTH SANDWICH ISLANDS REGION (153)

SPA 32.31 180 e(P) 20 28.70 -0.2
VAO 38.18 327 eP 21 19.40 0.3
ITR 50.03 343 eP 22 53.40 -0.7
KIC 66.14 22 eP 24 46.80 0.1
e 25 03.10
BCAO 71.35 47 eP 25 19.00 -0.1
0.6s 1.26nm 4.0mb
BNG 71.36 47 iPd 25 19.20 0.1
0.6s 4.00nm 4.5mb
YKA 138.21 316 ePKP 33 21.50 -0.8
MBC 146.07 335 ePKP 33 31.20 -4.5X
0.7s 7.00nm
INK 147.85 318 ePKP 33 40.00 1.3
COL 152.50 309 ePKP 33 51.00 5.2X
S.D. = 0.8 on 8 of 10 obs.

FEB 03, 1985 11h 03m 23.58± 0.32s
7.025 S ± 3.8km 125.114 E ± 5.8km
DEPTH = 553.5 ± 5.1 km
5.3mb (21 obs.)
BANDA SEA (280)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 15C
Centroid Location:
Origin Time 11:03:25.9 0.6
Lat 7.03S 0.05 Lon 124.98E 0.06
Dep 536.6 4.4 Half-duration 1.8
Moment Tensor; Scale 10••24 D-CM
Mrr=-0.20 0.07 Mtt= 0.13 0.10
Mff= 0.07 0.11 Mrt=-1.38 0.09
Mrf=-0.24 0.11 Mtf= 0.23 0.08
Principal Axes:
T Val= 1.44 Plg=40 Azm=162
N -0.01 8 259
P -1.43 49 358
Best Double Couple:Mo=1.4•10••24
NP1:Strike=197 Dip= 9 Slip=-152
NP2: 80 86 -82

MKS 5.89 287 iPc 05 04.00 1.9
MTN 8.28 135 iPc 05 24.40 -0.6
MNI 8.42 358 ePd 05 21.00 -5.4X
eS 07 09.40
KNA 9.38 158 iPd 05 35.50 -0.6
DAV 14.03 2 eP 06 24.00 1.0
eS 08 50.00
MBL 14.95 199 eP 06 33.00 0.9
CGP 15.38 358 iPc 06 38.50 2.1
eS 06 57.50
WRA 15 65 146 Pc 06 38.90 -0.2
0.8s 204.00nm 5.7mb
WB2 15.66 146 iPc 06 39.00 -0.1
eS 09 22.10
KKM 15.73 325 ePd 06 40.80 0.9
TZZ 16.11 85 eP 06 43.50 -0.1
PPR 17.86 339 ePd 07 03.00 2.5
1.0s 96.60nm 5 4mb
NAU 18.00 210 iPc 07 02.80 1.0
0.4s 31.00nm 5.3mb
ASPA 18.58 154 iPc 07 07.60 0.3

WBN 19.06 176 iPc 07 12.60 0.7
MEK 20.46 197 iPd 07 24.00 -0.9
PGP 20.81 349 eP 07 30.00 1.9
eS 07 56.00
MAN 21.91 349 iP 07 40.20 2.1
0.8s 166.80nm 5.7mb
MRWA 23.69 200 iPc 07 53.20 -0.9
0.4s 12.00nm 4.9mb
BAG 23.71 349 eP 07 52.40 -2.2
KLG 23.88 188 eP 07 55.00 -0.9
CTA 24.27 124 iPc 07 58.80 -0.6
0.9s 70.17nm 5.3mb
iS 11 38.00
iScP 14 06.90
BAL 24.75 198 iPc 08 03.00 -0.6
KLB 25.39 195 iPc 08 08.40 -0.8
MUN 26.18 197 iPc 08 15.40 -0.8
NWAO 26.79 195 iPc 08 21.20 -0.3
PSI 27.87 289 eP 08 37.00 6.0X
RKG 27.94 194 iPd 08 36.40 4.9X
STK 29.12 150 iPc 08 42.00 0.3
0.5s 240.00nm 6.1mb
QIZ 29.95 330 Pc 08 48.60 -0.4
ADE 30.49 158 iPc 08 54.00 0.5
0.7s 191.78nm 5.8mb
CMS 31.09 144 eP 08 59.00 0.4
NNT 31.88 308 eP 09 05.20 -0.1
GZH 32.06 339 Pd 09 07.20 0.4
QZH 32.40 349 Pc 09 09.00 -0.6
BRS 33.14 131 P 09 16.00 0.1
i 09 18.50
i 09 31.50
e 10 44.00
LOE 33.51 317 eP 09 17.50 -1.6
BFD 33.95 155 eP 09 23.00 0.5
1.0s 178.00nm 5.7mb
KHT 34.08 310 eP 09 24.80 1.0
e 14 40.20
COO 34.34 136 eP 09 28.00 2.1
0.5s 52.00nm 5.4mb
YOU 34.59 145 iPc 09 28.80 0.8
BDT 35.32 313 eP 09 32.50 -1.6
0.8s 83.00nm 5.4mb
e 14 42.00
TOO 35.60 152 iPc 09 37.40 1.1
0.6s 51.00nm 5.3mb
CAN 35.70 145 iPc 09 38.10 1.0
i 10 20.30
i 11 11.50
eScP 14 44.30
WAM 36.27 147 iPc 09 43.30 1.6
ePcP 11 16.60
iScP 14 46.70
CHG 36.40 315 iPd 09 44.00 1.0
0.7s 22.26nm 4.9mb
CHTO 36.40 315 iP 09 44.10 1.1
0.7s 20.33nm 4.9mb
GYA 37.79 332 P 09 54.80 0.4
KMI 38.67 326 Pd- 10 03.00 1.2
sP 10 22.00
S 15 21.00
WHN 38.75 345 iPd 10 05.00 2.9
NJ2 39.31 352 Pd 10 07.00 0.4
NOU 42.61 115 iPc 10 32.00 -1.0
CD2 42.91 333 Pd 10 35.50 0.2
S 16 18.00
PVC 43.41 108 iPc 10 40.00 0.5
XAN 43.63 340 iPd 10 40.00 -1.0
PcP 12 16.50
TIA 43.66 351 Pd 10 40.80 -0.3
sP 13 17.20
ScP 15 17.20
sS 19 25.00
OYM 44.27 17 eP 10 44.20 -1.7
DDR 44.79 16 eP 10 48.70 -1.3
MAT 45.04 15 iPd 10 50.80 -1.0
0.9s 50.42nm 5.0mb
(S) 17 00.00
TSK 45.25 17 eP 10 52.10 -1.3
SHL 45.75 316 iP 10 57.50 -0.1
LZH 47.31 336 iPd 11 09.50 0.1
1.6s 274.00nm 5.5mb
BJI 47.55 351 eP 11 10.00 -0.8
SNY 48.63 358 P 11 17.80 -1.2
LSA 48.98 320 P 11 23.00 0.6
S 17 44.50
BTO 49.38 345 eP 11 24.00 -0.8

KOD	50.45	289	eP	11 33.00	-0.2
PKI	51.54	314	iPd	11 40.60	-0.5
MDJ	51.56	4	Pd	11 40.30	-0.2
GBA	51.58	293	Pd	11 39.90	-1.2
	0.6s	13.30nm		4.5mb	
KKN	51.76	314	iPd	11 42.40	-0.1
GTA	51.80	335	iPd	11 42.40	-0.1
			PcP	12 46.40	
			ScP	15 50.90	
			S	18 21.40	
			ScS	20 33.80	
HYB	52.02	298	ePd	11 43.20	-1.1
	0.6s	26.70nm		4.8mb	
KRP	54.94	132	P	12 05.00	0.4
			e	12 59.00	
TCW	55.29	136	P	12 06.00	-1.1
MNG	55.89	135	P	12 09.80	-1.5
POO	56.57	298	iPc	12 15.00	-1.3
GNZ	57.02	132	P	12 19.00	0.0
			(pP)	12 30.70	40kmX
NDI	58.22	310	iPd	12 25.20	-2.1
	0.7s	102.74nm		5.3mb	
			iS	19 42.00	
WMQ	60.87	330	P	12 44.50	-0.2
			S	20 20.50	
MHI	74.97	310	iPd	14 11.10	1.0
	0.7s	46.58nm		5.0mb	
SPA	83.02	180	iPc	14 52.70	0.9
	0.6s	15.45nm		4.7mb	
			e	16 52.00	
COL	95.07	25	eP	15 47.80	-0.3
KJF	99.51	334	eP	16 07.00	-1.0
SOD	99.71	337	iP	16 07.20	-1.7
SUF	100.32	332	ePdiff	16 09.00	-2.7X
INK	100.70	22	ePdiff	16 12.00	-1.2
YKA	109.88	25	ePKP	20 53.20	0.2
ALQ	125.18	52	ePKP	21 24.00	0.4
	1.0s	4.00nm			
KIC	130.21	272	ePKP	21 33.90	0.5
JCT	131.92	55	ePKP	21 36.70	0.4
	0.8s	11.19nm			
TPZ	148.60	155	PKP	22 16.00	9.6X
VAO	149.17	194	ePKP	22 13.20	6.3X
YJA	149.18	161	ePKPc	22 10.00	2.6X
LPB	153.19	151	PKPc	22 23.50	10.2X

S.D. = 1.1 on 87 of 95 obs.

FEB 03, 1985 13h 06m 52.22± 0.52s
6.881 N ± 3.6km 76.429 W ± 3.4km
DEPTH = 38.7 ± 4.7 km
4.9mb (42 obs.)
NORTHERN COLOMBIA (99)
Felt at Bogota and Medellin.

CHN	2.07	157	iP	07 24.00	-1.3
BOG	3.25	134	iP	07 44.00	1.7
			iS	08 26.50	
BMG	3.33	87	iP	07 44.00	0.7
UPA	3.72	304	iPd	07 46.00	-2.6
	0.8s	126.87nm			
			iS	08 31.00	
UAV	5.51	71	ePn	08 14.80	0.6
PSO	5.72	189	eP	08 18.00	0.6
LGN	6.05	57	e(Pn)	08 35.00	13.4X
SDV	6.08	70	eP	08 22.10	-0.1
TOV	7.17	66	iPnd	08 37.30	-0.2
	0.3s	23.80nm		5.6mb	
CAR	10.06	68	eP	09 14.00	-3.5X
	0.3s	51.95nm		6.2mb X	
PCJ	10.82	356	eP	09 28.01	0.3
			eS	11 24.82	
GWJ	11.13	358	eP	09 32.41	0.3
STH	11.14	358	eP	09 31.94	-0.2
			eS	11 33.20	
SJG	15.00	41	eP	10 15.00	-8.3X
VHO	22.34	299	eP	11 50.00	1.4
CNCB	24.98	161	P	12 13.30	-1.3
TPM	25.08	301	iPd	12 17.50	2.3
ATB	26.19	112	Pd	12 26.00	0.8
TPZ	29.17	165	P	12 57.60	4.9X
YJA	30.79	160	ePc	13 03.20	-4.0X
JCT	32.13	320	eP	13 16.00	-2.4
	1.0s	4.50nm		4.3mb	
FVM	33.47	340	eP	13 29.80	-0.1
	1.0s	40.00nm		5.3mb	
RLO	33.76	332	iP	13 31.30	-1.1
TUL	33.91	331	iP	13 33.00	-0.7
	0.7s	24.20nm		5.2mb	
			e	13 35.90	
LTX	34.02	314	eP	13 35.20	0.3
OCO	34.44	329	e(P)	13 38.20	-0.1
TLL	37.23	172	eP	14 02.00	-0.3
MNT	38.55	3	iPd	14 14.20	1.3
ALQ	39.28	320	eP	14 19.50	0.1
	1.0s	16.25nm		4.8mb	
PEL	40.17	173	iPc	14 26.80	0.2
TACH	40.65	173	iPd	14 30.50	0.1
LNV	40.89	174	iP	14 32.50	0.2
ITR	40.95	112	eP	14 30.80	-2.3
VAO	41.38	137	eP	14 33.20	-3.4X
GLD	41.70	326	eP	14 40.10	0.9
	1.4s	35.14nm		4.9mb	
GOL	41.75	326	eP	14 40.00	0.3
	1.0s	12.50nm		4.6mb	
GLA	44.10	311	eP	15 00.00	1.3
RSSD	44.25	331	eP	15 00.60	0.6
	1.2s	11.03nm		4.5mb	
TPC	45.49	312	eP	15 11.00	1.2
PLM	45.76	311	eP	15 13.00	0.9
RSON	46.14	345	eP	15 14.20	-0.4
	1.0s	9.00nm		4.7mb	
BDW	46.16	326	eP	15 14.90	-0.3
RVR	46.42	311	eP	15 18.00	0.9
GSC	46.59	313	eP	15 20.00	1.4
SBB	47.06	312	eP	15 23.00	0.7
CLC	47.40	313	eP	15 25.00	0.0
ISA	47.97	313	eP	15 30.00	0.6
CWC	48.04	314	eP	15 23.00	-7.0X
EUR	48.09	319	iP	15 31.20	0.7
	0.9s	6.63nm		4.7mb	
SCH	48.42	7	eP	15 33.00	0.5
MNA	49.03	316	eP	15 38.40	0.7
BMN	49.41	319	eP	15 40.70	0.2
	1.2s	12.50nm		4.8mb	
ORV	51.86	316	ePc	15 59.10	0.1
FFC	51.93	341	eP	15 58.00	-1.3
	1.0s	8.00nm		4.7mb	
NEW	53.73	327	eP	16 11.00	-1.8
EDM	55.08	334	ePc	16 20.70	-2.0
PNT	55.69	327	eP	16 27.00	0.0
	0.9s	12.00nm		4.9mb	
RSNT	62.09	341	eP	17 09.90	-1.4
	0.5s	7.64nm		5.1mb	
YKA	62.11	341	eP	17 10.20	-1.2
AVE	68.73	57	eP	17 55.00	0.5
KIC	71.15	86	eP	18 08.10	-1.5
MAL	71.51	54	iPc	18 12.00	0.7
			i	19 19.00	
INK	71.86	341	ePc	18 12.10	-0.8
TOL	72.10	50	eP	18 15.00	0.1
DCN	72.11	36	iPc	18 14.30	-0.3
	0.9s	80.00nm		5.7mb	
DMU	72.45	36	iPc	18 16.40	-0.2
	0.7s	40.00nm		5.5mb	
MBC	73.17	350	eP	18 19.70	-0.7
	1.0s	11.00nm		4.8mb	
LGR	73.53	48	eP	18 25.00	1.8
EKA	74.87	35	P	18 30.00	-0.6
	1.4s	36.00nm		5.2mb	
LPF	75.15	42	eP	18 32.10	-0.3
	0.9s	6.00nm		4.6mb	
GRR	75.31	42	eP	18 33.20	-0.1
	1.1s	20.60nm		5.0mb	
FLN	75.60	42	eP	18 35.00	0.1
	1.2s	17.80nm		4.9mb	
MFF	75.61	44	iPc	18 35.10	0.1
	1.0s	16.00nm		4.9mb	
EPF	75.67	47	eP	18 35.80	0.3
	1.1s	24.40nm		5.1mb	
LDF	75.82	42	eP	18 36.30	0.1
	1.3s	20.00nm		4.9mb	
ALE	75.83	2	eP	18 35.50	-0.2
	0.9s	15.00nm		5.0mb	
COL	75.94	335	eP	18 36.00	-0.6
LFF	76.09	46	eP	18 37.80	0.0
LPO	76.39	46	eP	18 39.60	0.1
	1.2s	19.40nm		5.0mb	
RJF	76.66	45	eP	18 41.30	0.3
LSF	76.74	44	eP	18 41.40	0.0
	1.1s	9.00nm		4.7mb	
CAF	77.03	46	eP	18 43.00	-0.1
	1.2s	22.00nm		5.1mb	
TCF	77.21	44	eP	18 43.80	-0.3
	1.2s	11.90nm		4.8mb	
MZF	77.46	44	iPc	18 45.40	-0.1
	1.4s	32.20nm		5.2mb	
BGF	77.66	44	iPc	18 46.30	-0.2
	1.0s	9.20nm		4.8mb	
AVF	78.02	44	eP	18 48.20	-0.3
SSF	78.14	43	eP	18 49.00	-0.1
SMF	78.35	44	eP	18 50.10	-0.2
	1.2s	20.80nm		5.0mb	
LOR	78.39	43	eP	18 50.30	-0.2
	1.0s	4.80nm		4.5mb	
LBF	78.46	44	eP	18 50.60	-0.4
DOU	79.00	40	P	18 53.80	0.1
ENN	79.87	40	eP	18 58.50	e
	0.9s	8.00nm		4.7mb	
			e	19 04.00	
MEM	79.92	40	P	19 04.50	5.8X
WLF	79.99	41	P	19 00.60	1.5
BSF	80.39	43	eP	19 01.20	-0.3
WTS	80.46	39	eP	19 02.00	0.5
	0.9s	19.00nm		5.1mb	
			e	19 07.50	
CDF	80.72	42	eP	19 03.10	0.0
NB2	82.89	29	P	19 12.60	-1.5
	1.2s	11.40nm		4.8mb	
SAL	83.00	45	e(P)	19 23.50	8.6X
CTI	83.77	44	e(P)	19 19.00	0.0
SLL	83.94	30	(P)	19 19.40	0.0
	0.5s	2.80nm		4.6mb	
CLL	84.33	39	eP	19 22.00	0.5
	1.2s	13.00nm		4.9mb	
WET	84.40	41	iPc	19 22.80	0.8
	1.3s	16.00nm		5.0mb	
PRU	85.41	40	eP	19 22.50	-4.5X
			e	19 33.50	
CEY	85.72	45	ePKP	19 29.40	0.7
			e	19 38.40	
LJU	85.77	44	ePKP	19 29.80	0.9
NUR	89.48	29	iP	19 46.40	0.0
SUF	89.66	27	iP	19 40.90	-6.3X
	0.4s	2.10nm		4.8mb	
KJF	89.95	25	eP	19 36.00	-12.6X
SKO	91.26	48	eP	19 55.50	0.4
BCAO	94.39	85	eP	20 09.40	-0.6
	1.0s	2.25nm		4.6mb	
BNG	94.40	85	ePc	20 09.00	-1.1
	0.9s	9.00nm		5.2mb	
			id	20 10.50	
XAN	138.99	353	ePKP	26 17.00	-0.1
CD2	142.42	360	ePKP	26 24.10	0.7
HYB	145.45	45	ePKPc	26 28.30	-0.5
	1.0s	35.00nm			
SHL	145.80	19	iPKP	26 29.30	-0.1
ASPA	146.44	237	ePKP	26 30.00	-0.3
GYA	146.72	355	PKP	26 32.00	1.2
GBA	147.02	52	PKPd	26 31.40	0.1
	0.9s	33.60nm			
WB2	147.44	243	ePKP	26 31.70	-0.3
WRA	147.45	243	PKPd	26 32.10	0.1
	1.4s	17.70nm			
KMI	148.18	1	ePKP	26 36.00	2.7X
KOD	148.94	57	ePKP	26 39.00	4.1X
NWAO	151.14	204	ePKP	26 48.00	10.7X
MUN	152.39	204	ePKP	26 46.00	6.8X

S.D. = 0.9 on 109 of 125 obs.

FEB 03, 1985 14h 46m 09.32± 0.23s
18.352 S ± 5.8km 64.597 E ± 3.9km
DEPTH = 10.0km (geophysicist)
5.0mb (27 obs.)
MASCARENE ISLANDS REGION (427)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 17C
Centroid Location:
Origin Time 14:46:18.9 1.2
Lat 18.07S 0.08 Lon 64.59E 0.13
Dep 10.0 FIX Half-duration 1.4
Moment Tensor; Scale 10**23 Dyne-cm
Mrr=-3.30 0.24 Mtt= 3.09 0.34
Mff= 0.20 0.33 Mrt= 0.00 0.00
Mrf= 0.00 0.00 Mtf=-0.83 0.28
Principal Axes:

	Val=	Plg=	Azm=
T	3.31	0	195
N	-0.02	0	105
P	-3.30	90	180

Best Double Couple:Mo=3.3*10**23
NP1:Strike=285 Dip=45 Slip=-90

03d 14h

NP2: 105 45 -90

MTD	31.49	268	eP	52 40.00	6.2X	
BLL	33.98	261	iPc	52 56.00	0.4	
	1.0s	15.00nm		4.9mb		
GBA	34.18	23	Pc	52 57.40	0.3	
	1.2s	19.00nm		4.9mb		
SLR	34.37	251	eP	52 59.20	0.3	
POO	37.76	14	iPc	53 28.00	0.5	
HYB	38.10	22	ePd	53 30.50	0.2	
PPI	39.40	67	eP	53 43.70	2.5	
PSI	39.75	62	ePc	53 46.60	2.5	
IPM	42.53	61	ePc	54 08.50	1.5	
NNT	46.33	51	eP	54 37.80	0.3	
KHT	46.97	48	eP	54 43.60	1.0	
QUE	48.31	3	eP	54 53.90	0.8	
BDT	48.96	46	eP	54 56.00	-2.0	
KLB	49.53	116	eP	55 02.00	-0.4	
PKI	49.91	24	iPd	55 05.40	-0.2	
CHG	50.02	44	eP	55 07.00	0.7	
CHTO	50.02	44	eP	55 06.70	0.4	
	1.0s	4.75nm		4.4mb		
KKN	50.05	24	iPd	55 07.00	0.4	
MEK	50.22	110	eP	55 07.00	-0.8	
BNG	50.71	292	iPd	55 11.90	0.2	
	1.0s	38.00nm		5.3mb		
		id	55 18.90			
BCAO	50.72	292	eP	55 11.20	-0.5	
	1.1s	19.43nm		5.0mb		
LOE	50.96	48	eP	55 12.00	-1.3	
SHL	51.09	32	iP	55 14.60	0.1	
MHI	54.57	355	eP	55 40.00	-0.1	
KMI	56.98	42	eP	55 57.50	-0.4	
PPR	60.28	67	ePc	56 21.00	0.3	
CD2	61.77	38	Pd	56 29.90	-0.8	
ASPA	64.36	108	iPd	56 47.00	-1.1	
WMQ	65.39	18	P	56 53.80	-0.5	
WRA	65.45	104	Pd	56 54.40	-0.7	
	0.8s	17.70nm		5.3mb		
WB2	65.46	104	iPd	56 54.70	-0.5	
LZH	65.65	34	Pc	56 56.00	-0.2	
GTA	66.22	29	iPd	56 59.00	-0.7	
XAN	67.05	39	iPd	57 04.20	-0.8	
WHN	68.21	45	Pd	57 13.80	1.5	
STK	69.74	118	eP	57 21.00	-0.9	
TIY	71.64	38	P	57 33.20	0.0	
SPA	71.76	180	iPd	57 34.30	0.6	
	0.9s	27.73nm		5.4mb		
SKO	72.05	328	eP	57 34.40	-1.1	
NJ2	72.19	46	Pc	57 36.30	-0.2	
BTO	72.26	35	iPd	57 36.80	-0.1	
MLR	72.58	333	eP	57 40.00	1.2	
KIC	72.62	283	eP	57 39.30	-0.2	
SSE	73.27	48	P	57 42.50	-0.4	
TIA	73.55	42	P	57 43.60	-0.8	
YOU	74.89	121	eP	57 52.90	0.4	
WAM	74.90	124	eP	57 54.10	1.7	
CAN	75.17	123	eP	57 37.90	-16.2X	
BJI	75.37	38	eP	57 54.50	-0.3	
LJU	78.46	327	e(P)	58 10.80	-1.2	
ZST	78.65	330	eP	58 12.60	-0.3	
KRA	78.68	332	ePc	58 12.80	-0.3	
			e	58 16.60		
VOY	78.78	327	e(P)	58 13.60	-0.3	
BHG	80.42	327	eP	58 22.00	-0.5	
KSP	80.88	331	eP	58 24.50	-0.4	
SNY	80.92	40	eP	58 25.20	-0.1	
KHC	81.00	329	iPc	58 25.50	-0.1	
	1.0s	10.50nm		4.8mb		
PPU	81.11	330	P	58 26.00	-0.1	
FUR	81.53	327	iPd	58 28.80	0.4	
	0.8s	54.00nm		5.7mb		
[illegible]	81.92	325	eP+	58 30.50	-0.2	
SAX	81.97	326	eP+	58 31.00	0.0	
MMH	82.00	324	eP+	58 31.50	0.4	
GRF	82.53	328	eP	58 34.00	0.5	
	0.9s	16.00nm		5.2mb		
ZUL	82.62	325	eP+	58 34.50	0.4	
CLL	82.72	330	iPc	58 35.30	0.9	
	1.8s	30.00nm		5.2mb		
SLE	82.74	326	eP+	58 34.90	0.2	
MOX	82.95	329	eP	58 36.00	0.3	
CN2	83.16	40	Pd	58 35.00	-1.9	
BSF	83.70	325	eP	58 39.40	-0.3	
	0.9s	24.20nm		5.4mb		
CDF	83.78	326	eP	58 39.70	-0.4	
HAU	84.04	325	eP	58 41.00	-0.3	
SMF	84.67	323	eP	58 44.60	0.1	
	0.7s	3.30nm		4.7mb		
CAF	84.78	321	eP	58 45.50	0.4	
	0.7s	2.20nm		4.5mb		
LBF	84.78	323	eP	58 44.90	-0.2	
	1.0s	9.20nm		5.0mb		
NUR	84.93	341	eP	58 46.00	0.5	
LOR	85.01	323	eP	58 46.00	-0.2	
	1.0s	8.00nm		4.9mb		
SSF	85.09	323	eP	58 46.60	0.0	
	1.0s	4.00nm		4.6mb		
WLF	85.12	326	Pd	58 47.00	0.4	
BGF	85.20	322	eP	58 47.50	0.4	
	0.9s	6.00nm		4.8mb		
RJF	85.31	321	eP	58 48.20	0.5	
	0.8s	5.30nm		4.8mb		
LFF	85.59	320	eP	58 49.70	0.6	
LSF	85.80	322	eP	58 50.50	0.3	
	1.2s	9.30nm		4.8mb		
MDJ	86.12	40	eP	58 50.00	-1.7	
DOU	86.19	326	Pc	58 53.10	1.2	
SUF	86.27	343	iP	58 52.00	-0.1	
	0.8s	18.30nm		5.3mb		
MFF	86.98	321	eP	58 56.20	0.3	
	1.0s	16.00nm		5.2mb		
KJF	87.07	345	iP	58 56.20	0.2	
	0.9s	23.70nm		5.4mb		
LPF	88.22	322	eP	59 02.00	0.2	
	1.1s	24.40nm		5.4mb		
MAT	88.26	51	iPd	59 02.60	0.3	
	1.5s	111.11nm		6.0mb		
			(S)	09 50.00		
FLN	88.27	323	eP	59 02.30	0.3	
GRR	88.30	323	eP	59 02.30	0.1	
HFS	88.35	337	eP	59 01.60	-0.6	
	0.7s	3.40nm		4.8mb		
NB2	89.87	337	P	59 06.90	-2.5	
	0.9s	3.40nm		4.6mb		
BRW	121.75	15	ePKP	05 04.60	0.3	
IMA	126.15	18	ePKP	05 13.40	0.1	
COL	128.69	17	ePKP	05 17.00	-0.9	
FBA	128.69	17	ePKP	05 16.60	-1.3	
	1.0s	15.00nm				
INK	128.78	9	ePKPd	05 17.20	-0.8	
YKA	135.90	359	ePKP	05 22.40	-9.3X	
EDM	145.16	358	iPKPd	05 48.30	-0.3	
PNT	148.92	5	ePKP	05 59.00	4.2X	
RXF	149.56	360	iPKPd	06 01.00	5.1X	
YKM	149.56	0	iPKPd	06 01.50	5.5X	
LDM	149.97	360	iPKPc	06 02.10	5.6X	
NEW	150.13	2	ePKP	06 02.00	5.3X	
LHD	150.17	0	iPKPd	06 02.70	5.9X	
CLX	150.22	360	iPKPd	06 02.70	5.6X	
LRM	152.50	356	ePKP	06 01.10	0.5	
RSSD	152.59	342	iPKPd	06 08.30	7.6X	
	0.8s	45.42nm				
BDW	155.15	350	ePKP	06 04.30	0.0	
	1.0s	3.80nm				
			pP	06 13.70		
EUR	158.94	1	iPKP	06 10.40	1.3	
	0.2s	8.37nm				
JCT	161.38	313	ePKP	06 12.20	0.6	
	1.1s	9.49nm				
ALQ	161.66	336	ePKP	06 12.00	0.0	
	1.0s	4.50nm				

S.D. = 0.8 on 102 of 113 obs.

% FEB 03, 1985 15h 47m 14.26± 4.82s
39.301 N ±40.9km 29.260 E ±14.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

TTK	1.05	297	ePn	47 34.60	0.6	
YLV	1.27	4	iPn	47 38.00	0.2	
GPA	1.28	39	iPn	47 38.00	0.0	
BNT	1.48	316	ePn	47 41.00	0.1	
EDC	1.50	315	ePn	47 40.30	-0.9	
ISK	1.77	355	iPn	47 48.10	3.0X	

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

FEB 03, 1985 16h 40m 45.30± 0 73s
37.714 N ± 7.6km 23.824 E ± 7.7km
DEPTH = 203.9 ± 7.3 km
4.0mb (3 obs.)
SOUTHERN GREECE (368)

ATH	0.27	342	iPd	41 12.10	-0.2	
			eS	41 29.10		
PAIG	2.21	357	ePg	41 26.80	0.2	
PRK	2.46	51	eP	41 28.00	-1.3	
VLS	2.60	281	eP	41 31.00	0.1	
LIT	2.60	337	ePgc	41 31.40	0.5	
OUR	2.62	3	ePg	41 31.90	0.8	
NPS	2.84	149	eP	41 34.20	0.5	
			eS	42 09.50		
KZN	3.04	329	eP	41 36.40	0.3	
SOH	3.12	353	ePg	41 36.10	-1.0	
GRG	3.42	342	ePb	41 41.00	0.4	
			eSb	41 59.10		
VAY	3.73	345	ePn	41 45.00	0.6	
OHR	4.12	326	ePn	41 49.10	-0.2	
SKO	4.63	337	iPnc	41 56.00	0.3	
LCI	5.27	302	ePn	42 02.50	-1.3	
			eSn	42 57.00		
BRT	6.03	304	iPnc	42 13.50	-0.1	
			eSn	43 17.00		
HFS	23.35	347	(P)	45 35.90	-0.4	
	0.7s	2.60nm		4.0mb		
NB2	24.66	345	P	45 49.10	0.5	
	0.6s	0.80nm		3.5mb		
EKA	25.35	323	Pd	46 00.50	5.6X	
	0.5s	6.90nm		4.6mb		
SUR	69.79	183	iPd	51 31.50	-3.8X	
	1.0s	108.00nm		5.5mb X		
YKA	74.69	341	eP	52 08.00	4.4X	
WRA	117.91	94	PKPc	59 17.70	8.4X	
	0.6s	3.60nm				
WB2	117.92	94	ePKP	59 17.70	8.4X	

S.D. = 0.7 on 17 of 22 obs.

% FEB 03, 1985 16h 45m 49.56± 0.98s
40.555 N ± 8.0km 27.618 E ± 6.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

KGT	0.26	247	iPg	45 55.10	0.0	
			iSg	46 00.10		
EDC	0.28	138	iPn	45 55.30	-0.1	
BNT	0.30	131	iPg	45 56.10	0.2	
			iSg	46 02.00		
CTT	0.85	46	iPg	46 06.00	0.0	
			iSg	46 19.00		
TTK	0.85	157	ePg	46 06.00	0.0	
			iSg	46 21.00		

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

* FEB 03, 1985 16h 46m 39.76± 0.81s
53.460 S ±11.5km 24.912 E ±21.4km
DEPTH = 10.0km (geophysicist)
5.0mb (7 obs.)
SOUTH OF AFRICA (430)

BLF	24.35	3	eP	52 02.30	3.5X	
	1.0s	108.00nm		5.4mb		
BFS	26.57	4	iPc	52 21.50	1.8	
	1.0s	24.00nm		4.8mb		
SLR	27.81	7	iPd	52 30.50	-0.5	
	1.2s	70.31nm		5.3mb		
BUL	33.38	6	iPc	53 20.00	-0.4	
	0.9s	19.75nm		5.0mb		
			ipP	53 27.00	24kmX	
SPA	36.73	180	e(P)	53 48.50	-0.1	
KRI	36.74	8	eP	53 48.00	-1.1	
			ipP	53 55.00	24kmX	
MTD	36.97	11	eP	53 52.00	1.0	
			ipP	53 57.00	17kmX	
BCAO	57.93	352	eP	56 33.90	-0.4	
	1.0s	4.75nm		4.5mb		
			pP	56 40.70	22kmX	
BNG	57.93	353	iPc	56 34.00	-0.3	
	0.9s	18.00nm		5.1mb		
			id	56 40.90		
KIC	64.64	327	eP	57 18.70	-1.0	
PEL	67.22	245	iPc	57 36.00	-0.2	
ITR	67.26	287	eP	57 36.60	0.1	
			e	57 43.60		
JACH	67.52	245	eP	57 37.50	-0.6	
TPZ	75.15	254	P	58 15.00	-9.3X	
CNCB	78.38	258	P	58 44.00	1 4	
LPB	78.66	258	eP	58 45.00	1.6	
			eLR	24 28.00		
GBA	80.42	51	Pd	59 00.00	7.2X	
	0.8s	5.10nm		4.6mb		
ARE	80.69	255	eP	58 54.00	-0.8	

S.D. = 1.0 on 15 of 18 obs.

& FEB 03, 1985 17h 48m 21.10s
32.580 N 115.640 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-MEXICO BORDER REGION (45)
<PAS-P>. ML 3.8 (PAS).

IKP	0.40	280	iPd	48 29.10	-0.1
BAR	0.88	277	ePc	48 37.50	-0.8
CBX	0.90	253	iPd	48 38.24	-0.5
			S	48 50.64	
ENX	1.11	232	iPd	48 41.93	-0.4
			S	48 57.19	
PBX	1.24	228	iPd	48 44.29	-0.2
			S	49 01.09	
SDW	2.35	330	eP	48 57.00	-4.0
WKTM	3.96	325	e(P)	49 20.50	-3.3
EUR	6.89	358	iP	50 18.20	12.8
	0.3s		0.96nm		

8 obs. associated

% FEB 03, 1985 18h 29m 37.86± 0.84s
46.527 N ± 9.0km 2.873 E ± 7.2km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.1 (LDG).

BGF	0.04	329	Pg	29 39.70	-0.2
			Sg	29 41.40	
MZF	0.37	213	Pg	29 45.30	-0.2
			Sg	29 50.40	
TCF	0.52	243	Pg	29 48.30	0.0
			Sg	29 55.60	
SMF	0.68	80	Pn	29 51.40	0.1
			Sg	29 58.20	
LSF	0.97	254	Pg	29 56.60	0.3
			Sg	30 10.60	

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

? FEB 03, 1985 18h 36m 36.93± 2.32s
15.826 N ±22.7km 97.955 W ±14.8km
DEPTH = 10.0km (geophysicist)
4.3mb (3 obs.)
NEAR COAST OF OAXACA, MEXICO (66)

PIO	0.59	344	iP	36 49.00	0.2
OAX	1.65	44	iP	37 11.00	4.8X
			eS	37 38.00	
VHO	1.83	40	iP	37 09.50	0.7
			iS	37 34.50	
III	2.92	331	eP	37 23.50	-0.9
			i	38 04.00	
IIT	3.19	354	eP	37 29.00	0.6
TPM	3.31	342	eP	37 30.00	0.0
			i	38 15.50	
UNM	3.68	342	eP	37 41.00	5.7X
TAC	3.75	342	eP	37 45.50	9.1X
			iS	38 31.00	
OXM	3.83	335	eP	37 37.50	0.0
IIC	4.11	343	eP	37 47.00	5.5X
COM	5.62	85	eP	39 03.50	60.7X
JCT	14.68	354	eP	40 07.00	0.4
	1.0s		6.00nm	4.1mb	X
OCO	19.62	1	e(P)	41 06.90	-1.7
TUL	20.09	5	eP	41 12.90	-0.7
	0.8s		17.90nm	4.5mb	
			e	41 17.40	
			e	41 31.00	
RLO	20.43	7	e(P)	41 15.80	-1.3
ALQ	20.51	340	eP	41 18.00	-0.1
	1.0s		10.00nm	4.1mb	
GOL	24.65	346	eP	42 01.60	2.3
	1.0s		7.50nm	4.3mb	
YKA	48.07	350	eP	45 19.00	0.7
INK	57.12	345	eP	46 25.00	-0.6

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

& FEB 03, 1985 19h 10m 58.99s
61.544 N 150.147 W
DEPTH = 57.0km
SOUTHERN ALASKA (2)
<AGS-P>. Felt at Anchorage, Eagle River, Palmer and Wasilla.

PWA	0.17	50	iP	11 07.39	-0.6
PLRM	0.49	84	iP	11 10.10	-0.6
PME	0.54	80	eP	11 10.70	-0.5
GHO	0.63	68	iP	11 12.00	-0.4
			eS	11 22.35	
MSE	0.64	62	iP	11 12.02	-0.5
			eS	11 22.73	
KNK	0.82	98	iP	11 14.71	0.0
			eS	11 27.48	
PTE	0.87	141	iP	11 14.83	-0.5
SML	0.90	72	iP	11 15.35	-0.5
NKA	0.96	214	iP	11 17.65	1.1
SPU	0.99	249	iP	11 16.50	-0.5
SLKM	1.04	182	iP	11 16.85	-0.8
PWL	1.11	127	iP	11 18.14	-0.5
			eS	11 33.51	
MPA	1.13	160	eP	11 18.01	-0.7
			eS	11 32.93	
CFI	1.20	107	iP	11 19.56	-0.2
SCM	1.38	77	iP	11 21.89	-0.4
RDT	1.47	229	eP	11 22.76	-0.8
			eS	11 41.94	
SEW	1.49	166	eP	11 22.80	-0.9
TTV	1.54	107	iP	11 24.45	-0.1
			eS	11 43.48	
NNL	1.61	201	eP	11 25.47	0.0
GLI	1.62	113	iP	11 24.77	-0.9
VZW	1.80	104	iP	11 27.31	-0.9
BRLK	1.82	192	iP	11 27.18	-1.3
VLZ	1.89	101	iP	11 28.14	-1.1
ILM	1.89	225	eP	11 28.82	-0.6
FID	1.95	113	eP	11 28.32	-1.9
TOA	1.97	72	eP	11 30.80	0.2
KLU	2.03	90	iP	11 30.34	-1.0
			eS	11 55.16	
HIN	2.12	121	iP	11 31.44	-1.2
PDB	2.66	230	eP	11 39.22	-1.0
SVW	2.68	263	eP	11 39.00	-1.5
TTA	3.08	299	eP	11 44.50	-1.8
COL	3.53	17	eP	11 51.00	-1.6
			eS	12 34.00	
FBA	3.53	17	eP	11 51.50	-1.1
KDC	3.99	198	eP	11 57.40	-1.6
YAH	4.26	102	eP	12 01.12	-2.0
IMA	4.80	343	eP	12 08.40	-2.2
PNL	5.62	105	eP	12 20.00	-1.9
INK	9.75	39	eP	13 19.00	-0.1

38 obs. associated

• FEB 03, 1985 19h 53m 16.15± 0.79s
36.320 N ±12.7km 69.237 E ±11.7km
DEPTH = 33.0km (normal)
4.2mb (5 obs.)
HINDU KUSH REGION (718)

QUE	6.41	198	eP	54 52.50	1.6
			eS	56 08.00	
MHI	7.87	273	ePn	55 09.00	-2.2
			eSn	56 35.00	
NDI	10.16	136	iPc	55 45.30	2.5X
	0.4s		16.95nm	5.7mb	X
			iS	57 32.00	
KKN	16.03	118	eP	57 00.20	-0.7
	0.7s		22.00nm	4.4mb	
PKI	16.25	118	eP	57 03.10	-0.7
	0.8s		15.00nm	4.2mb	
NUR	37.15	325	eP	00 26.00	0.7
SUF	37.33	329	iP	00 27.80	1.0
	0.3s		1.40nm	4.3mb	
KJF	37.36	331	eP	00 28.00	1.0
HFS	42.33	322	eP	01 10.20	2.0X
	0.5s		1.90nm	4.1mb	
NB2	43.67	323	P	01 18.40	-0.8
	0.5s		0.90nm	3.8mb	

S.D. = 1.5 on 8 of 10 obs.

FEB 03, 1985 21h 13m 34.62± 1.04s
62.554 N ± 6.0km 151.236 W ± 9.3km
DEPTH = 85.8 ± 31.5 km
CENTRAL ALASKA (1)

PWA	1.11	144	eP	13 55.47	-0.1
MSE	1.28	123	eP	13 57.97	0.1
			eS	14 15.43	
GHO	1.34	125	eP	13 58.82	0.2
			eS	14 16.69	
SPU	1.43	196	eP	13 59.31	-0.4
			eS	14 18.02	
SML	1.55	118	iP	14 01.49	0.2
KNK	1.74	130	eP	14 03.85	0.1
PTE	2.00	147	eP	14 07.11	0.0
RDT	2.06	196	eP	14 08.46	0.3
SLKM	2.11	166	eP	14 09.01	0.3
PWL	2.19	140	eP	14 08.87	-1.0
MPA	2.26	156	eP	14 11.10	0.4
COL	2.81	32	iP	14 18.20	-0.1
FBA	2.81	32	eP	14 18.30	0.0

S.D. = 0.4 on 13 of 13 obs.

% FEB 03, 1985 21h 32m 13.80± 2.28s
39.048 N ±18.1km 27.840 E ±10.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

TTK	0.73	12	iPg	32 28.20	0.0
			iSg	32 39.70	
EDC	1.30	1	iPn	32 37.30	-0.5
BNT	1.31	3	iPn	32 38.10	0.1
EZN	1.41	304	iPn	32 39.20	-0.2
KGT	1.46	344	iPn	32 40.80	0.6
ISK	2.22	25	ePn	32 56.90	5.7X
GPA	2.27	56	ePn	32 52.00	0.0

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

• FEB 03, 1985 22h 16m 55.55± 0.82s
7.289 N ±18.2km 72.037 W ±15.5km
DEPTH = 33.0km (normal)
NORTHERN COLOMBIA (99)

BMG	1.05	258	iP	17 14.00	-0.1
UAV	1.58	34	ePn	17 22.00	0.2
SDV	2.11	41	ePn	17 30.30	0.9
	0.3s		60.00nm		
TOV	3.33	42	ePn	17 45.70	-0.9
BOG	3.33	217	eP	17 47.00	0.1
CAR	5.97	57	ePn	18 24.00	-0.2

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

& FEB 03, 1985 22h 17m 49.43s
59.881 N 153.363 W
DEPTH = 118.7km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.41	42	iP	18 06.32	-0.7
			eS	18 20.20	
PDB	0.43	258	iP	18 06.25	-0.8
			eS	18 19.27	
AUI	0.55	183	iP	18 06.84	-0.9
			eS	18 20.83	
RDT	0.84	34	iP	18 09.83	-0.4
			eS	18 25.34	
NNL	1.05	80	eP	18 12.60	0.4
BRLK	1.26	94	iP	18 13.27	-1.1
			eS	18 33.16	
NKA	1.37	50	eP	18 16.92	1.4
SPU	1.46	26	eP	18 16.25	-0.4
SVW	1.66	319	iP	18 18.20	-1.0
SLKM	1.69	67	eP	18 18.85	-0.6
SEW	1.98	82	eP	18 22.16	-0.8
MPA	2.09	71	eP	18 23.83	-0.6
			eS	18 49.51	
PTE	2.37	64	eP	18 27.23	-0.8
PWA	2.47	42	eP	18 29.76	0.5
			eS	18 58.08	
PWL	2.68	66	eP	18 30.87	-1.3
			eS	19 01.91	
KNK	2.86	55	eP	18 32.51	-2.1
			eS	19 05.49	
GHO	2.89	47	eP	18 33.35	-1.6
			eS	19 06.54	
MSE	2.91	46	eP	18 33.62	-1.7
CFI	3.06	62	eP	18 36.94	-0.1
SML	3.13	50	eP	18 36.11	-2.0
HIN	3.47	78	eP	18 41.25	-1.4
FID	3.53	73	eP	18 41.33	-2.2
VZW	3.57	68	eP	18 42.93	-1.2
VLZ	3.70	67	eP	18 44.76	-0.9
KLU	4.00	63	eP	18 47.45	-2.5

25 obs. associated

• FEB 04, 1985 00h 08m 37.57± 1.53s
30.925 S ± 7.4km 71.495 W ±16.2km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

04d 00h

TLL	0.96	38	iPc	08 54.60	-0.4
JACH	1.91	157	iPc	09 08.00	-0.5
PEL	2.32	163	iP	09 14.00	-0.2
BACH	2.57	161	iPd	09 18.10	0.3
			iS	09 49.50	
RTLL	2.63	100	ePd	09 17.70	-0.9
			S	09 36.00	
RTCV	2.70	111	e(P)	09 19.80	0.2
			S	09 37.60	
TACH	2.76	170	iPd	09 20.70	0.2
MDZ	2.98	132	eP	09 24.40	0.7
			e	09 40.80	
			e	10 04.70	
CHCH	3.08	167	iP	09 25.00	-0.1
VCA	3.59	54	ePc	09 33.20	0.7
			S	10 17.40	
TCA	5.93	96	ePc	10 01.20	-4.3X
			S	11 04.90	

S.D. = 0.6 on 10 of 11 obs.

% FEB 04, 1985 00h 12m 25.70± 3.91s
34.208 S ±36.9km 71.074 W ±10.0km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.38	312	iPd	12 34.40	-0.1
			iS	12 50.00	
CHCH	0.44	52	eP	12 35.50	0.0
			iS	12 56.50	
TACH	0.56	12	iPd	12 37.60	0.3
			iS	12 54.70	
BACH	0.98	30	eP	12 43.40	0.2
			iS	13 06.00	
FCH	1.09	37	iP	12 45.00	-0.1
			iS	13 07.60	
JACH	1.57	15	iP	12 51.30	-0.5

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

? FEB 04, 1985 00h 28m 01.70± 2.49s
6.752 S ±21.0km 130.934 E ±45.0km
DEPTH = 108.3 ± 24.4 km
4.3mb (2 obs.)
BANDA SEA (280)

AAI	4.09	318	ePc	29 02.90	-0.3
MTN	6.06	178	eP	29 32.00	1.7
			eS	30 37.00	
KNA	9.19	193	iPd	30 12.20	-0.8
			eS	31 48.00	
WRA	13.52	166	Pd	31 09.80	-0.6
	0.5s		5.40nm		4.2mb
WB2	13.53	166	eP	31 09.90	-0.5
			iS	33 32.80	
ASPA	17.06	171	eP	31 58.00	3.0X
			eS	34 55.00	
PKI	55.67	310	eP	37 30.00	0.5
	0.6s		2.00nm		4.3mb

S.D. = 1.5 on 6 of 7 obs

FEB 04, 1985 00h 34m 37.47± 0.59s
42.790 N ± 4.5km 13.031 E ±10.9km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

MNS	0.48	213	iPgc	34 46.70	-0.5
			iSg	34 53.50	
AQU	0.52	148	ePg	34 48.00	0.1
			eSg	34 56.00	
RMP	1.01	194	ePg	34 57.00	0.1
			eSg	35 13.00	
DUI	1.55	136	eP	35 09.00	3.9X
			eSg	35 34.00	
TRI	2.97	10	e(Pn)	35 24.40	-1.0
			i(Sn)	36 15.00	
CEY	3.11	18	ePn	35 38.40	10.9X
	0.7s		50.00nm		
			eSn	36 03.90	
VOI	3.30	11	e(Pn)	35 30.00	-0.3
			e(Sn)	36 07.80	
CTI	3.40	344	ePn	35 32.00	0.2
LJU	3.43	18	e(Pn)	35 31.80	-0.2
			e	35 41.00	
			eSn	36 05.30	
			e	36 14.30	
KBA	4.29	3	i(Pn)	35 45.70	1.2
	0.5s		5.30nm		
			i	36 45.60	

S.D. = 0.8 on 8 of 10 obs.

% FEB 04, 1985 02h 11m 45.18± 8.28s
15.021 N ±47.1km 59.696 W ±52.1km
DEPTH = 10.0km (geophysicist)
LEEWARD ISLANDS (92)

CRM	1.21	257	eP	12 07.70	0.0
MVM	1.25	248	iPc	12 08.40	0.0
			S	12 22.10	
BIM	1.42	250	eP	12 11.30	0.2
			S	12 26.80	
FDF	1.44	259	eP	12 11.12	-0.2
			S	12 27.00	
SLW	1.56	230	eP	12 12.96	-0.1

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

* FEB 04, 1985 02h 47m 04.23± 0.87s
31.562 S ± 7.6km 68.615 W ± 7.4km
DEPTH = 122.0 ± 12.1 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.26	28	iPd	47 21.00	-0.8
RTCV	0.30	168	iPd	47 21.60	-0.4
CFA	0.32	98	iPd	47 21.80	-0.2
			S	47 33.00	
MDZ	1.33	189	iP	47 31.50	1.2
			iS	47 49.10	
JACH	2.02	236	iPd	47 38.70	0.1
			iS	48 06.10	
FCH	2.26	218	iP	47 43.60	1.7
TLL	2.34	306	iPd	47 42.40	-0.5
PEL	2.36	227	iPd	47 43.00	0.1
			iS	48 12.00	
VCA	2.83	7	ePd	47 50.00	0.8
			S	48 24.50	
TACH	2.86	223	iPc	47 49.00	-0.4
			iS	48 22.50	
CHCH	2.92	215	iPc	47 50.80	0.5
LNV	3.35	224	iPd	47 54.20	-1.7
TCA	3.45	87	iPd	47 57.90	0.6
			S	48 37.00	
VBA	8.47	142	ePc	49 04.40	-1.1

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

& FEB 04, 1985 03h 09m 24.50s
32.350 N 117.950 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-MEXICO BORDER REGION (45)
<PAS-P>. ML 3.8 (PAS). Felt in the San Diego, California area.

CPE	0.89	53	iPd	09 41.30	-0.7
CIS	1.12	340	eP	09 44.90	-1.0
			eS	10 00.50	
BAR	1.13	73	iPc	09 44.60	-1.4
SDW	2.37	18	P	10 04.20	-0.4
GLA	2.73	74	eP	10 07.80	-1.8
BLP	3.01	318	eP	10 12.00	-1.6
WKTM	3.46	353	P	10 19.30	-0.8
VPEM	3.59	2	P	10 21.00	-1.0
PHAM	4.03	330	P	10 28.00	-0.1
JAS1	5.92	341	eP	10 54.00	-0.8
EUR	7.30	12	IP	11 14.20	-0.3
	0.2s		8.37nm		5.6mb X
ALQ	9.92	72	eP	11 55.00	4.1
	1.0s		2.50nm		4.6mb X
EDM	21.12	8	ePc	14 11.20	-1.0

13 obs. associated

FEB 04, 1985 03h 35m 12.39± 0.53s
40.821 N ± 5.2km 27.870 E ± 5.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

BNT	0.47	175	iPg	35 21.90	0.0
			iSg	35 29.10	
EDC	0.47	181	iPg	35 22.30	0.3
			iSg	35 30.80	
KCT	0.68	147	iPn	35 25.40	-0.5
ISK	0.93	74	iPg	35 29.50	-0.7
			iSg	35 43.20	
YLV	1.17	102	iPn	35 34.40	0.1
JMB	1.91	330	iP	35 46.00	0.8
GPA	1.93	105	ePn	35 46.40	0.7
KDZ	2.07	294	iP	35 47.00	-0.6
			iSg	36 18.00	

DIM	2.11	306	eP	35 48.00	-0.2
			eSg	36 19.00	
MMB	3.22	285	iPc	36 12.00	8.0X
VTS	3.92	298	eP	36 20.00	6.1X

S.D. = 0.6 on 9 of 11 obs.

FEB 04, 1985 03h 43m 17.24± 0.52s
40.691 N ± 5.0km 22.730 E ± 4.5km
DEPTH = 11.5 ± 5.0 km
GREECE (364)
mbLg 2.8 (SKO).

THE	0.19	108	ePgd	43 21.50	0.0
			eSg	43 24.50	
GRG	0.36	317	ePb	43 24.80	0.0
			eSb	43 29.10	
SOH	0.49	74	ePg	43 27.50	0.2
			eSg	43 35.60	
LIT	0.62	197	iPgc	43 28.90	-0.6
VAY	0.64	349	iPg	43 29.40	-0.5
			i	43 37.40	
			iSg	43 40.20	
OUR	1.02	110	ePg	43 27.20	-9.2X
			eSg	43 51.50	
PAIG	1.05	136	ePg	43 37.60	0.7
			eSg	43 52.70	
MMB	1.17	40	iPgc	43 39.00	0.0
OHR	1.52	287	ePn	43 45.00	0.6
			eSn	44 03.60	
SKO	1.61	323	iPn	43 46.20	0.6
			iSn	44 10.50	
VTS	1.94	10	iPc	43 56.00	5.7X
			iSg	44 17.00	
KDZ	2.19	64	iP	43 54.00	-0.1
			iSg	44 29.00	

S.D. = 0.6 on 10 of 12 obs.

% FEB 04, 1985 03h 53m 26.36± 0.84s
40.678 N ± 7.3km 22.675 E ± 6.6km
DEPTH = 10.0km (geophysicist)
GREECE (364)

THE	0.23	102	ePgd	53 30.80	-0.4
GRG	0.35	323	ePb	53 33.70	0.2
			eSb	53 39.20	
SOH	0.54	74	ePb	53 36.70	-0.5
			eSb	53 44.80	
LIT	0.59	194	ePbc	53 38.00	-0.4
			eSg	53 45.00	
OUR	1.05	109	ePn	53 47.10	0.9
			eSg	54 00.70	
PAIG	1.07	134	ePg	53 46.80	0.2

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

* FEB 04, 1985 06h 12m 33.13± 0.58s
20.544 S ±19.9km 178.421 W ±12.1km
DEPTH = 560.0km (geophysicist)
5.0mb (6 obs.)
FIJI ISLANDS REGION (181)

VUN	3.88	310	eP	13 34.00	-21.4X
SGE	4.54	310	iPc	14 00.70	0.1
KOU	16.20	267	iPc	15 58.00	4.3X
BRS	27.15	250	iPd	17 35.00	1.1
PMG	34.97	283	eP	18 41.00	0.6
	0.9s		67.23nm		5.3mb
ASPA	44.13	257	iPd	19 54.20	0.1
	0.9s		65.00nm		5.2mb
WB2	44.19	262	iPd	19 54.30	-0.3
WRA	44.20	262	Pd	19 54.00	-0.7
	0.6s		15.90nm		4.7mb
MTN	48.77	271	iPc	20 29.10	-0.4
	0.8s		43.00nm		5.0mb
WBN	50.50	253	iPd	20 42.20	0.0
KLB	57.68	245	iPc	21 32.40	-0.2
BAL	58.68	246	eP	21 39.00	-0.5
BMN	83.15	42	eP	24 02.80	1.0
	0.9s		2.73nm		3.8mb X
PNT	86.91	34	eP	24 20.00	0.4
	0.8s		8.00nm		4.4mb
COL	88.37	13	IP	24 25.10	-1.0
	0.8s		21.64nm		5.1mb
			pP	26 26.70	553kmX
BDT	89.26	289	eP	24 31.90	0.8
BDW	89.26	43	eP	24 31.40	0.4
	0.7s		0.77nm		3.7mb X
CHG	89.89	290	eP	24 37.00	3.0X

INK 94.41 15 eP 24 53.00 -0.7
ARE 99.42 111 e(P) 26 28.00 70.1X
KJF 132.99 345 ePKP 30 45.00 -0.9
0.5s 9.80nm
SUF 134.62 344 iPKP 30 48.70 -0.3
0.5s 1.80nm
NUR 136.87 344 ePKP 30 55.00 1.6
NB2 138.98 353 PKP 30 46.70 -10.6X
0.6s 1.60nm
MUD 143.69 353 iPKPc 31 04.40 -1.1
0.6s 17.00nm
COP 143.98 350 iPKP 31 05.40 -0.6
0.7s 35.62nm
EKA 145.08 5 PKPc 31 08.60 0.6
0.7s 9.80nm
DCN 146.56 10 iPKPc 31 13.10 2.7X
0.7s 43.00nm
DDK 146.65 9 iPKPc 31 13.30 2.8X
0.5s 20.00nm
DLE 146.72 9 iPKPc 31 13.50 2.8X
0.7s 31.00nm
KRA 147.15 338 ePKPc 31 14.90 3.4X
e 31 15.30
WIT 147.55 354 ePKP 31 17.50 5.5X
KSP 147.61 343 iPKPd 31 16.70 4.5X
0.7s 38.00nm
CLL 148.01 346 iPKPd 31 17.50 4.7X
0.9s 37.00nm
i 31 21.80
WTS 148.34 354 ePKP 31 18.50 5.2X
0.9s 40.00nm
e 31 23.50
PRU 148.87 344 PKPc 31 19.60 5.4X
e 32 25.60
MOX 148.93 348 iPKPc 31 20.00 5.7X
ENN 149.65 355 ePKP 31 21.50 6.2X
0.9s 15.00nm
e 31 28.50
MEM 149.79 354 PKP 31 21.80 6.3X
TNS 149.89 351 ePKPc 31 22.00 6.2X
KHC 149.90 344 iPKPd 31 22.50 6.7X
0.8s 13.50nm
i 31 30.70
GRF 149.92 347 ePKP 31 22.70 6.9X
e 31 30.90
DOU 150.41 356 PKPc 31 23.50 7.0X
0.7s 35.00nm
WLF 150.72 354 PKPc 31 24.50 7.6X
FLN 151.80 3 ePKP 31 25.60 7.0X
CDF 151.82 352 ePKP 31 25.80 7.0X
KBA 151.85 343 i(PKP) 31 25.60 6.6X
0.7s 6.50nm
i 31 39.00
i 41 33.10
iSg 42 03.20
GRR 152.15 3 ePKP 31 26.20 7.1X
HAU 152.33 353 ePKP 31 27.40 8.0X
BSF 152.45 352 ePKP 31 27.00 7.3X
0.8s 6.40nm
LPF 152.50 4 ePKP 31 27.10 7.5X
0.7s 6.10nm
LOR 153.28 357 ePKP 31 29.40 8.7X
0.6s 1.80nm
S.D. = 0.8 on 22 of 52 obs.

% FEB 04, 1985 10h 04m 47.83± 9.56s
15.244 N ±14.3km 59.459 W ±85 3km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)

CRM 1.49 251 iPd 05 16.67 4.1X
MVM 1.55 244 iPd 05 16.61 3.2X
FDF 1.71 253 eP 05 16.64 0.8
S 05 31.30
BIM 1.72 245 eP 05 16.35 0.4
S 05 32.20
SLW 1.88 230 eP 05 17.57 -0.7
PAG 2.28 290 eP 05 22.60 -1.4
S 05 27.70
BPA 2.92 308 eP 05 33.80 0.8
S.D. = 1.4 on 5 of 7 obs.

• FEB 04, 1985 10h 26m 00.32± 1.11s
24.820 S ±11.1km 179.513 E ±10.4km
DEPTH = 528.8 ± 12.5 km
4.9mb (6 obs.)
SOUTH OF FIJI ISLANDS (171)

VUN 6.85 352 eP 27 46.00 -0.9
eS 29 14.00
SGE 7.35 348 eP 27 52.20 0.2
KRP 13.50 194 eP 28 56.00 1.2
eS 31 22.00
AFI 13.61 39 P 28 53.00 -3.1X
S 31 11.00
KOU 14.68 284 iPc 29 10.00 3.2X
HNR 24.11 306 eP 30 35.00 -0.8
BRS 24.13 258 iPc 30 37.20 1.2
CAN 28.30 241 iPc 31 13.40 0.7
YOU 28.58 243 iPd 31 15.70 0.6
WAM 28.61 239 eP 31 16.50 1.2
CTA 31.05 272 iPd 31 37.10 0.7
0.6s 73.33nm 5.4mb
TAU 31.99 228 eP 31 46.00 1.9
STK 33.98 249 eP 32 02.00 1.1
ADE 36.58 244 iPc 32 22.80 0.3
ASPA 41.46 262 iPd 33 02.50 0.3
0.2s 148.00nm 6.2mb X
WB2 41.90 267 iPd 33 05.30 -0.4
eScP 37 52.50
eS 38 44.30
WRA 41.91 267 Pc 33 05.70 -0.1
0.4s 36.30nm 5.3mb
WBN 47.53 257 iPd 33 48.10 -1.2
KLB 54.22 248 eP 34 36.00 -2.2
NWAO 54.46 246 eP 34 38.00 -1.8
RKG 54.48 245 iPc 34 38.10 -1.8
MEK 54.49 254 eP 34 38.00 -2.2
BAL 55.28 249 eP 34 44.00 -1.6
MUN 55.46 247 eP 34 46.00 -0.9
MRWA 56.15 250 iPc 34 50.50 -1.2
NAU 58.18 258 eP 35 05.00 -0.6
0.4s 19.00nm 4.8mb
CGP 62.81 295 iPd 35 36.00 -0.1
0.8s 45.00nm 5.0mb
WHN 83.21 308 Pc 37 34.00 2.1
PLM 83.72 49 eP 37 35.00 0.3
ISA 83.98 46 eP 37 35.00 -0.7
CN2 84.36 324 Pd 37 37.60 0.3
TIA 84.54 314 Pd 37 39.40 1.0
CLC 84.64 47 eP 37 39.00 0.0
TPC 84.70 49 eP 37 40.00 0.7
GLA 84.96 50 eP 37 41.10 0.6
BMN 87.57 43 eP 37 52.90 -0.1
0.7s 1.11nm 3.8mb X
EUR 87.81 44 eP 37 53.90 -0.4
XAN 88.96 308 Pc 38 01.00 1.6
CHTO 89.58 291 eP 38 04.30 1.8
1.0s 7.50nm 4.6mb
CD2 91.21 304 eP 38 11.80 1.9
LTX 91.29 58 eP 38 10.00 -0.4
ALQ 91.87 52 eP 38 11.20 -1.8
1.0s 4.25nm 4.4mb
SUF 138.14 342 ePKP 44 15.00 -10.8X
0.4s 1.80nm
NB2 142.91 351 PKP 44 28.80 -5.6X
1.0s 11.60nm
CLL 151.59 342 e(PKP) 45 06.00 17.6X
BRG 151.71 341 e(PKP) 45 06.00 17.4X
S.D. = 1.2 on 40 of 46 obs.

FEB 04, 1985 10h 50m 27.22± 0.67s
3.640 S ± 4.1km 78.004 W ± 4.8km
DEPTH = 124.0 ± 5.7 km
5.0mb (31 obs.)
PERU-ECUADOR BORDER REGION (110)

QUT 3.44 354 P 51 22.00 1.6
S 52 19.70
PSO 4.85 8 eP 51 39.00 -0.6
CHN 8.88 16 eP 52 28.00 -6.1X
BOG 9.10 26 eP 52 37.00 -0.3
eS 54 31.00
BMG 11.72 25 eP 53 12.00 0.2
UPA 12.63 353 iPc 53 33.00 9.4X
0.8s 29.85nm 4.9mb
ARE 14.26 154 eP 53 44.00 -1.0
TOV 15.65 31 eP 54 03.50 1.2
LPB 16.09 143 P 54 07.00 -1.1
i 54 32.00
S 58 28.50
LR 01 08.00
CNCB 16.38 144 eP 54 13.00 1.2
(S) 58 29.00
CAR 17.86 38 eP 54 29.20 -0.4
0.5s 30.99nm 4.8mb
TPZ 19.89 154 P 55 06.20 14.6X
YJA 22.05 148 ePc 55 13.00 -0.3
SLA 24.18 151 ePd 55 34.20 0.6
ATB 25.73 90 Pc 55 46.70 -1.3
TPM 30.58 318 eP 56 32.50 0.9
PRM 37.74 354 P 57 32.40 -0.2
ITR 39.66 99 iPd 57 48.10 -0.7
e 57 51.60
e 57 55.30
BLA 40.70 357 P 57 57.50 0.4
NAV 40.83 357 P 57 58.40 0.3
LTX 41.00 325 eP 58 00.70 0.2
BHO 41.02 339 iPd 58 00.30 0.6
1.0s 73.60nm 5.4mb
i 58 36.60
CVL 41.41 359 P 58 03.60 0.8
POW 41.46 344 P 58 02.20 -1.1
FVM 42.99 346 P 58 14.50 -1.2
OCO 43.02 337 eP 58 16.40 0.3
ALQ 46.77 328 eP 58 46.00 -0.2
0.9s 16.81nm 4.8mb
epP 59 12.00 111kmX
OTT 48.86 2 eP 59 00.50 -1.4
0.5s 14.00nm 5.0mb
MNT 49.08 4 iPd 59 03.80 0.2
GOL 49.93 332 P 59 10.50 -0.1
GLA 50.45 319 eP 59 15.00 0.6
TPC 51.91 319 eP 59 26.00 0.6
LHC 52.77 351 eP 59 30.00 -1.4
GSC 53.14 320 eP 59 35.00 0.5
SBB 53.42 319 eP 59 36.00 -0.6
CLC 53.96 320 eP 59 40.00 -0.5
BDW 54.31 332 eP 59 42.10 -1.1
1.1s 13.88nm 4.8mb
pP 00 12.00 127kmX
ISA 54.43 319 eP 59 44.00 0.0
WKTM 54.49 320 P 59 45.10 0.7
CWC 54.65 320 eP 59 46.00 0.3
EUR 55.32 325 iP 59 50.00 -0.6
0.2s 10.61nm 5.4mb
RSON 55.93 348 eP 59 52.30 -2.2
1.0s 85.00nm 5.7mb
pP 00 18.30 107kmX
BMN 56.67 325 P 00 00.00 -0.1
0.8s 14.71nm 5.0mb
pP 00 26.20 108kmX
JAS1 57.04 321 eP 00 03.00 0.5
LRM 57.96 332 eP 00 08.60 -0.6
ORV 58.69 321 P 00 14.50 0.5
pP 00 40.00 103kmX
SCH 58.99 8 eP 00 14.00 -1.9
NEW 61.93 331 eP 00 35.20 -0.8
0.8s 16.70nm 5.1mb
PNT 63.86 331 eP 00 49.00 0.4
0.8s 33.00nm 5.3mb
EDM 63.95 337 iPd 00 47.90 -1.3
0.6s 29.00nm 5.4mb
RSNT 71.55 343 eP 01 35.30 -1.0
0.7s 7.00nm 4.6mb
YKA 71.57 343 eP 01 35.90 -0.5
KIC 73.82 82 iPd 01 49.80 -0.7
i 02 01.10
e 02 14.70
MAL 79.11 52 iPc 02 21.00 1.4
TOL 80.10 49 eP 02 25.00 0.1
INK 81.27 342 ePd 02 30.20 -0.2
EPF 83.97 46 iPd 02 45.90 1.0
1.0s 36.80nm 5.2mb
LPF 84.01 41 iPd 02 45.10 0.2
1.0s 40.70nm 5.3mb
GRR 84.20 41 Pd 02 46.10 0.2
0.1s 33.30nm 6.2mb X
MFF 84.31 43 iPd 02 46.90 0.4
0.7s 28.60nm 5.3mb
EKA 84.41 34 P 02 47.00 0.2
1.0s 11.80nm 4.7mb
LFF 84.60 44 eP 02 48.40 0.5
0.8s 31.10nm 5.2mb
LDF 84.72 41 iPd 02 48.90 0.4
1.0s 38.40nm 5.2mb
COL 84.83 336 iP 02 49.10 0.4
0.8s 13.43nm 4.9mb
FBA 84.83 336 P 02 48.80 0.1
0.8s 17.24nm 5.0mb
LPO 84.87 45 eP 02 50.00 0.7
0.8s 25.80nm 5.2mb

04d 11h

RJF	85.21	44	eP	02	51.50	0.5	GUA	54.73	315	e(P)	33	53.50	-2.4	CHTO	54.39	256	eP	56	38.50	0.3
CAF	85.53	45	iPd	02	53.30	0.6	PJG	54.80	315	e(P)	33	55.10	-1.3		0.7s	13.34nm			5.0mb	
	0.8s	6.70nm			4.6mb		BAL	55.11	251	eP	33	57.00	-1.5	SOD	56.26	339	eP	56	49.00	-2.1
TCF	85.86	43	iPd	02	54.50	0.3	MUN	55.16	249	eP	33	57.00	-1.8	KKN	56.58	274	eP	56	54.00	-0.2
	0.7s	3.90nm			4.4mb		MRWA	56.09	253	iPd	34	04.20	-1.2	PKI	56.65	274	eP	56	54.40	-0.4
MZF	86.10	43	iPd	02	55.40	0.0	NAU	58.67	260	iPc	34	22.60	-0.8		0.5s	8.00nm			5.0mb	
	0.7s	5.50nm			4.6mb			0.5s	16.00nm				4.8mb	KJF	58.55	336	eP	57	06.00	-1.1
ALE	86.33	2	ePd	02	56.00	0.2	SPA	61.24	180	eP	34	41.60	1.2	JAS1	58.61	67	eP	57	08.20	0.3
	0.9s	15.00nm			4.9mb			1.0s	7.50nm				4.2mb	BMN	58.79	63	eP	57	10.00	0.6
BGF	86.34	43	iPd	02	57.10	0.6				e	35	49.00			0.7s	1.44nm			4.1mb	
	0.7s	8.50nm			4.8mb		KYS	74.50	326	eP	36	01.60	-0.4	EUR	60.14	63	iP	57	19.00	0.3
AVF	86.72	43	eP	02	58.60	0.2	OYM	75.12	326	eP	36	04.60	-0.9		0.2s	18.98nm			5.8mb	X
SSF	86.86	43	eP	02	58.60	-0.5	SRY	75.25	326	eP	36	04.80	-1.4	SUF	60.17	336	eP	57	17.00	-1.2
SMF	87.03	43	iPd	02	59.50	-0.4	TSK	75.33	327	eP	36	05.80	-0.9		0.3s	2.20nm			4.7mb	
	0.9s	5.50nm			4.5mb		DDR	75.60	326	eP	36	08.50	0.2	BDW	61.43	57	e(P)	57	25.50	-1.9
LOR	87.13	42	iPd	03	00.00	-0.4	PLM	85.46	48	eP	37	01.00	1.0				pP	57	57.10	131km
IMA	87.53	337	P	03	02.00	-0.1	SBB	85.68	46	eP	37	01.00	0.0	NUR	62.41	335	eP	57	31.00	-2.3
DOU	88.02	40	P	03	05.10	0.6	ISA	85.90	45	eP	37	02.00	0.0	RSSD	63.36	52	eP	57	40.40	0.3
			e	03	44.80		JAS1	86.19	43	eP	37	03.70	0.5				pP	58	09.60	119km
LRG	88.39	46	iPd	03	06.80	0.4	TPC	86.45	48	eP	37	05.00	0.3	NB2	65.12	342	P	57	46.70	-4.3X
	1.0s	12.50nm			4.9mb		CLC	86.54	46	eP	37	05.00	-0.1		0.6s	2.60nm			4.3mb	
LMR	88.48	47	eP	03	06.90	0.0	GLA	86.61	49	eP	37	07.00	1.6	KGM	65.14	240	ePc	57	53.00	1.4
FRF	88.61	46	iPd	03	07.60	0.1	CWC	86.64	45	eP	37	06.00	0.3	GLA	65.26	68	eP	57	52.10	-0.2
	0.8s	14.60nm			5.1mb		GSC	86.72	46	eP	37	07.00	1.0				pP	58	17.10	99kmX
CDF	89.56	42	eP	03	11.70	-0.3	TIA	88.31	313	eP	37	14.20	0.8	ALQ	68.71	61	eP	58	14.00	-0.2
BNG	96.80	86	iPc	03	45.80	0.0	CN2	88.42	323	Pd	37	13.40	-0.4		0.8s	3.17nm			4.2mb	
	0.4s	6.00nm			5.4mb		BMN	B9.70	42	eP	37	20.10	0.1				e	58	45.00	125km
WB2	140.51	232	ePKP	09	37.30	-7.2X		1.3s	11.22nm				4.6mb	SCH	69.32	24	eP	58	17.00	-0.4
			e	10	05.20		EUR	89.85	44	iP	37	20.80	0.0	POO	70.50	276	eP	58	26.20	1.1
WRA	140.52	232	PKPc	09	38.30	-6.2X		0.2s	10.89nm				5.4mb	GBA	71.88	269	Pc	58	31.20	-2.1
	0.6s	0.90nm					BJI	91.24	316	eP	37	27.50	0.7		0.6s	20.00nm			5.1mb	
GTA	144.34	3	PKP	09	48.70	-2.0X	LTX	92.36	58	e(P)	37	33.00	0.6	WB2	72.53	201	eP	58	35.80	-1.1
TIA	144.71	339	ePKP	09	48.80	-2.5X	XAN	92.50	308	Pc	37	34.40	1.5				e	59	08.00	129km
TIY	144.77	346	PKP	09	50.40	-1.0	ALQ	93.37	52	eP	37	36.50	-0.5	WRA	72.53	201	Pc	58	35.90	-1.0
NDI	145.72	41	iPKPc	09	54.20	1.0		1.0s	3.75nm				4.4mb		0.5s	1.10nm			3.9mb	
MTN	146.75	240	ePKP	09	56.00	0.8	BDW	95.69	44	eP	37	47.10	-0.4	KOD	74.40	267	eP	58	49.00	0.6
LZH	147.67	357	ePKP	09	57.00	0.6		0.8s	0.44nm				3.7mb	LTX	74.46	63	eP	58	48.70	0.4
POO	148.74	60	iPKPc	10	02.50	4.1X	COL	96.63	13	eP	37	50.00	-1.0				pP	59	20.00	124km
	0.8s	14.93nm					KEV	136.49	347	ePKP	43	22.00	-19.4X	KHC	75.45	335	eP	58	54.00	0.5
XAN	149.07	349	PKPd	10	02.60	4.1X	SOD	138.54	345	ePKP	43	39.00	-6.3X	KBA	77.39	334	iPd	59	05.00	0.5
WHN	150.81	338	ePKP	10	00.00	-1.1	KJF	140.83	342	iPKP	43	42.40	-7.1X		0.6s	13.90nm			4.9mb	
KKN	151.17	32	ePKP	10	02.70	0.6	SUF	142.43	341	iPKP	43	47.30	-5.0X				i	59	08.70	12kmX
	1.0s	24.00nm						0.4s	12.90nm					GRR	79.36	344	eP	59	16.30	1.3
CD2	152.82	357	ePKP	10	05.20	1.1	NUR	144.62	340	iPKP	43	54.70	-1.4	LOR	79.52	341	eP	59	16.70	0.7
GBA	153.81	66	PKPc	10	06.40	0.6		0.7s	156.90nm					LPF	79.74	344	eP	59	17.30	0.3
	0.9s	6.90nm					UPP	147.06	345	iPKPd	44	01.10	1.0	SSF	79.80	341	eP	59	18.30	0.9
	S.D. = 0.8	on	88	of	97	obs.				i	44	03.90		AVF	80.09	341	eP	59	19.70	0.8
							NB2	147.16	351	PKP	44	00.50	0.2		0.6s	4.10nm			4.4mb	
	FEB 04, 1985 11h 24m 55.47± 0.75s							0.7s	27.70nm					MZF	80.79	341	eP	59	23.70	1.0
	28.925 S ± 7.3km 179.035 W ± 7.1km						BNG	150.48	218	iPKPc	44	12.60	5.7X		0.5s	6.70nm			4.7mb	
	DEPTH = 308.8 ± 7.3 km							0.6s	11.00nm					MFF	80.96	343	eP	59	23.80	0.3
	4.5mb (8 obs.)									ic	44	17.00			0.6s	4.30nm			4.4mb	
	KERMADEC ISLANDS REGION					(177)				ic	45	32.00		LSF	80.98	342	eP	59	24.00	0.4
							BCAO	150.48	218	ePKP	44	12.30	5.4X		0.5s	4.00nm			4.5mb	
RAO	1.03	109	P	25	36.50	-0.7		0.7s	3.97nm					RJF	81.88	342	eP	59	28.60	0.2
			S	26	08.00		KSP	155.25	336	ePKP	44	22.00	9.6X	CAF	82.13	341	eP	59	30.20	0.5
CRZ	8.94	230	eP	27	10.00	8.7X		0.7s	33.00nm						0.6s	6.30nm			4.6mb	
KRP	10.05	205	P	27	17.00	1.9				ic	44	39.00		LFF	82.39	342	eP	59	31.20	0.2
			eS	29	03.00		BRG	155.99	340	iPKPd	44	42.10	28.7X	LPO	82.55	342	eP	59	31.70	-0.1
VUN	11.11	348	eP	27	27.30	-0.7		0.6s	30.00nm					LRG	82.57	338	eP	59	32.00	0.1
SGE	11.62	345	ePd	27	34.60	0.1	PRU	156.57	338	PKP	44	45.60	31.4X	LMR	82.65	338	eP	59	32.70	0.4
MNG	12.50	200	P	27	37.20	-7.8X	MOX	156.86	343	ePKP	44	46.00	31.4X		0.6s	4.30nm			4.5mb	
			S	29	53.00		KIC	156.92	165	ePKP	44	16.30	0.6	EPF	84.30	342	eP	59	40.40	-0.4
YSA	12.57	345	eP	27	46.00	0.2				e	44	48.50			0.5s	2.40nm			4.3mb	
WEL	13.33	201	P	27	52.00	-2.9	KHC	157.63	338	iPKP	44	49.90	34.3X		S.D. = 0.9	on	45	of	46	obs.
			S	30	12.00			0.7s	17.00nm											
NOU	14.65	293	iPc	28	12.60	1.8				e	45	15.00			FEB 04, 1985 12h 03m 00.53± 0.57s					
AFI	16.39	26	P	28	25.00	-4.8X	KBA	159.46	335	iPKPc	44	58.20	40.3X		43.134 N ± 6.7km 0.700 W ± 5.4km					
			S	31	07.00			0.5s	7.50nm						DEPTH = 19.0 ± 6.4 km					
KOU	17.28	295	iPc	28	40.10	1.2		S.D. = 1.3	on	55	of	71	obs		PYRENEES					(378)
BRS	24.88	267	iPc	29	54.30	1.7									ML 3.2 (LDG).					
CAN	27.74	248	eP	30	20.10	1.9														
WAM	27.91	247	eP	30	21.60	2.0		FEB 04, 1985 11h 47m 22.25± 0.37s						ATE	0.05	182	P	03	03.61	-0.5
YOL	28.19	251	eP	30	23.90	1.7		50.509 N ± 8.9km 155.246 E ± 6 6km						MADF	0.09	272	Pd	03	04.47	0.1
CTA	32.69	278	iPd	31	02.40	0.9		DEPTH = 125.8km (5 depth phases)						ESCF	0.11	121	Pc	03	04.16	-0.4
	0.8s	25.75nm			4.8mb			4.6mb (19 obs.)						ISSF	0.13	213	P	03	04.64	-0.2
STK	33.96	255	eP	31	13.00	0.8		KURIL ISLANDS					(221)	OGE	0.17	78	P	03	05.22	0.0
ASPA	42.31	266	eP	32	22.00	0.7								LHE	0.23	165	Pc	03	05.84	-0.3
WB2	43.14	271	eP	32	28.20	0.2	COL	32.37	42	eP	53	41.00	-0.2	BOH	0.23	262	Pd	03	06.57	0.4
			eScP	37	34.80			0.7s	6.85nm				4.5mb	JAU	0.26	111	P	03	06.65	0.0
			eS	38	23.70		INK	37.75	35	eP	54	27.00	0.2	LGR	1.49	244	ePn	03	32.10	5.7X
WRA	43.15	271	Pd	32	27.90	-0.2				pP	54	38.00	39kmX				iSn	03	51.10	
	0.7s	14.40nm			4.3mb		ALE	45.87	6	eP	55	32.50	-0.2	LPO	2.06	41	Pn	03	36.00	1.3
KLB	53.98	250	iPd	33	49.00	-1.4		0.5s	11.00nm				4.8mb				Pg	03	40.50	
RKG	54 00	247	eP	33	38.00	-12 4X	YKA	47.09	39	eP	55	43.40	0.8				Sg	04	07.60	
NWAO	54.08	249	eP	33	49.00	-2 1	EDM	52 73	49	eP	56	25 50	-0.2	LFF	2.08	29	Pn	03	35.60	0.7
MEK	54.71	256	eP	33	53.00	-2.7	CHG	54 39	256	iPd	56	39.00	0.8				Pg	03	40.80	
								0.8s	16.42nm				5.0mb							

			Sg	04 07.20		
EBR	2.48	159	ePn	03 48.00	7.4X	
			ePb	04 05.00		
			eSn	04 17.50		
			eSb	04 21.50		
			eSg	04 23.00		
CAF	2.68	47	Pn	03 43.60	0.0	
RJF	2.69	36	Pg	03 52.20	8.5X	
			Sg	04 24.80		
MFF	3.49	6	Pg	04 06.40	11.4X	
			Sg	04 51.20		
LSF	3.50	26	Pn	03 53.60	-1.5	
			Sn	04 32.80		
			Sg	04 52.00		
TCF	3.77	32	Pn	03 58.60	-0.4	
			Pg	04 12.00		
			Sg	04 58.00		
MZF	3.87	36	Pn	04 00.80	0.4	
			Sg	05 14.40		
LPF	4.90	357	Pn	04 14.40	-0.6	
			Sn	05 06.80		

S.D. = 0.7 on 15 of 19 obs.

? FEB 04, 1985 14h 28m 20.41± 9.41s
51.692 N ±54.0km 16.383 E ±58.3km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.3 (VKA), 3.1 (KBA).

KSP	0.85	184	iP	28 37.00	0.2	
	0.3s		39.00nm			
			iS	28 45.50		
BRG	1.74	243	iPg	28 51.00	0.2	
			iSg	29 11.00		
PRU	2.07	215	Pn	28 55.50	-0.1	
			Pg	28 57.50		
			Sn	29 14.10		
			Sg	29 18.50		
CLL	2.15	261	iPn	28 56.60	-0.1	
			iSg	29 25.70		
KRA	2.79	125	ePn	29 18.60	12.8X	
			eSn	29 57.60		
KHC	3.13	216	ePn	29 10.50	-0.2	
			Pg	29 16.90		
			Sg	29 49.00		
MOX	3.18	253	ePg	29 18.50	7.1X	
			iSg	29 59.00		
VKA	3.43	181	iPgc	29 25.90	10.9X	
			iSg	30 07.80		
GRF	3.84	241	e(Pn)	29 21.00	0.1	
			e(Pg)	29 35.40		
			eSg	30 19.70		
KBA	5.03	204	iPnc	29 37.60	-0.2	
			iSg	30 59.20		
			i	31 01.70		

S.D. = 0.2 on 7 of 10 obs.

• FEB 04, 1985 14h 55m 44.91± 2.21s
31.348 S ± 9.8km 71.651 W ±27.1km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

TLL	1.38	32	iPc	56 06.70	-1.6	
JACH	1.61	146	iPd	56 11.00	-0.4	
			iS	56 32.60		
ROCH	1.71	162	iP	56 11.60	-1.4	
PEL	1.97	156	iP	56 15.80	-0.8	
			iS	56 41.50		
BACH	2.23	154	iPc	56 19.60	-0.7	
			iS	56 50.00		
FCH	2.29	150	iP	56 22.70	1.3	
TACH	2.38	165	eP	56 22.00	-0.4	
			iS	56 55.00		
LNV	2.61	176	iP	56 27.50	1.9	
CHCH	2.71	162	eP	56 27.50	0.3	
VCA	3.96	50	ePd	56 47.00	2.0	
TCA	6.04	92	ePc	57 14.30	-0.1	
			S	58 30.30		

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

FEB 04, 1985 15h 10m 38.33± 0.49s
63.536 N ± 4.3km 149.222 W ± 5.1km
DEPTH = 15.5 ± 4.6 km
4.5mb (2 obs.)
CENTRAL ALASKA (1)
ML 4.3 (PMR). Felt (V) at Healy and (IV) at Cantwell. Also felt at Fairbanks, Nenana and Willow.

MCK	0.24	33	eP	10 43.60	-0.2	
LVY	0.68	359	eP	10 43.60	-7.8X	
GKC	0.86	41	eP	10 55.00	0.6	
NEA	1.05	3	eP	10 58.70	1.1	
WRH	1.06	27	eP	10 58.40	0.5	
HDA	1.33	48	eP	11 02.20	0.0	
RDS	1.38	20	eP	11 03.30	0.4	
COL	1.51	24	iPc	11 05.10	0.4	
FBA	1.51	24	eP	11 04.10	-0.6	
BLR	1.51	90	eP	11 04.40	-0.5	
GLM	1.66	28	eP	11 07.20	0.2	
PAX	1.79	107	eP	11 09.20	0.3	
PME	1.92	177	eP	11 10.20	-0.4	
TTA	3.14	262	eP	11 27.40	-0.7	
IMA	3.18	325	eP	11 29.10	0.3	
FYU	3.48	27	eP	11 33.00	0.2	
SVW	3.85	234	eP	11 39.22	1.0	
INK	7.99	46	eP	12 33.00	-3.4X	
BRW	8.31	343	eP	12 39.20	-1.7	
YKA	15.63	78	eP	14 17.10	-2.1	
EDM	21.15	102	eP	15 24.40	-0.2	
8MN	29.82	126	e(P)	16 50.00	3.3X	
BDW	30.80	113	eP	16 57.00	1.6	
	1.2s		4.93nm		4.2mb	
DAG	36.58	17	IPd	17 44.00	-0.6	
	0.7s		8.22nm		4.7mb	
ALQ	38.74	117	e(P)	18 04.00	0.6	
LTX	44.79	118	e(P)	18 58.00	5.1X	

S.D. = 0.9 on 22 of 26 obs.

• FEB 04, 1985 16h 14m 01.10± 0.44s
5.713 S ±10.4km 104.690 E ±11.5km
DEPTH = 33.0km (normal)
4.8mb (9 obs.)
SOUTHERN SUMATERA (274)

PPI	6.75	320	eP	15 41.50	1.0	
KGM	7.80	350	ePd	16 03.40	8.2X	
			e	18 03.00		
PSI	10.14	325	eP	16 32.00	4.4X	
IPM	10.86	340	ePd	16 42.90	5.5X	
MKS	14.72	89	ePd	17 33.00	4.2X	
NNT	18.84	345	eP	18 22.40	1.5	
NAU	19.72	149	eP	18 32.00	1.0	
	0.4s		9.00nm		4.4mb	
			eS	21 55.00		
KHT	21.24	344	eP	18 49.80	3.0X	
NST	21.72	348	eP	18 58.20	6.7X	
LOE	23.16	353	eP	19 04.00	-1.7	
BDT	23.49	346	eP	19 10.00	1.1	
DAV	24.41	59	eP	19 20.80	2.8	
			eS	23 46.00		
MEK	24.63	149	eP	19 21.00	1.0	
CHTO	25.02	347	eP	19 26.10	2.3	
	0.9s		4.48nm		4.1mb	
KNA	25.64	115	eP	19 27.00	-2.6	
MTN	27.02	107	eP	19 41.00	-1.3	
KMI	30.71	357	eP	20 19.00	3.4X	
GYA	32.04	3	P	20 33.00	5.9X	
WRA	32.10	119	Pc	20 26.90	-0.8	
	0.6s		7.00nm		4.7mb	
WB2	32.11	119	eP	20 26.20	-1.6	
			eS	25 35.50		
GBA	33.17	306	Pd	20 34.80	-2.2	
	0.6s		5.70nm		4.7mb	
ASPA	33.30	125	iPd	20 37.00	-1.1	
			eS	25 56.00		
SHL	33.49	339	eP	20 38.00	-1.9	
HYB	34.57	312	eP	20 48.80	-0.3	
CD2	36.43	359	eP	21 08.10	3.4X	
POO	38.80	309	eP	21 24.50	-0.3	
ADE	42.79	137	iPc	21 58.30	0.7	
CTA	42.81	113	iP	21 58.30	0.4	
STK	43.20	132	eP	22 01.00	0.1	
NDI	43.24	324	iPc	22 02.80	1.6	
			eS	28 30.00		
GTA	45.12	355	eP	22 14.90	-1.5	
BJI	46.74	12	eP	22 36.50	7.5X	
CAN	50.27	132	eP	22 58.30	1.8	
BRS	50.48	121	iPc	22 59.00	0.7	
WAM	50.56	133	eP	23 00.30	1.6	
QUE	50.81	317	eP	23 04.00	3.1X	
WMQ	51.64	344	eP	23 06.70	-0.1	
MHI	59.46	318	eP	24 06.00	2.6X	
KRI	74.10	254	iPc	25 41.00	4.4X	
BUL	75.00	251	iPc	25 43.00	1.2	
SLR	75.31	245	eP	25 45.60	2.1X	
SPA	84.33	180	Pc	26 27.30	-3.7X	
	1.0s		32.50nm		5.5mb	
BNG	86.61	275	ePd	26 43.50	0.2	
	0.9s		16.00nm		5.2mb	
			ic	26 44.10		
			id	28 22.50		
BCAO	86.62	275	eP	26 43.00	-0.3	
	1.0s		7.00nm		4.8mb	
KJF	89.47	335	iP	26 55.00	-0.5	
	0.6s		23.50nm		5.7mb	
			i	27 00.60		
SUF	89.81	333	iP	26 57.00	-0.4	
	0.6s		3.10nm		4.8mb	
NUR	90.04	331	eP	26 58.00	-0.5	
	Z 23s		0.20um		4.5MszX	
INK	106.67	19	ePdiff	28 06.00	-7.6X	
ITR	140.51	249	e(PKP)	33 24.00	-6.0X	
LTX	144.37	45	ePKP	33 35.00	-1.4	
TUL	144.54	29	ePKP	33 32.20	-4.1X	
	0.9s		14.20nm			
	Z 23s		0.11um		4.6MszX	
RLO	144.70	28	ePKP	33 34.50	-2.1X	
JCT	146.27	40	iPKP	33 39.50	0.0	
	0.8s		26.12nm			
SLA	148.27	197	ePKPc	33 48.20	5.2X	

S.D. = 1.4 on 34 of 54 obs.

FEB 04, 1985 16h 14m 52.71± 0.44s
16.008 S ± 7.6km 74.075 W ± 9.7km
DEPTH = 51.8km (2 depth phases)
4.9mb (3 obs.)
NEAR COAST OF PERU (115)

ARE	2.52	101	iPd	15 33.00	0.6	
			eS	16 20.00		
LPB	5.76	96	iPd	16 24.50	6.2X	
			S	17 30.00		
CNC8	5.90	99	iP	16 25.00	4.7X	
			S	17 32.00		
TPZ	7.43	138	Pc	17 14.10	32.6X	
ANT	8.39	156	iP	16 52.50	-1.9	
SLA	11.83	139	eP	17 41.40	-0.1	
PEL	17.33	170	iP	18 52.80	0.1	
MDZ	17.46	165	eP	18 47.30	-6.9X	
			eS	19 08.20		
TCA	17.54	152	ePd	18 56.80	1.5	
BOG	20.50	0	eP	19 34.00	4.5X	
			eS	23 28.00		
BMG	22.95	3	eP	19 54.00	0.3	
ATB	24.93	62	Pd	20 12.20	-0.6	
TOV	25.98	10	eP	20 28.00	5.5X	
VAO	26.45	110	e(P)	20 28.00	1.1	
ITR	35.52	83	e(P)	21 47.00	0.1	
JCT	52.44	332	eP	24 03.50	1.0	
	0.8s		3.36nm		4.4mb	
LTX	53.37	327	eP	24 09.30	-0.1	
ALQ	59.27	329	eP	24 50.80	-0.8	
	0.9s		10.29nm		5.0mb	
			e	25 05.50	54km	
EUR	67.64	326	iP	25 47.50	0.8	
	0.2s		3.35nm		5.0mb	
RSON	68.77	347	eP	25 52.30	-0.9	
			pP	26 06.40	50km	
KIC	72.11	78	iP	26 13.20	-1.0	
			PcP	26 27.90		
EDM	76.78	337	iPc	26 39.90	-0.4	
YKA	84.45	342	eP	27 21.30	0.6	
TOL	85.54	47	eP	27 43.50	16.9X	
WB2	134.65	219	ePKP	34 08.70	0.7	
WRA	134.65	219	PKPd	34 08.90	0.9	
	0.7s		4.60nm			
NDI	150.69	60	iPKPc	34 42.50	7.1X	
KOD	151.71	98	ePKP	34 45.70	8.0X	
GBA	152.36	91	PKP	34 36.30	-1.9	

S.D. = 1.0 on 20 of 29 obs

FEB 04, 1985 18h 38m 44.49± 0.99s
8.805 S ± 4.9km 120.280 E ± 6.8km
DEPTH = 140.8 ± 10.6 km
4.9mb (13 obs.)
FLORES ISLAND REGION (286)

MKS	3.65	347	iPc	39 42.00	1.3	
			e(S)	40 27.00		
AAI	9.37	58	ePc	40 58.00	0.6	

04d 18h

	1.0s	83.20nm		5.4mb		
KNA	10.79	131	eP	41 12.00	-4.2X	
MTN	11.39	112	iPc	41 20.00	-4.1X	
MBL	12.29	182	iPd	41 35.10	-0.8	
NAU	14.41	198	eP	42 03.00	-0.1	
KKM	15.30	344	ePd	42 18.80	4.4X	
WRA	17.54	131	Pd	42 40.30	-1.6	
	0.8s	45.40nm		4.8mb		
WB2	17.55	131	iPc	42 40.00	-2.0	
			iS	45 44.20		
MEK	17.79	185	iPc	42 44.70	-0.1	
WBN	18.25	162	iPd	42 39.30	-10.6X	
PPR	18.52	355	iPd	42 53.60	0.7	
ASPA	19.71	140	iPc	43 04.30	-0.9	
KGM	20.03	302	ePd	43 10.00	1.4	
MRWA	20.70	191	iPc	43 15.50	0.3	
PPI	21.47	292	eP	43 18.50	-4.4X	
KLG	21.89	177	eP	43 26.00	-1.0	
	0.3s	55.00nm		5.4mb		
BAL	21.95	188	iPc	43 28.10	0.6	
KLB	22.79	186	eP	43 36.00	0.2	
IPM	23.35	304	ePd	43 42.90	1.6	
	0.7s	37.90nm		5.0mb		
MUN	23.37	189	eP	43 41.00	-0.3	
PSI	24.16	297	ePc	43 49.70	0.6	
NWAO	24.17	186	iPc	43 49.00	0.0	
TSI	24.86	299	e(P)	43 58.00	2.3	
RKG	25.32	186	eP	44 05.00	5.2X	
	0.6s	23.00nm		4.9mb		
CTA	27.49	117	iP	44 19.30	-0.4	
	1.1s	43.04nm		5.0mb		
STK	30.31	142	eP	44 44.00	-0.7	
	0.6s	35.00nm		5.3mb		
LOE	31.85	325	eP	44 56.50	-1.7	
			e	45 26.00		
CMS	32.77	137	eP	45 06.00	-0.1	
BDT	33.35	321	eP	45 09.00	-2.3	
CHG	34.58	323	eP	45 22.50	0.6	
CHTO	34.58	323	eP	45 22.30	0.5	
	0.7s	3.49nm		4.2mb		
			pP	45 52.70	140kmX	
BFO	34.71	148	eP	45 23.00	0.3	
BRS	35.82	125	iPc	45 33.00	0.7	
YOU	36.18	139	iPc	45 35.90	0.7	
COO	36.59	131	eP	45 40.00	1.3	
	0.5s	31.00nm		5.3mb		
TOO	36.60	145	eP	45 40.00	1.3	
CAN	37.22	139	eP	45 44.80	0.9	
			ePP	47 04.90		
			ePcP	48 01.90		
GYA	37.46	340	P	45 46.60	0.5	
WAM	37.69	141	iPc	45 49.00	1.2	
			ePP	47 04.20		
			ePcP	48 03.40		
KMI	37.81	334	Pd	45 51.00	1.8	
			pP	46 21.00	135kmX	
SHL	43.94	322	iP	46 38.50	-1.0	
XAN	43.95	346	Pd	46 38.80	-0.4	
			pP	47 09.00	133kmX	
LZH	47.26	342	eP	47 05.50	0.0	
GBA	48.00	297	Pd	47 09.40	-1.9	
	0.5s	3.50nm		4.4mb		
BJI	48.75	356	eP	47 16.00	-0.6	
HYB	48.78	302	eP	47 15.00	-2.3	
PKI	49.47	318	eP	47 21.20	-1.7	
	0.6s	12.00nm		4.8mb		
KKN	49.70	318	eP	47 23.00	-1.5	
	0.8s	15.00nm		4.8mb		
GTA	51.60	340	iPd	47 38.60	0.0	
KPP	57 42	130	P	48 21.10	0 4	
MNG	58.13	133	P	48 24.20	-1.5	
QUE	64.22	310	eP	49 04.60	-2.3	
MHI	72.54	312	iPd	49 57.00	-1 1	
			e	50 37.00		
SPA	81.25	180	eP	50 47.50	1.5	
	1.0s	9.50nm		4.5mb		
MTD	86.26	254	eP	51 13.00	0 9	
SLR	88.02	244	eP	51 21.50	0.9	
KRI	88.12	253	eP	51 21.00	-0.2	
BUL	88.56	250	iPc	51 24.00	0.8	
BLF	89.32	241	iPd	51 20.50	-6.2X	
KIC	125.49	272	ePKP	57 31.20	-0.3	
SLA	146.20	171	ePKPc	58 11.20	1.7	
TPZ	148.65	164	PKP	58 21.80	8.0X	
ITR	152.53	231	ePKP	58 20.40	1.1	
			e	58 27.30		
			e	58 32.60		

			e	59 02.20		
CNCB	153.27	162	PKP	58 24.00	3.1X	
LPB	153.50	162	ePKP	58 29.00	8.0X	
	S.D. = 1.2		on	56 of 66 obs.		
%	FEB 04, 1985 18h 57m 39.63± 0.60s					
	46.500 N ± 9.2km			2.968 E ± 6.0km		
	DEPTH = 10.0km (geophysicist)					
FRANCE						(538)
	ML 2.4 (LDG).					
BGF	0.10	304	Pg	57 42.40	0.0	
			Sg	57 44.00		
MZF	0.39	223	Pg	57 47.80	0.2	
			Sg	57 52.80		
AVF	0.39	42	Pg	57 47.70	0.0	
			Sg	57 53.00		
TCF	0.57	248	Pg	57 50.80	-0.3	
			Sg	57 58.00		
SMF	0.62	76	Pg	57 52.00	-0.1	
			Sg	58 00.30		
LBF	0.85	55	Pg	57 56.10	0.1	
			Sg	58 07.10		
LSF	1.03	256	Pg	57 59.20	0.2	
			Sg	58 13.70		
	S.D. = 0.2		on	7 of 7 obs.		
	FEB 04, 1985 19h 23m 53.21± 0.46s					
	44.261 N ±11.7km			28.234 W ± 4.3km		
	DEPTH = 10.0km (geophysicist)					
	4.6mb (22 obs.) 4.3Msz (2 obs.)					
NORTH ATLANTIC RIDGE						(403)
TOL	18.46	95	eP	28 10.00	-0.7	
LPF	19.17	69	eP	28 14.80	-4.5X	
EKA	19.50	47	P	28 23.00	-0.1	
	1.4s	26.00nm		4.3mb		
LFF	20.60	78	iPc	28 34.40	-0.4	
	1.2s	33.00nm		4.6mb		
EPF	20.68	83	iPc	28 37.00	1.3	
	1.1s	17.00nm		4.3mb		
LPO	20.95	78	iPc	28 38.30	-0.2	
	1.1s	18.70nm		4.4mb		
LSF	20.99	74	iPc	28 38.20	-0.7	
	1.0s	35.90nm		4.7mb		
TCF	21.46	74	iPc	28 43.20	-0.5	
	1.1s	42.50nm		4.8mb		
CAF	21.53	78	iPc	28 44.90	0.5	
	1.2s	17.80nm		4.3mb		
BGF	21.87	73	iPc	28 47.50	-0.3	
	1.0s	45.10nm		4.8mb		
AVF	22.20	72	iPc	28 50.70	-0.3	
	1.2s	41.50nm		4.8mb		
SSF	22.28	72	eP	28 52.00	0.1	
	1.2s	51.78nm		4.9mb		
LOR	22.51	71	eP	28 54.40	0.3	
	1.2s	78.50nm		5.1mb		
LBF	22.61	72	eP	28 55.30	0.1	
	1.0s	11.10nm		4.3mb		
UCC	22.83	62	P	29 01.50	4.3X	
DOU	22.94	64	Pc	28 58.30	0.0	
	1.0s	30.00nm		4.8mb		
	Z 14s	0.80um		4.3MszX		
WLF	23.94	65	Pc	29 08.40	0.4	
HAU	24.13	69	iPc	29 10.40	0.5	
BSF	24.44	69	iPc	29 13.10	0.0	
CDF	24.72	68	iPc	29 15.60	-0.2	
MOX	27.44	62	eP	29 45.00	4.2X	
	Z 19s	0.60um		4.2Msz		
	E 20s	0.50um				
CTI	27.98	72	eP	29 41.00	-5.0X	
CLL	28.29	61	e(P)	29 53.00	4.5X	
KHC	28.81	65	iPc	29 53.00	-0.3	
			e	30 32.50		
BRG	28.90	62	eP	29 58.10	4.1X	
	1.8s	28.00nm		4.8mb		
KBA	28.95	70	e(P)	29 56.50	1.8	
	1.0s	9.20nm		4.5mb		
			i	30 16.80		
PRU	29.35	63	eP	30 00.00	1.9	
	Z 18s	0.70um		4.3Msz		
	E 18s	0.50um				
CEY	29.94	72	eP	30 03.00	-0.5	
KSP	30.39	62	eP	30 06.50	-0.8	
SOP	30.99	68	eP	30 11.60	-1.0	
SUF	35.90	40	iP	30 53.80	-1.1	
KIC	42.99	144	eP	32 02.00	7.7X	

YKA	50.42	323	eP	32 51.90	-0.5	
INK	54.89	334	eP	33 22.00	-3.6X	
BDW	56.61	299	eP	33 38.30	-0.4	
	0.9s	0.68nm		3.7mb		
JCT	56.83	282	eP	33 39.50	-0.7	
	1.0s	4.50nm		4.5mb		
BCAO	57.04	120	eP	33 40.90	-0.9	
	1.0s	5.00nm		4.5mb		
BNG	57.04	120	iPc	33 42.00	0.2	
	0.8s	10.00nm		4.9mb		
NEW	58.21	308	eP	33 49.00	-0.7	
ALQ	58.87	290	eP	33 55.50	0.9	
	1.0s	4.50nm		4.5mb		
EUR	62.46	299	iP	34 20.00	0.9	
	1.0s	3.85nm		4.5mb		
BMN	62.68	301	eP	34 20.90	0.5	
	1.0s	4.25nm		4.6mb		
MHI	64.35	64	iPc	34 31.70	0.3	
QUE	73.04	64	eP	35 26.40	1.0	
	S.D. = 0.8		on	36 of 44 obs.		
%	FEB 04, 1985 19h 54m 15.92± 1.12s					
	40.307 N ±19.8km			30.059 E ± 8.2km		
	DEPTH = 10.0km (geophysicist)					
TURKEY						(366)
GPA	0.19	95	iPg	54 20.20	0.0	
			iSg	54 27.70		
YLV	0.58	297	ePn	54 28.60	0.8	
ISK	1.07	315	iPn	54 35.20	-0.9	
KCT	1.30	268	ePn	54 39.60	-0.5	
CTT	1.50	305	ePn	54 43.40	0.6	
	S.D. = 1.0		on	5 of 5 obs.		
•	FEB 04, 1985 22h 42m 41.73± 0.93s					
	31.768 S ± 6.3km			69.498 W ± 6.4km		
	DEPTH = 149.5 ± 13.0 km					
SAN JUAN PROVINCE, ARGENTINA						(137)
RTCV	0.82	97	ePd	43 04.80	-0.6	
			S	43 19.00		
RTLL	0.98	64	iPd	43 06.00	-0.6	
			S	43 22.80		
CFA	1.09	82	iPd	43 07.50	0.0	
			S	43 24.50		
MDZ	1.24	154	iP	43 10.00	1.0	
			i	43 17.10		
			iS	43 27.20		
JACH	1.30	225	iPd	43 09.20	-0.4	
FCH	1.69	203	iPc	43 14.90	0.9	
			iS	43 38.00		
PEL	1.70	216	iPc	43 13.90	0.1	
			iS	43 35.80		
ROCH	1.75	226	iPc	43 14.20	-0.4	
			iS	43 37.50		
BACH	1.79	208	iPc	43 15.80	1.0	
			iS	43 39.80		
SAN	1.95	210	iP	43 16.00	-0.6	
			iS	43 42.00		
TLL	1.95	325	iPd	43 16.50	-0.4	
PCH	2.04	205	iP	43 18.20	0.5	
			iS	43 46.00		
TACH	2.24	212	iPd	43 19.60	-0.5	
			iS	43 47.50		
CHCH	2.37	204	iPd	43 22.50	0.8	
			iS	43 52.00		
LNV	2.71	216	iPd	43 24.70	-1.2	
			iS	43 55.00		
VCA	3.22	21	ePd	43 34.00	1.4	
			S	44 12.50		
TCA	4.21	85	ePd	43 44.90	-0.6	
			S	44 32.00		
SLA	7.85	28	e(P)	44 49.00	14.5X	
VBA	8.80	137	eP	44 46.70	-0.2	
	S.D. = 0.8		on	18 of 19 obs.		
	FEB 04, 1985 23h 16m 21.02± 0.37s					
	2.046 S ± 4.9km			139.208 E ± 7.3km		
	DEPTH = 33.0km (normol)					
	5.1mb (6 obs.)					
NEAR N. COAST OF WEST IRIAN						(197)
JAY	1.57	107	ePd	16 46.00	-0.9	
MTN	13.38	216	eP	19 29.00	-2.2	
KNA	17.07	216	eP	20 19.00	0.1	
WB2	18.41	195	eP	20 34.80	-0.8	
			i	20 37.70		

```
                eS    23 56.00
WRA    18.41 195 Pd    20 34.90  -0.7
       0.3s     9.40nm          4.4mb
ASPA   22.10 193 eP    21 16.00   0.7
       0.4s   116.00nm          5.7mb
BRS    28.36 154 eP    22 13.00  -1.3
CAN    34.34 166 eP    23 08.70   1.8
MRWA   34.90 217 iPd   23 12.50   0.7
WAM    35.14 166 eP    23 15.10   1.4
BAL    35.51 215 eP    23 17.00   0.1
KLB    35.68 212 iPd   23 18.90   0.5
MUN    36.82 214 eP    23 28.00   0.0
NWAO   37.00 212 eP    23 30.00   0.6
PPI    38.83 272 eP    23 44.50  -0.6
PSI    40.55 277 ePd   23 59.60   0.3
LOE    41.70 299 eP    24 07.00  -1.6
TIA    43.27 334 Pd    24 21.20  -0.1
CHG    44.68 299 eP    24 33.50   0.5
CHTO   44.68 299 eP    24 33.60   0.6
       1.3s     7.76nm          4.4mb
XAN    45.82 324 Pd    24 41.70  -0.2
BJI    46.89 336 eP    24 50.00  -0.1
CD2    47.03 317 eP    24 52.00   0.5
CN2    47.28 346 eP    24 51.80  -1.4
MNG    50.48 144 eP    25 17.80  -0.2
GTA    54.84 323 P     25 51.50   0.9
PKI    59.49 304 eP    26 24.20   0.1
       0.9s    13.00nm          5.1mb
KKN    59.68 304 eP    26 25.60   0.4
       0.8s    36.00nm          5.6mb
HYB    62.80 291 eP    26 45.80  -0.4
GBA    63.17 286 Pd    26 48.30  -0.3
       0.8s    16.80nm          5.2mb
WMO    64.80 321 P     26 59.00   0.0
QUE    75.76 302 iPd   28 05.70  -0.3
MHI    82.92 307 iPc   28 45.90   1.5
SPA    87.97 180 e(P)  29 10.00   1.1
BNG   120.72 274 iPKPd 35 13.00   0.6
       0.6s     6.00nm
KIC   143.80 278 ePKP  35 53.90  -1.7
TPZ   144.06 132 ePKP  36 04.00   7.7X
CNCB  147.27 126 PKP   36 07.00   5.0X
LPB   147.32 125 ePKP  36 09.00   7.1X
      S.D. = 1.0  on  36 of  39 obs.

*  FEB  04, 1985  23h 37m 18.37± 0.87s
   45.259 N ± 5.5km   27.990 E ± 9.8km
   DEPTH =  33.0km  (normal)
   3.2mb (  1 obs.)
 ROMANIA                              (358)

BRD     0.71 292 iPc   37 32.50   0.5
ODB     0.83 308 iP    37 34.00   0.3
ISR     1.03 264 iPc   37 37.30   0.7
VRI     1.08 305 ePd   37 36.00  -1.2
CLI     1.38 339 iPc   37 42.50   0.9
MLR     1.46 280 iPd   37 45.00   2.2X
BAC     1.51 330 iP    37 30.00 -13.4X
PSN     1.58 175 iPc   37 46.00   1.6
                eS     38 07.00
CGN     1.79 233 iP    37 47.20  -0.2
PVL     2.93 225 eP    38 04.00   0.4
JMB     2.97 201 eP    38 12.00   7.7X
DIM     3.66 209 iPc   38 26.00  12.1X
PLD     3.95 218 eP    38 31.00  12.8X
KDZ     4.10 209 iPc   38 21.00   0.8
                iS     39 07.00
VTS     4.36 234 iPd   38 23.00  -1.0
MMB     4.80 222 eP    38 30.00  -0.3
BNT     4.90 181 iPn   38 30.30  -1.4
GPA     5.25 160 iPn   38 36.20  -0.4
VAY     5.58 227 ePn   38 37.00  -4.2X
SKO     5.78 238 eP    39 15.00  30.9X
NB2    18.64 334 P     41 34.40  -0.8
       0.4s     0.70nm          3.2mb
     S.D. = 1.0  on  14 of  21 obs.

&  FEB  04, 1985  23h 47m 35.10s
   37.470 N          118.690 W
   DEPTH =   6.0km  (geophysicist)
 CALIFORNIA-NEVADA BORDER REGION ( 40)
      <PAS-P>. ML 3.0 (PAS).

FRI     0.94 240 eP    47 52.50  -0.9
MNA     1.05  24 eP    47 54.50  -0.9
JAS1    1.45 289 eP    48 00.30  -1.6
VPEM    1.67 155 eP    48 04.50  -0.7
WKTM    1.68 173 iP    48 04.80  -0.5
ISA     1.81 174 iPd   48 07.20   0.1
SLD     2.06 260 eP    48 11.70   1.1
EUR     2.93  46 iP    48 28.50   5.2
        8 obs. associated

*  FEB  05, 1985  00h 06m 58.05± 0.64s
    4.133 S ± 9.8km  138.522 E ±15.7km
   DEPTH =  33.0km  (normal)
   4.8mb (  5 obs.)
 WEST IRIAN                           (201)

MTN    11.33 220 eP    09 45.00   4.3X
WRA    16.24 194 Pd    10 47.40   2.0
       0.4s    35.30nm          4.8mb
CTA    17.56 155 iPd   11 05.00   3.0X
       1.0s    44.00nm          4.5mb
ASPA   19.93 193 eP    11 30.00  -0.1
WBN    24.70 206 iPd   12 16.30  -1.3
BRS    26.83 151 iPd   12 37.50   0.0
YOU    31.36 164 eP    13 17.30  -0.7
CAN    32.51 164 eP    13 27.60  -0.5
WAM    33.30 165 eP    13 34.20  -0.7
CHTO   45.15 302 iP    15 15.00   1.3
       0.6s     2.81nm          4.3mb
PKI    60.10 305 P     17 04.60  -0.6
       0.8s     8.00nm          4.9mb
KKN    60.29 305 iP    17 06.20  -0.2
       0.6s    19.00nm          5.4mb
GBA    63.12 287 P     17 24.10  -1.1
COL    86.86  24 eP    19 40.00  -0.4
CNCB  146.55 129 PKP   26 39.00   1.1
LPB   146.62 129 ePKP  26 39.00   1.2
      S.D. = 1.1  on  14 of  16 obs.

   FEB  05, 1985  01h 22m 10.42± 1.08s
   38.283 N ± 7.8km   22.085 E ± 5.8km
   DEPTH =  27.4 ±  7.4 km
   4.0mb (  6 obs.)
 GREECE                               (364)
      ML 3.5 (ATH).

VLS     1.18 265 ePb   22 31.50   0.3
                eSg    22 48.00
ATH     1.32 103 ePn   22 34.50   1.3
                eSg    22 53.00
LIT     1.84  10 ePnc   22 41.00   0.3
                iSn    23 07.50
KZN     2.04 353 ePn   22 44.50   0.9
PAIG    2.06  37 ePn   22 43.90   0.1
                eSb    23 08.90
THE     2.44  16 ePnc   22 49.10  -0.2
OUR     2.52  35 ePnc   22 50.70   0.3
                eSn    23 21.40
GRG     2.68   5 ePnc   22 53.30   0.6
SOH     2.72  21 ePn    22 54.00   0.8
                eSn    23 27.50
OHR     2.99 341 iPn   23 00.00   2.8X
VAY     3.06   7 iPn   22 58.00   0.0
SRS     3.06  22 ePn   22 58.30   0.2
PRK     3.41  72 ePn   23 03.00   0.0
MMB     3.54  20 iPc   23 04.00  -0.9
SKO     3.72 353 iPn   23 07.00  -0.4
                iPg    23 16.00
                iSn    23 48.00
                iSg    24 03.70
LCI     3.80 304 ePn   23 14.00   5.5X
                e(Sn)  24 25.00
NPS     4.14 136 ePn   23 13.70   0.3
                ePg    23 30.00
KDZ     4.19  36 iPd   23 14.00  -0.1
                iS     24 09.00
PLD     4.31  27 eP    23 21.00   5.2X
VTS     4.40  11 iPc   23 18.00   1.0
PVY     4.60 340 ePn   23 22.00   2.0
                eSn    24 17.50
DIM     4.62  34 eP    23 18.00  -2.1
TTG     4.67 333 ePn   23 23.00   2.1
                eSn    24 18.50
PVL     5.39  25 eP    23 30.00  -1.1
PLE     5.44 339 ePn   23 33.00   1.1
                eSn    24 36.40
BEO     6.65 350 ePn   23 51.30   2.6
                eSg    25 43.00
GPA     6.69  70 iPn   23 48.60  -0.8
DUI     6.76 302 e(Pn) 23 54.00   3.7X
MLR     7.76  21 iP    24 00.00  -4.4X
CEY     9.38 325 eP    24 25.00  -1.8
       1.3s    45.00nm          5.6mb X
                eS     26 09.00
LJU     9.56 327 eP    24 28.30  -1.0
                e(S)   26 15.80
TRI     9.66 323 ePn   24 29.40  -1.2
                e(Sn)  26 12.60
VOY     9.84 324 e(P)  24 32.00  -1.2
                i      24 34.10
                eS     26 22.00
KBA    10.89 327 e(P)  24 47.50  -0.1
                i      25 08.70
CTI    10.95 318 ePn   24 46.50  -2.6
                eSn    26 45.50
KHC    12.46 333 eP    25 10.00   1.3
LBF    15.88 309 iPd   26 00.10   6.5X
       1.1s    20.30nm          4.2mb
AVF    16.19 308 eP    26 03.00   5.6X
       1.0s     7.00nm          3.7mb
SSF    16.21 309 iPd   26 03.97   6.3X
       1.0s     8.80nm          3.8mb
BGF    16.41 306 iPd   26 05.60   5.3X
       0.9s    12.10nm          4.0mb
NUR    22.31   3 eP    27 11.00   4.1X
NB2    23.78 347 P     27 19.20  -2.1
       0.9s     3.50nm          3.9mb
EKA    24.07 323 P     27 26.00   1.9
       0.8s     9.30nm          4.4mb
SUF    24.59   5 eP    27 29.00  -0.1
KJF    26.17   6 eP    27 54.00  10.1X
BNG    33.84 186 ePc   28 32.70 -20.0X
       0.8s     7.00nm
                id     29 02.90
                id     29 46.00
     S.D. = 1.3  on  34 of  46 obs.

*  FEB  05, 1985  01h 29m 18.49± 1.65s
   35.079 N ±18.7km   24.403 E ±10.2km
   DEPTH =  80.5 ± 12.6 km
   4.0mb (  9 obs.)
 CRETE                                (370)

NPS     1.01  79 ePn   29 38.60   0.7
                eSb    30 03.00
ATH     2.94 349 ePn   30 05.00   1.1
                eSn    30 47.50
                eSb    30 56.00
                eSg    31 05.50
VLS     4.35 316 ePb   30 30.00   6.4X
ELL     4.77  68 ePn   30 29.20  -0.3
KZN     5.62 339 ePn   30 41.00  -0.3
OHR     6.66 336 ePn   30 53.60  -2.1
VOY    13.53 327 eP    32 28.00  -0.3
                e      32 36.30
                e      32 50.10
KHC    16.15 334 P     33 05.00   3.2X
       1.0s    14.00nm          4.1mb
                e      33 21.50
PRU    16.55 337 eP    33 10.30   3.5X
GRC1   16.84 330 ePn   33 13.80   3.4X
LBF    19.40 314 eP    33 40.60  -0.1
AVF    19.68 313 eP    33 42.80  -0.7
       0.8s     2.70nm          3.6mb
WLF    19.78 323 P     33 48.50   4.0X
TCF    20.14 310 eP    33 48.20  -0.2
LPO    20.18 305 eP    33 48.10  -0.6
       0.7s     3.30nm          3.8mb
RJF    20.18 307 eP    33 48.10  -0.7
LSF    20.55 310 eP    33 53.00   0.4
       0.8s     3.70nm          3.8mb
LFF    20.56 306 eP    33 52.10  -0.6
       0.8s     5.90nm          4.6mb
DOU    20.83 322 P     33 56.10   0.8
LDF    22.60 314 eP    34 13.40   0.5
FLN    22.89 314 eP    34 16.20   0.5
       0.6s     5.40nm          4.1mb
LPF    22.90 312 eP    34 17.20   1.4
       0.8s     7.40nm          4.1mb
GRR    22.94 313 eP    34 17.40   1.2
NB2    27.32 346 P     34 56.40  -0.9
       0.5s     2.60nm          4.0mb
SUF    27.69   2 eP    35 02.00   1.5
KKN    51.76  80 eP    38 19.00  -1.2
       0.6s     8.00nm          4.9mb
     S.D. = 1.0  on  21 of  26 obs.

*  FEB  05, 1985  03h 13m 23.36± 1.69s
```

05d 03h

33.489 S ±10.0km 70.752 W ±12.3km
DEPTH = 103.1 ± 15.0 km
CHILE-ARGENTINA BORDER REGION (127)

SAN	0.08	65	iPc	13	37.50	-0.5
			iS	13	46.50	
TACH	0.23	223	iPc	13	37.90	-0.5
PCH	0.24	124	iPd	13	38.30	-0.2
			iS	13	46.70	
BACH	0.26	58	iPc	13	38.60	0.0
PEL	0.35	9	iPc	13	38.90	0.1
			iS	13	46.50	
FCH	0.42	68	iP	13	39.90	0.3
CHCH	0.45	169	iPd	13	40.00	0.6
ROCH	0.56	337	iPc	13	40.20	-0.2
			iS	13	50.30	
LNV	0.72	230	iPc	13	41.60	0.2
			iS	13	53.50	
JACH	0.82	9	iPd	13	43.00	0.5
TCA	5.63	69	ePc	14	46.00	-0.2

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

• FEB 05, 1985 07h 22m 21.09± 0.98s
33.001 S ±12.2km 68.772 W ± 8.7km
DEPTH = 10.0km (geophysicist)
MENDOZA PROVINCE, ARGENTINA (139)

MDZ	0.13	331	iP	22	24.20	-0.2
			iS	22	28.40	
FCH	1.31	255	iPd	22	44.20	-1.4
			iS	23	03.60	
BACH	1.48	256	eP	22	47.50	-0.4
			iS	23	08.00	
JACH	1.57	281	iPc	22	49.20	0.1
			iS	23	12.50	
PCH	1.58	247	eP	22	49.50	0.2
			iS	23	14.40	
CHCH	1.83	239	iPc	22	53.40	0.6
ROCH	1.88	270	eP	22	55.00	1.2
TCA	3.91	66	ePd	23	22.50	-0.1
			S	24	19.50	

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

FEB 05, 1985 07h 41m 25.98± 0.42s
5.096 S ± 3.3km 151.380 E ± 3.2km
DEPTH = 165.7 ± 4.0 km
5.1mb (22 obs.)
NEW BRITAIN REGION (192)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 8S, 17C
Centroid Location:
Origin Time 07:41:28.2 1.0
Lat 5.38S 0.09 Lon 151.74E 0.08
Dep 164.1 2.1 Half-duration 1.7
Moment Tensor; Scale 10**24 D-CM
Mrr= 1.24 0.08 Mtt=-0.76 0.08
Mff=-0.49 0.09 Mrt= 0.41 0.07
Mrf= 0.27 0.08 Mtf=-0.42 0.10
Principal Axes:

	Val=	Plg=	Azm=
T	1.34	78	327
N	-0.18	1	234
P	-1.16	12	144

Best Double Couple:Mo=1.3*10**24
NP1:Strike=233 Dip=33 Slip= 89
NP2: 55 57 91

RAB	1.19	41	iPc	41	53.10	-1.1
BGA	3.92	106	iPd	42	25.50	-0.3
			eS	43	08.00	
PAA	4.26	107	iPd	42	29.40	-1.4
			eS	43	18.00	
LAV	4.62	250	eP	42	40.00	4.5X
MOM	5.00	307	iPd	42	41.00	0.6
ALQA	5.26	191	eP	42	43.00	-0.9
MDG	5.58	268	eP	42	50.50	2.4
PMG	5.99	224	eP	42	55.00	1.4
SVO	9.29	116	eP	43	37.00	-0.4
HNR	9.53	117	ePd	43	40.00	-0.5
			e(S)	46	40.00	
JAY	10.96	283	ePd	44	01.80	2.5
CTA	15.72	198	iPd	45	01.40	1.6
	0.8s	107.46nm			5.3mb	
			iS	47	56.00	
GUA	19.59	341	eP	45	44.00	0.4
	0.9s	564.71nm			6.0mb	
			eS	49	20.00	

GUMO	19.66	341	eP	45	44.30	0.1
KOU	19.84	142	iPd	45	45.40	-0.6
PVC	20.79	129	iPc	45	56.00	0.4
MTN	21.42	248	eP	46	02.00	0.1
WB2	22.19	227	iPc	46	10.00	0.6
			eS	50	01.20	
WRA	22.20	227	Pc	46	09.90	0.4
	0.5s	74.00nm			5.4mb	
BRS	22.21	177	iPc	46	10.40	0.8
			i	46	35.00	
NOU	22.48	141	iPd	46	12.30	0.2
KNA	24.60	243	eP	46	32.00	-0.5
ASPA	24.99	221	iPc	46	35.90	-0.2
COO	25.35	179	eP	46	40.00	0.6
CMS	26.77	191	eP	46	52.00	-0.2
STK	28.18	198	eP	47	04.00	-1.0
YOU	29.17	185	eP	47	13.90	0.1
CAN	30.16	184	eP	47	22.60	0.1
WAM	31.03	184	eP	47	31.30	1.2
WBN	31.63	226	iPc	47	35.10	-0.4
PPR	35.73	294	iPc	48	11.90	1.2
	1.0s	172.50nm			5.7mb	
BAG	37.21	306	eP	48	23.00	-0.3
			eS	54	02.00	
MEK	37.95	232	iPc	48	28.70	-0.5
KLG	38.01	224	eP	48	29.00	-0.7
	0.4s	28.00nm			5.3mb	
NAU	38.76	240	iPd	48	35.60	-0.4
	0.4s	9.00nm			4.8mb	
KRP	39.40	149	eP	48	41.00	0.0
KLB	41.08	226	iPc	48	53.20	-1.7
	0.4s	29.00nm			5.2mb	
MRWA	41.17	230	iPc	48	55.20	-0.5
BAL	41.32	228	iPc	48	56.00	-1.0
	0.4s	20.00nm			5.1mb	
MNG	41.46	152	P	48	57.20	-0.8
NWAO	42.18	225	eP	49	03.00	-0.9
MUN	42.40	227	iPc	49	04.50	-1.2
RKG	42.97	223	eP	49	12.00	1.7
	0.6s	23.00nm			5.0mb	
QZH	43.68	315	eP	49	18.20	2.0
SSE	46.11	323	eP	49	34.00	-1.3
			e(S)	56	12.00	
GZH	46.52	309	Pd	49	40.60	1.9
KGM	48.53	277	ePc	49	54.30	-0.2
WHN	50.10	317	eP	50	07.00	0.8
IPM	51.20	280	iPd	50	14.00	-0.9
	0.9s	51.00nm			5.2mb	
TIA	52.12	325	eP	50	20.20	-1.2
			PcP	51	29.90	
PSI	52.97	277	iPd	50	21.20	-6.7X
	0.9s	35.00nm			5.1mb	
MDJ	53.21	341	eP	50	26.50	-2.7
GYA	53.46	308	Pd	50	32.00	0.5
CN2	54.00	337	Pc	50	33.40	-1.6
			pP	51	16.00	188kmX
			sP	51	33.60	
NNT	54.25	289	eP	50	37.00	-0.3
BJI	55.37	327	eP	50	43.50	-1.4
XAN	55.87	317	Pc	50	47.40	-1.4
TIY	55.90	323	P	50	48.40	-0.5
KHT	55.92	292	eP	50	49.30	0.0
KMI	55.99	305	Pc	50	50.00	0.0
CHG	56.84	296	iPc	50	55.80	0.0
	1.1s	22.15nm			4.9mb	
CHTO	56.84	296	eP	50	55.60	-0.2
	1.4s	33.17nm			5.0mb	
CD2	57.86	311	Pc	51	02.50	-0.3
BTO	59.20	324	eP	51	11.00	-1.0
LZH	60.46	317	eP	51	20.50	-0.2
GTA	64.92	318	iPc	51	50.00	0.0
SHL	65.24	301	iP	51	52.00	-0.4
PKI	71.37	301	iPc	52	29.80	-0.7
	1.0s	58.00nm			5.3mb	
KKN	71.54	301	iPc	52	31.00	-0.4
	0.8s	60.00nm			5.4mb	
WMO	75.00	318	iP	52	51.00	0.0
KOD	75.16	282	eP	52	53.00	0.3
HYB	75.25	289	ePc	52	51.50	-1.3
	1.0s	30.00nm			5.0mb	
GBA	75.69	285	Pc	52	54.40	-0.8
	1.0s	44.10nm			5.1mb	
NDI	78.66	300	iPc	53	09.50	-1.9
	0.8s	29.85nm			5.1mb	
COL	82.69	22	iP	53	30 20	-1.7
	0.8s	19.78nm			4.9mb	
			e	54	10.00	

WDC	90.30	49	eP	54	09.90	0.5
MIN	90.99	50	eP	54	12.20	-0.6
ORV	90.99	51	eP	54	12.70	0.1
JAS1	91.68	52	eP	54	16.40	0.6
FRI	92.16	53	eP	54	18.70	0.7
ISA	93.05	55	eP	54	23.00	0.7
PAS	93.20	56	eP	54	24.00	1.1
MWC	93.30	56	eP	54	25.00	1.4
CWC	93.43	54	eP	54	25.00	0.9
MNA	93.49	52	eP	54	25.30	1.0
SBB	93.52	56	eP	54	26.00	1.6
CLC	93.78	55	eP	54	26.00	0.4
RVR	93.85	56	eP	54	27.00	1.2
PLM	94.24	57	eP	54	29.00	1.1
GSC	94.39	55	eP	54	29.00	0.6
TPC	94.95	56	eP	54	33.00	2.0
EUR	95.25	51	iP	54	33.00	0.5
	0.4s	8.00nm			5.4mb	
YKA	96.35	28	P	54	36.80	0.2
EDM	97.21	37	ePc	54	40.80	0.0
BDW	100.08	48	ePdiff	54	53.70	-0.7
	0.9s	2.39nm			4.7mb	
			pP	55	34.70	
ALQ	102.87	55	ePdiff	55	09.00	2.1
	0.9s	2.94nm			5.1mb	
MTD	116.67	248	iPKPc	59	52.00	-1.1
			i	00	33.00	
NB2	116.70	340	PKP	59	48.60	-3.2X
	0.9s	4.30nm				
BUL	118.45	244	iPKPc	59	56.00	-0.4
	0.8s	9.33nm				
			i	00	37.00	
KRI	118.48	248	ePKP	59	48.00	-8.6X
BRG	122.21	330	iPKP	00	02.10	-0.4
	1.0s	12.00nm				
CLL	122.42	330	ePKP	00	02.00	-0.8
	0.9s	14.00nm				
KHC	123.45	328	iPKPc	00	04.50	-0.5
	0.9s	10.80nm				
EKA	125.89	342	PKP	00	09.00	-0.5
	0.6s	7.80nm				
ENN	126.10	334	ePKP	00	10.00	-0.1
	1.0s	21.00nm				
MEM	126.18	333	PKPd	00	09.80	-0.4
OSS	126.78	327	ePKPd	00	11.40	-0.4
WLF	126.78	332	PKP	00	12.00	0.6
SAX	126.84	328	ePKPd	00	11.20	-0.8
DOU	127.17	334	PKPd	00	12.30	0.2
VDL	127.26	328	ePKPd	00	12.10	-0.6
LLS	127.27	328	ePKPd	00	12.20	-0.5
BSF	127.75	330	iPKPd	00	13.20	-0.3
	1.0s	24.00nm				
HAU	127.85	331	iPKPd	00	13.30	-0.2
	0.6s	6.10nm				
MMK	128.34	328	ePKPd	00	14.50	-0.3
DIX	128.61	328	ePKPd	00	15.30	-0.1
LOR	129.56	332	ePKP	00	17.10	0.3
LBF	129.71	331	ePKP	00	17.30	0.2
CVF	130.04	324	iPKPd	00	18.70	0.8
	1.0s	16.00nm				
FLN	130.34	336	iPKPd	00	19.00	0.8
BGF	130.55	332	iPKPd	00	19.00	0.3
	0.9s	12.70nm				
FRF	130.68	326	iPKPd	00	19.00	0.0
GRR	130.79	336	iPKPd	00	19.30	0.2
	0.8s	7.70nm				
LMR	130.90	326	iPKPd	00	20.30	0.9
LRG	130.91	326	ePKP	00	20.00	0.6
	0.6s	7.50nm				
MZF	130.93	332	iPKPd	00	20.00	0.6
	1.0s	8.10nm				
TCF	131.05	332	iPKPd	00	20.20	0.5
	1.0s	17.80nm				
LPF	131.15	336	iPKPd	00	20.30	0.6
	0.8s	12.40nm				
MFF	131.88	334	iPKPd	00	21.50	0.3
BNG	133.00	271	iPKPd	00	23.80	-0.5
	0.8s	25.00nm				
			ic	01	06.70	
CNCB	135.42	120	ePKP	00	17.00	-12.5X
LPB	135.44	120	ePKP	00	15.00	-14.4X
SDV	138.15	82	e(PKP)	00	26.30	-8.0X
CUM	144.40	79	iPKPc	00	42.20	-2.8X
KIC	156.21	274	ePKP	01	02.20	-0.6
			e	01	12.20	
			e	01	31.70	
ITR	163.12	145	ePKP	01	10.80	0.5

S.D. = 0.9 on 128 of 136 obs.

% FEB 05, 1985 08h 02m 18.98± 4.62s
33.981 S ±24.9km 70.313 W ±24.4km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)

CHCH	0.29	279	iPc	02	24.00	-1.0
			iS	02	34.50	
PCH	0.40	335	iPd	02	27.20	0.1
			iS	02	39.50	
TACH	0.61	302	eP	02	30.50	-0.9
			iS	02	45.00	
BACH	0.64	347	iPc	02	31.90	0.0
FCH	0.65	2	iP	02	31.50	-0.7
LNV	0.91	271	iPd	02	37.50	1.1
			iS	02	49.00	
ROCH	1.16	330	eP	02	42.30	1.4
			iS	03	03.00	
JACH	1.32	350	iP	02	43.50	0.1
			iS	03	09.60	

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

? FEB 05, 1985 08h 28m 58.06± 2.13s
5.374 S ±14.7km 103.274 E ±18.5km
DEPTH = 76.1 ± 16.7 km
4.8mb (4 obs.)
SOUTHERN SUMATERA (274)

KGM	7.34	0	eP	30	45.00	0.3
PSI	9.12	331	eP	31	10.00	0.9
IPM	10.14	347	ePc	31	27.80	4.7X
			e	34	23.70	
KHT	20.56	347	eP	33	31.30	-1.6
PPR	21.53	46	eP	33	48.00	5.3X
CHTO	24.41	350	eP	34	11.00	0.2
	0.7s	7.94nm			4.3mb	
	Z 19s	0.34um			3.9Msz	
WRA	33.50	118	Pc	35	31.90	-0.6
	0.9s	12.70nm			4.8mb	
WB2	33.51	118	eP	35	31.70	-0.9
CD2	36.08	1	eP	35	55.00	0.6
PKI	37.02	333	eP	36	01.00	-1.7
	0.5s	6.00nm			4.8mb	
KKN	37.27	333	eP	36	04.80	0.2
	0.5s	22.00nm			5.3mb	
XAN	39.56	7	eP	36	23.60	0.1
NDI	42.14	325	eP	36	43.50	-1.2
GTA	44.67	356	iPd	37	11.90	6.7X
YOU	50.65	131	eP	37	51.80	0.0
WMQ	50.95	346	iP	37	55.00	1.1
CAN	51.54	132	eP	37	59.10	0.6
CN2	52.88	20	P	38	08.00	-0.3
			i	38	20.00	
YKA	116.57	19	PKP	47	35.30	0.8
ALQ	139.76	39	ePKP	48	20.20	0.4
	1.0s	2.75nm				
TUL	144.91	27	ePKP	48	28.60	0.1
	1.0s	11.30nm				
RLO	145.04	26	iPKP	48	28.60	-0.1
LTX	145.12	44	ePKP	48	30.90	1.8X
			pP	48	42.80	
JCT	146.90	38	ePKP	48	33.00	1.0
	1.0s	30.00nm				
			i	48	48.00	

S.D. = 0.9 on 20 of 24 obs.

? FEB 05, 1985 08h 56m 09.29± 1.36s
3.634 S ±24.9km 80.607 W ±33.7km
DEPTH = 33.0km (normal)
4.2mb (3 obs.)
PERU-ECUADOR BORDER REGION (110)

ARE	15.58	146	eP	59	52.00	3.5X
ZOBO	17.56	137	eP	00	12.70	-1.1
	0.7s	3.29nm			3.6mb	
LPB	17.76	137	Pc	00	17.00	0.8
	1.0s	46.00nm			4.6mb	
			S	04	38.00	
			eLR	07	12.00	
CNCB	18.03	137	iP	00	20.00	0.3
			S	04	44.00	
TPZ	21.16	148	eP	01	12.00	17.5X
RLO	41.83	342	e(P)	04	10.30	12.6X
TUL	41.83	341	eP	04	13.20	15.5X
	0.8s	7.50nm				
ITR	42.22	99	eP	04	01.20	-0.1
ALQ	45.41	330	eP	04	27.00	-0.1
	1.0s	3.75nm			4.3mb	
KIC	76.39	83	eP	07	58.00	0.2

S.D. = 0.8 on 6 of 10 obs.

% FEB 05, 1985 09h 27m 44.24± 2.63s
39.618 N ±29.0km 27.380 E ±11.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EDC	0.82	27	ePn	28	00.10	0.0
EZN	0.84	285	iPn	28	00.30	-0.1
BNT	0.85	29	iPn	28	01.10	0.5
KCT	0.98	50	ePn	28	01.50	-1.4
YLV	1.80	58	ePn	28	16.50	0.9

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

• FEB 05, 1985 09h 37m 22.89± 1.95s
24.942 N ±15.6km 122.173 E ±16.9km
DEPTH = 80.8 ± 10.5 km
TAIWAN REGION (243)

TATO	0.62	273	iPc	37	38.00	0.0
			eS	37	48.50	
ANP	0.64	292	iPc	37	39.00	0.7
	0.8s	895.52nm				
QZH	3.25	271	iPnd	38	10.60	-2.0
			Sn	38	44.10	
			Sg	38	53.90	
SSE	6.19	352	P	38	53.50	-0.1
			e(Lg)	40	11.00	
NJ2	7.66	338	ePn	39	12.80	-1.0
			eSn	46	38.00	
GZH	8.28	259	eP	39	23.00	0.6
WHN	8.90	311	eP	39	32.00	1.2
TIA	12.04	340	P	40	16.30	3.2X
GYA	14.07	279	P	40	40.60	0.8
XAN	14.66	311	Pd	40	48.00	0.6
CD2	17.32	294	eP	41	20.00	-0.9
GTA	23.71	313	e(P)	42	38.80	10.4X
YKA	81.92	23	P	49	34.60	0.1

S.D. = 1.1 on 11 of 13 obs.

FEB 05, 1985 11h 48m 18.50± 0.24s
4.892 N ± 4.7km 78.334 W ± 5.0km
DEPTH = 26.3km (8 depth phases)
5.1mb (21 obs.) 4.3Msz (2 obs.)
SOUTH OF PANAMA (83)

CHN	2.71	88	iP	49	01.00	-0.4
PSO	3.81	165	eP	49	16.50	-0.8
UPA	4.23	344	iPd	49	19.00	-3.9X
	1.0s	180.00nm				
			iS	50	07.50	
BOG	4.26	93	eP	49	26.00	2.4
			eS	50	19.00	
BMG	5.66	67	iP	49	44.00	0.8
SDV	8.61	62	eP	50	24.80	0.1
TOV	9.77	60	ePn	50	40.80	0.3
SJG	17.73	41	e(P)	52	07.00	-18.4X
VHO	21.80	306	iPd	53	11.50	0.7
ARE	22.27	162	eP	53	15.00	-0.6
PIO	22.53	302	eP	53	19.00	1.2
ZOBO	23.33	155	eP	53	25.50	-0.8
	1.3s	18.93nm			4.5mb	
LPB	23.57	155	P	53	28.90	0.4
	1.3s	153.85nm			5.4mb	
	Z 18s	1.72um			4.6Msz	
			S	57	54.00	
			LR	00	22.00	
CNCB	23.87	155	P	53	32.00	0.5
			S	57	49.80	
TPM	24.60	306	iPd	53	42.00	3.8X
IIC	25.18	308	eP	53	46.50	2.6
OXM	25.27	306	eP	53	46.50	1.7
ATB	27.32	107	ePd	54	01.40	-2.0
TPZ	27.84	161	iP	54	18.90	10.5X
SLA	31.98	158	ePc	54	44.80	-0.2
JCT	32.51	324	eP	54	48.20	-1.3
	1.2s	24.22nm			5.0mb	
LTX	34.14	318	eP	55	03.90	0.2
			pP	55	13.20	32km
RLO	34.71	336	iP	55	07.20	-1.2
			e	55	14.70	26km
			e	56	08.20	
FVM	34.73	343	eP	55	07.00	-1.6
	0.7s	21.77nm			5.2mb	
TUL	34.81	335	iPd	55	08.50	-0.7
	1.2s	61.40nm			5.4mb	
	Z 22s	0.42um			4.1Msz	
	N 23s	0.26um				
	E 22s	0.24um				
			e	55	16.50	27km
			e	56	14.80	
TLL	35.60	169	ePc	55	16.60	0.3
TCA	38.34	161	ePd	55	39.70	0.5
MDZ	38.63	167	eP	55	43.20	1.6
TACH	38.97	170	iPc	55	45.10	0.8
ALQ	39.62	323	eP	55	49.80	-0.2
	1.0s	16.25nm			4.7mb	
OTT	40.41	3	eP	55	57.00	1.6
MNT	40.66	5	iPd	56	02.10	4.2X
ITR	42.04	109	eP	56	08.20	-1.7
			e	56	22.50	55kmX
GLD	42.35	329	eP	56	13.20	0.9
LHC	44.36	350	eP	56	27.50	-0.8
RSSD	45.14	334	eP	56	35.40	0.5
	1.5s	54.57nm			5.3mb	
			pP	56	43.10	26km
MSU	45.43	322	P	56	37.70	0.4
DAU	46.11	325	P	56	43.10	0.4
BDW	46.79	328	eP	56	47.80	-0.2
	1.4s	339.53nm			6.2mb X	
			pP	56	56.10	28km
DUG	46.87	324	P	56	49.10	0.5
	1.0s	32.50nm			5.3mb	
RSON	47.59	347	iP	56	53.80	-0.1
	0.7s	11.67nm			5.0mb	
			pP	57	00.50	22km
IMW	48.29	329	P	56	59.30	-0.6
EUR	48.37	321	iP	57	00.60	0.1
	1.0s	3.85nm			4.4mb	
MNA	49.20	318	eP	57	07.20	0.5
HPI	49.31	327	P	57	08.10	0.4
BMN	49.70	321	P	57	10.90	0.3
	1.0s	15.13nm			5.0mb	
LRM	50.40	329	eP	57	16.10	0.1
ORV	52.00	318	eP	57	28.40	0.5
SES	53.01	334	eP	57	34.00	-1.3
NEW	54.41	329	eP	57	44.00	-1.6
EDM	56.06	335	eP	57	55.50	-2.0
	1.0s	68.00nm			5.6mb	
RSNT	63.37	342	eP	58	46.10	-1.4
	1.0s	32.00nm			5.4mb	
			pP	58	53.60	24km
YKA	63.38	342	P	58	46.40	-1.3
KIC	73.20	85	eP	59	48.80	-0.9
PMF	76.60	332	eP	00	08.30	0.1
	1.0s	12.50nm			4.9mb	
COL	76.95	336	eP	00	10.00	-0.2
	1.5s	45.83nm			5.3mb	
F8A	76.95	336	eP	00	10.40	0.2
DAG	78.54	12	iPd	00	20.00	1.3
	1.2s	23.44nm			5.1mb	
IMA	79.62	336	eP	00	24.70	-0.2
	1.0s	6.30nm			4.6mb	
NB2	85.54	29	P	00	54.00	-1.4
	1.4s	21.90nm			5.2mb	
MOX	86.22	40	eP	01	01.00	2.0
CLL	87.06	39	ePc	01	04.00	1.0
	1.9s	29.00nm			5.2mb	
KBA	87.60	43	eP	01	06.50	0.5
	1.0s	7.00nm			4.9mb	
			i	01	15.00	27km
BRG	87.68	39	eP	01	06.90	0.9
	1.5s	20.00nm			5.2mb	
GTA	135.89	2	ePKP	07	39.80	0.5
XAN	140.68	350	ePKP	07	47.80	-0.4
ASPA	143.76	236	ePKP	07	51.00	-2.8X
KKN	143.86	25	ePKP	07	51.10	-3.1X
	1.0s	30.00nm				
PKI	144.11	25	ePKP	07	51.60	-3.1X
	1.0s	30.00nm				
CD2	144.34	357	PKP	07	54.00	-0.6
WB2	144.85	242	iPKPd	07	53.90	-1.8
WRA	144.86	242	PKPc	07	54.40	-1.4
	1.1s	74.60nm				
WBN	148.15	226	ePKP	08	03.00	2.0X
HYB	148.18	45	ePKP	08	03.40	2.1X
GYA	148.46	351	PKP	08	02.60	1.0
NWAO	148.55	206	ePKP	08	05.00	3.6X
KLB	149.44	208	ePKP	08	06.00	3.1X
G8A	149.73	52	PKPd	08	08.10	4.5X
	0.8s	17.10nm				

05d 12h

```
MUN   149.80 205 ePKP   08 07.00    3.6X
KMI   150.15 358 ePKP   08 04.50    0.1
BAL   150.76 207 ePKP   08 09.00    4.1X
KOD   151.60  58 ePKP   08 12.00    5.1X
PSI   171.98  20 ePKP   08 27.00    0.4
      S.D. = 1.0  on  67 of  83 obs.

%  FEB  05, 1985  12h 12m 33.14± 1.01s
   44 486 N ± 9.2km    6.402 E ±12.8km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                              (538)
      ML 2.9 (LDG).

FRF      0.94 169 Pg     12 51.20    0.1
                 Sg     13 04.10
LRG      1.03 182 Pg     12 52.60    0.0
                 Sg     13 08.00
LMR      1.15 176 Pg     12 54.80    0.1
                 Sg     13 10.20
CVF      2.63 136 Pn     13 16.20   -0.1
                 Sn     13 46.00
SMF      2.81 321 Pn     13 19.10    0.2
                 Pg     13 28.60
                 Sg     14 01.80
CAF      3.12 280 Pn     13 23.20   -0.2
      S.D. = 0.2  on   6 of   6 obs.

*  FEB  05, 1955  15h 07m 24.22± 1.08s
   20.637 S ± 6.9km  177.749 W ± 9.6km
   DEPTH = 553.7 ± 10.0 km
   5.3mb ( 17 obs.)
 FIJI ISLANDS REGION                 (181)
      CENTROID, MOMENT TENSOR        (HRV)
      Data Used: GDSN
      L.P.8.:  9S, 13C
      Centroid Location:
      Origin Time        15:07:28.7 1.4
      Lat 20.96S 0.13 Lon 177.95W 0.13
      Dep 533.2 5.8 Half-duration  1.4
      Moment Tensor; Scale 10**23 D-CM
        Mrr=-5.69 0.64  Mtt= 8.55 1.03
        Mff=-2.86 0.96  Mrt= 2.49 1.02
        Mrf=-5.14 1.34  Mtf=-1.30 1.14
       Principal Axes:
        T  Val=  9.39  Plg=13  Azm= 12
        N        0.29       33      110
        P       -9.68       53      263
      Best Double Couple:Mo=9.5*10**23
       NP1:Strike= 66 Dip=43 Slip=-143
       NP2:       308      66      -53

SGE      5.09 306 iPd    08 55 90    0.0
                 eS     09 11.00
NUE      7.52  79 P      09 17.00   -1.2X
                 S      11 00.00
AFI      8.79  41 P      09 26.00   -4.9X
                 S      11 02.00
PVC     13.48 280 iPc    10 18.50    0.4
NOU     14.80 261 iPd    10 31.80    0.5
                 iS     13 10.00
KOU     16.83 267 iPd    10 53.70    2.7
KRP     18.19 197 P      11 07.10    3.1X
MNG     20.74 195 P      11 26.80   -1.1
                 S      14 45.00
TCW     21.60 197 P      11 35.20   -0.5
                 eS     14 56.00
BRS     27.71 250 iPd    12 31.00    0.8
COC     29.03 244 iPd    12 42.50    0 8
        @ 3s    17.00nm          5.2mb
CAN     32 63 236 eP     13 13.20    1.0
YCL     32.82 238 eP     13 13.80    0.1
WAM     32.99 235 iPd    13 16.50    1.4
CTA     33.71 264 iPd    13 21.40    0.1
        0 5s   207.04nm          6.0mb
LMG     34.89 284 eP     13 30.50   -0.9
PMG     35.61 283 iPd    13 36.70   -0.4
        0 9s   201.68nm          5.8mb
TOO     36 01 234 eP     13 41.00    0.8
LAT     36.86 287 eP     13 47.50    0.1
STK     37.94 244 iPd    13 57.00    0.9
        0.4s    27.00nm          5.2mb
BFO     38.15 236 eP     13 41.00  -16.8X
                 eS     31 48.00
MOM     38.69 294 iPd    14 02.10   -0 2
JAY     44.31 288 ePd    14 45.70   -1.4
ASPA    44.72 257 iPd    14 49.60   -0.6
        0.6s   244.00nm          5.9mb

                 e      20 45.00
WB2     44.80 262 iPd    14 49.80   -1.0
                 e      18 21.50
                 eS     20 52.20
WRA     44.81 262 Pc     14 50.30   -0.6
        0.9s    85.30nm          5 3mb
MTN     49.40 271 eP     15 24.00   -1.7
        0.5s   112.00nm          5.7mb
KNA     50.86 266 iPc    15 35.50   -0.9
WBN     51.08 253 iPd    15 37.20   -0.7
        0.5s   110.00nm          5.5mb
KLG     55.13 246 eP     16 06.00   -0.7
MBL     57.96 257 iPd    16 25.10   -1.1
MEK     58.16 251 iPc    16 26.20   -1.4
KLB     58.21 245 iPd    16 27.10   -0.7
NWAO    58.52 243 eP     16 29.60   -0.3
RKG     58.60 242 eP     16 30.00   -0.5
        0.6s    23.00nm          4.7mb
BAL     59.22 246 iPd    16 33.90   -0.7
MUN     59.48 244 iPd    16 35.80   -0.5
MRWA    60.01 247 iPd    16 39.30   -0.5
NAU     61.62 255 iPd    16 50.40    0.0
        0.4s    38.00nm          5.2mb
CGP     63.52 291 iPc    17 01.50   -1.1
PPR     69.36 289 ePd    17 38.30   -0.3
MAT     70.46 324 iPd    17 43.20   -1.5
        0.7s    23.29nm          4.8mb
TATO    74.45 305 eP     18 06.90   -0.8
OZH     76.68 303 iPc    18 19.60   -0.4
GZH     79.99 299 Pd     18 38.40    0.9
NJ2     80.15 310 Pd     18 38.30    0.1
KGM     80.36 276 ePd    18 40.80    1.1
MDJ     80.76 325 eP     18 41.30    0.2
CN2     82.55 322 Pd     18 49.50   -0.6
                 epP    20 53.00 575kmX
WHN     82.71 306 eP     18 51.00   -0.2
IPM     83.42 277 iPd    18 56.10    1.0
        0.8s    62.00nm          5.2mb
TIA     83.54 312 Pd     18 55.10   -0.2
PSI     84.70 275 iPc    19 01.50    0.1
        0.7s    23.70nm          4.9mb
BJI     86.15 315 eP     19 07.00   -0.8
GYA     86.92 300 P      19 12.40    0.4
NNT     87.52 284 eP     19 16.60    1.8
LOE     87.53 290 eP     19 15.00    0.2
TIY     87.54 312 eP     19 15.50    0.9
COL     88.32  12 eP     19 16.00   -1.5
        0.8s    5.60nm          4.5mb
                 pP     21 17.10 550kmX
XAN     88.40 307 Pd     19 19.40    0.8
KMI     89.62 297 Pd     19 25.50    0.8
BDT     89.89 288 iPd    19 24.90   -0.7
        0.5s    32.80nm          5.5mb
CHG     90.51 290 iPd    19 30.00    1.4
        0.7s    17.12nm          5.1mb
CHTO    90.51 290 iPd    19 30.10    1.6
        0.7s    15.72nm          5.1mb
CD2     91.06 303 eP     19 32.40    1.5
ITR    130.48 122 ePKP   25 34.40    0.0
BUL    131.96 214 ePKP   25 37.00   -0.2
MTD    132.97 220 ePKP   25 39.00   -0.1
KJF    133.24 345 iPKP   25 38.60    0.5
        0.6s    10.40nm
SUF    134.87 345 ePKP   25 38.00   -3.2X
NUR    137.13 344 ePKP   25 35.00  -10.6X
                 e      25 46.00
NB2    139.14 353 PKP    25 38.50  -10.8X
        0.8s     2.40nm
MUD    143.86 353 iPKPc  25 56.30   -1.2
        0.5s    23.50nm
EKA    145.12   5 PKP    26 00.00    0.3
        1.1s    19.20nm
KRA    147.46 339 iPKPc  26 07.00    3.3X
WIT    147.70 355 ePKP   26 08.50    4.6X
CLL    148.25 347 ePKP   26 06.00    1.1
                 i      26 09.10
                 pPKP   28 19.00
BRG    148.45 346 ePKP   26 05.70    0.5
                 id     26 10.00
                 ic     26 14.50
WTS    148.50 355 iPKPd  26 10.00    4.8X
        0.8s    31.00nm
JOS    148.56 336 ePKPd  26 10.40    4.9X
        0.8s    20.00nm
PRU    149.13 344 PKP    26 11.10    4.8X
                 e      26 17.50
MOX    149.15 348 iPKPc  26 11.50    5.2X

        1.3s    34.00nm
ENN    149.79 355 ePKPd  26 13.00    5.8X
        0.8s    18.00nm
SRO    149.94 338 e(PKP) 26 16.00    8.5X
MEM    149.94 355 PKP    26 13.40    6.0X
ZST    150.01 340 ePKP   26 13.50    5.8X
TNS    150.07 352 ePKPc  26 13.80    6.0X
GRF    150.14 348 iPKPd  26 14.00    6.2X
KHC    150.16 345 iPKPc  26 08.50    0.6
                 i      26 14.30
                 i      26 23.00
                 e      28 23.50
DOU    150.55 357 PKP    26 15.10    6.7X
WLF    150.87 355 PKPc   26 16.20    7.3X
FLN    151.85   4 iPKPd  26 17.10    6.8X
CDF    152.00 353 ePKP   26 18.00    7.3X
LDF    152.04   3 ePKP   26 17.70    7.1X
KBA    152.12 344 iPKPc  26 17.60    6.5X
        0.7s     6.10nm
                 i      26 30.80
GRR    152.20   4 iPKPd  26 18.00    7.2X
HAU    152.50 354 iPKPd  26 19.00    7.7X
LPF    152.54   5 iPKPd  26 19.00    7.7X
BSF    152.62 353 ePKP   26 19.30    7.7X
LJU    152.73 341 e(PKP) 26 18.40    6.7X
VOY    152.93 342 ePKP   26 19.00    6.9X
LOR    153.40 358 ePKP   26 21.10    8.5X
BGF    154.14 359 ePKP   26 23.70   10.1X
LSF    154.45   1 ePKP   26 25.70   11.7X
FRF    156.85 352 iPKPd  26 17.10   -0.2
BNG    157.40 227 iPKPc  26 19.20    0.4
        1.0s    20.00nm
                 ic     26 55.00
KIC    164.27 153 ePKP   26 26.40    0.6
                 e      27 26.20
      S.D. = 0.9  on  73 of 107 obs.

%  FEB  05, 1985  15h 29m 22.70± 0.78s
   33.480 S ± 7.0km   70.908 W ± 9.9km
   DEPTH =  33.0km  (normal)
 CHILE-ARGENTINA BORDER REGION     (127)

TACH     0.17 188 iPd    29 28.10   -1.0
                 iS     29 31.60
PCH      0.36 113 iP     29 31.20   -0.1
BACH     0.37  70 iPc    29 31.20   -0.3
                 iS     29 36.20
PEL      0.38  29 iPc    29 31.50   -0.2
                 iS     29 37.50
CHCH     0.50 155 iPd    29 34.20    0.8
LNV      0.63 221 iPd    29 35.40    0.2
                 iS     29 44.50
JACH     0.84  18 eP     29 38.70    0.5
      S.D. = 0.7  on   7 of   7 obs.

*  FEB  05, 1985  17h 04m 34.91± 0.88s
   29.819 N ± 9.2km  129.635 E ± 7.9km
   DEPTH = 170.7 ±  8.7 km
   4.4mb (  8 obs.)
 RYUKYU ISLANDS                      (238)

NZJ      1.44 185 eP     05 05.00   -0.8
                 iS     05 25.30
SSE      7.40 282 Pc     06 20.50   -0.8
                 iS     07 40.00
NJ2      9.52 286 eP     06 45.40   -3.8X
MAT      9.82  45 (P)    06 53.00   -0.2
                 (S)    08 41.00
TIA     12.28 305 Pd     07 26.40    1.3
CN2     14.35 348 Pc     07 55.50    4.2X
                 sP     08 30.50
BJI     15.01 316 eP     08 00.50    0.9
TIY     16.31 303 P      08 17.80    2.1
XAN     18.07 289 Pc     08 34.60   -1.5
HHC     18.36 312 eP     08 39.00   -0.2
BTO     19.26 309 eP     08 48.00   -0.6
GYA     20.53 266 P      09 02.20    0.7
CD2     22.34 279 Pc     09 20.00    0.8
LZH     22.49 293 eP     09 21.00    0.2
GTA     26.24 299 eP     09 56.00    0.1
PKI     38.68 278 eP     11 43.60   -0.5
        0.5s     6.00nm          4.5mb
KKN     38.74 278 eP     11 44.60    0.2
        0.5s    13.00nm          4.9mb
WRA     49.68 174 Pd     13 11.90    0.6
        0.7s     3.10nm          4.1mb
WB2     49.68 174 eP     13 11.80    0.5
```

COL 60.30 29 eP 14 27.90 0.6
SOD 67.63 336 eP 15 13.00 -1.8
KJF 68.51 333 iP 15 19.00 -1.3
SUF 69.78 331 iP 15 26.60 -1.4
0.3s 1.70nm 4.3mb
NUR 71.41 330 iP 15 36.80 -1.0
YKA 74.76 26 P 15 58.90 1.6
NB2 76.65 334 P 16 05.10 -2.9
0.7s 4.10nm 4.3mb
CLL 81.92 325 iPd 16 37.00 0.7
0.7s 9.00nm 4.6mb
KBA 84.37 322 iPc 16 50.10 1.0
0.7s 3.70nm 4.3mb
FFC 84.84 27 iPc 16 52.60 1.5
0.7s 8.00nm 4.6mb
FRB 85.65 8 eP 16 55.00 0.1
KIC 123.34 302 ePKP 23 13.80 0.2
S.D. = 1.2 on 29 of 31 obs.

% FEB 05, 1985 17h 08m 33.59±10.34s
15.640 N ±39.4km 60.427 W ±96.4km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)

MGG 0.90 288 eP 08 50.00 0.1
S 09 01.50
CRM 1.00 208 eP 08 51.23 -0.1
S 09 04.80
FDF 1.14 218 eP 08 53.34 0.0
S 09 08.20
MVM 1.17 203 eP 08 53.75 0.0
PAG 1.27 288 eP 08 55.00 -0.1
S 09 11.00
BIM 1.28 209 eP 08 55.34 0.1
S 09 12.10
S.D. = 0.1 on 6 of 6 obs.

FEB 05, 1985 19h 58m 28.31± 0.94s
33.547 S ± 8.2km 69.985 W ± 7.7km
DEPTH = 14.2 ± 6.4 km
CHILE-ARGENTINA BORDER REGION (127)

PCH 0.45 260 iPc 58 37.70 0.2
iS 58 45.50
BACH 0.47 294 iPd 58 37.50 -0.3
iS 58 45.70
CHCH 0.68 235 iPd 58 41.20 -0.2
iS 58 51.60
PEL 0.71 304 iPd 58 41.80 -0.2
iS 58 52.30
TACH 0.80 262 iPc 58 43.40 -0.1
iS 58 55.60
JACH 1.00 329 eP 58 47.00 0.0
ROCH 1.03 303 iP 58 47.60 0.0
iS 59 02.60
LNV 1.26 251 iPc 58 51.20 0.0
iS 59 08.30
TCA 5.06 66 ePd 59 45.60 0.0
S 01 02.80
S.D. = 0.2 on 9 of 9 obs.

• FEB 05, 1985 21h 40m 15.91± 1.03s
40.240 N ± 7.0km 23.941 E ± 8.5km
DEPTH = 10.0km (geophysicist)
GREECE (364)

OUR 0.10 19 ePg 40 18.40 -0.2
PAIG 0.37 213 ePg 40 23.40 -0.1
eSg 40 28.90
SOH 0.73 323 ePg 40 30.40 0.1
eSg 40 40.60
THE 0.84 298 ePb 40 33.70 1.6
SRS 0.92 343 ePg 40 33.40 0.0
eSb 40 46.40
LIT 1.12 263 ePn 40 36.50 -0.4
eSb 40 53.20
KNT 1.21 320 ePb 40 36.70 -1.8
eSb 40 56.50
MMB 1.36 353 iPc 40 40.00 -0.9
VAY 1.50 316 iPn 40 43.40 0.6
KDZ 1.76 37 iP 40 47.00 0.4
VTS 2.42 347 iPd 40 57.00 0.9
S.D. = 1.0 on 11 of 11 obs.

• FEB 05, 1985 21h 58m 19.75± 0.82s
38.793 N ± 7.6km 21.208 E ±10.6km
DEPTH = 10.0km (geophysicist)

GREECE (364)
ML 3.4 (ATH).

VLS 0.78 218 ePg 58 34.50 -0.5
eSg 58 44.40
KZN 1.57 16 ePn 58 47.50 -0.3
eSn 59 09.00
ATH 2.14 112 ePn 58 56.80 0.9
eSn 59 24.50
OHR 2.34 352 ePn 59 00.50 1.6
VAY 2.73 22 ePn 59 03.40 -1.0
SKO 3.18 3 ePn 59 11.00 0.3
i 59 18.00
ISn 59 50.30
MMB 3.39 34 iPc 59 13.00 -0.8
KDZ 4.26 47 iP 59 26.00 -0.1
S.D. = 1.1 on 8 of 8 obs.

FEB 05, 1985 22h 19m 07.99± 0.38s
39.730 N ± 8.1km 49.096 E ± 5.7km
DEPTH = 33.0km (normal)
4.5mb (8 obs.) 3.6Msz (1 obs.)
CASPIAN SEA (338)
Felt (IV) at Imishli, Sootly and Pushkino, USSR.

TAB 2.72 233 iP 19 53.00 2.5
TEH 4.38 155 eP 20 13.00 -1.1
MHI 8.89 109 iPd 21 15.50 -1.8
eS 22 49.00
KHI 9.46 123 eP 21 24.00 -1.1
MLR 17.96 296 eP 23 20.00 3.2X
CLO 20.10 294 eP 23 40.00 -1.5
VAY 20.20 283 eP 23 42.70 0.1
SKO 21.01 285 eP 23 51.00 0.1
i 24 07.00
NDI 25.63 107 eP 24 37.00 0.8
NUR 25.76 332 iP 24 37.40 0.4
0.6s 7.80nm 4.5mb
Z 21s 0.20um 3.6Msz
i 24 50.30
LJU 25.96 295 eP 24 39.50 0.5
VOY 26.40 295 eP 24 42.70 -0.5
e 24 56.30
KBA 26.81 298 iPd 24 47.20 0.1
0.7s 4.10nm 4.2mb
KHC 26.83 302 P 24 49.00 1.9
i 25 04.00
SUF 26.84 337 iP 24 46.90 -0.1
0.4s 1.70nm 4.0mb
CLL 27.53 307 e(P) 25 09.00 15.6X
KJF 27.54 340 eP 24 51.00 -2.3
e 25 06.00
WMO 28.90 69 P 25 06.50 0.7
SOD 30.37 343 eP 25 19.00 0.4
NB2 31.53 325 P 25 26.10 -2.9
0.7s 5.50nm 4.5mb
KKN 32.15 101 iPd 25 35.20 0.3
0.5s 10.00nm 5.0mb
PKI 32.36 101 P 25 37.10 0.2
0.6s 6.00nm 4.7mb
GBA 36.03 128 Pc 26 07.60 -0.5
1.2s 11.80nm 4.7mb
GTA 38.67 74 P 26 31.90 1.6
BNG 44.68 226 iPc 27 18.20 -1.4
1.0s 6.00nm 4.4mb
id 27 38.00
CD2 44.86 84 eP 27 22.20 1.2
DAG 46.65 343 iPd 27 48.20 13.7X
0.1s 144.44nm
KMI 46.91 91 iPc 27 38.00 0.5
XAN 47.42 77 Pc 27 41.90 0.7
GYA 49.24 87 P 27 55.60 0.1
CN2 55.19 59 eP 28 39.50 -0.2
MBC 64.07 357 eP 29 41.00 0.7
COL 74.87 7 eP 30 47.00 0.4
YKA 77.28 352 P 31 15.70 15.5X
S.D. = 1.2 on 30 of 34 obs.

FEB 05, 1985 23h 31m 56.90± 0.45s
39.902 N ± 5.1km 24.552 E ± 3.9km
DEPTH = 15.3 ± 4.5 km
AEGEAN SEA (365)
ML 3.5 (ATH).

PAIG 0.67 272 ePg 32 09.10 -0.6
eSb 32 19.30
SOH 1.30 315 ePb 32 20.70 0.3
eSb 32 37.60
EZN 1.37 93 iPn 32 21.40 0.1
THE 1.42 302 ePgc 32 22.10 0.1
eSb 32 40.00
SRS 1.42 329 ePg 32 22.00 0.0
eSb 32 39.60
PRK 1.48 116 ePnc 32 23.20 0.3
eSg 32 47.00
KNT 1.78 315 ePn 32 27.80 0.5
MMB 1.80 340 iPc 32 27.00 -0.5
GRG 1.95 303 ePnc 32 30.00 0.2
eSn 32 54.90
ATH 2.03 199 ePnc 32 31.00 0.
eSb 33 02.70
VAY 2.07 314 iPn 32 32.00 0.5
i 32 37.30
iSn 33 05.30
KZN 2.17 282 ePb 32 32.80 -0.2
eSb 32 59.50
PLD 2.20 3 iP 32 35.00 1.6
iS 33 04.00
DIM 2.28 20 iP 32 35.00 0.5
Sg 33 12.00
EDC 2.58 79 ePn 32 43.00 4.3X
BNT 2.62 79 iPn 32 38.80 -0.6
VTS 2.88 340 iP 32 44.00 1.0
KCT 2.94 82 ePn 32 44.70 0.8
OHR 3.11 294 ePn 32 46.00 -0.2
SKO 3.14 312 iPn 32 47.00 0.4
iSn 33 22.50
PVL 3.28 8 iPc 32 48.00 -0.6
YLV 3.75 78 iPn 33 05.20 9.7X
GPA 4.43 83 ePn 33 04.40 -0.7
CLO 5.33 347 ePd 33 15.50 -2.2
MLR 5.68 10 eP 33 22.00 -0.8
BEO 5.78 330 ePn 33 39.80 15.8X
S.D. = 0.8 on 23 of 26 obs.

FEB 05, 1985 23h 47m 41.78± 0.84s
24.276 N ± 5.6km 122.579 E ± 6.1km
DEPTH = 59.7 ± 7.8 km
4.8mb (4 obs.)
TAIWAN REGION (243)

TATO 1.21 305 iP 48 03.70 0.9
eS 48 19.00
ANP 1.32 313 iPc 48 05.20 0.8
ISI 1.45 87 Pd 48 05.70 -0.4
iS 48 24.20
MYK 2.51 78 eP 48 27.00 6.0X
S 48 51.00
OZH 3.69 281 iPd 48 35.60 -2.0
S 49 15.40
SSE 6.90 350 Pc 49 21.50 -1.1
Lg 51 24.50
Lg 51 35.50
HKC 7.97 257 eP 49 35.50 -2.0
eS 50 58.50
NJ2 8.41 338 iPd 49 14.80 -28.7X
S 51 15.60
GZH 8.55 264 eP 49 42.00 -3.4X
S 51 09.30
MCO 8.57 257 eP 49 52.80 7.1X
eS 51 13.30
WHN 9.61 312 eP 49 58.00 -2.0
TIA 12.79 340 eP 50 41.50 -1.2
eS 53 10.00
QIZ 12.94 249 eP 50 43.00 -1.7
SHK 13.48 38 eP 51 03.20 11.4X
GYA 14.55 282 P 51 06.00 0.0
eS 53 42.00
PPR 14.88 195 ePd 51 12.70 2.6
XAN 15.38 312 eP 51 17.40 0.8
CGP 15.86 172 eP 51 25.20 1.5
BJI 16.62 343 eP 51 34.00 1.9
eS 54 46.00
SNY 17.52 2 iP 51 45.30 1.9
CD2 17.93 296 Pc 51 49.20 0.6
eS 55 11.50
KMI 18.05 277 eP 51 51.00 0.8
E 15s 1.70um
eS 55 22.00
HHC 18.93 333 Pc 52 03.00 2.3
BTO 19.39 330 eP 52 06.00 0.3
CN2 19.62 6 Pc 52 06.20 -1.5
pP 52 22.50 85km

05d 23h

```
LZH     19.98 310 Pc     52 13.00    0.9
     E  17s      0.80um
LOE     20.64 255 eP     52 17.50   -1.3
MDJ     21.08  14 eP     52 22.50   -0.6
CHG     22.63 261 eP     52 40.00    1.3
GTA     24.43 314 Pc     52 56.60    0.4
SHL     27.84 279 eP     53 28.00    0.1
PKI     33.51 284 eP     54 18.40    0.2
KKN     33.62 284 eP     54 19.20    0.3
WMO     34.52 313 P      54 26.50    0.2
NDI     40.66 286 eP     55 18.00    0.2
WRA     45.42 164 Pc     55 55.50   -1.0
        1.0s     9.70nm          4.6mb
WB2     45.42 164 eP     55 54.20   -2.3
MHI     54.92 298 iPc    57 10.10    1.1
COL     68.14  27 eP     58 38.00    0.7
SOD     70.10 336 eP     58 49.00   -0.2
KJF     70.50 332 iP     58 50.80   -0.9
        0.8s    17.60nm          5.0mb
SUF     71.59 331 iP     58 57.20   -1.1
MBC     72.89  13 eP     59 04.00   -1.8
NUR     72.96 329 eP     59 06.00   -0.4
     Z  19s      0.30um          4.6Msz
NB2     78.74 332 P      59 35.80   -3.3X
        0.9s     4.70nm          4.4mb
KRA     79.41 320 eP     59 44.10    1.2
KSP     81.15 322 eP     59 52.00   -0.1
SKO     81.90 312 e(P)   59 56.00   -0.2
YKA     82.39  23 P      59 58.80    0.5
KHC     83.51 321 iPd    00 05.10    0.7
                  e      00 25.50
VOY     84.86 318 e(P)   00 11.00   -0.4
                  e      00 32.00
NAI     86.66 267 eP     00 23.00    2.0X
EDM     88.90  30 iPc    00 31.30    0.5
FRB     91.84   5 eP     00 44.00   -0.2
SES     91.85  31 eP     00 44.00   -0.6
FFC     92.53  24 iPc    00 47.30   -0.3
        1.0s    27.00nm          5.6mb
     S.D. = 1.3  on  49 of  56 obs.

*  FEB  06, 1985  00h 16m 42.17± 1.42s
   6.454 S ±18.1km  146.984 E ±17.2km
   DEPTH =  95.7 ± 15.9 km
   4.2mb (  1 obs.)
 EAST PAPUA NEW GUINEA REGIDN     (207)

LAT      0.20 175 iPc    16 57.30    0.1
MDG      1.69 315 iP     17 11.00    0.0
LMG      2.70 155 eP     17 24.50   -0.2
PMG      2.94 177 iPc    17 30.10    2.3X
ALOA     5.09 139 eP     17 57.50    0.1
WB2     18.17 221 eP     20 50.00    0.2
WRA     18.18 221 Pd     20 49.80   -0.1
        1.0s    14.00nm          4.2mb
     S.D. = 0.2  on   6 of   7 obs.

   FEB  06, 1985  01h 19m 05.37± 0.64s
   33.063 S ± 7.6km   68.602 W ± 5.5km
   DEPTH =   5.0km  (geophysicist)
 MENDOZA PROVINCE, ARGENTINA      (139)
     Felt (III) at Mendoza.

MDZ      0.28 311 iP     19 10.70   -0.3
                  iS     19 13.60
FCH      1.44 259 iPc    19 30.70   -1.8
                  iS     19 48.50
CFA      1.48  12 ePc    19 33.60    0.8
                  S      19 53.10
BACH     1.61 259 iPc    19 34.10   -0.5
                  iS     19 54.70
PCH      1.69 250 iPd    19 35.80    0.0
                  iS     19 58.70
JACH     1.72 282 iP     19 35.50   -0.7
                  iS     19 56.70
PEL      1.75 267 iPd    19 35.90   -0.7
                  iS     19 57.50
SAN      1.77 257 eP     19 37.00    0.1
CHCH     1.92 243 iP     19 39.60    0.5
ROCH     2.03 272 iPc    19 41.00    0.2
                  iS     20 06.20
TACH     2.04 253 iP     19 42.00    1.2
                  iS     20 07.00
LNV      2.51 248 iPd    19 49.30    1.8
TCA      3.81  64 ePd    20 06.00   -0.1
                  S      21 05.80
VBA      7.34 135 ePc    20 55.30   -0.6

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

?  FEB  06, 1985  02h 32m 10.46± 1.40s
    6.639 N ±28.9km   72.858 W ±30.6km
   DEPTH = 171.3 ± 35.6 km
 NORTHERN COLOMBIA                ( 99)

BOG      2.33 211 iP     32 51.50    0.0
                  iS     34 21.00
UAV      2.59  41 iPnc   32 54.30   -0.1
        0.2s    147.50nm
SDV      3.14  44 iPnd   33 01.30    0.2
        0.2s    110.50nm
CHN      3.21 239 eP     33 02.00    0.0
TOV      4.36  44 iPnc   33 16.60   -0.1
        0.3s     62.00nm
PSO      7.01 220 eP     33 52.00    0.0
     S.D. = 0.2  on   6 of   6 obs.

?  FEB  06, 1985  02h 43m 02.71± 1.41s
   17.876 S ±27.1km  178.557 W ±22.2km
   DEPTH = 600.0 ± 14.6 km
   5.0mb (  3 obs.)
 FIJI ISLANDS REGION              (181)

SGE      3.37 274 iPc    44 24.60    0.0
CAN     33.61 232 eP     48 56.60    0.2
YOU     33.70 235 eP     48 57.50    0.4
WAM     34.04 231 eP     49 00.60    0.7
PMG     34.32 280 eP     49 04.00    1.6
        1.0s    44.00nm          5.0mb
WB2     44.49 260 iPd    50 23.10   -0.9
WRA     44.50 260 Pd     50 23.00   -1.0
        0.3s     3.20nm          4.3mb
ASPA    44.67 254 iPd    50 24.50   -0.8
        0.5s    73.00nm          5.5mb
EUR     81.60  44 eP     54 21.70    1.3
COL     85.81  13 eP     54 39.70   -0.5
ALQ     86.19  52 eP     54 42.00   -0.9
BNG    158.58 233 ePKPc  02 31.00   36.9X
        0.9s     5.00nm
                  id     02 34.20
                  ic     03 29.20
     S.D. = 1.1  on  11 of  12 obs.

*  FEB  06, 1985  04h 45m 05.44± 0.80s
   24.038 S ± 8.7km   66.939 W ±14.7km
   DEPTH = 216.1 ± 13.6 km
   4.2mb (  1 obs.)
 SALTA PROVINCE, ARGENTINA        (129)

SLA      1.49 118 iPc    45 40.80   -0.2
                  S      46 06.20
YJA      2.28  36 ePd    45 49.00    0.1
                  S      46 18.80
TPZ      3.04 327 P      45 55.20   -2.0
VCA      4.82 193 ePd    46 20.50    1.8
                  S      47 17.70
CNCB     7.26 352 iP     46 52.20    1.8
LPB      7.55 352 iP     46 55.20    1.2
                  S      48 20.00
TCA      7.56 165 ePc    46 52.90   -1.0
                  S      48 16.70
ZOBO     7.81 352 eP     46 58.40    0.7
ARE      8.66 330 eP     47 07.00   -1.5
                  eS     48 37.00
VAO     18.35  91 eP     49 06.20   -0.2
                  i      49 07.80
ITR     31.19  66 e(P)   51 06.00   -0.6
ALQ     69.61 326 eP     55 56.20    2.9X
        0.9s     4.20nm          4.2mb
YKA     94.18 340 P      58 04.40    4.3X
     S.D. = 1.5  on  11 of  13 obs.

*  FEB  06, 1985  05h 37m 48.16± 0.89s
   32.597 S ±22.0km   68.724 W ±10.8km
   DEPTH =  33.0km  (normal)
 MENDOZA PROVINCE, ARGENTINA      (139)

FCH      1.51 241 eP     38 14.00    0.6
JACH     1.58 266 iP     38 14.70    0.4
                  iS     38 36.50
BACH     1.67 243 iPd    38 16.10    0.6
PCH      1.82 235 iPc    38 17.60   -0.1
ROCH     1.96 258 eP     38 19.00   -1.0
                  iS     38 43.20
CHCH     2.09 230 iPc    38 21.20   -0.5
                  iS     38 48.00
TCA      3.73  71 ePd    38 44.90    0.0
     S.D. = 0.7  on   7 of   7 obs.

?  FEB  06, 1985  06h 17m 19.25± 2.56s
   30.981 S ±17.3km   70.865 W ±29.6km
   DEPTH =  33.0km  (normal)
 CHILE-ARGENTINA BORDER REGION    (127)

JACH     1.71 172 iP     17 47.60    0.3
                  i(S)   18 19.40
ROCH     1.99 184 iP     17 51.50    0.1
                  i(S)   18 22.00
PEL      2.16 176 eP     17 53.00   -0.7
                  iS     18 27.50
BACH     2.39 172 iPc    17 57.70    0.7
                  iS     18 32.00
PCH      2.39 168 eP     17 59.00    1.7
SAN      2.47 176 eP     18 01.00    2.9X
CHCH     2.95 177 eP     18 03.00   -1.9
VCA      3.21  47 ePd    18 09.00    0.3
                  S      18 53.00
TCA      5.39  95 ePc    18 39.00   -0.5
     S.D. = 1.3  on   8 of   9 obs.

%  FEB  06, 1985  06h 34m 08.65±16.88s
   16.482 N ±72.1km  101.431 W ±127.km
   DEPTH =  33.0km  (normal)
 NEAR COAST OF GUERRERO, MEXICO   ( 58)

III      2.66  45 iP     34 51.00    0.7
                  iS     35 20.50
PIO      3.17  91 iP     34 57.50    0.1
OXM      3.25  30 iP     35 00.00    1.1
                  iS     35 36.00
TPM      3.36  42 iP     35 00.00   -0.3
                  iS     35 38.00
IIC      3.87  32 eP     35 06.00   -1.6
VHO      4.56  80 iP     35 17.00   -0.4
     S.D. = 1.2  on   6 of   6 obs.

*  FEB  06, 1985  06h 37m 51.47± 0.75s
   51.499 N ±17.4km  158.413 E ±10.5km
   DEPTH =  33.0km  (normal)
   4.4mb ( 11 obs.)
 NEAR EAST COAST OF KAMCHATKA     (218)

COL     30.29  43 eP     44 01.00   -0.4
YKA     45.04  41 P      46 06.30    1.0
CHG     56.56 258 eP     47 33.70    0.5
CHTO    56.56 258 eP     47 33.50    0.4
        0.7s     2.70nm          4.4mb
BDW     59.21  59 eP     47 51.70    0.0
        0.9s     1.20nm          4.0mb
NB2     64.78 343 P      48 24.50   -4.0X
        0.9s     2.80nm          4.4mb
ALQ     66.48  63 eP     48 39.50   -0.4
GBA     73.87 272 Pd     49 23.80   -1.0
        0.6s     3.10nm          4.5mb
KBA     77.32 336 iPd    49 44.60    0.4
        0.7s     5.70nm          4.7mb
LOR     79.21 343 eP     49 53.60   -0.8
        0.6s     2.10nm          4.3mb
SSF     79.48 343 eP     49 55.10   -0.7
AVF     79.77 343 eP     49 56.90   -0.4
        0.7s     3.90nm          4.5mb
SMF     79.82 343 eP     49 57.20   -0.4
TCF     80.46 344 iPc    50 00.90   -0.2
        0.7s     1.30nm          4.0mb
MZF     80.46 343 iPc    50 01.40    0.3
        0.6s     6.60nm          4.8mb
MFF     80.55 345 eP     50 01.30   -0.2
        0.6s     2.50nm          4.4mb
LSF     80.62 344 eP     50 01.60   -0.3
CAF     81.80 343 iPc    50 08.70    0.6
        1.0s     4.00nm          4.4mb
LFF     82.03 344 eP     50 09.80    0.6
LPO     82.19 344 eP     50 10.80    0.7
     S.D. = 0.6  on  19 of  20 obs.

?  FEB  06, 1985  06h 40m 32.53± 3.60s
   31.717 S ±32.1km   70.278 W ±28.1km
   DEPTH = 137.9 ± 33.8 km
 CHILE-ARGENTINA BORDER REGION    (127)

JACH     1.00 195 iPd    40 56.40   -0.1
                  iS     41 11.40
```

ROCH 1.40 206 iP 41 00.90 0.2
iS 41 20.00
FCH 1.61 180 iP 41 03.00 -0.1
iS 41 23.60
BACH 1.64 186 iPd 41 03.20 0.0
iS 41 24.00
PCH 1.91 186 iP 41 06.40 0.0
iS 41 29.00
CHCH 2.23 188 iPc 41 10.40 0.1
i(S) 41 35.60
LNV 2.43 203 iP 41 12.40 -0.2
TCA 4.87 87 ePc 41 45.00 0.0
S.D. = 0.2 on 8 of 8 obs.

FEB 06, 1985 06h 50m 12.64± 0.63s
6.645 N ± 8.8km 72.976 W ± 8.2km
DEPTH = 172.1 ± 5.9 km
4.3mb (8 obs.)
NORTHERN COLOMBIA (99)

BMG 0.44 347 iP 50 35.00 -2.9
BOG 2.28 208 iP 50 55.50 2.4X
iS 51 25.50
UAV 2.67 43 iPnc 50 58.00 0.5
0.3s 492.00nm
CHN 3.11 238 eP 51 03.00 0.0
SDV 3.22 46 iPnd 51 04.80 0.5
0.2s 110.50nm
LGN 3.87 26 e(Pn) 51 14.00 1.6
TOV 4.44 45 iPnd 51 19.60 -0.3
0.4s 62.50nm
PSO 6.94 219 iP 51 55.00 1.7
CAR 7.11 57 iPnc 51 54.40 -0.8
0.7s 30.14nm 4.8mb
PCJ 11.76 340 iP 52 57.43 1.1
eS 54 54.48
GWJ 11.94 342 eP 52 59.77 1.1
eS 54 58.72
STH 11.96 342 eP 52 59.89 1.0
eS 54 59.50
RLO 35.65 329 eP 56 55.00 -0.9
TUL 35.86 327 eP 56 56.90 -0.7
1.0s 12.60nm 4.6mb
LTX 36.69 312 eP 57 05.00 0.2
ALQ 41.74 317 eP 57 46.00 -0.6
1.0s 3.75nm 3.9mb
GLA 46.86 310 eP 58 28.20 0.8
RSON 47.33 342 eP 58 30.30 -0.4
0.4s 4.60nm 4.4mb
BDW 48.32 324 eP 58 38.70 0.0
1.0s 1.80nm 3.6mb
LRM 51.80 326 eP 59 05.40 0.2
BMN 51.87 317 eP 59 05.90 0.2
0.8s 1.32nm 3.7mb
JAS1 53.01 313 eP 59 12 50 -1.4
FFC 53.30 339 iPc 59 15.30 -0.4
0.6s 5.00nm 4.4mb
EDM 56.84 332 iPc 59 39.60 -1.7
FRB 57.08 2 eP 59 42.00 -0.7
RSNT 63.46 340 eP 00 26.00 0.0
YKA 63.48 340 P 00 26.20 0.1
KIC 67.74 86 eP 00 54.80 0.6
MBC 74.00 350 eP 01 31.60 1.1
0.6s 4.00nm 4.3mb
WB2 150.37 241 ePKP 09 47.00 6.7X
S.D. = 1.1 on 28 of 30 obs.

FEB 06, 1985 12h 25m 42.38± 0.53s
4.556 S ± 4.5km 144.079 E ± 5.4km
DEPTH = 121.3 ± 6.2 km
5.2mb (10 obs.)
NEAR N COAST OF PAPUA NEW GUINEA(200)

WEW 1.09 336 iP 26 06.00 0.3
MDG 1.83 112 eP 26 15.00 0.8
LAT 3.58 126 eP 26 38.00 0.9
MOM 4.15 53 iPd 26 45.90 1.0
PMG 5.71 148 iPc 27 04.90 -1.2
LMG 5 92 137 eP 27 07.00 -2.2
ALOA 8.46 133 eP 27 41.50 -2.0
MTN 15.21 236 eP 29 11.00 -1.0
CTA 15.58 172 iPc 29 20.40 3.7X
1.1s 37.97nm 4.6mb
AAI 15.87 273 ePc 29 22.90 2.7
HNR 16.47 108 eP 29 29.00 1.2
WB2 17.99 211 eP 29 44.70 -1.6
eS 32 58.00

WRA 18.00 211 Pc 29 45.90 -0.5
0.5s 36.20nm 4.9mb
ASPA 21.39 206 eP 30 22.00 0.3
0.4s 93.00nm 5.5mb
WBN 27.23 216 iPd 31 18.00 1.0
0.5s 56.00nm 5.4mb
YOU 29.84 173 eP 31 41.20 0.9
CAN 30.95 172 eP 31 50.80 0.8
WAM 31.79 173 eP 31 58.20 0.9
MRWA 36.18 224 eP 32 35.00 0.0
KLB 36.52 219 eP 32 38.00 0.2
BAL 36.56 222 eP 32 38.00 -0.2
NWAO 37.75 218 eP 32 49.00 0.9
MUN 37.77 220 eP 32 49.00 0.7
SSE 41.65 330 Pd 33 20.70 0.4
PPI 43.82 274 ePd 33 37.60 -0.7
0.8s 64.40nm 5.4mb
KRP 43.88 143 P 33 40.00 1.6
WHN 45.01 323 eP 33 48.60 1.1
MNG 45.66 146 P 33 53.00 0.4
PSI 45.69 278 ePd 33 53.30 0.2
0.7s 53.60nm 5.4mb
SNY 49.80 340 eP 34 24.10 -0.5
KMI 49.82 308 eP 34 19.00 -6.4X
CHG 50.14 299 eP 34 28.00 0.3
XAN 50.74 322 eP 34 31.30 -0.7
CN2 50.98 343 eP 34 32.00 -1.6
BJI 51.26 333 eP 34 34.50 -1.2
CD2 52.20 315 P 34 43.20 0.1
BTO 54.71 329 eP 35 01.40 0.0
GTA 59.79 321 Pc 35 37.00 -0.2
PKI 64.92 303 eP 36 11.40 -0.3
0.8s 11.00nm 4.8mb
KKN 65.11 303 iPc 36 12.70 -0.1
0.7s 40.00nm 5.5mb
KOD 67.94 283 eP 36 31.00 0.0
HYB 68.23 291 eP 36 31.50 -1.0
GBA 68.54 286 Pc 36 33.40 -0.9
1.0s 26.40nm 5.0mb
WMQ 69.82 320 eP 36 41.80 0.0
QUE 81.21 301 eP 37 47.00 0.3
COL 85.01 23 eP 38 04.00 -1.0
0.8s 11.57nm 4.8mb
YKA 99.25 27 P 39 11.50 0.2
BNG 125.71 272 iPKPd 44 32.40 0.1
0.4s 9.00nm
CNCB 141.86 125 PKP 44 59.00 -4.2X
LPB 141.91 124 ePKP 44 55.00 -8.1X
KIC 148.91 275 iPKPc 45 18.60 4.3X
S.D. = 1.0 on 46 of 51 obs.

FEB 06, 1985 13h 29m 46.01± 0.82s
43.961 N ± 4.5km 149.289 E ± 3.1km
DEPTH = 12.5 ± 4.8 km
5.6mb (81 obs.) 5.2Msz (7 obs.)
KURIL ISLANDS REGION (222)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 8S, 17C
Centroid Location:
Origin Time 13:29:50.9 0.8
Lat 44.11N 0.09 Lon 149.42E 0.16
Dep 10.0 FIX Half-duration 1.7
Moment Tensor; Scale 10**23 D-CM
Mrr= 4.64 0.44 Mtt=-1.35 0.47
Mff=-3.29 0.60 Mrt= 8.84 1.19
Mrf= 9.25 1.19 Mtf=-2.49 0.46
Principal Axes:
T Val= 13.56 Plg=55 Azm=317
N 0 23 3 223
P -13.79 35 130
Best Double Couple:Mo=1 4**24
NP1:Strike=204 Dip=11 Slip= 72
NP2: 43 80 93

NEM 2.76 258 eP 36 30.00 -0.8
eS 31 04.00
ABJ 3.61 273 eP 30 44.00 1.2
e 31 46.00
OBI 4.54 259 eP 30 56.00 0.0
e 32 10.00
URA 5.10 252 eP 31 06.00 2.1
eS 32 04.00
SAP 5.86 264 eP 31 16.00 1.4
eS 32 30.00
TSK 10.45 225 eP 32 15.20 -3.4X
DDR 11.09 228 eP 32 23.50 -3.9X

SRY 11.35 226 eP 32 26.20 -4.6X
OYM 11.51 226 eP 32 29.30 -3.7X
MDJ 14.13 280 Pd 33 06.00 -1.9X
eS 35 40.00
SHK 15.92 239 ePd 33 29.50 -1.8X
CN2 17.18 278 Pd 33 43.80 -3.4X
eS 37 00.00
SNY 18.94 272 iPc 34 08.30 -0.6X
eS 37 41.00
DL2 21.29 266 P 34 34.00 -0.4X
BJI 24.82 272 eP 35 05.00 0.0
Z 17s 4.50um 5.0Msz
ePP 35 44.00
eS 39 35.00
SSE 25.58 249 Pc 35 17.00 0.7
TIA 25.68 264 Pc 35 17.00 -0.2
S 39 48.00
NJ2 26.61 254 Pc 35 25.00 -0.9
HHC 27.87 277 Pc 35 38.00 0.6
eS 40 19.00
TIY 28.40 270 P 35 42.00 -0.2
S 40 30.00
BTO 29.06 277 iPc 35 47.90 -0.2
WHN 30.63 256 eP 36 01.00 -1.0
eS 41 04.00
QZH 31.37 243 Pc 36 08.00 -0.6
S 41 17.00
XAN 32.62 266 P 36 18.70 -0.8
eS 41 32.00
LZH 35.31 273 iPc+ 36 43.00 0.1
1.2s 3B4.00nm 6.2mb
N 14s 2.20um
pP 36 54.00 39kmX
sP 36 59.00
GZH 36.09 247 P 36 50.60 1.2
S 42 30.00
TTA 36.29 39 P 36 51.00 0.3
1.0s 72.50nm 5.5mb
BAG 36.67 231 eP 36 52.00 -2.5
GTA 36.78 280 iPc 36 56.10 0.9
IMA 37.64 34 eP 37 02.50 0.4
BRW 37.65 25 P 37 01.80 -0.1
OCP 37.84 228 eP 36 53.50 -10.7X
CD2 37.97 266 Pc 37 05.40 0.2
eS 42 57.00
GYA 38.48 257 Pc 37 09.60 0.0
S 43 00.00
PMR 39.48 41 P 37 17.50 0.1
PME 39.52 41 eP 37 17.40 -0.4
1.0s 35.00nm 5.0mb
COL 40.01 36 iPc 37 22.00 0.2
0.8s 64.18nm 5.4mb
eS 43 27.00
FBA 40.01 36 eP 37 24.00 2.2
1.0s 24.00nm 4.8mb
OIZ 41.26 246 eP 37 34.00 1.5
eS 43 38.00
KMI 42.07 259 iPc+ 37 39.50 0.1
N 14s 1.00um
pP 37 56.00 66kmX
S 43 58.50
sS 44 23.00
SS 47 02.00
DAV 42.19 216 eP 37 49.00 8.9X
WMQ 43.45 292 iPc 37 50.50 0.2
eS 44 19.00
LSA 47.73 273 P 38 25.70 0.7
LOE 47.86 252 eP 38 24.00 -1.6
MBC 48.12 19 eP 38 16.10 -10.8X
1.1s 21.00nm
CHG 48.83 256 iPc 38 33.50 0.4
1.0s 21.50nm 5.1mb
eS 45 46.00
CHTO 48.83 256 eP 38 32.70 -0.4
1.0s 19.75nm 5.1mb
pP 38 49 80 67kmX
SHL 49.59 268 iP 38 39.00 -0.1
eS 45 42.00
BDT 49.85 254 eP 38 39.00 -0.9
NST 50.16 252 eP 38 44.00 0.7
KHT 51.84 252 eP 38 56.80 0.6
NNT 52.62 249 eP 39 03.00 0.1
ALE 52.79 5 eP 38 59.50 -2.9X
1.0s 13.00nm 4.8mb
KKN 53.05 275 iPc 39 05.00 -0.3
0.7s 8.00nm 4.8mb
PKI 53.08 274 iPc 39 05.20 -0.5

06d 13h

KSH 53.25 292 eP 39 07.00 0.5
YKA 54.76 34 P 39 17.00 -0.2
RSNT 54.77 34 eP 39 17.20 0.0
pP 39 33.30 61kmX
IPM 57.72 242 ePd 39 39.90 1.0
e 40 23.00
KGM 58.28 238 eP 39 42.00 -0.8
NDI 58.29 281 iP 39 42.00 -0.8
eS 47 43.50
KEV 59.05 340 iP 39 45.20 -2.4X
0.6s 17.00nm 5.4mb
eS 48 08.00
eScS 49 36.00
eSS 52 20.00
DAG 59.31 357 iPd 39 46.50 -2.8X
0.8s 26.12nm 5.4mb
EDM 60.19 43 ePc 39 54.60 -1.1
1.1s 101.00nm 5.9mb
PSI 60.50 242 ePc 39 57.80 -0.3
0.8s 34.20nm 5.5mb
SOD 60.85 338 iP 39 57.80 -2.2
e 40 10.00
NEW 61.03 50 eP 40 00.00 -1.5
e 40 19.00
TRO 61.04 342 eP 39 58.80 -2.4X
AJM 61.74 280 iP 40 03.00 -3.5X
KJF 62.84 335 iP 40 11.00 -2.3
1.0s 112.00nm 6.0mb
i 40 24 00
eS 48 48.00
eScS 50 06.00
eSS 53 12.00
MIN 62.96 59 eP 40 22.00 7.4X
SES 63.01 45 eP 40 14.00 -0.7
HYB 64.33 270 eP 40 22.50 -1.3
1.0s 50.00nm 5.6mb
SUF 64.41 335 iP 40 21.80 -1.8
0.6s 111.30nm 6.2mb
QUE 64.57 288 eP 40 24.80 -0.6
FFC 64.60 37 ePc 40 24.20 -0.8
1.0s 27.00nm 5.4mb
LRM 65.04 50 eP 40 28.10 -0.3
WB2 65.05 196 eP 40 27.20 -1.0
e 43 14.50
WRA 65.05 196 Pd 40 27.40 -0.8
0.9s 17.80nm 5.2mb
BMN 65.59 57 eP 40 32.00 0.2
0.9s 5.66nm 4.7mb
pP 40 50.00 68kmX
MHI 65.81 298 eP 40 33.00 -0.2
eS 49 34.00
GDH 65.85 9 iPd 40 32.00 -0.8
1.0s 36.00nm 5.5mb
HPI 65.99 52 P 40 34.60 0.1
NUR 66.55 334 iP 40 35.80 -1.5
0.7s 90.80nm 6.1mb
Z 18s 1.70um 5.3Msz
i 40 48.20
eS 49 30.00
eScS 50 38.00
eSS 54 12.00
EUR 66.93 57 iP 40 40.20 -0.3
0.2s 18 14nm 5.9mb
POO 67.00 274 iPc 40 39.50 -1.4
1.0s 50.00nm 5.6mb
CWC 67.52 61 eP 40 26.00 -18.2X
GBA 67.64 267 P 40 44.10 -0.8
ISA 67.76 62 eP 40 45.00 -0.5
VPEM 67.99 61 P 40 47.20 0.1
CLC 68.22 61 eP 40 48.00 -0.4
DUG 68.37 55 P 40 49.70 0.3
FFB 68.54 17 ePc 40 48.20 -1.6
0.8s 40.00nm 5.6mb
pP 41 01.00 44kmX
BDW 68.57 51 eP 40 50.50 -0.2
1.0s 7.80nm 4.8mb
pP 41 08.30 66kmX
ASPA 68.76 195 eP 40 53.00 1.3
SBB 68.78 62 eP 40 41.00 -10.9X
MWC 68.93 63 eP 40 54.00 1.0
CSC 69.04 61 eP 40 53.00 -0.5
UPP 69.21 336 iPc 40 52.80 -1.2
i 41 04.60
RVP 69.51 62 eP 40 57.00 0.7
MSU 69.83 56 P 40 58.90 0.4
KOD 69.89 265 eP 40 58.00 -1.2
eS 50 08.00

NB2 69.95 340 P 40 57 40 -1.2
0.8s 144.70nm 6.2mb
HFS 70.08 338 eP 41 10.10 10.8X
0.7s 104.50nm
HFS 70.08 338 ePc 40 58.10 -1.2
0.7s 72.50nm 5.9mb
Z 17s 2.13um 5.5MszX
LR 08 34.00
PLM 70.25 63 eP 41 02.00 0.9
AKU 70.25 354 iPc 41 00.70 0.5
1.0s 64.00nm 5.7mb
i 41 13.30
TPC 70.28 61 eP 40 50.00 -11.1X
RSSD 70.69 47 eP 41 02.60 -1.0
1.1s 11.63nm 4.9mb
pP 41 20.30 65kmX
RSON 70.90 37 eP 41 03.30 -1.2
0.9s 11.76nm 5.0mb
KONO 71.56 340 eP 41 07.20 -1.1
GLA 71.74 62 eP 41 10.00 0.1
BER 71.92 342 iP 41 10.20 -0.2
Z 19s 2053.00um 8.4MszX
TAB 72.73 306 eP 41 17.00 1.2
GOL 72.98 51 e(P) 41 16.80 -0.6
1.2s 18.85nm 5.0mb
COP 74.24 336 eP 41 24.00 0.0
0.6s 40.00nm 5.6mb
i 41 36.00
MUD 74.47 338 eP 41 26.00 0.6
0.7s 20.40nm 5.3mb
i 41 37.00
SHI 74.55 296 eP 41 25.00 -1.6
KER 74.78 303 ePc 41 28.00 0.2
ALO 75.62 55 eP 41 32.20 -0.5
1.0s 22.50nm 5.2mb
Z 18s 0.77um 5.1Msz
epP 41 50.00 65kmX
MSL 75.73 307 iP 41 39.50 6.5X
i 41 56.00
KRA 76.48 329 iPc 41 36.90 -0.1
0.9s 84.00nm 5.8mb
Z 16s 3.60um 5.8MszX
N 16s 2.40um
E 16s 2.70um
i 41 49.40
eS 51 23.00
SPC 77.08 328 eP 41 41.00 0.4
VRI 77.10 323 eP 41 42.00 1.5
KSP 77.13 332 iPc 41 40.30 -0.3
1.0s 74.00nm 5.7mb
JOS 77.54 328 iPc 41 43.20 0.4
MLR 77.73 323 ePd 41 44.00 -0.2
ISR 77.75 322 eP 41 45.00 0.8
CLL 77.83 334 iPc 41 44.30 -0.1
1.3s 110.00nm 5.8mb
ipP 41 56.40 40kmX
BRG 77.89 333 iPc 41 44.00 -0.8
1.1s 52.00nm 5.5mb
Z 20s 3.00um 5.6Msz
N 20s 1.00um
E 20s 3.50um
CMP 78.30 323 ePd 41 52.00 4.8X
EKA 78.36 344 Pd 41 47.50 0.3
0.9s 51.90nm 5.6mb
WIT 78.38 338 eP 41 48.00 0.6
PRU 78.45 332 iPc 41 48.00 0.2
1.2s 51.20nm 5.5mb
Z 17s 1.80um 5.5MszX
N 16s 1.40um
E 16s 1.50um
e 42 00.50
COZ 78.56 324 eP 41 50.00 1.3
CGN 78.75 322 eP 41 50.00 0.4
MOX 78.84 334 ePc 41 49.50 -0.5
1.2s 55.00nm 5.5mb
Z 16s 2.10um 5.6MszX
N 19s 1.70um
E 20s 2.30um
eS 51 45.00
SRO 78.94 329 iPc 41 51.70 1.2
i 42 04.50
BUD 78.95 328 eP 41 50.20 -0.4
1.6s 169.20nm 5.8mb
ZST 79.07 330 iPc 41 51.50 0.3
i 42 04.50
WTS 79.07 337 eP 41 51.50 0.3
1.0s 55.00nm 5.5mb

e 42 03.50
VKA 79.30 330 iPc 41 52.90 0.4
1.0s 65.80nm 5.6mb
i 42 05.50
CLO 79.41 325 ePd 41 53.00 -0.2
KHC 79.51 332 iPc 41 54.00 0.3
1.0s 85.50nm 5.7mb
Z 17s 1.80um 5.5MszX
N 16s 1.20um
E 16s 1.10um
i 42 06.80
RTB 79.70 306 eP 42 12.00 17.1X
WET 79.73 333 iPc 41 55.40 0.5
1.2s 81.00nm 5.6mb
Z 17s 1.90um 5.5MszX
GPA 79.75 317 eP 41 55.00 -0.1
GRF 79.80 334 iPc 41 55.80 0.6
1.2s 102.00nm 5.7mb
Z 19s 1.10um 5.2Msz
e 42 08.80
PVL 79.93 322 eP 41 55.00 -1.0
TNS 80.18 336 ePc 41 57.20 -0.1
OCO 80.34 49 eP 42 16.70 18.3X
DMU 80.41 346 iPc 41 58.40 0.0
1.0s 214.00nm 6.1mb
ENN 80.42 337 eP 41 58.50 0.0
1.0s 65.00nm 5.6mb
e 42 11.00
MEM 80.54 337 P 41 59.40 0.3
BEO 80.58 326 IP 41 58.90 -0.5
IPcP 42 11.90
DIM 80.62 321 iP 42 00.00 0.4
DDK 80.80 345 eP 42 00.20 -0.2
1.2s 145.00nm 5.9mb
UCC 80.82 338 P 42 04.00 3.4X
DLE 80.93 346 iPc 42 01.00 -0.1
1.0s 134.00nm 5.9mb
BHG 80.96 332 eP 42 01.70 0.3
PLD 80.97 322 eP 42 02.00 0.5
TUL 80.97 48 eP 42 04.20 2.5
1.3s 105.70nm 5.7mb
Z 22s 0.73um 5.0Msz
N 20s 0.39um
E 19s 0.70um
e 42 19.90
DCN 81.01 346 iPc 42 01.40 -0.1
1.0s 123.00nm 5.9mb
KDZ 81.04 321 iP 42 03.00 1.1
FUR 81.11 333 eP 42 02.30 0.1
0.8s 43.00nm 5.5mb
RLO 81.19 48 eP 42 02.50 -0.3
i 42 20.20
VTS 81.23 323 iPc 42 03.00 0.2
LTX 81.24 58 eP 42 04.00 0.7
pP 42 21.90 65kmX
WLF 81.35 337 Pc 42 06.60 3.3X
KBA 81.36 331 ePc 42 03.50 -0.2
1.2s 65.60nm 5.6mb
i 42 04.50
i 42 08.20
i 42 18.00
DOU 81.40 338 P 42 03.40 -0.2
Z 21s 2.20um 5.5Msz
ETA 81.44 345 iPc 42 03.80 0.1
0.8s 50.00nm 5.6mb
BCK 81.78 315 eP 42 05.10 -0.8
MMB 81.81 322 iPc 42 06.00 0.0
LJU 81.83 330 eP 42 05.30 -0.6
e 42 17.80
ECB 81.86 345 iPc 42 06.10 0.2
1.0s 110.00nm 5.9mb
ECP 81.96 345 iPc 42 06.70 0.3
0.8s 110.00nm 6.0mb
VOY 82.07 330 eP 42 06.10 -1.2
e 42 20.20
CDF 82.15 336 eP 42 07.70 0.0
1.0s 44.00nm 5.5mb
FVM 82.17 44 eP 42 07.90 0.0
0.5s 6.30nm 5.0mb
pP 42 25.20 62kmX
HRI 82.19 309 eP 42 09.50 1.3
OGA 82.33 333 iPc 42 09.00 0.2
0.8s 51.00nm 5.7mb
i 42 22.40
TRI 82.39 330 i(P) 42 07.80 -1.0
i 42 21.20
e(S) 52 23.00

			e(SP)	53	24.00	
			e(SS)	58	38.00	
			e(SSS)	01	28.00	
OTT	82.47	30	eP	42	26.00	16.8X
SKO	82.50	324	iPc	42	09.50	0.0
	1.0s	70.00nm				5.7mb
			iPcP	43	21.70	
			eS	52	26.00	
SAX	82.54	334	eP	42	09.00	-1.0
VAY	82.54	322	iP	42	10.00	0.3
ZUL	82.64	334	eP	42	09.50	-0.7
ELL	82.67	315	eP	42	11.80	1.1
OSS	82.78	333	eP	42	11.00	-0.1
HAU	82.79	336	eP	42	11.20	0.3
	0.8s	9.10nm				5.0mb
BSF	82.81	336	eP	42	11.00	-0.2
CTI	82.83	332	eP	42	10.50	-0.8
VAL	82.85	347	eP	42	13.00	1.9
LLS	82.99	334	eP	42	12.10	-0.1
TTG	83.04	325	eP	42	12.20	-0.1
MNT	83.12	29	eP	42	24.00	11.4X
VDL	83.18	333	eP	42	13.40	0.2
OHR	83.48	323	eP	42	13.00	-1.7
			e	42	21.70	
SAL	83.60	332	eP	42	15.00	-0.1
JER	83.61	309	ePd	42	16.00	0.5
FLN	83.93	340	iPc	42	16.80	0.1
	0.8s	16.10nm				5.3mb
LDF	84.00	340	eP	42	17.20	0.1
MMK	84.04	334	eP	42	18.30	0.6
LOR	84.17	337	iPc	42	18.00	0.0
	0.9s	27.80nm				5.5mb
DIX	84.19	334	eP	42	18.50	0.0
EMS	84.35	335	eP	42	19.10	-0.1
GRR	84.37	341	iPc	42	19.30	0.4
	0.7s	26.20nm				5.6mb
LBF	84.40	337	iPc	42	19.20	0.0
	1.1s	18.90nm				5.2mb
ORO	84.42	334	eP	42	19.50	0.1
SSF	84.46	337	iPc	42	19.60	0.2
LPF	84.74	341	iPc	42	21.30	0.5
	0.8s	30.80nm				5.6mb
SMF	84.74	337	iPc	42	21.30	0.4
	1.1s	80.50nm				5.9mb
AVF	84.75	337	iPc	42	21.40	0.5
	1.0s	31.20nm				5.5mb
PRNI	84.79	308	eP	42	23.00	1.6
AQU	85.41	329	eP	42	25.00	0.7
MZF	85.49	338	iPc	42	25.50	0.9
	1.1s	73.20nm				5.8mb
TCF	85.53	338	iPc	42	25.40	0.6
	0.9s	18.10nm				5.3mb
DUI	85.61	328	eP	42	25.00	-0.2
MNS	85.65	329	eP	42	25.00	-0.4
LSF	85.74	338	iPc	42	26.50	0.6
MFF	85.86	339	iPc	42	26.50	0.1
	1.0s	56.00nm				5.7mb
RMP	86.14	329	eP	42	28.00	0.1
ORI	86.19	326	eP	42	28.50	0.4
SGO	86.22	327	e(P)	42	27.00	-1.3
FRF	86.69	334	iPc	42	30.80	0.2
	1.0s	26.00nm				5.4mb
STJ	86.81	15	eP	42	31.50	0.4
CAF	86.82	337	iPc	42	32.50	1.2
	0.9s	28.50nm				5.5mb
CVF	86.84	332	iPc	42	31.20	-0.2
	0.9s	26.20nm				5.5mb
LRG	86.88	334	iPc	42	32.00	0.5
	1.0s	79.10nm				5.9mb
LMR	86.94	334	iPc	42	32.00	0.2
	0.9s	63.50nm				5.8mb
LFF	87.17	338	iPc	42	34.00	1.1
	1.0s	45.90nm				5.7mb
LPO	87.28	338	iPc	42	34.70	1.2
	0.8s	25.80nm				5.5mb
EPF	89.04	338	iPc	42	43.40	1.4
	1.0s	10.00nm				5.0mb
PRM	89.20	41	eP	42	43.10	0 3
			pP	43	00.90	63kmX
LGR	90.33	340	e(P)	42	45.00	-3.0X
MTD	121.34	277	ePKP	48	54.00	13.2X
KIC	124.69	328	e(PKP)	48	46.40	-0.9
			e	50	28.60	
BUL	125.66	276	iPKP	48	49.00	-0.2
	0.9s	3.78nm				
			i	49	07.00	
SLR	129.36	271	ePKP	48	57.00	0.9

BLF	132.84	269	e(PKP)	49	21.00	18.4X
LPB	138.24	61	PKP	49	14.00	0.5
	Z 19s		0.35um			5.1Msz
			LR	37	50.00	
CNCB	138.53	61	PKP	49	15.00	0.8
TPZ	141.42	67	ePKP	49	21.00	1.9X
SOB1	144.26	17	ePKP	49	21.30	-2.4X
ITR	144.30	13	ePKP	49	21.20	-2.6X
			e	49	32.80	
			e	49	36.60	
			e	49	45.30	
			e	49	52.20	
PEL	147.22	85	ePKP	49	29.50	1.4
TACH	147.29	86	ePKP	49	30.50	2.3X
PCH	147.58	85	ePKPc	49	31.50	2.7X
BAO	148.17	33	PKPd'	49	33.50	3.3X
	S.D. = 0.8		on 211 of 250 obs.			

? FEB 06, 1985 13h 40m 00.10± 1.38s
28.804 S ± 8.3km 71.772 W ±13.6km
DEPTH = 54.4 ± 22.9 km
NEAR COAST OF CENTRAL CHILE (135)

VCA	3.14	90	ePc	40	50.80	2.5
			S	41	05.00	
			e	41	14.50	
			S	41	28.50	
RTLL	3.81	132	eP	40	58.30	0.5
			S	41	44.00	
JACH	4.00	166	iPc	41	01.00	0.6
			i(S)	41	48.70	
CFA	4.14	133	ePc	41	01.80	-0.6
ROCH	4.21	171	eP	41	03.50	0.0
			i(S)	41	51.00	
PEL	4.43	168	iPd	41	06.60	0.2
			i(S)	42	02.00	
BACH	4.67	167	iP	41	10.00	0.2
			i(S)	42	07.00	
SAN	4.73	169	eP	41	11.50	0.8
			i(S)	42	10.50	
TACH	4.89	172	iP	41	12.90	0.0
			i(S)	42	12.00	
PCH	4.92	168	eP	41	13.50	0.0
			i(S)	42	14.30	
LNV	5.15	177	iPc	41	15.20	-1.3
			i(S)	42	13.00	
CHCH	5.20	170	iP	41	17.00	-0.4
ANT	5.22	14	e(P)	41	17.00	-0.6
CYA	5.27	88	e(P)	41	17.50	-0.7
			S	42	16.00	
TCA	6.72	114	ePc	41	35.90	-2.7
			S	42	44.60	
TPZ	7.81	21	eP	42	22.00	27.9X
VBA	12.32	141	e(P)	42	51.20	-3.9X
CNCB	12.44	17	P	43	04.00	6.8X
			(S)	44	04.00	
LPB	12.67	16	eP	43	08.00	7.8X
			(S)	46	38.00	
VAO	23.03	81	e(P)	45	05.00	3.6X
ITR	37.14	64	eP	47	08.10	0.6
	S.D. = 1.2		on 16 of 21 obs.			

% FEB 06, 1985 15h 10m 35.02± 0.65s
33.444 S ± 4.3km 70.949 W ± 5.8km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)

TACH	0.21	177	iPd	10	40.00	0.4
SAN	0.24	92	iPc	10	40.20	0.0
			iS	10	43.70	
PEL	0.37	37	iPc	10	43.30	0.6
			iS	10	49.00	
BACH	0.39	77	iPc	10	43.00	-0.1
PCH	0.40	116	iPd	10	43.00	-0.3
			iS	10	50 00	
ROCH	0.47	354	iPd	10	44.70	0.0
			iS	10	51.60	
CHCH	0.55	153	iP	10	54.70	8.6X
LNV	0.64	217	iPc	10	47.60	-0.2
JACH	0.82	22	iPc	10	50.50	-0.4
	S.D. = 0.4		on 8 of 9 obs			

FEB 06, 1985 15h 27m 17.27± 0.38s
43.865 N ± 8.4km 149.250 E ± 5.8km
DEPTH = 47.3km (15 depth phases)
5.3mb (51 obs) 5.2Msz (5 obs.)
KURIL ISLANDS REGION (222)

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 13C
Centroid Location:
Origin Time 15:27:13.3 1.5
Lat 43.85N 0.12 Lon 150.32E 0.23
Dep 10.0 FIX Half-duration 1.4
Moment Tensor; Scale 10**23 D-CM
Mrr= 3.97 0.31 Mtt=-1.39 0.36
Mff=-2.57 0.45 Mrt= 3.57 1.15
Mrf= 3.36 1.27 Mtf=-2.27 0.33
Principal Axes.

	Val=	Plg=	Azm=
T	6.28	65	323
N	0.29	5	223
P	-6.57	25	131

Best Double Couple:Mo=6.4**23
NP1:Strike=210 Dip=21 Slip= 77
NP2: 45 70 95

OBI	4.49	260	eP	28	23.00	-1.5
			e	29	10.00	
SAP	5.82	265	eP	28	41.60	-2.2
			eS	29	57.00	
MDJ	14.12	280	eP	30	33.00	-3.1X
			eS	33	06.00	
SHK	15.85	240	eP	30	55.80	-2.8X
SNY	18.91	273	eP	31	34.50	-2.2X
DL2	21.26	266	P	32	00.80	-0.6
BJI	24.80	273	eP	32	35.50	-0.5
	Z 17s		3.50um			4.9MszX
			ePP	33	10.00	
			eS	37	00.00	
TIA	25.64	264	P	32	44.00	0.0
HHC	27.85	277	eP	33	05.20	0.8
			eS	37	47.00	
TIY	28.38	270	P	33	09.50	0.5
			S	37	57.00	
BTO	29.05	277	P	33	14.50	-0.6
			S	38	06.00	
QZH	31.30	243	eP	33	36.00	1.0
XAN	32.58	266	eP	33	43.80	-2.4
LZH	35.29	273	Pc	34	09.50	-0.2
GZH	36.03	247	P	34	18.00	2.2
			S	40	00.00	
HKC	36.03	245	e(P)	34	18.00	2.2
TTA	36.38	39	P	34	18.00	-0.5
	1.1s	31.25nm				5.1mb
BAG	36.58	231	eP	34	20.00	-0.8
GTA	36.77	281	Pc	34	22.10	0.0
			ScS	44	36.50	
IMA	37.73	34	eP	34	29.00	-0.9
QCP	37.76	228	eP	34	29.00	-1.4
CD2	37.93	266	P	34	31.80	0.0
			eS	40	23.00	
GYA	38.43	257	Pd	34	36.40	0.3
			S	40	30.00	
PME	39.61	41	eP	34	44.50	-0.9
	1.0s	12.50nm				4.7mb
COL	40.11	36	eP	34	49.00	-0.5
	0.8s	18.28nm				4.9mb
FBA	40.11	36	P	34	48.80	-0 7
	1.0s	28.00nm				5.0mb
KMI	42 03	259	Pc+	35	06.00	0.0
	N 18s		1.00um			
			pP	35	20.00	53km
			eS	41	24.00	
WMQ	43.46	292	iPc	35	17.00	-0.3
LSA	47.71	273	P	35	52.10	0.4
LOE	47.80	252	eP	35	51.00	-1.0
CHG	48.78	256	eP	36	01.00	1.5
CHTO	48.78	256	eP	36	00.40	0.9
	1.2s	10.42nm				4.7mb
			pP	36	17.00	65kmX
SHL	49.56	268	iP	36	05.40	-0.3
BDT	49.80	254	eP	36	06.00	-1.3
KKN	53.03	275	eP	36	31.40	-0.5
PKI	53.06	275	eP	36	31.40	-0.9
KSH	53.26	292	eP	36	34.00	0.7
			iPcP	37	42.00	
YKA	54.86	34	P	36	44.00	-0.6
NDI	58.28	281	iPc	37	08.50	-1.0
	0.8s	52.24nm				5.7mb
			eS	45	09.50	
DAG	59.40	357	iPd	37	14.60	-2.0
	0.8s	12.69nm				5 1mb
EDM	60.28	43	eP	37	23.50	0.5
PSI	60.43	242	eP	37	25.00	0.7

06d 15h

SOD 60.93 338 iP 37 24.60 -2.6
NEW 61.11 50 eP 37 30.00 1.3
e 37 45.00 55km
KJF 62.91 335 iP 37 39.10 -1.3
1.0s 54.00nm 5.6mb
HYB 64.30 270 eP 37 50.00 -0.2
SUF 64.48 335 iP 37 48.80 -1.9
0.6s 27.00nm 5.5mb
QUE 64.57 288 eP 37 51.50 -0.6
eS 46 36.00
FFC 64.69 37 ePd 37 51.30 -0.9
1.1s 15.00nm 4.9mb
WB2 64.95 195 eP 37 53.00 -1.2
WRA 64.95 195 Pd 37 50.60 -3.6X
0.7s 3.30nm 4.5mb
LRM 65.13 50 eP 37 54.10 -1.4
BMN 65.66 57 P 37 58.00 -0.9
1.0s 15.00nm 5.0mb
MHI 65.83 298 eP 38 13.00 13.1X
eS 47 10.00
NUR 66.62 334 iP 38 02.60 -1.8
0.7s 28.00nm 5.4mb
Z 18s 1.00um 5.1Msz
POO 66.97 274 eP 38 07.00 -0.4
EUR 67.00 57 iP 38 07.70 0.1
0.2s 5.58nm 5.3mb
CWC 67.59 61 eP 38 14.00 2.7
GBA 67.61 267 P 38 12.00 0.7
1.1s 10.00nm 4.8mb
ISA 67.83 61 eP 38 14.00 1.4
CLC 68.29 61 eP 38 22.00 6.6X
FRB 68.64 17 eP 38 15.00 -2.0
pP 38 28.00 45km
BDW 68.65 51 P 38 17.00 -0.8
1.0s 19.00nm 5.0mb
pP 38 35.00 67kmX
SBB 68.85 62 eP 38 31.00 12.0X
PAS 68.97 63 eP 38 07.00 -12.6X
MWC 69.00 62 eP 38 04.00 -16.0X
GSC 69.11 61 eP 38 33.00 12.4X
UPP 69.29 336 iP 38 19.20 -1.8
i 38 31.10 40km
KOD 69.85 265 eP 38 25.00 -0.6
NB2 70.03 340 P 38 24.00 -1.7
1.0s 54.60nm 5.5mb
HFS 70.16 338 eP 38 24.50 -1.9
0.8s 26.10nm 5.2mb
Z 18s 1.08um 5 1Msz
LR 05 36.00
PLM 70.32 62 eP 38 45.00 16.9X
TPC 70.35 61 eP 38 31.00 2.9X
RSON 70.99 37 P 38 30.00 -1.6
TAB 72.76 306 eP 38 45.00 2.4
SHI 74.57 296 e(P) 38 49.00 -4.2X
ALQ 75.70 55 eP 38 57.50 -2.1
1.3s 21.63nm 4.9mb
epP 39 12.50 53km
CLI 76.38 323 eP 39 01.00 -2.1
KRA 76.55 329 eP 39 03.70 -0.2
0.9s 42.00nm 5.4mb
Z 16s 2.10um 5.5MszX
N 16s 1.70um
E 16s 1.90um
e 39 16.20 42km
SPC 77.15 328 eP 39 17.50 10.1X
VRI 77.16 323 eP 39 08.00 0.7
KSP 77.20 332 iPd 39 07.30 -0.2
1.4s 86.00nm 5.6mb
JOS 77.60 328 eP 39 10.40 9.7
MLP 77.79 323 eP 39 12.00 1.0
!SP 77.81 322 eP 39 13.00 2.0
CLL 77.90 334 iPd 39 11.00 -0.3
1.5s 51.00nm 5.3mb
ipP 39 26.10 53km
BPS 77.97 333 iP 39 11.50 -0.2
1.0s 20.00nm 5.1mb
Z 20s 2.00um 5.4Msz
N 20s 0 50um
E 20s 2.00um
e 39 23.90 42km
EKA 78 44 344 Pc 39 13.10 -1.1
1.3s 51.30nm 5.4mb
WIT 78.46 338 eP 39 17.00 2.7
PRU 78.52 332 P 39 15.10 0.4
1.4s 36.00nm 5.2mb
Z 17s 1.10um 5.3MszX
N 16s 0.80um
E 15s 0.80um
e 39 28.50 46km
COZ 78.62 324 eP 39 17.00 1.4
MOX 78.92 334 eP 39 17.00 0.1
1.4s 36.00nm 5.1mb
Z 16s 1.20um 5.3MszX
N 20s 1.10um
E 20s 1.20um
e 39 29.00 40km
SRO 79.01 329 iPd 39 19.10 1.7
ZST 79.14 330 iPd 39 14.00 -4.1X
WTS 79.15 337 eP 39 18.00 -0.1
1.0s 18.00nm 5.0mb
CLO 79.47 325 eP 39 20.00 0.0
KHC 79.58 332 iPc 39 20.20 -0.4
1.2s 55.00nm 5.4mb
Z 17s 1.10um 5.3MszX
N 16s 0.80um
E 16s 0.60um
i 39 33.90 47km
i 39 58.80
GRF 79.87 334 iPc 39 22.20 0.1
1.3s 60.00nm 5.4mb
Z 19s 0.60um 5.0Msz
ENN 80.50 337 eP 39 25.50 0.1
1.0s 39.00nm 5.3mb
e 39 41.50 57km
MEM 80.62 337 P 39 26.00 0.0
FUR 81.19 333 eP 39 29.50 0.4
LTX 81.31 58 P 39 30.00 -0.2
WLF 81.43 337 P 39 33.70 3.5X
DOU 81.47 338 P 39 32.20 1.7
Z 20s 1.90um 5.5Msz
LJU 81.89 330 e(P) 39 29.00 -3.8X
e 39 46.00 61kmX
VOY 82.13 330 e(P) 39 29.00 -5.1X
e 39 37.70 28kmX
e 39 46.90
CDF 82.22 336 iPd 39 34.80 0.2
1.4s 34.80nm 5.2mb
OGA 82.40 333 iPd 39 36.10 0.4
TRI 82.46 330 e(P) 39 34.00 -1.7
e 39 47.40 46km
e(S) 49 56.00
e(SPP) 51 24.00
e(SS) 56 04.00
e(SSS) 59 20.00
SKO 82.56 324 iPd 39 37.00 0.7
Z 17s 1.44um 5.4MszX
E 18s 1.30um
i 39 48.70 38km
LR 16 19.00
VAY 82.60 322 iP 39 36.70 0.2
JCT 82.80 54 eP 39 37.50 -0.3
1.1s 31.65nm 5.3mb
HAU 82.86 336 eP 39 37.90 0.1
BSF 82.89 336 eP 39 38.20 0.2
CTI 82.91 332 eP 39 37.00 -1.2
OHR 83.54 323 eP 39 26.30 -15.2X
e 39 41.30 52km
SAL 83.67 332 eP 39 42.00 0.1
FLN 84.01 340 iPd 39 44.00 0.4
1.6s 49.70nm 5.3mb
LDF 84.08 340 eP 39 44.40 0.5
LOR 84.25 337 iPd 39 45.50 0.6
1.3s 21.60nm 5.1mb
GRR 84.45 341 iPd 39 46.50 0.7
1.3s 41.60nm 5.4mb
LBF 84.47 337 eP 39 46.80 0.8
1.2s 13.70nm 4.9mb
ORO 84.49 334 e(P) 39 46.00 -0.2
SSF 84.54 337 eP 39 46.80 0.5
SMF 84.82 337 iPd 39 48.30 0.6
1.1s 31.70nm 5.4mb
LPF 84.83 340 eP 39 48.50 0.8
1.3s 33.40nm 5.3mb
AVF 84.83 337 iPd 39 48.40 0.7
1 6s 58.30nm 5.5mb
BGF 85 18 337 iPd 39 50.40 0.9
AQU 85.48 329 e(P) 39 42.00 -9.1X
MZF 85.57 337 iPd 39 52.90 1.4
1 3s 51 40nm 5.6mb
TCF 85.60 338 iPd 39 52.50 0.8
1.8s 41 60nm 5.3mb
MNS 85 72 329 e(P) 39 52.50 0.3
LSF 85.82 338 iPd 39 53.80 1.1
1.1s 22 60nm 5.3mb
MFF 85.94 339 iPd 39 54.20 0.9
1.5s 41.70nm 5.4mb
RJF 86.70 338 eP 39 58.20 1.1
1.4s 33.50nm 5.4mb
FRF 86.76 334 iPd 39 57.90 0.5
1.1s 23.30nm 5.3mb
CAF 86.90 337 iPd 39 59.80 1.7
1.5s 36.50nm 5.4mb
CVF 86.92 332 iPd 39 58.50 0.3
0.8s 13.40nm 5.2mb
LRG 86.95 334 iPd 39 59.30 1.0
0.8s 19.50nm 5.4mb
LMR 87.01 334 iPd 39 59.30 0.7
0.9s 14.40nm 5.2mb
LFF 87.25 338 iPd 40 01.40 1.7
1.2s 29.70nm 5.4mb
LPO 87.36 338 eP 40 02.10 1.8
1.6s 59.70nm 5.6mb
EPF 89.12 338 eP 40 10.10 1.3
KIC 124.76 328 ePKP 46 31.70 18.1X
SPA 133.67 180 ePKP 46 41.70 12.4X
0.8s 8.33nm
LPB 138.31 61 (PKP) 46 32.30 -7.6X
LR 39 40.00
CNCB 138.60 61 (PKP) 46 32.00 -8.6X
YJA 144.09 64 e(PKP) 46 49.60 -0.4
ITR 144.40 13 ePKP 46 47.40 -2.8X
TCA 150.62 76 ePKPd 47 06.40 6.6X
S.D. = 1.2 on 124 of 150 obs.

FEB 06, 1985 16h 08m 56.00± 0.47s
44.489 N ± 3.8km 114.336 W ± 5.9km
DEPTH = 10.0km (geophysicist)
WESTERN IDAHO (33)
ML 3.8 (NEIS). Felt (IV) at
Clayton and (III) at Challis.

HPI 1.18 131 P 09 17.60 -0.7
LRM 1.89 44 iPnd 09 28.80 0.0
iPg 09 30.90
BUT 1.97 39 ePn 09 30.50 0.5
iPg 09 33.00
iSg 09 56.80
TMI 2.11 123 P 09 32.00 0.0
LCCM 2.20 51 ePnc 09 32.80 -0.5
iPg 09 36.00
IMW 2.51 102 P 09 38.60 0.8
SXM 2.76 52 ePn 09 41.80 0.5
iPg 09 47.00
HRY 2.83 37 ePn 09 42.10 -0.1
ePg 09 47.60
BDW 3.86 115 P 10 00.00 3.1X
NEW 4.24 334 eP 10 02.00 -0.1
eLg 11 12.00
RXF 4.41 353 iPc 10 05.30 0.7
iS 11 15.70
DUG 4.44 165 P 10 04.50 -0.5
BMN 4.58 209 e(P) 10 07.00 -0.1
EUR 5.15 194 eP 10 16.00 0.8
FFC 12.98 34 eP 12 09.00 5.9X
YKA 18.04 360 P 13 06.80 -1.3
S.D. = 0.7 on 14 of 16 obs.

% FEB 06, 1985 16h 16m 12.9B±12.09s
32.212 S ±91.4km 71.203 W ±37.5km
DEPTH = 33.0km (normol)
NEAR COAST OF CENTRAL CHILE (135)

JACH 0.70 132 iP 16 26.30 -0.2
iS 16 44.10
ROCH 0.77 168 iPd 16 41.30 13.6X
PEL 1.03 155 iPc 16 30.80 -0.3
iS 16 52.00
BACH 1.29 152 iPc 16 35.00 0.2
FCH 1.35 146 iP 16 36.60 0.6
TACH 1.45 171 iP 16 37.80 0.6
PCH 1.52 158 iP 16 37.70 -0.5
i(S) 17 05.90
LNV 1.75 186 iP 16 41.30 -0.1
CHCH 1.78 165 iP 16 41.70 -0.2
iS 17 13.60
S.D. = 0.5 on 8 of 9 obs.

• FEB 06, 1985 16h 21m 01.38± 1.50s
51 016 N ±14.5km 15.851 E ± 8.0km
DEPTH = 10.0km (geophysicist)
POLAND (548)

ML 3.1 (KBA), 2.6 (KRA).

KSP	0.33	122	iPd	21	08.00	-0.2
	0.5s	66.00nm				
			IS	21	17.30	
BRG	1.21	264	iPg	21	22.50	-1.5
			ISg	21	42.00	
PRU	1.33	220	Pg	21	26.40	0.6
			Sn	21	45.00	
			Sg	21	51.80	
CLL	1.82	280	e(Pg)	21	34.00	1.1
			eSg	21	56.00	
KHC	2.39	219	Pn	21	41.50	0.3
			Pg	21	48.40	
			eSn	22	15.50	
			Sg	22	28.00	
WET	2.68	227	ePn	21	45.10	-0.2
MOX	2.71	264	ePg	21	50.00	4.2X
			ISg	22	30.00	
VKA	2.77	174	iPg	21	55.80	9.2X
			ISg	22	38.70	
KRA	2.78	109	ePn	21	49.40	2.7X
			eSn	22	28.70	
KBA	4.27	204	iPnc	22	08.00	-0.1
			iSg	23	30.10	

S.D. = 1.0 on 7 of 10 obs.

? FEB 06, 1985 18h 11m 49.34± 3.97s
8.524 S ±24.7km 128.255 E ±33.7km
DEPTH = 121.5 ± 48.7 km
4.5mb (3 obs.)
TIMOR SEA (290)

MTN	5.14	147	eP	13	07.00	1.7
			eS	14	08.00	
KNA	7.20	176	eP	13	32.00	-1.4
			eS	14	51.00	
WRA	12.79	153	Pc	14	47.10	-0.8
	0.5s	12.60nm			4.7mb	
WB2	12.80	153	iPc	14	47.00	-1.0
			i	14	48.20	
			eS	17	09.00	
ASPA	16.00	161	eP	15	29.00	0.2
			eS	18	25.00	
WBN	17.59	185	eP	15	50.00	1.6
PKI	54.83	312	eP	21	09.50	-0.2
	0.6s	3.00nm			4.4mb	
KKN	55.05	313	eP	21	11.20	0.1
	0.7s	3.00nm			4.3mb	

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

• FEB 06, 1985 18h 13m 54.21± 0.93s
44.355 N ± 7.2km 114.418 W ± 9.8km
DEPTH = 10.0km (geophysicist)
WESTERN IDAHO (33)
ML 3.4 (NEIS). Felt at Challis.

HPI	1.15	124	P	14	16.50	0.6
LRM	2.02	43	iPnd	14	27.80	-1.2
			iPg	14	30.30	
TMI	2.09	119	P	14	30.80	0.8
BUT	2.11	38	ePg	14	31.80	1.6X
			eSg	14	57.40	
LCCM	2.33	50	iPn	14	32.00	-1.4
			iPg	14	35.10	
IMW	2.55	99	P	14	37.40	0.9
SXM	2.89	51	ePn	14	42.20	0.9
			iPg	14	46.50	
HRY	2.98	37	ePn	14	41.30	-1.1
			iPg	14	47.30	
LDM	4.15	352	eP	14	59.50	0.5
			eS	15	45.40	
NEW	4.33	335	eP	15	03.00	1.3
			eLg	16	12.00	
BMN	4.44	209	e(P)	15	07.50	4.3X
EUR	5.00	194	e(P)	15	10.00	-1.3

S.D. = 1.3 on 10 of 12 obs.

% FEB 06, 1985 18h 24m 03.83± 3.66s
34.239 S ±32.6km 71.028 W ± 9.2km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.43	312	iPd	24	13.20	-0.1
			iS	24	28.70	
CHCH	0.44	46	iP	24	14.00	0.5
			iS	24	29.00	
TACH	0.59	7	iPd	24	16.30	0.6
			IS	24	34.00	
PCH	0.75	35	iPd	24	18.10	0.0
			iS	24	37.30	
BACH	0.99	27	iP	24	21.60	0.1
			IS	24	41.90	
FCH	1.10	34	eP	24	22.70	-0.5
			iS	24	44.10	
PEL	1.13	15	iPc	24	23.00	-0.4
			IS	24	46.30	
ROCH	1.26	1	eP	24	26.00	0.5
JACH	1.60	13	iP	24	29.60	-0.6
			iS	24	34.60	

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

• FEB 06, 1985 19h 00m 12.06± 0.79s
44.896 S ±18.0km 95.351 E ± 8.5km
DEPTH = 10.0km (geophysicist)
4.9mb (4 obs.) 4.6Msz (1 obs.)
SOUTHEAST INDIAN RISE (435)

NWAO	20.73	62	iPd	04	55.20	0.0
	Z 20s	2.70um			4.6Msz	
	N 20s	1.70um				
	E 20s	3.00um				
MUN	20.74	59	eP	04	55.00	-0.3
KLB	21.96	60	eP	05	07.00	-0.6
BAL	22.01	57	eP	05	08.00	-0.2
MRWA	22.63	53	eP	05	15.00	0.7
	1.1s	12.00nm			4.3mb	
ASPA	37.77	69	eP	07	29.00	-1.0
WRA	40.69	65	Pc	07	53.50	-0.8
	1.2s	14.40nm			4.6mb	
WB2	40.70	65	eP	07	53.50	-0.9
WAM	40.95	97	eP	07	58.20	2.0
YOU	41.56	94	eP	08	06.20	4.9X
BUL	59.70	271	eP	10	18.00	-1.3
LOE	62.27	7	eP	10	36.00	-0.4
KMI	70.00	7	eP	11	26.00	0.1
PKI	72.68	351	eP	11	42.60	0.5
	1.6s	44.00nm			5.3mb	
KKN	72.92	351	eP	11	43.80	0.4
	1.4s	35.00nm			5.3mb	
CD2	75.83	7	eP	12	01.10	1.2
QUE	79.08	335	eP	12	19.20	1.1
XAN	79.52	11	eP	12	20.80	0.6
GTA	84.02	3	eP	12	43.80	0.2
BTO	86.12	11	eP	12	53.00	-1.1
BJI	86.60	16	eP	12	56.50	0.2
MHI	87.09	332	eP	13	04.00	5.1X
MBC	145.37	14	ePKP	19	49.00	-1.2
MWC	152.30	101	ePKP	20	08.00	5.4X
PLM	152.66	104	ePKP	20	04.00	0.9
SBB	152.71	100	ePKP	20	10.00	7.1X
ISA	152.76	98	ePKP	20	10.00	7.0X
CLC	153.46	98	ePKP	20	21.00	17.1X
TPC	153.64	103	ePKP	20	12.00	7.8X
GSC	153.75	100	ePKP	20	11.00	6.6X
YKA	155.36	34	PKP	20	15.20	9.7X

S.D. = 0.9 on 22 of 31 obs.

• FEB 06, 1985 19h 19m 46.69± 0.83s
42.100 N ± 9.2km 19.742 E ± 7.4km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.3 (TTG).

TTG	0.49	313	iPg	19	56.00	-0.6
			iSg	20	04.70	
PVY	0.52	19	ePg	19	57.00	-0.3
			iSg	20	06.50	
BDV	0.70	285	ePg	20	01.20	0.6
			eSg	20	14.00	
HCY	0.99	291	ePg	20	05.50	0.1
			eSg	20	20.30	
OHR	1.27	141	ePn	20	09.00	-1.2
			eSn	20	26.50	
SKO	1.27	95	ePn	20	32.00	21.7X
VAY	2.26	109	ePn	20	26.00	1.4

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

FEB 06, 1985 19h 34m 19.49± 0.22s
44.551 N ± 2.7km 114.176 W ± 3.5km
DEPTH = 10.0km (geophysicist)
4.7mb (14 obs.)
WESTERN IDAHO (33)
Felt strongly in the Challis area. Felt (V) at Clayton, (IV) at Carmen, May and Tendoy, (III) at Cobalt, Ellis, North Fork, Lemhi and Shoup. Also felt (III) at Wisdom, Montana.

HPI	1.14	137	P	34	40.00	-1.1
LRM	1.76	43	iPnd	34	51.20	0.7
BUT	1.85	37	ePnd	34	52.70	1.0
			ePg	34	55.60	
			eSg	35	21.00	
TMI	2.05	127	P	34	54.50	-0.2
LCCM	2.07	51	iPnd	34	55.40	0.5
			iPg	34	59.10	
IMW	2.42	105	P	35	00.80	0.8
SXM	2.63	52	ePnc	35	03.60	0.6
			iPg	35	09.10	
HRY	2.72	36	ePn	35	04.50	0.4
CLX	3.72	350	iPd	35	19.10	0.7
BDW	3.78	116	e(P)	35	20.00	0.6
LHD	3.83	346	iPd	35	20.70	0.9
LDM	3.98	349	iPd	35	22.70	0.8
NEW	4.23	332	iPd	35	25.20	-0.3
RXF	4.36	352	iPd	35	27.30	-0.1
YKM	4.44	347	iPd	35	28.80	0.3
DUG	4.47	166	P	35	28.30	-0.6
BMN	4.69	210	P	35	31.20	-1.0
EUR	5.24	195	iP	35	39.00	-0.9
LON	5.79	295	P	35	47.00	-0.5
PNT	6.05	324	eP	35	50.70	-0.4
COR	6.52	273	eP	36	04.00	6.2X
GMW	6.70	300	P	36	01.20	0.9
MNA	6.80	207	e(Pn)	36	06.40	4.5X
			iPg	36	27.10	
			iSg	37	57.50	
MIN	6.92	235	eP	36	08.00	4.5X
			ePg	36	28.60	
RSSD	7.28	90	P	36	11.00	2.3X
WDC	7.34	240	ePn	36	15.20	6.0X
			i	36	34.80	
			eSg	38	19.50	
ORV	7.39	230	e(Pn)	36	15.20	5.2X
			ePb	36	27.20	
FHC	8.14	246	eP	36	25.20	4.7X
			e	38	53.00	
GOL	8.14	123	eP	36	21.50	0.7
GLD	8.20	123	eP	36	22.00	0.5
CWC	8.63	201	eP	36	43.00	15.5X
			e	36	59.00	
FRI	8.64	211	e(P)	36	20.00	-7.4X
EDM	8.70	3	eP	36	25.60	-2.6X
CLC	9.11	198	eP	37	09.00	35.1X
GSC	9.46	193	eP	36	40.00	1.2
			e	37	16.00	
ISA	9.47	202	eP	36	43.00	4.1X
			e	37	15.00	
SBB	10.24	197	eP	37	06.00	16.4X
TPC	10.53	189	eP	36	55.00	1.4
MWC	10.74	198	eP	36	53.00	-3.5X
			e	37	03.00	
PAS	10.84	198	eP	36	58.00	0.3
ALQ	11.28	146	e(P)	37	00.00	-3.9X
GLA	11.49	183	eP	37	10.00	3.3X
FFC	12.87	33	eP	37	15.00	-10.0X
LTX	17.33	148	eP	38	25.30	2.2X
LHC	17.56	68	eP	38	25.00	-0.7
YKC	17.96	360	eP	38	28.00	-2.6X
RSNT	17.96	359	P	38	28.30	-2.3X
	0.9s	37.82nm			4.5mb	
YKA	17.98	359	P	38	28.50	-2.3X
JCT	18.05	136	eP	38	33.00	1.0
	1.1s	18.99nm			4.1mb	
COL	27.59	329	eP	40	09.00	0.7
	0.8s	13.06nm			4.7mb	
FBA	27.59	329	P	40	09.40	1.1
	0.9s	18.75nm			4.8mb	
TTA	30.08	322	P	40	31.40	0.6
	0.9s	6.25nm			4.4mb	
SCH	31.76	54	eP	40	44.00	-1.7
MBC	31.87	358	eP	40	46.50	0.2
FRB	31.95	37	eP	40	47.00	-0.1
ALE	41.30	9	ePd	42	06.10	0.1
	0.9s	7.00nm			4.4mb	
DAG	48.33	18	eP	43	02.00	-0.4
SOD	64.52	16	iP	44	56.50	-1.7
NB2	65.85	26	P	45	05.20	-1.7
	1.0s	6.70nm			4.8mb	

06d 19h

HFS	67.32	25	eP	45	14.40	-1.8
	1.0s	13.20nm			5.1mb	
	Z 16s	0.15um			4.3MszX	
		LR		08	46.00	
KJF	67.52	17	iP	45	16.20	-1.2
	0.8s	14.70nm			5.2mb	
SUF	68.48	18	iP	45	22.60	-0.8
	0.6s	3.70nm			4.8mb	
UPP	68.71	24	iP	45	23.60	-1.2
NUR	70.05	20	iP	45	33.00	0.0
	0.7s	10.70nm			5.1mb	
	Z 17s	0.10um			4.1MszX	
GRR	70.58	40	eP	45	36.20	-0.3
LPF	70.75	41	eP	45	37.20	-0.3
MFF	72.20	41	eP	45	45.90	-0.4
LOR	73.56	39	eP	45	54.10	-0.1
	0.8s	6.70nm			4.7mb	
BGF	73.63	40	eP	45	54.10	-0.5
	0.8s	6.20nm			4.7mb	
AVF	73.69	39	eP	45	55.30	0.4
LBF	73.82	39	eP	45	55.60	-0.2
CLL	74.15	31	e(P)	45	58.00	0.5
CDF	74.17	36	eP	45	57.70	-0.1
LPO	74.25	42	eP	45	58.40	0.2
BSF	74.41	37	eP	45	59.40	0.1
CAF	74.49	41	eP	46	00.20	0.5
	1.0s	8.00nm			4.7mb	
KHC	76.14	32	eP	46	07.30	-1.7
VAY	86.12	31	eP	47	03.00	1.3
SLR	144.41	71	iPKPc	53	56.10	-1.6X
	0.9s	37.82nm				
BPI	144.53	72	iPKPc	53	55.00	-3.0X
	0.8s	17.91nm				
VIR	144.95	75	ePKP	53	56.50	-2.1X
	0.5s	16.90nm				
VIR	144.95	75	ePKP	54	05.00	6.4X
	1.0s	60.00nm				
BLF	145.11	77	e(PKP)	53	59.50	0.7
	0.9s	23.08nm				
GRM	147.76	83	ePKP	54	07.00	4.1X
	1.0s	60.00nm				
	S.D. = 0.8	on 58 of 84 obs.				

FEB 06, 1985 20h 02m 47.41± 0.59s
4.198 S ± 4.1km 143.127 E ± 5.9km
DEPTH = 140.8 ± 7.4 km
4.9mb (9 obs.)
PAPUA NEW GUINEA (202)

WEW	0.81	38	eP	03	10.00	0.0
LAT	4.56	122	eP	03	56.00	0.3
MOM	4.78	63	eP	04	00.00	1.4
PMG	6.54	143	eP	04	22.00	-0.5
LMG	6.84	133	eP	04	26.50	-0.2
ALOA	9.40	131	eP	04	58.00	-2.8
MTN	14.64	233	eP	06	08.00	-1.0
AAI	14.91	271	ePc	06	11.70	-0.6
CTA	16.09	169	iPc	06	28.60	1.6
	1.2s	39.84nm			4 6mb	
		eS		09	30.00	
HNR	17.49	108	eP	06	45.00	0.8
WB2	17.84	208	iPc	06	47.20	-1.1
		eS		10	05.80	
WRA	17.84	208	Pc	06	47.40	-0.9
	0.5s	34.30nm			4.9mb	
DAV	20.80	303	eP	07	22.00	2.8X
ASPA	21.31	204	eP	07	25.00	0.7
CGP	22.27	304	iPd	07	36.00	2.3
WBN	26.97	214	eP	08	18.80	1.0
YOU	30.33	171	eP	08	48.80	1.1
WAM	32.28	171	eP	09	06.00	1.3
		i		09	40.80	
MAU	32.37	233	eP	09	05.00	-0.6
	0.5s	9.00nm			4.8mb	
MEK	32.40	224	eP	09	05.00	-0.9
MRWA	35.78	223	eP	09	35.00	0.2
TATC	35.82	325	eP	09	36.00	0.9
KLB	36.20	218	iPd	09	38.40	0.1
BAL	36.20	221	iPd	09	38.90	0.6
MUN	37.43	219	eP	09	49.00	0.4
NWAO	37.45	217	eP	09	50.00	1.3
OYM	39.58	355	eP	10	05.00	-1.4
SPA	39.76	355	eP	10	06.00	-1.9
DDR	40.15	355	eP	10	10.20	-1.0
TSK	40.30	356	eP	10	07.80	-4.5X
SSE	40.87	331	Pd	10	18.00	1.0
NJ2	42.81	329	Pc	10	33.70	0.9
			eS	16	48.00	
PPI	42.85	274	eP	10	29.50	-4.0X
	0.7s	15.00nm			4.8mb	
		e		11	17.50	
WHN	44.16	323	Pd	10	45.80	2.0
PSI	44.70	278	ePd	10	47.90	-0.5
	1.0s	35.20nm			5.0mb	
LOE	46.15	299	eP	10	58.00	-1.8
GYA	46.62	313	P	11	05.40	1.9
NST	46.91	296	eP	11	06.00	0.2
TIA	46.99	331	eP	11	06.10	0.0
KHT	47.99	294	eP	11	14.20	0.0
KMI	48.86	309	Pc	11	22.00	1.0
CHG	49.14	299	eP	11	23.00	-0.1
CHTO	49.14	299	eP	11	23.00	-0.1
	0.9s	7.89nm			4.5mb	
SNY	49.15	341	eP	11	22.60	-0.1
XAN	49.88	322	eP	11	28.20	-0.3
MDJ	50.09	347	eP	11	29.50	-0.3
CN2	50.36	343	Pc	11	31.20	-0.7
BJI	50.51	333	eP	11	33.00	-0.1
TIY	50.51	328	eP	11	33.20	-0.1
CD2	51.28	316	P	11	39.90	0.7
BTD	53.91	329	Pc	11	58.00	-0.6
LZH	54.36	321	Pc	12	02.50	0.5
SHL	57.81	304	iP	12	26.50	-0.3
GTA	58.92	322	Pc	12	34.30	0.1
			pP	13	08.00	142kmX
PKI	63.93	303	eP	13	08.20	-0.1
	1.1s	59.00nm			5.4mb	
KKN	64.12	304	eP	13	09.60	0.3
KOD	66.94	283	eP	13	28.00	0.4
HYB	67.22	291	eP	13	28.50	-0.5
GBA	67.53	286	Pd	13	28.60	-2.3
	1.0s	25.30nm			5.0mb	
WMQ	68.93	320	eP	13	39.40	0.2
NDI	71.16	302	iPd	13	52.00	-0.9
POO	71.83	291	iPd	13	56.20	-0.9
	1.0s	30.00nm			5.0mb	
QUE	80.22	301	eP	14	45.00	0.7
COL	85.06	24	eP	15	07.00	-1.1
BNG	124.75	272	iPKPd	21	33.00	0.0
	1.0s	10.00nm				
		id		22	09.00	
BCAO	124.76	272	ePKP	21	32.70	-0.3
	1.0s	4.00nm				
		pP		22	08.20	
CNCB	142.85	125	PKP	22	05.00	-2.5X
LPB	142.89	124	PKP	22	03.00	-4.4X
		i		22	43.00	
KIC	147.94	275	ePKP	22	18.80	3.5X
		e		22	54.10	
VAO	151.23	160	e(PKP)	22	27.00	6.8X
	S.D. = 1.0	on 63 of 70 obs.				

FEB 06, 1985 21h 01m 28.61± 0.56s
6.695 N ± 8.2km 72.988 W ± 8.0km
DEPTH = 168.2 ± 6.0 km
4.8mb (5 obs.)
NORTHERN COLOMBIA (99)

BMG	0.38	347	iP	01	51.00	-2.2
BOG	2.32	208	iP	02	11.00	1.7
			iS	02	41.00	
UAV	2.64	44	iPnc	02	13.90	0.9
	0.3s	1598.30nm				
CHN	3.13	237	iP	02	18.00	-1.0
SDV	3.19	47	iPnd	02	20.60	0.8
	0.2s	226.30nm				
LGN	3.83	26	ePn	02	12.00	-15.7X
	0.3s	640.00nm				
TOV	4.41	46	iPnd	02	35.50	0.1
	0.5s	146.20nm				
UPA	6.87	290	ePd	03	05.90	-2.0
	0.5s	28.17nm			4.9mb	
			i	03	52.50	
			iS	04	16.20	
PSO	6.97	219	eP	03	11.00	1.3
CAP	7 09	57	ePn	03	09.70	-1.3
PCJ	11 71	340	iP	04	12.84	1.1
			eS	06	10.60	
GWJ	11.89	342	eP	04	15.19	1.1
			eS	06	15.60	
STH	11 91	342	eP	04	15.99	1.6
			eS	06	19 41	
ATB	22.98	115	Pd	06	23 60	4.1X
LTX	36 64	312	iP	08	21.00	0.3
SCH	48.24	5	eP	09	54.00	0.0
LRM	51.75	326	iPc	10	21.40	0.2
FFC	53.25	339	iPc	10	31.20	-0.5
	0.5s	11.00nm			4.9mb	
FRB	57.03	2	eP	10	57.00	-1.7
YKC	63.37	340	ePc	11	41.50	-0.3
	0.5s	7.00nm			4.8mb	
YKA	63.43	340	P	11	42.20	0.0
KIC	67.75	86	eP	12	10.40	-0.2
MBC	73.95	350	iPc	12	47.30	0.7
	0.6s	14.00nm			4.9mb	
DAG	75.73	11	iPd	12	56.70	-0.1
	0.5s	5.63nm			4.6mb	
SHL	144.72	24	iPKP	20	47.40	-0.4
WB2	150.38	241	iPKPc	21	03.10	6.4X
WRA	150.39	241	PKPd	21	03.30	6.5X
	0.4s	2.90nm				
	S.D. = 1.2	on 23 of 27 obs.				

• FEB 06, 1985 21h 03m 17.42± 0.91s
39.639 N ± 9.0km 16.702 E ± 6.8km
DEPTH = 33.9 ± 12.0 km
3.7mb (3 obs.)
SOUTHERN ITALY (390)

ORI	0.45	335	iPgc	03	28.00	0.7
			iSg	03	41.50	
LCI	1.19	54	ePg	03	39.50	1.7
			iSg	04	02.50	
BRT	1.30	17	iPgc	03	40.50	1.1
			eSg	04	05.00	
SGO	1.41	311	ePg	03	45.00	4.0X
			eSg	04	10.00	
DUI	2.64	321	ePn	04	10.50	11.9X
GIB	2.67	233	eP	03	59.00	-0.1
			e(Sg)	04	30.00	
ULC	3.02	39	ePn	04	03.80	-0.2
			eSn	04	39.00	
BDV	3.09	31	ePn	04	04.50	-0.5
			eSn	04	41.50	
HCY	3.12	25	ePn	04	04.80	-0.5
			eSn	04	41.70	
TTG	3.39	34	ePn	04	09.10	-0.2
			iSn	04	48.00	
OHR	3.46	64	ePn	04	21.00	10.7X
			iSn	05	11.00	
BRY	3.54	22	ePn	04	11.00	-0.5
			eSn	04	49.60	
AQU	3.69	318	e(Pn)	04	30.00	16.5X
PVY	3.85	39	ePn	04	16.50	0.6
			eSn	05	02.00	
IVA	4.03	36	ePn	04	19.40	1.0
			eSn	05	05.20	
MNS	4.10	313	e(Pn)	04	25.00	5.7X
PLE	4.21	28	ePn	04	21.70	0.8
			eSn	05	10.00	
VAY	4.78	68	ePn	04	28.00	-0.9
			i	04	47.50	
BEO	5.88	27	ePn	04	42.50	-2.0
CEY	6.32	345	eP	04	50.90	0.2
			eSn	06	03.50	
LJU	6.60	347	e(Pn)	04	54.30	-0.2
	1.1s	130.00nm			5.6mb	X
			e(Sn)	06	06.50	
VOY	6.71	343	ePn	04	55.40	-0.9
			eSn	06	09.10	
CLO	7.06	38	iPc	05	00.00	-1.1
CTI	7.40	332	e(Pn)	04	55.00	-10.9X
			eSn	05	26.00	
HFS	20.60	356	eP	07	55.70	-0.3
	0.6s	2.20nm			3.7mb	
NB2	21.70	353	P	08	07.20	0.1
	0 6s	1.30nm			3.5mb	
SUF	23.81	11	iP	08	28.80	1.1
	0.5s	1.90nm			3 9mb	
	S.D. = 1.0	on 21 of 27 obs.				

• FEB 07, 1985 00h 41m 59.79± 0.92s
31.111 S ±10.8km 68.099 W ±11.8km
DEPTH = 30.0 ± 9.2 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.39	235	iPd	42	04.10	-4.4X
			S	42	12.00	
CFA	0.51	194	iPc	42	08.50	-1.9
			S	42	15.50	
RTCV	0.84	206	ePc	42	13.10	-2.3

		S	42 25.20		
VCA	2.36	358 ePd	42 37.00	-0.5	
		S	43 06.00		
JACH	2.64	233 iPc	42 42.80	1.5X	
		iS	43 16.90		
FCH	2.89	219 eP	42 47.00	2.0X	
PEL	2.99	227 iP	42 46.80	0.6	
		iS	43 27.30		
TCA	3.01	95 ePc	42 47.90	1.3	
		e	42 53.00		
		S	43 34.80		
BACH	3.02	222 iP	42 48.00	1.3	
		i(S)	43 27.50		
ROCH	3.09	232 eP	42 47.50	-0.4	
		i(S)	43 25.00		
PCH	3.23	219 ePd	42 51.00	1.3	
CYA	3.33	38 e(P)	42 50.50	-0.5	
TACH	3.49	223 iPd	42 54.50	1.1	
		i(S)	43 47.60		
CHCH	3.55	217 eP	42 55.00	0.8	
LNV	3.98	224 iP	42 59.60	-0.7	
SLA	6.76	21 e(P)	44 03.00	23.3X	

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

& FEB 07, 1985 00h 44m 16.65s
59.896 N 152.773 W
DEPTH = 94.0km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.29	356 iP	44 30.15	-0.6	
		eS	44 41.44		
AUI	0.65	211 iP	44 32.53	-0.8	
RDT	0.70	15 iP	44 33.18	-0.7	
		eS	44 46.43		
PDB	0.72	262 iP	44 33.18	-0.8	
		eS	44 46.30		
NNL	0.76	78 iP	44 34.76	0.4	
BRLK	0.96	97 iP	44 35.83	-0.7	
NKA	1.14	41 iP	44 39.69	1.2	
		eS	44 55.87		
SPU	1.34	15 iP	44 40.20	-0.8	
SLKM	1.41	63 eP	44 40.91	-1.0	
SEW	1.68	81 eP	44 44.11	-1.2	
MPA	1.81	69 eP	44 46.09	-0.8	
		eS	45 08.71		
SVW	1.86	312 iP	44 46.01	-1.7	
SUA	1.86	32 eP	44 47.20	-0.6	
PTE	2.10	61 eP	44 49.64	-1.2	
KDC	2.16	176 eP	44 48.78	-2.8	
SKT	2.18	16 iP	44 50.63	-1.3	
PWA	2.26	38 eP	44 52.18	-0.8	
PWL	2.41	64 iP	44 53.29	-1.7	
KNK	2.61	53 eP	44 55.77	-2.1	
GHO	2.66	43 eP	44 57.04	-1.5	
MSE	2.70	42 eP	44 57.13	-1.9	
SML	2.90	47 eP	44 59.38	-2.3	
GLI	2.99	68 eP	45 00.70	-2.2	
HIN	3.18	78 eP	45 03.52	-2.0	
FID	3.25	72 eP	45 03.30	-3.1	
VZW	3.29	67 eP	45 04.64	-2.5	
KLU	3.73	62 eP	45 10.98	-2.2	
COL	5.53	23 eP	45 35.00	-3.0	

28 obs. associated

FEB 07, 1985 01h 07m 06.73± 0.28s
35.353 N ± 5.0km 139.476 E ± 6.6km
DEPTH = 113.3 ± 2.3 km
4.3mb (3 obs.)
NEAR S. COAST OF HONSHU, JAPAN (230)
Felt (II JMA) at Tokyo, (I JMA) at Yokohama, Chibo and Utsunomiya.

YOK	0.17	60 iPd	07 23.00	0.4	
		iS	07 33.90		
OYM	0.20	289 iPd	07 22.10	-0.7	
SRY	0.30	327 iPd	07 22.50	-0.6	
TOK	0.40	35 iP	07 23.70	0.1	
		S	07 34.90		
AJI	0.44	225 Pd	07 23.70	-0.1	
		S	07 35.70		
TAT	0.49	139 iPd	07 24.60	0.5	
		iS	07 38.20		
MIS	0.51	242 eP	07 25.00	0.8	
		S	07 37.40		
KYS	0.57	106 iPd	07 24.70	0.0	
OSH	0.60	188 iPd	07 25.00	0.2	
		S	07 37.40		
DDR	0.68	340 iPc	07 25.40	-0.2	
KMG	0.79	355 Pc	07 26.80	0.3	
		S	07 40.00		
KOF	0.81	293 eP	07 27.00	0.4	
		S	07 41.50		
TSK	1.00	31 iPc	07 27.50	-1.0	
UTS	1.23	15 iPc	07 30.40	-0.5	
		iS	07 47.10		
MIT	1.30	38 P	07 31.50	-0.3	
		iS	07 48.80		
MAT	1.57	319 iPc	07 35.50	0.5	
		iS	07 55.80		
COL	51.35	31 eP	16 02.80	1.6	
WB2	55.21	186 eP	16 29.70	-0.2	
WRA	55.21	186 Pc	16 29.00	-1.0	
	0.3s	1.80nm		4.5mb	
INK	56.60	26 eP	16 39.00	-0.5	
MBC	58.57	16 eP	16 53.50	0.3	
SOD	65.90	337 eP	17 42.00	0.1	
YKA	66.04	29 P	17 43.90	1.0	
KJF	67.34	334 eP	17 51.00	-0.1	
SUF	68.77	333 iP	17 59.70	-0.3	
NUR	70.69	332 eP	18 11.00	-0.6	
HFS	74.96	335 eP	18 36.30	-0.4	
	0.4s	1.50nm		4.1mb	
NB2	75.12	337 P	18 37.60	0.0	
	0.8s	3.60nm		4.2mb	

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

FEB 07, 1985 02h 14m 04.42± 0.34s
44.421 N ± 3.0km 114.185 W ± 4.5km
DEPTH = 10.0km (geophysicist)
WESTERN IDAHO (33)
ML 3.7 (NEIS). Felt at Challis.

HPI	1.06	132 P	14 24.40	-0.2	
LRM	1.86	41 iPnd	14 36.50	-0.4	
		iPg	14 39.40		
BUT	1.96	35 ePnd	14 38.10	-0.1	
		iPg	14 41.20		
		eSn	15 03.20		
		eSg	15 06.40		
TMI	1.98	123 P	14 39.00	0.4	
LCCM	2.16	48 iPnd	14 40.50	-0.6	
		ePg	14 44.70		
IMW	2.39	102 P	14 45.40	0.8	
SXM	2.72	50 ePn	14 48.90	-0.3	
		iPg	14 54.90		
HRY	2.82	35 ePn	14 50.00	-0.5	
		iPg	14 57.50		
MFW	3.33	298 P	15 01.00	3.4X	
BDW	3.73	115 P	15 06.50	2.9X	
CLX	3.85	350 iPc	15 05.50	0.4	
		iS	16 08.30		
LHD	3.95	347 eP	15 06.90	0.4	
		iS	16 09.00		
LDM	4.11	349 iPc	15 08.90	0.3	
		eS	15 54.70		
		i	16 14.30		
DUG	4.34	166 P	15 12.50	0.4	
NEW	4.35	333 eP	15 12.00	-0.1	
		eLg	16 22.00		
RXF	4.49	352 iPc	15 14.00	-0.1	
		iS	16 25.30		
YKM	4.57	347 iPc	15 15.20	0.0	
		iS	16 26.70		
BMN	4.58	210 P	15 14.50	-0.9	
EUR	5.11	196 eP	15 23.00	-0.1	
PNT	6.15	325 eP	15 35.00	-2.5X	
SES	6.35	19 eP	15 38.00	-2.3X	
EDM	8.83	3 eP	16 11.00	-3.9X	
YKA	18.11	359 P	18 14.80	-2.5X	
INK	25.97	344 eP	19 39.00	0.6	

S.D. = 0.5 on 18 of 24 obs.

% FEB 07, 1985 03h 20m 13.22± 2.57s
39.496 N ±21.2km 27.588 E ±10.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EDC	0.88	14 iPn	20 28.90	-1.1	
BNT	0.90	16 iPn	20 30.90	0.5	
KGT	0.98	347 iPg	20 32.40	0.6	
EZN	1.03	289 iPn	20 32.50	-0.1	
YLV	1.74	51 ePn	20 43.90	0.2	

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

% FEB 07, 1985 04h 47m 45.51± 1.15s
33.930 S ±12.3km 71.095 W ± 8.8km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.26	264 iPd	47 52.40	-0.4	
		iS	48 03.80		
TACH	0.31	26 iPd	47 54.90	1.5	
		iS	48 08.50		
CHCH	0.37	91 iPc	47 55.27	1.0	
		iS	48 05.60		
PCH	0.57	58 iPd	47 56.60	-0.7	
		iS	48 12.10		
SAN	0.60	37 iP	47 57.50	0.0	
		iS	48 13.60		
BACH	0.76	41 iP	47 59.70	-0.2	
		iS	48 18.00		
PEL	0.86	24 iPd	48 01.40	0.2	
		iS	48 20.30		
FCH	0.90	48 iPd	48 00.60	-1.5	
		iS	48 19.50		
ROCH	0.96	4 iP	48 03.60	0.7	
		iS	48 23.30		
JACH	1.31	19 iP	48 07.10	-0.7	
		iS	48 31.20		

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

FEB 07, 1985 05h 26m 58.72± 0.87s
20.221 S ± 6.9km 168.966 E ± 5.2km
DEPTH = 23.0 ± 5.9 km
5.2mb (14 obs.)
LOYALTY ISLANDS (188)

PVC	2.54	346 iPc	27 40.50	1.1	
		iS	28 11.00		
NOU	3.13	228 iPc	27 46.20	-1.6	
		iS	28 22.50		
KOU	4.41	265 iPd	28 04.70	-1.2	
		iS	28 50.70		
SGE	8.87	74 ePc	29 14.30	5.6X	
VUN	9.24	78 eP	29 19.00	5.3X	
HNR	13.81	320 eP	30 20.00	4.4X	
SVO	14.12	320 eP	30 30.00	10.5X	
COO	18.53	233 eP	31 17.00	1.2	
KRP	18.54	163 Pc	31 08.30	-7.4X	
	1.9s	608.00nm		5.5mb	
AFI	19.44	74 P	31 26.00	-0.8	
		eS	36 48.00		
MNG	21.08	166 P	31 43.50	-0.3	
CTA	21.32	266 iPd	31 47.00	0.6	
	1.3s	135.58nm		5.2mb	
		iS	35 43.00		
YOU	22.98	228 eP	32 05.20	2.4	
CAN	23.14	225 eP	32 06.80	2.5	
CMS	23.60	237 eP	32 11.00	2.2	
PMG	23.64	294 eP	32 10.00	0.7	
	1.0s	80.00nm		5.2mb	
WAM	23.72	224 eP	32 12.70	2.7	
MSZ	24.40	182 eP	32 20.40	4.0X	
WB2	32.48	264 eP	33 28.00	-1.9	
WRA	32.49	264 Pd	33 28.10	-1.9	
	0.6s	15.60nm		5.1mb	
ASPA	32.66	257 iPd	33 30.40	-1.0	
	0.5s	91.00nm		6.0mb	
WBN	39.28	253 iPd	34 28.90	1.2	
MEK	46.47	252 iPd	35 25.10	-1.0	
KLB	47.06	245 eP	35 29.00	-1.7	
NWAO	47.54	244 eP	35 34.00	-0.4	
BAL	47.96	247 eP	35 36.00	-1.8	
MUN	48.39	245 eP	35 40.00	-1.0	
MAT	63.50	333 eP	37 28.00	-1.4	
	0.9s	19.33nm		5.2mb	
		eS	46 00.00		
SHK	64.46	327 eP	37 34.50	-1.2	
KGM	67.97	281 eP	37 54.00	-4.6X	
IPM	71.07	282 ePc	38 16.90	-0.7	
PSI	72.29	280 ePd	38 24.20	-0.7	
WHN	72.82	313 Pd	38 28.00	0.4	
MDJ	73.86	332 Pc	38 33.00	-0.4	
TIA	74.50	319 eP	38 36.60	-0.7	
CN2	75.16	329 iPc	38 40.80	-0.1	
		S	48 18.00		
NNT	75.48	289 eP	38 44.30	1.0	
KHT	77.41	291 eP	38 56.80	2.7	
BJI	77.54	321 eP	38 54.00	-0.3	

07d 05h

TIY	78.38	318	P	39	00.20	1.0	PRU	144.02	332	PKPc	46	31.50	-2.4X	MMK	149.88	333	ePKP+	46	48.60	4.7X
KMI	78.57	302	Pc	39	01.50	0.8		1.4s		28.00nm				DIX	150.09	334	ePKP+	46	49.20	5.0X
XAN	78.58	313	Pc	39	00.40	0.1				e	46	44.50		MNS	150.20	323	ePKP	46	49.00	4.9X
CHG	78.83	295	iPc	39	03.00	1.1	BEO	144.22	321	iPKP	46	32.40	-2.0X	ORO	150.21	333	iPKPd	46	48.50	4.3X
	1.0s		11.25nm			4.9mb	VAY	144.60	314	iPKP	46	32.60	-2.6X	FLN	150.29	346	iPKPc	46	48.70	4.6X
CHTO	78.83	295	eP	39	02.70	0.8	WIT	144.70	341	ePKP	46	34.00	-0.9	EMS	150.29	334	ePKP+	46	49.50	5.1X
	0.9s		8.53nm			4.8mb				e	46	49.50		LDF	150.36	345	iPKPc	46	48.90	4.7X
HHC	80.80	320	Pc	39	14.00	1.8	MOX	144.76	335	iPKPc	46	33.50	-1.7	LOR	150.42	339	iPKPc	46	49.60	5.2X
BTO	81.60	319	eP	39	17.00	0.6		1.2s		198.00nm				LBF	150.63	339	iPKPc	46	50.10	5.4X
LZH	83.19	312	iPc	39	26.00	1.2				e	46	46.00		SSF	150.72	339	iPKPc	46	50.30	5.5X
PCC	86.35	48	eP	39	41.40	1.0	SKO	145.06	316	iPKPc	46	35.30	-0.7	GRR	150.72	346	iPKPc	46	50.00	5.3X
GCC	86.40	48	ePc	39	41.10	0.5		1.4s		230.00nm				SMF	150.97	339	iPKPc	46	50.60	5.4X
PRS	86.51	49	ePc	39	41.80	0.6				i	46	54.00		AVF	151.01	339	iPKPc	46	50.70	5.5X
BRK	86.62	48	eP	39	42.00	0.4	KHC	145.07	331	iPKPc	46	35.30	-0.5	LPF	151.10	346	iPKPc	46	50.90	5.6X
BKS	86.64	48	eP	39	42.40	0.6		1.0s		85.50nm				BGF	151.38	340	iPKPc	46	51.80	6.0X
	1.0s		43.00nm			5.6mb				i	46	48.00		MZF	151.77	340	iPKPc	46	52.90	6.5X
SAO	86.66	49	ePc	39	42.00	0.1	WTS	145.36	341	iPKPc	46	35.50	-0.6	TCF	151.82	340	iPKPc	46	52.70	6.2X
MHC	86.79	48	ePc	39	43.30	0.6		0.8s		131.00nm				LSF	152.07	341	iPKPc	46	53.00	6.1X
FHC	86.88	44	ePc	39	43.80	0.8				e	46	47.50		CVF	152.12	327	iPKPc	46	53.30	6.2X
PRI	86.93	50	ePc	39	44.20	0.8	WET	145.37	332	iPKPc	46	36.40	0.1	MFF	152.22	344	iPKPc	46	53.30	6.3X
LLA	86.95	49	ePc	39	43.80	0.5		1.3s		84.00nm				FRF	152.42	332	iPKPc	46	54.00	6.6X
GTA	87.61	314	Pc	39	47.50	0.9	KMR	145.59	330	iPKP+	46	37.00	0.3	LRG	152.63	332	iPKPc	46	54.80	7.1X
WDC	87.73	45	ePc	39	47.40	0.4	BNS	146.13	339	iPKPc	46	38.40	0.9	LMR	152.66	331	iPKPc	46	54.50	6.8X
JAS1	87.92	48	ePc	39	48.20	0.2		1.2s		230.00nm				RJF	152.92	340	ePKP	46	55.40	7.3X
ORV	87.94	46	ePc	39	47.90	-0.1	DMU	146.23	356	iPKPc	46	37.90	0.3	CAF	153.08	339	ePKP	46	55.70	7.4X
MWC	87.97	52	eP	39	48.00	-0.5		0.7s		400.00nm				LFF	153.49	341	ePKP	46	56.60	7.8X
FRI	88.00	49	ePc	39	48.60	0.3	TNS	146.31	337	ePKPc	46	38.90	1.0	LPO	153.58	340	ePKP	46	56.90	7.9X
MIN	88.24	46	ePc	39	49.40	-0.3	BHG	146.42	330	iPKPc	46	38.90	0.8	EPF	155.33	340	iPKPc	47	01.80	10.3X
ISA	88.29	51	eP	39	50.00	0.1		1.3s		133.00nm				LGR	156.69	344	e(PKP)	47	13.00	19.7X
SBB	88.34	52	eP	39	50.00	-0.2	KBA	146.66	329	ePKP	46	37.00	-1.7		S.D. = 1.1		on 109 of 186 obs.			
RVF	88.38	53	eP	39	51.00	0.8		1.0s		31.70nm										
PLM	88.49	54	eP	39	51.00	0.0				ic	46	38.70		• FEB 07, 1985 08h 21m 34.14± 0.94s						
CWC	88.92	50	eP	39	40.00	-13.0X				i	47	09.20		16.751 S ±17.8km 175.286 E ± 7.7km						
CLC	89.00	51	eP	39	53.00	-0.3				i	47	25.70		DEPTH = 33.0km (normal)						
GSC	89.36	52	eP	39	53.00	-2.0	DDK	146.70	355	iPKPc	46	39.20	0.9	4.2mb (1 obs.)						
TPC	89.42	53	eP	39	55.00	-0.3		0.7s		124.00nm				FIJI ISLANDS REGION (181)						
MNA	89.74	49	iPc	39	56.90	0.1	ENN	146.71	340	ePKPc	46	40.00	1.6							
GLA	89.91	55	eP	39	58.00	0.4		1.0s		177.00nm				SGE	2.65	109	ePd	22	16.10	0.4
COL	91.09	17	eP	40	00.00	-2.2				e	46	58.50		VUN	3.28	113	eP	22	23.00	-1.5
	1.0s		8.50nm			5.0mb	LJU	146.78	327	ePKP	46	38.30	-0.4				eS	23	07.00	
BMN	91.27	47	iP	40	04.00	0.2	DCN	146.81	356	iPKPc	46	39.20	0.7	NOU	10.00	235	iPc	23	58.80	0.2
	1.0s		9.75nm			5.1mb		1.0s		510.00nm				KOU	11.10	248	iPc	24	13.40	-0.3
EUR	91.73	48	iP	40	06.70	0.6	DLE	146.81	355	iPKPc	46	39.60	1.1	KRP	21.09	179	eP	26	19.00	0.9
	0.3s		9.42nm			5.7mb		0.7s		112.00nm							e	27	25.00	
PNT	93.67	38	eP	40	14.00	-0.5	FUR	146.81	332	iPKPc	46	40.80	2.1X	COO	25.40	233	iPc	27	01.50	1.2
KKN	93.89	298	iPc	40	16.60	0.4		1.2s		165.00nm				WB2	38.92	259	eP	28	57.60	-1.2
	0.8s		42.00nm			5.9mb	MEM	146.82	340	PKPc	46	40.60	2.1X	WRA	38.93	259	Pc	28	57.80	-1.1
KOD	94.87	279	eP	40	21.50	0.4	VOY	147.12	327	ePKP	46	38.40	-1.0		0.8s		3.40nm			4.2mb
GBA	96.01	282	P	40	23.00	-2.9				i	46	40.00		PLM	81.63	52	eP	34	08.00	17.2X
ALQ	97.06	55	eP	40	29.50	-1.1				e	46	55.10		CLC	82.19	49	eP	34	03.00	9.5X
	1.0s		3.75nm			4.9mb	UCC	147.15	342	PKPc+	46	41.50	2.4X	COL	86.12	15	eP	34	14.00	1.3
INK	97.55	18	eP	40	29.00	-2.7		1.5s		274.00nm				KBA	146.27	338	e(PKP)	41	17.00	4.9X
WMQ	97.70	314	P	40	33.60	0.6	BNG	147.21	245	iPKPc	46	39.60	-0.8		S.D. = 1.2		on 9 of 12 obs.			
YKA	101.65	27	Pdiff	40	51.70	1.3		0.9s		122.00nm										
MBC	105.24	14	ePKP	45	18.50	-1.6				i	46	42.20		? FEB 07, 1985 08h 24m 41.03± 3.85s						
CNCB	113.07	119	ePKP	45	37.00	-0.3				i	46	48.30		57.372 N ±21.2km 33.978 W ±55.4km						
LPB	113.12	119	(PKP)	45	36.00	-1.2				i	46	59.50		DEPTH = 10.0km (geophysicist)						
			LR	20	56.00		BCAO	147.22	245	ePKP	46	39.60	-0.8X	4.4mb (5 obs.) 4.3Msz (1 obs.)						
FRB	122.15	26	ePKPd	45	50.50	-2.0X		1.2s		122.22nm				NORTH ATLANTIC OCEAN (402)						
DAG	123.28	2	iPKPd	45	52.10	-2.3X	ETA	147.37	355	ePKP	46	41.30	1.9							
	0.7s		10.96nm					1.0s		180.00nm				GDH	14.70	332	eP	28	10.00	-0.4
BUL	124.18	226	iPKPc	45	57.00	-1.1	TRI	147.41	327	iPKPc	46	41.50	1.8	MBC	34.26	335	eP	31	29.00	0.5
MTD	124.29	232	ePKP	45	58.00	-0.3	WLF	147.58	339	iPKPc	46	42.70	2.9X	RSON	34.59	285	e(P)	31	32.30	0.7
VAO	124.55	139	ePKP	45	57.90	-0.7	BUH	147.66	336	ePKPc	46	42.30	2.2X	YKC	38.20	312	eP	32	02.00	0.1
KRI	125.70	230	ePKP	46	00.00	-1.1	DOU	147.71	341	PKPc	46	42.70	2.7X	YKA	38.24	312	P	32	03.20	0.9
SCH	125.88	36	ePKP	45	58.00	-2.2X		0.9s		500.00nm				INK	41.68	327	eP	32	30.00	-0.6
SOD	127.19	343	ePKP	46	02.00	-0.2	ECB	147.75	355	iPKPc	46	41.70	1.7	RLO	45.08	269	ePd	33	02.60	3.9X
KJF	129.01	339	iPKP	46	05.60	-0.2		1.0s		245.00nm				TUL	45.69	270	eP	33	06.50	3.0X
	0.7s		13.30nm				ECP	147.90	355	iPKPc	46	42.40	2.2X		1.0s		15.30nm			4.9mb
BAO	129.12	132	e(PKP)	46	07.00	-0.6		0.9s		465.00nm					Z 18s		0.33um			4.3Msz
SUF	130.52	339	ePKP	46	01.00	-7.7X	OGA	147.90	331	iPKPc	46	43.70	3.0X	GOL	48.08	281	e(P)	33	24.00	1.4
NUF	132.53	337	ePKP	46	07.00	-5.6X		1.2s		119.00nm					1.0s		1.50nm			4.0mb
	0.6s		13.00nm				CDF	148.24	337	iPKPc	46	44.10	3.0X	BDW	48.09	287	eP	33	21.00	-1.6
	Z 24s		0.30um			4.9MszX	SLE	148.29	335	ePKP+	46	43.80	2.7X		1.0s		2.00nm			4.2mb
			i	46	11.40		VAL	148.34	359	iPKP	46	43.80	2.9X	JCT	51.99	268	eP	33	52.10	-0.3
			e	49	38.00		SAX	148.35	333	ePKP+	46	44.30	2.7X		1.1s		12.03nm			4.7mb
ATE	133.31	115	e(PKP)	45	57.00	-18.5X	OSS	148.44	332	ePKP+	46	45.00	3.4X	ALQ	52.18	277	eP	33	53.30	-0.6
NBC	136.32	345	PKP	46	02.80	-17.0X	ZUL	148.56	334	ePKP+	46	44.30	2.7X	BMN	53.73	290	eP	34	05.90	0.6
	0.8s		3.20nm				LLS	148.80	333	ePKP+	46	45.40	3.2X		1.0s		2.75nm			4.2mb
ITP	140.56	134	ePKP	46	19.60	-9.4X	VDL	148.89	332	ePKP+	46	45.90	3.6X	GSC	57.39	286	eP	34	31.00	-0.8
VTS	143.61	316	iPKP	46	31.00	-2.4X	BSF	148.90	336	iPKPc	46	45.80	3.6X	TPC	57.92	284	eP	34	30.00	-5.4X
BKS	143.63	333	iPKPd	46	30.50	-2.7X	HAU	148.92	337	iPKPc	46	46.00	3.9X	ISA	57.98	287	eP	34	36.00	0.1
	1.1s		45.00nm				SAL	149.07	330	iPKPd	46	46.50	4.2X	SBB	58.40	286	eP	34	39.00	0.2
SPO	143.67	326	ePKP	46	31.50	-1.9	ORI	149.29	316	ePKP	46	47.00	4.2X	MWC	58.88	286	eP	34	36.00	-6.3X
CLL	143.69	334	iPKPd	46	30.40	-2.9X	DUI	149.62	320	ePKP	46	48.00	4.7X		S.D. = 0.9		on 14 of 18 obs.			
	2.2s		89.00nm				SGO	149.74	318	ePKP	46	48.00	4.5X							
MMB	143.70	314	iPKPd	46	31.00	-2.7X	AQU	149.81	322	ePKP	46	49.00	5.3X	FEB 07, 1985 09h 27m 43.58± 0.19s						

51.566 N ± 5.0km 173.863 W ± 2.4km
DEPTH = 33.0km (normal)
5.3mb (56 obs.) 4.8Msz (6 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)
Ms 4.9 (BRK).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 8S, 16C
Centroid Location:
Origin Time 09:27:49.9 0.6
Lat 52.07N 0.08 Lon 173.77W 0.13
Dep 10.0 FIX Half-duration 1.7
Moment Tensor; Scale 10**24 D-CM
Mrr= 0.66 0.04 Mtt=-0.52 0.04
Mff=-0.15 0.04 Mrt= 1.07 0.16
Mrf= 0.40 0.15 Mtf=-0.32 0.06
Principal Axes:
T Val= 1.32 Plg=60 Azm=345
N 0.03 4 247
P -1.35 30 155
Best Double Couple:Mo=1.3*10**24
NP1:Strike=232 Dip=16 Slip= 74
NP2: 68 75 94

ADK	1.78	281	eP	28 10.30	-2.2
SMY	7.50	284	eP	29 33.00	-0.3
SDN	8.82	59	eP	29 50.00	-1.7
KDC	13.80	55	eP	30 55.20	-3.6X
SVW	13.87	39	eP	31 02.40	2.6X
TTA	14.86	33	eP	31 14.00	1.2
PME	16.87	44	eP	31 38.30	-0.1
IMA	17.77	27	eP	31 51.00	1.3
COL	18.95	35	eP	32 02.00	-2.1X
			eS	35 53.00	
FBA	18.95	35	eP	32 01.60	-2.5X
BRW	21.26	15	eP	32 28.50	-0.2
SIT	22.91	61	eP	32 48.10	2.9X
INK	25.56	34	ePc	33 09.00	-1.5
	1.0s	51.00nm			5.1mb
			pP	33 23.00	58kmX
MBC	32.29	21	iP	34 10.40	-0.5
	0.4s	6.00nm			4.8mb
YKA	32.85	47	P	34 15.00	-0.8
YKC	32.91	47	eP	34 15.50	-0.9
	0.4s	7.00nm			4.9mb
PNT	33.96	72	eP	34 26.00	0.3
	0.7s	22.00nm			5.2mb
FHC	35.52	88	eP	34 39.00	-0.2
			epP	34 52.00	49kmX
NEW	35.91	72	eP	34 42.00	-0.3
EDM	36.00	63	iPc	34 43.40	0.3
	0.5s	89.00nm			6.0mb
WDC	36.55	87	eP	34 48.00	0.2
			ipP	35 02.00	53kmX
			esP	35 07.50	
MAT	36.87	265	iPc	34 51.10	0.6
	1.0s	38.00nm			5.2mb
	Z 20s	1.24um			4.7Msz
			eS	40 45.00	
MIN	37.27	86	eP	34 55.00	1.0
			epP	35 07.50	46kmX
			esP	35 13.20	
MDJ	37.57	282	eP	34 55.00	-1.3
			eS	40 40.00	
ORV	37.79	87	eP	34 57.60	-0.6
			epP	35 11.70	55kmX
BRK	38.33	90	eP	35 03.30	0.6
			e	35 16.50	
BKS	38.35	90	eP	35 03.80	0.9
	0.8s	16.00nm			4.9mb
	Z 20s	1.60um			4.8Msz
	E 20s	1.60um			
			epP	35 16.50	48kmX
			e	35 31.20	
			eS	40 58.00	
			e	42 22.00	
			eLQ	43 30.00	
			e	44 06.00	
			eLR	45 28.00	
SES	38.49	66	eP	35 04.00	0.0
	0.7s	43.00nm			5.4mb
MHC	39.05	90	eP	35 09.40	0.5
			epP	35 22.20	48kmX
JAS1	39.45	89	ePc	35 12.90	0.8
			ipP	35 26.30	51kmX
SAO	39.53	91	eP	35 13.00	0.2
PRS	39.85	91	eP	35 16.10	0.7
			epP	35 29.20	49kmX
LRM	39.88	73	eP	35 15.80	-0.1
LLA	39.94	91	e(P)	35 17.20	1.0
BMN	39.94	83	P	35 17.00	0.7
	1.0s	21.25nm			4.9mb
PRI	40.41	91	eP	35 20.80	0.6
			epP	35 34.00	50kmX
FRI	40.47	89	eP	35 20.80	0.3
			epP	35 34.30	51kmX
CN2	40.52	284	Pc	35 20.00	-0.9
MNA	40.55	86	eP	35 22.10	0.7
			epP	35 35.50	51kmX
EUR	41.28	84	iP	35 28.80	1.4
	0.2s	10.61nm			5.2mb
FFC	41.50	56	eP	35 29.00	0.3
	0.6s	32.00nm			5.2mb
SHK	41.61	267	eP	35 31.50	1.6
CWC	41.84	89	eP	35 44.00	12.1X
ALE	41.89	11	eP	35 31.50	-0.2
	0.5s	4.00nm			4.4mb
ISA	42.08	90	eP	35 34.00	0.2
CLC	42.53	89	eP	35 38.00	0.5
SNY	42.77	282	iPc	35 40.00	0.7
			pP	35 52.50	46kmX
			eS	41 55.00	
			ScS	45 30.00	
SBB	43.12	91	eP	35 43.00	0.7
PAS	43.25	91	eP	35 37.00	-6.3X
MWC	43.28	91	eP	35 44.00	0.2
			e	35 57.00	
BDW	43.28	75	P	35 43.60	-0.1
	1.0s	40.00nm			5.1mb
GSC	43.36	89	eP	35 45.00	0.7
			e	35 59.00	
RVR	43.85	91	eP	35 37.00	-11.2X
PLM	44.60	91	eP	35 55.00	0.5
			e	36 07.00	
TPC	44.61	90	eP	35 54.00	-0.4
			e	36 07.00	
BAR	45.17	92	eP	36 11.00	12.2X
DL2	45.71	280	Pc	36 03.50	0.5
GLA	46.07	90	eP	36 06.00	0.0
RSON	47.78	57	eP	36 18.90	-0.3
BJI	48.33	285	eP	36 24.00	0.5
	N 20s	1.20um			
			eS	43 25.00	
ALQ	50.02	82	eP	36 35.50	-1.4
	1.4s	45.93nm			5.3mb
	Z 18s	0.82um			4.8Msz
			e	36 50.00	
TIA	50.18	281	eP	36 37.60	-0.3
			pP	36 51.00	50kmX
			i	40 40.10	
			eS	43 44.00	
DAG	50.96	7	iPd	36 41.70	-1.5
SSE	51.08	273	eP	36 44.60	-0.1
FRB	51.21	33	eP	36 44.00	-1.3
LHC	51.55	58	ePc	36 46.80	-1.3
	0.6s	43.00nm			5.6mb
BTO	51.65	290	eP	36 49.50	0.4
NJ2	51.88	275	eP	36 49.20	-1.6
TIY	52.06	285	iPc	36 53.00	0.8
			pP	37 07.00	52kmX
OCO	55.13	75	e(P)	37 18.20	3.4X
LTX	55.57	85	eP	37 17.10	-1.0
TUL	55.88	74	ePd	37 19.20	-0.9
	1.2s	52.20nm			5.4mb
	Z 19s	0.50um			4.6Msz
	N 20s	0.43um			
	E 19s	0.27um			
			e	37 34.20	
			e(S)	45 03.00	
RLO	56.16	73	eP	37 20.40	-1.8
XAN	56.63	284	P	37 24.60	-1.1
			pP	37 39.00	53kmX
JCT	57.16	81	eP	37 27.50	-1.9
	1.0s	50.00nm			5.5mb
FVM	57.64	68	P	37 30.30	-2.4X
SCH	57.93	41	eP	37 33.00	-1.5
KEV	58.03	352	eP	37 35.00	0.0
LZH	58.27	289	iPc	37 37.50	0.2
	2.0s	141.00nm			5.7mb
GTA	58.33	295	iPc	37 37.00	-0.6
ELC	58.82	68	P	37 39.00	-1.9
SOD	60.39	351	eP	37 53.00	1.7
OTT	60.52	53	ePd	37 51.20	-1.3
	0.5s	26.00nm			5.6mb
MNT	61.49	52	iP	37 57.00	-2.0
RSNY	61.72	53	eP	37 59.30	-1.4
WMO	61.79	306	P	38 00.50	-0.7
CD2	61.93	285	Pc	38 02.80	0.5
BAG	62.14	261	eP	38 02.00	-2.0
SKLY	62.27	54	P	38 03.20	-1.1
KJF	63.35	350	iP	38 09.90	-1.3
	0.6s	23.50nm			5.5mb
GYA	63.36	280	P	38 12.00	0.2
BLA	63.86	63	ePd	38 15.00	0.0
	0.9s	47.06nm			5.6mb
SUF	64.97	350	iP	38 20.80	-0.5
	0.6s	10.10nm			5.1mb
KMI	66.74	281	Pc+	38 33.50	-0.3
			sP	38 47.50	
			eS	47 26.00	
			sS	47 42.00	
NUR	67.29	350	eP	38 34.00	-2.5X
	Z 19s	0.70um			4.9Msz
			i	39 04.00	
NB2	67.67	357	P	38 38.00	-1.0
	0.5s	3.20nm			4.7mb
HFS	68.49	356	eP	38 43.20	-0.8
	0.5s	17.70nm			5.4mb
	Z 17s	0.43um			4.8MszX
			LR	02 36.00	
UPP	68.54	354	iP	38 42.90	-1.4
LSA	70.25	293	P	38 57.20	1.4
KSH	70.85	310	eP	39 00.00	1.0
SHL	72.93	290	iP	39 11.40	-0.2
LOE	73.12	277	eP	39 11.50	-1.0
CHG	73.78	280	eP	39 16.50	0.2
CHTO	73.78	280	eP	39 16.30	0.0
	1.5s	14.08nm			4.7mb
BDT	74.93	279	eP	39 17.00	-6.0X
KKN	75.04	296	iPc	39 25.00	1.2
	0.5s	40.00nm			5.7mb
PKI	75.13	296	iPc	39 24.50	0.0
DMN	75.28	296	iPc	39 24.10	-1.1
KHT	77.06	277	eP	39 37.90	2.9X
CLL	77.34	356	iP	39 35.70	-0.3
	1.0s	25.00nm			5.2mb
			e	39 48.00	
KSP	77.60	353	ePc	39 37.50	0.0
BRG	77.72	355	iPc	39 38.00	-0.2
	1.3s	44.00nm			5.3mb
			i	39 51.80	
NNT	78.03	275	eP	39 43.30	2.9X
ENN	78.04	0	eP	39 39.50	-0.4
	1.0s	11.00nm			4.8mb
MOX	78.06	356	eP	39 40.00	0.0
	1.2s	46.00nm			5.4mb
			e	39 54.00	
KRA	78.08	351	eP	39 40.20	0.1
	1.1s	41.00nm			5.4mb
	Z 20s	2.10um			5.5Msz
	N 20s	1.80um			
PRU	78.57	354	P	39 43.00	0.1
	1.0s	14.50nm			4.9mb
			e	39 56.50	
NDI	78.74	302	iPc	39 44.30	0.1
GRF	79.03	357	iPc	39 46.20	0.8
	1.2s	60.00nm			5.5mb
KHC	79.48	355	iPc	39 49.50	1.6
	1.1s	43.00nm			5.4mb
JOS	79.56	350	eP	39 48.30	0.0
LDF	80.08	4	iPc	39 51.70	0.7
ZST	80.17	353	e(P)	39 52.00	0.5
			e	40 06.00	
GRR	80.25	5	eP	39 52.40	0.5
LPF	80.59	5	iPc	39 54.00	0.3
	0.6s	8.30nm			4.9mb
MHI	80.82	319	iPc	39 56.30	1.0
LOR	81.53	2	iPc	39 58.90	0.2
	0.5s	5.80nm			4.8mb
KBA	81.54	355	iPc	39 59.80	0.8
	0.7s	34.60nm			5.5mb
			id	40 00.50	
			i(pP)	40 17.00	62kmX
			i	40 24.30	
SSF	81.73	2	iPc	40 00.30	0.6
	0.6s	9.30nm			5.0mb
LBF	81.81	1	eP	40 00.50	0.3
	0.6s	5.00nm			4.7mt
AVF	81.99	2	iPc	40 01.70	0.6
MFF	82.06	4	iPc	40 02.00	0.5
SMF	82.15	2	iPc	40 02.40	0.5

07d 09h

	0.7s	15.40nm		5.2mb	
TCF	82.47	3 iPc	40 03.90	0.3	
	0.6s	4.80nm		4.7mb	
LSF	82.48	3 iPc	40 04.00	0.3	
	0.5s	14.40nm		5.3mb	
MZF	82.55	2 iPc	40 04.90	0.8	
CTI	82.65	356 eP	40 04.50	-0.2	
CLO	82.67	348 eP	40 05.00	0.3	
QUE	82.68	310 eP	40 00.50	-4.8X	
	1.2s	93.75nm		5.7mb	
		ePP	40 20.00		
		eS	50 24.00		
ORO	83.18	359 eP	40 07.50	0.1	
RJF	83.43	3 eP	40 08.80	0.2	
LFF	83.77	4 eP	40 11.00	0.7	
	0.8s	25.80nm		5.4mb	
CAF	83.82	3 eP	40 11.40	0.8	
	1.0s	14.00nm		5.1mb	
LPO	84.04	4 eP	40 12.40	0.7	
	0.6s	8.60nm		5.1mb	
PVL	84.23	346 iPd	40 14.00	1.3	
WB2	84.36	228 eP	40 12.40	-1.1	
		e	40 26.20		
WRA	84.36	228 Pd	40 13.20	-0.3	
	0.6s	2.90nm		4 6mb	
VTS	85.05	347 eP	40 02.00	-14.7X	
DIM	85.24	346 iPd	40 19.00	1.3	
FRF	85.25	360 iPc	40 18.50	0.7	
	1.0s	34.70nm		5.5mb	
PLD	85.32	346 eP	40 19.00	0.9	
LRG	85.36	360 iPc	40 19.40	1.1	
	0.7s	16.90nm		5.4mb	
LMR	85.48	360 iPc	40 20 00	1.1	
	0.7s	16.30nm		5.4mb	
EPF	85.65	4 eP	40 19.80	-0.1	
	0.9s	6.50nm		4.8mb	
KDZ	85.68	346 iP	40 20.00	0.0	
SKO	85.89	349 iPc	40 21.50	0.5	
	1.4s	170.00nm		6.1mb	
		i	40 36.00		
LGR	86.06	6 eP	40 15.00	-6.8X	
CVF	86.22	358 iPc	40 23.10	0.5	
	1.1s	55.60nm		5.7mb	
AQU	86.25	355 e(P)	40 24.10	1.3	
MNS	86.25	355 eP	40 22.80	0.1	
VAY	86.39	348 iP	40 24.40	0.9	
OHR	86.82	349 eP	40 12.20	-13.5X	
		i	40 25.80		
		i	40 39.80		
HYB	87.00	294 eP	40 26.50	-0.3	
	1.0s	45.00nm		5.7mb	
POO	88.73	299 iPc	40 35.50	0 4	
	0.9s	109.24nm		6.2mb	
KRP	89.60	188 eP	40 39.00	0.5	
GBA	90.69	293 Pd	40 42.80	-1.4	
	1.0s	15.00nm		5.3mb	
KOD	93.37	291 eP	40 57.00	0.0	
BUL	144.03	322 iPKPc	47 15.40	-2.0X	
	0.5s	42.96nm			
		ipP	47 28.90		
MAW	148.52	218 iPKPd	47 27.50	4.3X	
JOZ	148.98	311 iPKPd	47 27.80	2.6X	
	0.7s	23.29nm			
SLR	149.19	318 ePKP	47 23.00	-2.7X	
	1.0s	60.00nm			
		i	47 30.00		
BPI	149.68	318 iPKPd	47 29.70	3.2X	
	0 8s	34.33nm			
		i	47 31.00		
WSP	149 86	320 iPKPd	47 32.00	5.2X	
	1 1s	60.81nm			
		i	47 38.50		
BFS	150.83	320 iPKPc	47 33.30	5 2X	
	0.9s	50.42nm			
		i	47 41.50		
YIR	151.84	318 ePKP	47 35.50	5.9X	
	0.6s	93.33nm			
		i	47 45.50		
ELF	153.03	319 ePKP	47 39.00	7.7X	
	0.3s	10.00nm			
		i	47 50.60		
	S.D. = 0.9	on 148 of 176 obs			

* FEB 07, 1985 09h 46m 13.03± 0.51s
53 086 N ±10.3km 166.922 W ± 7.6km
DEPTH = 33.0km (normal)
4.4mb (10 obs.)

FOX ISLANDS, ALEUTIAN ISLANDS (9)

ADK	6.09	262 P	47 45.50	2.5	
TTA	11.42	26 P	48 57.00	0.2	
COL	15.32	32 eP	49 50.00	1.9	
	0.8s	7.09nm		4.0mb	
FBA	15.32	32 P	49 49.20	1.1	
INK	21.93	33 eP	51 04.00	-0.8	
	0.7s	18.00nm		4.6mb	
YKA	28.64	50 P	52 09.70	1.5	
YKC	28.71	50 eP	52 10.00	1.3	
MBC	29.33	21 eP	52 13.30	-0.9	
	0.5s	4.00nm		4.4mb	
NEW	31.40	78 eP	52 33.00	0.1	
		e	52 43.00		
EDM	31.50	68 ePc	52 33.90	0.2	
WDC	32.31	95 ePc	52 53.70	12.9X	
MIN	33.02	94 ePc	52 59.40	12.2X	
ORV	33.57	95 ePc	53 03.80	12.0X	
		e	53 13.40		
SES	33.96	72 eP	52 55.00	-0.2	
BRK	34.20	98 eP	53 09.50	12.3X	
BKS	34.21	98 eP	53 09.60	12.3X	
	0.8s	22.00nm			
GCC	34.91	99 eP	53 15.00	11.7X	
MHC	34.91	98 eP	53 15.80	12.2X	
JAS1	35.26	96 eP	53 18.90	12.5X	
SAO	35.42	99 eP	53 19.00	11.3X	
BMN	35.60	90 P	53 10.00	0.6	
PRS	35.75	99 eP	53 23.00	12.5X	
LLA	35.81	99 eP	53 23.70	12.6X	
MNA	36.29	94 eP	53 27.90	12.6X	
PRI	36.30	99 eP	53 28.50	13.2X	
FRI	36.30	97 e(P)	53 29.00	13.9X	
EUR	36.95	91 iP	53 22.00	1.2	
	0.5s	2.39nm		4.3mb	
ISA	37.93	98 eP	53 33.00	4.1X	
CLC	38.35	97 eP	53 44.00	11.5X	
BDW	38.80	82 P	53 36.00	-0.4	
	0.9s	3.85nm		4.2mb	
SBB	38.98	98 eP	53 50.00	12.2X	
MWC	39.17	99 eP	53 52.00	12.6X	
GSC	39.18	96 eP	53 47.00	7.6X	
TPC	40.45	97 eP	53 55.00	5.2X	
PLM	40.49	99 eP	53 58.00	7.7X	
GLA	41.91	97 eP	54 13.00	11.2X	
RSON	43.34	62 P	54 13.00	-0.2	
ALQ	45.65	88 eP	54 32.00	-0.3	
	1.0s	4.50nm		4.3mb	
		e	54 43.00		
LHC	47.10	63 eP	54 43.00	-0.3	
FRB	47.52	37 eP	54 45.00	-1.4	
DAG	48.84	9 eP	54 54.00	-2.5	
LTX	51.26	91 iP	55 15.70	0.0	
		pP	55 27.30	41kmX	
JCT	52.77	87 eP	55 26.00	-1.0	
	0.9s	8.40nm		4.7mb	
SCH	53.92	45 eP	55 35.00	0.0	
KBA	80.21	360 eP	58 22.00	0.6	
	0.8s	4.80nm		4.5mb	
		i	58 40.20		
WB2	88.62	234 eP	59 03.80	0.0	
WRA	88.62	234 Pd	59 03.50	-0.3	
	0.7s	1.60nm		4.4mb	
HYB	90.10	300 eP	59 10.80	-0.2	
GBA	93.86	299 Pd	59 26.20	-2.1	
	0.6s	4.20nm		5.0mb	
MTD	140.97	331 ePKP	05 53.00	11.5X	
KRI	141.56	334 ePKP	05 51.00	8.3X	
BUL	144.99	334 iPKPd	05 47.70	-0.8	
	0.9s	10.08nm			
	S.D = 1.1	on 28 of 52 obs.			

* FEB 07, 1985 10h 14m 59.68± 2.08s
43.177 N ±22.2km 24.853 E ± 9.2km
DEPTH = 10.0km (geophysicist)

BULGARIA (359)

PVL	0.24	97 iPd	15 04.00	-0.7	
PLD	1.08	186 eP	15 19.00	-0.9	
VTS	1.34	245 iPg	15 24.00	-0.4	
JMB	1.46	119 eP	15 27.00	1.0	
MMB	1.79	208 iPc	15 32.00	1 1	
VAY	2.51	223 ePn	15 44.00	2 8X	
	S.D. = 1.4	on 5 of 6 obs			

* FEB 07, 1985 12h 01m 44.50± 1.83s
29.879 N ±26.5km 50.224 E ±12.4km
DEPTH = 33.0km (normal)
4.0mb (2 obs.)

SOUTHERN IRAN (353)

SHI	2.02	96 iPc	02 17.00	0.0	
		eS	02 40.00		
KER	5.18	330 eP	03 24.00	22.0X	
BHD	6.02	306 eP	03 48.00	34.4X	
		i	05 16.00		
		e	05 36.00		
		e	06 33.50		
MSL	8.79	319 eP	03 52.20	0.0	
RTB	9.06	293 eP	04 03.00	7.0X	
		eS	06 56.00		
		eSS	07 08.00		
		eSSS	07 17.50		
		e	07 51.00		
MHI	10.07	48 eP	04 10.00	0.0	
HFS	38.89	332 eP	09 08.60	0.3	
	0.5s	3.40nm		4.4mb	
NB2	40.41	332 P	09 20.60	-0.3	
	0.5s	0.80nm		3.7mb	
	S.D. = 0.3	on 5 of 8 obs.			

* FEB 07, 1985 12h 49m 02.01± 0.96s
45.232 S ±18.1km 95.642 E ±12.9km
DEPTH = 10.0km (geophysicist)
4.5mb (3 obs.)

SOUTHEAST INDIAN RISE (435)

NWAO	20.71	61 eP	53 44.00	-0.9	
KLB	21.95	59 eP	53 57.00	-0.5	
BAL	22.03	56 eP	53 59.00	0.7	
MRWA	22.67	52 eP	54 05.00	0.4	
	1.1s	10.00nm		4.2mb	
WRA	40.65	65 Pc	56 43.70	-0.2	
	0.9s	8.50nm		4.5mb	
WB2	40.65	65 eP	56 43.50	-0.4	
WAM	40.71	96 eP	56 45.60	1.4	
CAN	41.22	95 eP	56 48.60	0.1	
YOU	41.33	94 eP	56 48.30	-1.1	
BRS	48.33	89 iPc	57 46.00	0.4	
CTA	48.47	76 iPc	57 52.70	6.0X	
	0.9s	9.66nm		4.9mb	
CD2	76.14	7 eP	00 55.40	3.8X	
XAN	79.81	11 eP	01 11.50	-0.2	
GTA	84.34	3 eP	01 35.00	-0.2	
BJI	86.87	16 P	01 49.00	1.5	
MBC	145.64	14 ePKP	08 40.00	-0.6	
INK	145.97	30 ePKP	08 41.00	-0.3	
MWC	152.04	101 ePKP	09 03.00	10.9X	
SBB	152.45	101 ePKP	09 09.00	16.5X	
ISA	152.51	98 ePKP	09 01.00	8.4X	
CWC	153.18	97 ePKP	09 01.00	7.4X	
CLC	153.20	99 ePKP	09 10.00	16.5X	
TPC	153.36	104 ePKP	09 03.00	9.2X	
YKA	155.52	34 PKP	09 05.80	10.1X	
	S.D. = 0.8	on 15 of 24 obs.			

FEB 07, 1985 13h 18m 44.37± 0.32s
39.006 N ± 2.7km 29.831 E ± 2.7km
DEPTH = 35.2 ± 3.6 km
4.5mb (30 obs.)

TURKEY (366)

ML 4.8 (ATH).

GPA	1.33	16 iPn	19 07.60	0.6	
TTK	1.58	299 iPn	19 11.10	0.6	
YLV	1.60	347 iPn	19 11.70	0.9	
BCK	1.65	159 iPn	19 12.30	0.7	
KCT	1.68	318 iPn	19 13.40	1 4	
BNT	2.00	313 iPn	19 16.60	0 1	
EDC	2.02	312 iPn	19 16.80	0.0	
ISK	2.14	344 iPn	19 18.70	0.3	
ELL	2.25	178 iPn	19 21.30	1 1	
PRK	2.78	276 ePn	19 27.50	0.0	
		eSg	20 16.00		
EZN	2.84	288 iPn	19 28.60	0.3	
JMB	4.25	326 iPc	19 49.00	0.6	
KDZ	4.32	309 iPd	19 48.00	-1.4	
DIM	4.44	315 iPc	19 51.00	0.0	
OUR	4.70	288 ePg	19 54.60	-0.2	
PSN	4.83	346 iPc	19 56.00	-0.6	
PAIG	4.85	283 ePg	19 56.80	-0.1	
		eSg	20 00.30		
ATH	4.91	260 ePg	20 23.00	25.3X	

			eSb	21	22.50	
CSS	4.91	144	eP	20	01.50	3.7X
PLD	4.98	310	iPd	19	59.00	0.2
NPS	5.03	223	ePn	20	00.00	0.5
SOH	5.30	292	ePb	20	03.10	-0.2
			eSg	20	11.00	
MMB	5.33	301	iPd	20	03.00	-0.7
PVL	5.43	321	iPd	20	04.00	-1.0
LIT	5.78	283	ePnc	20	09.90	-0.1
VAY	6.02	295	iPn	20	13.00	-0.5
GRG	6.03	291	ePg	20	13.80	0.2
BUC1	6.05	333	eP	20	08.00	-5.7X
VTS	6.18	308	iPd	20	15.00	-0.6
KZN	6.35	284	ePn	20	18.00	-0.2
ISR	6.60	339	eP	20	20.05	-1.5
BRD	6.82	343	ePc	20	26.00	1.3
SKO	7.05	298	ePn	20	27.00	-0.8
			e	21	44.00	
			e(Sn)	22	08.50	
ODB	7.07	344	eP	20	29.00	1.0
VRI	7.23	343	iPc	20	30.00	-0.4
OHR	7.24	290	iPn	20	30.70	0.1
CVO	7.33	340	ePd	20	32.00	0.3
HRI	7.46	138	eP	20	33.00	-0.6
COZ	7.51	329	ePd	20	33.00	-1.4
CLO	8.01	321	ePc	20	38.00	-3.2X
JER	8.44	147	eP	20	46.00	-1.3
			eS	22	14.00	
BEO	9.09	313	ePn	20	54.60	-1.5
			e(Sg)	23	34.40	
HLW	9.21	172	eP	20	58.00	0.2
			eS	22	32.00	
PRNI	9.63	152	eP	21	03.00	-0.7
JOS	11.61	328	eP	21	29.10	-1.5
TAB	12.95	89	e(P)	21	52.00	3.2X
KBA	14.49	309	iPd	22	16.00	7.1X
	1.0s		18.30nm		4.5mb	
			i	22	20.40	
			i	22	23.00	
BHG	15.07	311	iPc	22	23.00	6.6X
	1.0s		63.00nm		4.8mb	
CTI	15.12	304	e(P)	22	17.00	-0.1
SAL	15.71	301	e(P)	22	31.00	6.4X
WET	15.81	315	iPc	22	30.70	4.8X
	0.8s		34.00nm		4.6mb	
FUR	16.23	310	eP	22	35.50	4.2X
BRG	16.31	322	eP	22	35.80	3.6X
GRF	17.02	315	ePn	22	44.00	2.8X
CLL	17.04	322	iP	22	43.80	2.4
	1.8s		33.00nm		4.2mb	
MOX	17.33	318	eP	22	48.00	2.9X
ORO	17.43	299	eP	22	48.00	1.5
LRG	18.19	292	eP	22	56.90	1.2
WLF	19.93	310	P	23	15.70	-0.1
MEM	20.40	312	Pc	23	21.60	0.8
LBF	20.46	301	eP	23	21.60	0.1
	1.1s		11.30nm		4.1mb	
SMF	20.47	300	iPd	23	21.40	-0.2
	1.1s		19.50nm		4.4mb	
ENN	20.52	313	eP	23	22.50	0.5
	0.9s		32.00nm		4.7mb	
LOR	20.60	302	iPd	23	22.60	-0.4
	0.8s		8.50nm		4.2mb	
WTS	20.60	317	eP	23	23.50	0.7
	1.0s		39.00nm		4.7mb	
SSF	20.79	301	iPd	23	24.60	-0.2
	0.9s		7.20nm		4.0mb	
AVF	20.83	301	iPd	23	25.10	-0.2
	0.8s		16.70nm		4.5mb	
DOU	21.02	310	P	23	27.40	0.2
BGF	21.12	300	eP	23	28.20	-0.1
MZF	21.24	299	iPd	23	29.10	-0.4
	1.0s		14.80nm		4.3mb	
CAF	21.42	295	eP	23	31.20	-0.1
	0.9s		10.40nm		4.2mb	
TCF	21.51	299	eP	23	31.70	-0.5
	0.9s		8.70nm		4.2mb	
NUR	21.77	353	iP	23	33.80	-0.8
	0.8s		11.50nm		4.3mb	
UPP	22.26	344	eP	23	24.00	-15.4X
HFS	23.47	340	eP	23	50.60	-0.7
	0.6s		3.00nm		4.0mb	
LDF	23.52	304	eP	23	52.00	0.1
MHI	23.59	87	iPc	23	55.10	2.2
FLN	23.79	304	eP	23	54.70	0.2
SUF	23.85	356	iP	23	56.10	1.1
	0.5s		5.00nm		4.3mb	

GRR	23.95	303	eP	23	55.80	-0.3
	1.0s		32.30nm		4.8mb	
LPF	24.00	302	eP	23	56.20	-0.4
	1.5s		61.90nm		4.9mb	
NB2	24.91	338	P	24	05.00	-0.3
	0.5s		3.60nm		4.2mb	
KJF	25.26	358	iP	24	08.40	-0.1
	0.7s		17.40nm		4.8mb	
SOD	28.47	357	eP	24	38.00	0.2
BNG	35.91	199	iPc	25	44.20	0.9
	1.0s		20.00nm		5.0mb	
			i	25	47.20	
NDI	40.29	90	eP	26	20.60	0.8
WMQ	42.90	64	P	26	42.40	1.2
DAG	43.23	345	iPc	26	43.90	0.6
	0.4s		11.02nm		5.0mb	
DMN	46.94	87	iPd	27	14.30	0.4
	0.7s		36.00nm		5.5mb	
KKN	46.98	86	iPd	27	09.80	-4.4X
	0.7s		33.00nm		5.4mb	
PKI	47.19	87	iPd	27	15.90	-0.1
	0.6s		7.00nm		4.8mb	
HYB	47.37	103	eP	27	16.60	-0.5
GBA	48.91	108	Pd	27	28.00	-0.9
	0.8s		6.60nm		4.7mb	
ALE	51.87	350	eP	27	50.50	-0.4
	0.8s		4.00nm		4.4mb	
GTA	52.92	66	P	27	59.60	0.2
LZH	57.22	68	Pc	28	31.00	0.3
FRB	59.27	329	eP	28	44.00	-0.4
CD2	59.61	73	P	28	47.60	0.3
KMI	61.82	79	eP	29	01.00	-1.6
XAN	61.85	68	P	29	02.30	-0.2
CHG	62.35	88	eP	29	05.00	-1.0
CHTO	62.35	88	eP	29	04.90	-1.0
	1.0s		2.50nm		4.3mb	
MBC	63.36	352	eP	29	12.00	0.2
BJI	63.91	59	eP	29	15.00	-0.9
TIA	66.52	62	P	29	32.40	-0.4
CN2	67.84	51	eP	29	40.40	-0.6
INK	72.29	354	eP	30	07.00	-0.7
			pP	30	25.00	66kmX
YKC	74.86	344	eP	30	22.50	-0.2
YKA	74.88	344	P	30	23.30	0.5
COL	76.41	359	eP	30	32.00	0.6
RSON	77.76	327	eP	30	39.10	-0.1
FFC	77.92	334	iPc	30	40.30	0.3
	0.8s		10.00nm		4.9mb	
EDM	82.77	339	iPc	31	06.50	0.6
SES	84.56	336	eP	31	16.00	0.9
BACH	117.38	248	iPdiff	33	26.70	-18.0X
ROCH	117.56	249	iPdiff	33	33.70	-12.0X
CHCH	117.79	248	iPdiff	33	32.00	-14.4X
TACH	117.85	248	ePdiff	33	34.00	-12.7X
	S.D. = 0.8		on 99 of 118 obs.			
	FEB 07, 1985 13h 32m 56.66± 0.65s					
	33.070 S ± 7.9km 68.591 W ± 5.5km					
	DEPTH = 5.0km (geophysicist)					
	MENDOZA PROVINCE, ARGENTINA (139)					
	Felt (I) at Mendoza.					
MDZ	0.29	310	iPd	33	01.50	-1.0
			iS	33	05.60	
FCH	1.45	259	iP	33	23.50	-0.4
			i(S)	33	39.70	
CFA	1.49	12	ePc	33	24.80	0.7
			S	33	46.50	
PCH	1.70	251	iPc	33	27.90	0.7
			iS	33	53.00	
JACH	1.73	282	iPd	33	27.80	0.2
			iS	33	51.00	
PEL	1.76	267	iPd	33	28.40	0.4
			iS	33	54.20	
LNV	2.52	249	iP	33	41.00	2.2X
			iS	34	15.20	
TCA	3.80	64	ePc	33	57.30	0 0
			e	34	05.80	
			S	34	56.00	
VCA	4.33	5	ePd	34	15.20	10.4X
VBA	7.33	135	ePc	34	46.50	-0.5
	S.D. = 0.7		on 8 of 10 obs.			
	FEB 07, 1985 14h 02m 21.55± 0.47s					
	40.687 N ± 5.8km 25.436 E ± 4.4km					
	DEPTH = 10.2 ± 4.0 km					
	AEGEAN SEA (365)					

KDZ	0.96	356	iPg	02	39.00	-0.7
EZN	1.10	141	iPn	02	41.60	-0.5
OUR	1.16	253	ePg	02	42.90	-0.3
			eSg	02	58.10	
DIM	1.36	5	ePg	02	47.00	0.5
KGT	1.44	99	iPn	02	46.80	-0.9
PLD	1.52	339	eP	02	51.00	2.3X
PAIG	1.54	241	ePb	02	47.90	-1.2
MMB	1.57	305	iP	02	49.00	-0.6
PRK	1.58	156	ePn	02	49.00	-0.6
			eSn	03	11.00	
SOH	1.59	276	ePb	02	49.90	[illegible]
			eSb	03	11.00	
EDC	1.88	100	ePn	02	53.80	-0 [illegible]
BNT	1.92	99	iPn	02	57.00	[illegible]
JMB	1.98	25	eP	02	59.00	3.7X
KNT	1.98	285	ePb	02	55.40	-0.1
TTK	2.20	114	iPn	03	02.30	3.6X
VAY	2.26	287	ePn	03	01.00	1.5
KCT	2.27	100	ePn	03	03.30	3.6X
CTT	2.31	78	ePn	03	00.30	0.0
GRG	2.32	278	ePn	03	00.70	0.3
LIT	2.32	256	ePn	02	59.40	-1.1
PVL	2.47	355	eP	03	05.00	2.6X
VTS	2.54	319	iP	03	05.00	1.6
DST	2.67	113	ePn	03	06.00	0.5
ISK	2.77	81	ePn	03	11.00	4.2X
KZN	2.82	263	ePn	03	09.20	1.6
SKO	3.27	294	ePn	03	20.50	6.6X
			i	03	28.00	
OHR	3.54	278	e(Pn)	03	31.00	13.3X
ISR	4.52	10	eP	03	36.00	4.4X
CLO	4.79	337	ePc	03	34.00	-1.4
MLR	4.82	4	eP	03	37.00	1.1
CVO	5.16	6	eP	03	36.00	-4.7X
VRI	5.27	10	eP	03	40.00	-2 [illegible]
	S.D. = 1.2		on 22 of 32 obs.			
	• FEB 07, 1985 14h 13m 32.58± 0.43s					
	10.405 S ± 8.2km 164.878 E ±10.3km					
	DEPTH = 33.0km (normal)					
	4.7mb (4 obs.)					
	SANTA CRUZ ISLANDS REGION (183)					
HNR	4.95	281	eP	14	53.00	6.3X
			eS	16	50.00	
KOU	10.11	183	iPc	15	58.00	-0.7
			iS	17	51.20	
NOU	11.93	173	iPc	16	23.00	-0.4
			iS	18	35.50	
CTA	20.36	240	eP	18	10.00	0.7
			iS	22	05.00	
GNZ	30.48	159	P	19	45.00	0.3
WB2	30.90	249	eP	19	47.20	-1.4
WRA	30.91	249	Pd	19	49.20	0.5
	0.8s		4.30nm		4.3mb	
MNG	31.52	164	P	19	56.70	2.8X
MAT	53.01	333	(P)	22	46.00	-2.6X
	1.1s		21.52nm		5.0mb	
			eS	30	30.00	
CN2	64.76	329	Pd	24	08.40	-1 6
IPM	65.30	280	ePc	24	14.30	0.2
BJI	67.45	321	eP	24	26.50	-0.8
LOE	68.23	293	eP	24	30.50	-2.1
CD2	71.54	307	eP	24	53.00	0.3
LZH	73.70	312	eP	25	07.00	1 6
GTA	78.00	314	P	25	31.20	1.5
COL	82.98	18	eP	25	55.00	-0.5
	0.9s		8.40nm		4.8mb	
MWC	85.29	54	eP	26	13.00	5.0X
ISA	85.36	53	eP	26	13.00	4.9X
SBB	85.61	54	eP	26	08.00	-1 4
PLM	86.02	55	eP	26	12.00	0.4
CLC	86.09	53	eP	26	11.00	-0.8
TPC	86.87	55	eP	26	17.00	1 4
EUR	88.30	50	iP	26	22.00	-0.6
	0.5s		1.33nm		4.5mb	
INK	89.58	19	eP	26	34.00	6.3X
YKA	94.80	27	P	26	56.20	4.3X
BNG	146.11	262	iPKPc	33	12.50	1.4
	0.6s		20.00nm			
			i	33	17.90	
BCAO	146.12	262	ePKP	33	12.00	0.9
	0.7s		7.62nm			
SOB1	147.79	126	ePKP	33	14.80	1.0
ITR	149.99	129	ePKP	33	24.10	6.9X
	S.D. = 1.1		on 22 of 30 obs.			

07d 14h

• FEB 07, 1985 14h 42m 22.27± 1.06s
43.006 N ± 8.8km 25.275 E ± 9.8km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

PVL	0.16	332	eP	42 25.00	-1.0
DIM	0.99	167	ePg	42 41.00	0.0
PLD	0.99	265	ePg	42 40.00	-1.1
JMB	1.10	119	iPd	42 44.00	1.0
KDZ	1.36	178	iPg	42 46.00	-1.3
VTS	1.58	256	iP	42 52.00	1.7
MMB	1.82	220	iPd	42 57.00	3.1X
VAY	2.62	231	ePn	43 06.00	0.6
S.D. = 1.4 on 7 of 8 obs.					

• FEB 07, 1985 16h 09m 16.21± 1.25s
6.538 N ± 7.0km 126.801 E ±14.5km
DEPTH = 85.8 ± 10.2 km
4.6mb (3 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

DAV	1.33	294	eP	09 40.00	0.0
			iS	10 00.00	
CGP	2.83	312	eP	10 00.00	-0.1
			eS	10 33.50	
MAP	4.68	324	eP	10 26.00	0.1
			eS	10 57.00	
MNI	5.43	201	eP	10 37.10	0.8
MTN	19.73	167	eP	13 40.00	-1.7
KNA	22.23	175	eP	14 07.00	0.1
LOE	26.76	296	eP	14 50.00	0.1
PPI	27.25	256	iP	14 52.50	-1.9
WB2	27.34	164	eP	14 53.30	-1.9
WBN	32.48	180	iPd	15 41.20	0.5
MEK	33.91	193	iPc	15 53.10	0.0
MRWA	37.04	196	eP	16 20.00	0.4
BAL	38.18	194	iPc	16 29.50	0.4
KLB	38.89	192	iPc	16 35.20	0.2
MUN	39.61	194	iPc	16 41.90	0.9
NWAO	40.29	192	eP	16 48.00	1.5
STK	40.73	161	iPd	16 45.00	-5.2X
RKG	41.44	192	eP	17 02.00	6.0X
PKI	44.46	303	eP	17 20.90	-0.2
	0.9s		7.00nm		4.5mb
KKN	44.64	303	eP	17 22.60	0.2
	0.8s		9.00nm		4.7mb
DMN	44.72	303	eP	17 23.20	0.0
	0.9s		9.00nm		4.6mb
INK	87.55	22	eP	21 55.00	-0.5
YKA	96.93	24	eP	22 40.30	1.3
S.D. = 1.0 on 21 of 23 obs.					

? FEB 07, 1985 16h 11m 05.36± 5.02s
31.227 S ±30.4km 71.633 W ±35.4km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

JACH	1.70	149	iPd	11 32.90	-0 3
			iS	11 48.00	
ROCH	1.82	163	iPd	11 35.40	0.3
			iS	11 53.00	
PEL	2.07	157	iPc	11 38.50	-0.1
			iS	11 56.80	
BACH	2.33	156	eP	11 42.00	-0.2
FCH	2.38	152	iP	11 43 50	0.2
			iS	12 06.10	
TACH	2.49	167	iPc	11 44.80	0.3
			iS	12 08.50	
PCH	2 57	159	iP	11 45.50	-0.1
			iS	12 10.50	
LNV	2 73	176	iPc	11 47.40	-0.3
CHCH	2.82	163	iP	11 49.30	0.1
			iS	12 17.50	
TCA	6.03	93	e(P)	12 34.70	0.0
S.D. = 0.3 on 10 of 10 obs.					

• FEB 07, 1985 16h 21m 16.99± 1.02s
31.390 S ±19.9km 69.093 W ± 8.3km
DEPTH = 137.7 ± 11.7 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.54	84	iPd	21 37.00	-0.4
			S	21 49.00	
RTCV	0.67	135	iPc	21 38.00	-0.3
			S	21 51.80	
CFA	0.76	107	iPc	21 38.50	-0.4
			S	21 53.10	
MDZ	1.50	172	eP	21 46.70	0.6
			i	21 55.10	
			iS	22 05.10	
JACH	1.81	224	iP	21 49.80	0.1
FCH	2.18	207	iP	21 55.50	1.1
			i(S)	22 24.00	
PEL	2.21	217	iPc	21 54.60	0.2
			iS	22 20.30	
ROCH	2.27	225	iPc	21 54.70	-0.6
			iS	22 22.50	
BACH	2.29	211	iPd	21 56.30	0.9
			iS	22 25.40	
PCH	2.53	208	iPd	21 59.00	0.5
			iS	22 30.50	
TACH	2.74	214	iP	22 00.80	-0.4
			iS	22 30.20	
VCA	2.75	17	ePc	22 04.00	2.6X
			S	22 37.80	
CHCH	2.86	207	iP	22 03.00	0.3
			iS	22 34.70	
LNV	3.22	217	iPd	22 05.50	-1.8
TCA	3.85	90	iPd	22 16.20	0.4
			S	22 59.50	
CYA	4.10	45	iPc	22 19.50	0.4
			S	23 06.00	
SLA	7.36	26	e(P)	23 20.00	16.8X
VBA	8.86	141	ePd	23 22.50	-0.7
S.D. = 0.8 on 16 of 18 obs.					

• FEB 07, 1985 17h 18m 51.88± 1.14s
39.273 N ±18.3km 15.766 E ±14.2km
DEPTH = 240.7 ± 8.9 km
3.8mb (2 obs.)
SOUTHERN ITALY (390)

ORI	0.94	34	ePg	19 26.00	0.2
			eSg	19 52.00	
SGO	1.33	345	ePn	19 28.50	0.2
GIB	1.88	227	ePg	19 32.80	-0.1
BRT	1.95	34	ePg	19 32.50	-0.8
LCI	1.99	57	iPnc	19 34.00	0.2
			eSn	20 05.00	
SKO	5.09	56	e(P)	20 09.30	0.3
HFS	20.92	357	eP	23 16.40	0.0
	0.4s		2.80nm		4.1mb
NB2	21.98	354	P	23 27.20	0.5
	0.5s		0.60nm		3.4mb
SUF	24.31	12	iP	23 48.20	-0.5
S.D. = 0.5 on 9 of 9 obs.					

? FEB 07, 1985 17h 30m 25.09± 3.71s
15.928 N ±15.4km 60.292 W ±35.3km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)

SFG	0.93	291	eP	30 48.80	7.1X
MGG	0.99	270	eP	30 46.50	3.9X
MDN	1.23	240	eP	30 46.00	0.0
CRM	1.31	207	iPd	30 49.60	2.4X
			S	31 08.50	
PAG	1.34	275	eP	30 47.50	-0.2
FDF	1.45	215	eP	30 49.10	-0.1
			S	31 07.10	
MVM	1.48	203	iPd	30 51.18	1.4
BPA	1.87	307	eP	30 55.45	0.1
			S	31 17.30	
SLW	2.00	198	eP	30 56.00	-1.2
			S	31 19.50	
S.D. = 1.1 on 6 of 9 obs					

? FEB 07, 1985 17h 58m 20.21± 1.26s
23.367 N ±24.5km 45.029 W ±17 4km
DEPTH = 10.0km (geophysicist)
4.7mb (6 obs.)
NORTH ATLANTIC RIDGE (403)

FFC	52.27	322	eP	07 34.00	0.3
	0.8s		6.00nm		4.6mb
NB2	53.63	30	P	07 44.00	0.3
	1.0s		4.80nm		4.4mb
HFS	54.54	32	eP	07 50.10	-0.3
	0.9s		8.90nm		4.8mb
ALE	59.57	357	ePc	08 25.60	-0.3
	0.8s		7.00nm		4.8mb
YKA	60.12	330	eP	08 29.90	0.1
SUF	60.88	30	eP	08 35.00	0.0
MBC	63.75	345	eP	08 55.00	1.0
BCAO	64.01	97	eP	08 56.60	-0.1
	0.9s		1.71nm		4.2mb
BNG	64.02	97	ePc	08 56.90	0.1
	0.4s		5.00nm		5.1mb
			i	09 04.00	
INK	67.96	336	eP	09 20.00	-1.1
S.D. = 0.6 on 10 of 10 obs.					

FEB 07, 1985 18h 49m 45.02± 0.77s
31.659 S ± 7.1km 68.081 W ± 7.1km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

RTCV	0.44	243	ePd	49 51.20	-2.8X
RTLL	0.47	315	iPd	49 54.40	-0.1
MDZ	1.38	208	eP	50 10.00	-0.4
			iS	50 25.80	
FCH	2.50	228	iPc	50 27.40	0.7
BACH	2.65	230	iPc	50 29.20	0.7
PEL	2.65	235	iPd	50 29.50	0.8
			iS	51 03.80	
ROCH	2.80	241	iP	50 32.40	1.4X
			iS	51 09.00	
PCH	2.83	226	iPc	50 31.00	-0.3
			iS	51 09.40	
VCA	2.91	358	ePd	50 37.60	5.2X
			S	51 17.10	
TCA	3.00	85	iPd	50 33.60	0.1
			e	50 42.00	
			S	51 16.00	
TACH	3.12	230	iP	50 34.40	-0.8
CHCH	3.14	223	iP	50 35.50	0.1
LNV	3.62	230	iP	50 41.50	-0.8
			iS	51 32.20	
S.D. = 0.7 on 10 of 13 obs.					

% FEB 07, 1985 19h 09m 14.02± 0.96s
33.454 S ± 8.8km 70.921 W ± 9.8km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

TACH	0.20	184	iPd	09 19.70	-1.0
			iS	09 22.80	
PEL	0.37	33	iPc	09 22.80	0.1
			iS	09 28.80	
BACH	0.37	74	iPc	09 22.90	0.1
			iS	09 28.20	
PCH	0.38	116	iPd	09 22.80	-0.2
			iS	09 30.00	
CHCH	0.53	155	iPd	09 25.60	0.5
FCH	0.54	77	iP	09 25.60	0.1
LNV	0.65	219	iPc	09 27.10	0.4
			iS	09 35.00	
S.D. = 0.6 on 7 of 7 obs.					

% FEB 07, 1985 19h 27m 37.43± 0.85s
40.079 N ± 6.8km 29.368 E ± 5.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

YLV	0.49	0	iPg	27 47.00	-0.3
			iSg	27 54.00	
DST	0.74	231	iPg	27 51.40	-0.6
			iSg	28 00.90	
GPA	0.75	73	ePn	27 52.50	0.3
KCT	0.79	283	ePn	27 54.00	1.1
ISK	1.01	347	iPn	27 56.10	-0.5
TTK	1.06	253	ePn	27 57.20	-0.3
BNT	1.14	284	iPn	27 59.10	0.3
EDC	1.18	284	iPg	27 58.50	-1.0
			iSg	28 12.80	
CTT	1.28	327	iPn	28 01.30	0.1
KGT	1.62	284	ePn	28 07.00	0.9
S.D. = 0.8 on 10 of 10 obs.					

% FEB 07, 1985 20h 31m 50.87± 1.02s
39.052 N ± 9.2km 29.941 E ±12.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

GPA	1.27	13	iPn	32 14.00	-0.4
YLV	1.58	344	iPn	32 19.50	0.5
TTK	1.63	296	iPn	32 19.10	-0.7
BCK	1.67	162	ePn	32 20.40	0.1
BNT	2.03	311	ePn	32 25.00	-0.5
EDC	2.06	310	ePn	32 27.80	1.9
ISK	2.12	342	ePn	32 30.30	3.5X

KGT	2.47	305	ePn	32 30.90	-0.9
	S.D. = 1.2	on	7 of	8 obs.	

? FEB 07, 1985 23h 29m 22.71± 4.16s
31.981 S ±22.6km 71.661 W ±30.3km
DEPTH = 19.5 ± 6.9 km
NEAR COAST OF CENTRAL CHILE (135)

ROCH	1.13	151	iPd	29 43.50	-0.1
			iS	29 53.70	
JACH	1.14	128	iPc	29 52.40	8.7X
			iS	30 11.00	
PEL	1.42	145	iPd	29 47.70	0.1
			iS	30 01.30	
BACH	1.69	145	iPd	29 51.70	0.2
FCH	1.77	140	iPc	29 52.40	-0.5
			iS	30 11.00	
TACH	1.78	160	iP	29 52.50	-0.2
			iS	30 11.40	
PCH	1.90	150	iPd	29 54.20	-0.4
			iS	30 13.20	
LNV	1.98	174	iPd	29 55.40	-0.2
			iS	30 16.00	
CHCH	2.12	157	iP	29 58.40	0.6
			iS	30 21.00	
MDZ	2.54	111	eP	30 09.80	6.0X
			iS	30 40.70	
TCA	6.06	86	iPd	30 53.60	0.0
			S	32 00.00	
	S.D. = 0.4	on	9 of	11 obs.	

& FEB 07, 1985 23h 44m 35.30s
36.286 N 89.512 W
DEPTH = 7.0km
NEW MADRID, MISSOURI REGION (486)
<SLM>. mbLg 3.1 (SLM). Felt at Ridgely, Tennessee.

GRT	0.07	107	eP	44 37.40	0.1
DMV	0.46	336	e(P)	44 44.50	0.0
ELC	1.02	13	eP	44 54.00	-0.9
POW	1.36	265	eP	45 00.00	-0.6
OLY	1.77	244	eP	45 06.50	-0.1
FVM	1.85	337	eP	45 08.50	0.9
	6 obs. associated				

% FEB 08, 1985 00h 02m 10.60± 1.04s
33.334 S ± 7.3km 71.099 W ±10.9km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

ROCH	0.37	12	iP	02 20.50	1.0
			iS	02 29.00	
PEL	0.40	61	iPc	02 20.60	0.9
			iS	02 29.50	
BACH	0.51	92	iPd	02 21.80	0.4
			iS	02 31.20	
PCH	0 57	120	iP	02 22.10	-0.2
			iS	02 32.00	
LNV	0.67	203	iPd	02 23.40	-0.2
			iS	02 34.20	
FCH	0.68	90	iP	02 23.40	-0.6
CHCH	0.70	148	iP	02 24.50	0.4
			iS	02 35.20	
JACH	0.78	33	iPc	02 23.60	-1.6
			iS	02 35.30	
	S.D. = 1.0	on	8 of	8 obs.	

% FEB 08, 1985 00h 11m 10.39± 2.14s
40.825 N ±17.7km 23.351 E ±10.9km
DEPTH = 10.0km (geophysicist)
GREECE (364)

SOH	0.00	142	ePg	11 10.90	-1.4
			eSg	11 19.30	
THE	0.35	237	iPgc	11 17.30	-0.3
			eSg	11 19.80	
KNT	0.48	315	ePgc	11 22.50	2.3X
OUR	0.69	135	ePg	11 27.00	3.0X
			eSg	11 37.10	
GRG	0.73	281	ePg	11 25.30	0.5
			eSg	11 35.10	
PAIG	0.93	164	ePg	11 29.10	0.9
			eSg	11 41.90	
LIT	0.98	223	ePgc	11 28.50	-0.5
			eSg	11 39.70	
	S.D. = 1.3	on	5 of	7 obs.	

? FEB 08, 1985 00h 31m 43.00± 2.19s
17.662 N ±31.2km 145.669 E ±64.0km
DEPTH = 207.5 ± 21.1 km
4.4mb (4 obs.)
MARIANA ISLANDS (216)

GUMO	4.12	191	eP	32 47.20	0.1
			e(S)	33 32.50	
WB2	38.99	197	eP	38 50.10	-0.8
WRA	38.99	197	P	38 51.00	0.1
	0.4s		1.60nm	4.0mb	
WBN	47.33	204	iPd	39 58.10	0.3
NAU	49.67	218	eP	40 16.00	0.2
	0.5s		9.00nm	4.5mb	
INK	70.34	23	eP	42 34.00	-1.6
MBC	74.16	14	eP	42 58.00	0.1
YKA	78.91	28	eP	43 25.20	0.8
YKC	78.98	28	eP	43 25.00	0.2
	0.6s		5.00nm	4.4mb	
FFC	87.98	32	eP	44 11.00	0.5
	0.8s		6.00nm	4.5mb	
	S.D. = 0.8	on	10 of	10 obs.	

* FEB 08, 1985 01h 02m 02.73± 0.87s
34.609 N ±10.6km 135.313 E ± 8.8km
DEPTH = 387.3 ± 9.6 km
3.7mb (3 obs.)
NEAR S. COAST OF SOUTHERN HONSHU(233)

MAT	3.05	50	iPd	03 06.00	0.2
			eS	03 56.00	
CN2	11.94	323	eP	04 44.00	-0.5
TIA	14.92	281	eP	05 17.00	-0.1
WHN	18.12	263	eP	05 51.00	1.2
XAN	21.79	276	Pd	06 25.70	0.2
CD2	26.73	271	eP	07 10.00	-0.5
WB2	54.26	181	eP	10 52.80	0.5
WRA	54.26	181	Pc	10 51.10	-1.2
	0.6s		0.80nm	3.2mb	
GBA	56.04	263	Pc	11 05.10	0.0
	0.7s		2.90nm	3.7mb	
INK	58.77	26	eP	11 23.00	-0.2
MBC	60.21	15	eP	11 32.00	-0.9
YKA	68.33	28	eP	12 26.40	1.7
YKC	68.39	28	eP	12 25.00	-0.1
NB2	74.40	335	P	13 00.50	0.0
	0.7s		1.80nm	3.9mb	
	S.D. = 0.9	on	14 of	14 obs.	

FEB 08, 1985 01h 31m 02.77± 0.35s
43.200 N ± 4.0km 0.201 E ± 3.6km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 4.0 (LDG).

EPF	0.20	149	Pg	31 06 80	-0.4
JAU	0.45	249	P	31 11.74	-0.2
			S	31 17.96	
OGE	0.49	267	P	31 13.39	0.6
ESCF	0.58	258	P	31 13.84	-0.7
LHE	0.67	245	P	31 15.22	-0.9
ATE	0.67	261	P	31 15.84	-0.3
			S	31 25.68	
MADF	0.75	266	P	31 17.85	0.4
ISSF	0.75	257	P	31 17.36	-0.2
LPO	1.64	25	Pn	31 33.30	1.5
			Pg	31 37.40	
			Sg	32 01.30	
LFF	1.78	12	Pn	31 34.90	1.2
			Pg	31 40.50	
			Sg	32 04.60	
LGR	2.12	250	ePn	31 40.30	1.5
			iPg	31 46.50	
			iSn	32 09.80	
			iSg	32 16.50	
CAF	2.19	37	Pn	31 40.00	0.3
			Pg	31 47.20	
			Sg	32 16.00	
RJF	2.31	24	Pn	31 41.60	0.2
			Pg	31 49 20	
			Sg	32 21.00	
EBR	2.39	175	ePn	31 44.50	2.0
			eSn	33 21 40	
MFF	3.41	356	Pn	31 57 80	0.8
			Pg	32 10.20	
			Sg	32 55.00	
MZF	3.46	29	Pn	31 57.00	-0.8
			Pg	32 11.20	
			Sg	32 57.20	
PLDF	3.69	40	ePn	32 03.00	1.8
BGF	3.85	28	Pn	32 03.60	0.3
			Pg	32 18.00	
			Sg	33 08.80	
AVF	4.23	31	Pn	32 08.60	0.0
			Pg	32 24.80	
			Sg	33 21.40	
SMF	4.31	36	Pn	32 09.50	-0.3
			Pg	32 25.70	
			Sg	33 23.50	
LRG	4.50	85	Pn	32 11.30	-0.2
SSF	4.51	30	Pn	32 12.50	-0.2
			Pg	32 30.50	
			Sg	33 30.00	
TOL	4.60	225	ePg	32 13.00	-1.0
			iSg	33 02.00	
LMR	4.61	86	Pg	32 29.60	15.5X
LBF	4.63	34	Pg	32 32.50	18.0X
			Sg	33 40.00	
FRF	4.71	83	Pn	32 14.80	-0.8
LOR	4.82	31	Pn	32 16.80	-0.3
			Sg	33 38.70	
LPF	4.91	350	Pn	32 17.90	-0.4
			Pg	32 37.50	
			Sg	33 42.60	
GRR	5.24	352	Pn	32 22.60	-0.4
			Pg	32 43.00	
			Sg	33 53.00	
LDF	5.40	358	Pg	32 47.40	22.1X
			Sn	33 24.80	
			Sg	33 58.00	
FLN	5.58	355	Pn	32 26.60	-1.2
			Pg	32 50.60	
			Sg	34 03.40	
CVF	6.40	93	Pn	32 35.20	-4.2X
HAU	6.45	40	Pg	33 05.80	25.6X
DOU	7.53	22	Pn	32 54.00	-1.2
			Sn	34 20.30	
			e	48 46.50	
WLF	7.66	30	eP	33 30.70	33.7X
			e	34 22.40	
			e	35 15.20	
	S.D. = 0.9	on	29 of	35 obs	

FEB 08, 1985 01h 45m 53.92± 0.51s
46.477 N ± 5.0km 12.797 E ± 5.1km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 3.4 (VKA), 3.3 (FUR), 2.9 (TRI). Felt at Kotschach, Austria.

KBA	0.71	32	iPgc	46 06.70	-1.3
			i	46 09.70	
			iSg	46 16.00	
VOY	0.88	120	iPnc	46 08.80	-2.1
			eSg	46 23.00	
CTI	0.90	242	ePg	46 10.00	-1.3
	0.2s	170.00nm			
			iSg	46 24.00	
TRI	1.02	138	iPgd	46 14.10	0.9
			iSg	46 28.50	
BHG	1.25	3	ePg	46 17.00	-0.1
LJU	1.28	109	ePnc	46 18.40	0.7
	0.7s	340.00nm			
			iSg	46 36.70	
OGA	1.28	288	iPgc	46 17.00	-0.8
CEY	1.35	122	iPg	46 19.60	0.8
			iSn	46 39.10	
			iSg	46 40.80	
SAL	1.81	242	iPgd	46 26.50	1.2
	0.3s	150.00nm			
			iSg	46 54.00	
FUR	1.98	329	iPgd	46 30.70	2.8X
			iSg	46 58.30	
GRC1	2.66	342	ePn	46 38.70	1.1
			ePg	46 47 10	
			eSg	47 19.40	
WET	2.67	1	iPnd	46 38.80	1.0
KHC	2.71	11	ePg	46 38.30	0.0
			Sg	47 19.10	
VKA	2.99	52	ePg	46 48.00	5.8X
			iSg	47 31.00	
ZST	3.40	58	e(P)	47 48.50	6.5X
ORO	3.46	257	ePn	46 57.00	8.0X

08d 01h

PRU	3.70	18	Pn	47	02.00	9.6X
			Sn	47	36.00	
			Sg	47	49.50	
BUH	3.79	307	ePn	46	53.90	0.2
HOF	3.89	351	ePn	46	54.80	-0.2
MOX	4.25	350	ePn	47	00.00	-0.1
			eSn	47	48.00	
			eSg	48	10.00	
BRG	4.47	9	ePg	47	18.00	14.8X
			eSg	48	13.50	
SPC	5.70	59	iP	47	24.50	3.6X
S.D. = 1.1 on 15 of 22 obs.						
• FEB 08, 1985 02h 16m 18.91± 1.40s						
51.250 N ±14.4km 15.650 E ± 9.1km						
DEPTH = 18.8 ± 8.8 km						
POLAND						(548)
ML 3.9 (GRF), 3.7 (VKA), 3.3 (KBA).						
BRG	1.14	251	iPg	16	41.00	1.3
			iSg	17	03.00	
PRU	1.45	210	Pn	16	44.40	0.2
			Pg	16	45.80	
			Sn	17	03.10	
			Sg	17	10.10	
CLL	1.66	273	iPn	16	46.60	-0.7
			iPg	16	49.30	
			iSg	17	15.80	
KHC	2.50	213	Pn	16	59.40	0.0
			Pg	17	05.60	
			Sn	17	34.40	
HOF	2.57	250	iPnd	17	00.20	-0.2
MOX	2.62	258	ePg	17	08.50	7.4X
			iSg	17	48.50	
WET	2.76	221	iPnc	17	03.40	0.4
KRA	2.98	112	ePn	17	06.70	0.6
			eSn	17	44.70	
VKA	3.02	171	iPnd	17	05.70	-1.0
			iPg	17	13.30	
			iSn	17	41.30	
			iSg	17	54.00	
ZST	3.20	162	e(P)	18	04.50	55.2X
			i	18	20.00	
GRF	3.23	243	ePn	17	10.00	0.3
			ePg	17	23.00	
			eSg	18	08.90	
KBA	4.44	201	iPnc	17	26.90	-0.1
			iPg	17	42.30	
			iSg	18	33.20	
			i	18	34.00	
TNS	4.69	260	eP	17	30.00	-0.4
			eS	18	55.00	
S.D. = 0.7 on 11 of 13 obs.						
• FEB 08, 1985 03h 06m 23.01± 0.58s						
51.128 N ±13.5km 178.136 W ± 7.2km						
DEPTH = 33.0km (normal)						
4.8mb (14 obs.)						
ANDREANOF ISLANDS, ALEUTIAN IS. (7)						
ML 4.6 (PMR).						
ADK	1.18	50	eP	06	44.40	1.1
SMY	5.06	291	eP	07	44.40	5.8X
TTA	16.76	37	eP	10	19.50	3.0
PME	19.06	45	eP	10	47.60	2.7
IMA	19.45	30	eP	10	49.50	0.0
CCL	20.89	37	eP	11	04.00	-0.4
	0.7s		27.40nm			4.8mb
FBA	20.89	37	eP	11	04.50	0.1
BPW	22.45	18	eP	11	19.50	-0.5
INK	27.43	35	eP	12	06.00	-1.2
MBC	33.69	22	eP	13	02.00	-0.4
MAT	34.16	262	iPc	13	07.40	0.4
	0.9s		14.29nm			4.9mb
YKA	35.10	46	eP	13	14.40	-0.3
YKC	35.17	46	eP	13	14.00	-1.3
	0.4s		5.00nm			4.8mb
PNT	36.63	69	eP	13	29.00	1.2
	0.7s		9.00nm			4.8mb
EDM	38.57	61	eP	13	43.50	-0.6
ISA	44.78	86	eP	14	43.00	7.8X
CLC	45.23	85	eP	14	48.00	9.2X
SBB	45.81	87	eP	14	47.00	3.7X
BCA	45.84	283	eP	14	43.50	0.1
MWC	45.96	87	eP	14	48.00	3.3X
BDW	45.98	72	eP	14	45.30	0.5
GSC	46.05	85	eP	14	56.00	10.7X
TPC	47.30	86	eP	15	01.00	5.9X
TIA	47.61	278	P	14	57.50	0.0
BTO	49.24	287	eP	15	11.70	1.5
GOL	50.35	73	eP	15	19.80	0.9
	1.0s		6.00nm			4.6mb
ALQ	52.74	78	eP	15	36.00	-0.9
	1.0s		3.75nm			4.3mb
FRB	53.02	32	eP	15	36.00	-2.3
WHN	53.09	274	P	15	39.00	-0.3
XAN	54.12	282	eP	15	46.00	-0.8
LZH	55.86	287	eP	16	00.50	0.9
GTA	56.05	292	iPd	16	01.70	0.8
LTX	58.28	82	eP	16	20.00	3.2X
TUL	58.56	71	eP	16	17.50	-1.1
	0.8s		11.20nm			5.0mb
RLO	58.84	70	eP	16	19.40	-1.1
CD2	59.44	282	P	16	22.80	-1.9
SOD	60.36	349	eP	16	38.00	7.5X
KJF	63.26	348	eP	16	48.00	-2.0
SUF	64.88	348	iP	16	59.60	-1.0
NUR	67.21	348	iP	17	13.80	-1.7
NB2	67.93	355	P	17	19.70	-0.4
	0.7s		2.00nm			4.3mb
HFS	68.68	354	eP	17	22.70	-1.9
	0.5s		2.10nm			4.5mb
KKN	72.78	293	iPc	17	52.00	1.9
	0.6s		60.00nm			5.8mb
PKI	72.87	293	iPc	17	51.20	0.4
	0.5s		27.00nm			5.5mb
DMN	73.01	293	iPc	17	52.40	0.8
	0.8s		59.00nm			5.6mb
JOS	79.47	347	eP	18	28.90	1.7
KHC	79.62	352	Pc	18	28.90	0.8
KBA	81.68	352	iPd	18	39.50	0.3
	0.8s		11.00nm			4.9mb
WRA	82.12	224	Pc	18	41.70	0.2
	0.5s		0.80nm			4.0mb
HYB	84.69	291	eP	18	55.50	0.7
GBA	88.35	290	P	19	13.00	0.3
KIC	122.46	8	ePKP	25	16.10	-0.4
S.D. = 1.2 on 43 of 52 obs.						
FEB 08, 1985 04h 32m 46.35± 0.19s						
46.831 N ± 5.1km 152.850 E ± 3.0km						
DEPTH = 35.6km (6 depth phases)						
5.2mb (44 obs.) 4.4Msz (2 obs.)						
KURIL ISLANDS						(221)
URA	8.58	241	eP	34	57.00	6.0X
			eS	36	35.00	
TSK	14.25	226	eP	36	02.80	-4.8X
DDR	14.88	228	eP	36	11.90	-4.0X
MAT	14.99	232	iPc	36	13.70	-3.5X
	0.7s		61.64nm			5.0mb
Z	20s		1.42um			
			(S)	38	46.00	
SRY	15.14	227	eP	36	15.60	-3.6X
OYM	15.31	227	eP	36	19.10	-2.3X
MDJ	16.38	271	eP	36	35.60	0.5X
			eS	39	40.00	
SHK	19.55	238	ePd	37	12.90	-1.0X
SNY	21.46	267	eP	37	32.00	-1.5
BJI	27.30	269	eP	38	30.50	1.2
			eS	43	33.00	
TIA	28.55	261	P	38	40.60	-0.1
SSE	28.96	248	eP	38	44.30	-0.1
NJ2	29.85	253	Pd	38	52.00	-0.4
TIY	30.97	268	eP	39	03.00	0.7
BTO	31.27	274	eP	39	03.90	-1.1
TTA	32.48	42	eP	39	15.70	0.4
WHN	33.78	255	P	39	26.60	-0.2
IMA	33.85	36	eP	39	27.50	0.3
BRW	33.97	26	eP	39	29.00	1.0
KDC	34.25	51	eP	39	30.00	-0.5
XAN	35.34	265	Pc	39	39.70	-0.6
PMR	35.67	44	eP	39	43.50	0.9
	1.0s		2.20nm			4.0mb X
COL	36.21	38	iP	39	48.20	1.0
	0.9s		81.93nm			5.6mb
			e	40	00.00	43km
FBA	36.21	38	eP	39	47.60	0.4
LZH	37.70	272	eP	40	00.50	0.2
GTA	38.78	279	eP	40	09.60	0.4
GZH	39.53	247	P	40	16.00	0.6
CD2	40.71	265	iPc	40	25.70	0.6
GYA	41.56	257	Pc	40	32.40	0.2
INK	41.69	32	ePc	40	32.80	0.2
	0.9s		48.00nm			5.2mb
			pP	40	47.00	54kmX
MBC	44.58	20	ePd	40	57.00	0.9
	0.5s		5.00nm			4.6mb
KMI	45.08	259	Pc	41	01.00	0.0
ALE	49.69	6	ePd	41	35.40	-0.7
	0.6s		17.00nm			5.3mb
YKA	50.97	37	eP	41	46.90	0.9
YKC	51.03	37	ePd	41	47.00	0.5
	1.2s		32.00nm			5.2mb
LOE	51.12	253	eP	41	41.80	-5.9X
CHG	51.96	256	iPc	41	54.00	-0.1
	0.8s		20.52nm			5.2mb
			eS	49	26.00	
CHTO	51.96	256	iP	41	54.10	0.0
	1.0s		26.75nm			5.2mb
NST	53.43	253	ePc	42	05.20	0.3
KKN	55.30	275	iPc	42	21.20	2.3
	0.7s		90.00nm			5.9mb
PNT	55.31	53	iP	42	18.00	-0.5
	0.9s		43.00nm			5.5mb
PKI	55.35	275	iPc	42	19.20	-0.2
DMN	55.53	275	iPc	42	21.20	0.6
NNT	55.96	250	eP	42	25.80	2.4
EDM	56.39	46	iPd	42	25.80	-0.4
	0.9s		120.00nm			5.9mb
DAG	56.56	358	iPc	42	25.80	-1.3
	1.0s		16.00nm			5.0mb
WDC	58.65	63	ePd	42	42.50	0.2
SOD	59.11	339	eP	42	43.00	-2.1
SES	59.21	48	eP	42	45.50	-0.6
	1.0s		58.00nm			5.7mb
ORV	59.91	63	ePd	42	50.50	-0.5
NDI	60.21	281	iPc	42	52.80	-0.3
	0.8s		29.85nm			5.5mb
FFC	60.79	40	iPd	42	56.50	-0.3
	0.9s		38.00nm			5.5mb
KJF	61.26	336	eP	42	59.00	-0.8
LRM	61.29	53	eP	43	00.70	0.1
JAS1	61.58	64	iPd	43	02.60	0.2
KGM	61.92	240	ePc	43	04.90	0.1
BMN	61.95	60	iPd	43	06.50	1.5
	0.7s		15.89nm			5.3mb
PRS	61.99	66	eP	43	05.10	0.0
LLA	62.08	65	eP	43	05.80	0.1
PRI	62.55	66	eP	43	10.00	1.0
FRI	62.61	64	eP	43	08.90	-0.3
MNA	62.64	62	eP	43	09.20	-0.4
SUF	62.86	335	iP	43	09.50	-1.0
	0.3s		6.00nm			5.2mb
EUR	63.29	60	iP	43	14.00	0.0
	0.2s		39.08nm			6.2mb X
CWC	63.97	64	eP	43	18.00	-0.4
PSI	64.04	244	ePd	43	18.30	-0.5
	0.7s		14.20nm			5.2mb
ISA	64.22	65	eP	43	19.00	-0.9
CLC	64.66	64	eP	43	23.00	0.2
BDW	64.83	54	eP	43	24.10	0.1
	1.0s		20.00nm			5.2mb
FRB	65.03	19	ePd	43	23.10	-1.5
			pP	43	37.00	49kmX
NUR	65.06	335	iP	43	23.80	-1.0
Z	18s		0.20um			4.4Msz
SBB	65.26	65	eP	43	27.00	0.4
PAS	65.39	66	eP	43	27.00	-0.4
MWC	65.42	66	eP	43	28.00	0.2
GSC	65.49	64	eP	43	28.00	-0.1
RVR	65.99	65	eP	43	37.00	5.8X
QUE	66.03	289	eP	43	32.00	0.2
MHI	66.67	299	eP	43	38.00	2.3
PLM	66.74	66	eP	43	36.00	-0.3
TPC	66.74	65	eP	43	35.00	-1.1
HYB	66.81	271	eP	43	36.00	-0.7
	0.9s		28.30nm			5.4mb
RSSD	66.91	50	eP	43	37.20	-0.1
	0.9s		39.92nm			5.5mb
RSON	67.10	39	eP	43	36.50	-1.5
	0.8s		8.10nm			4.9mb
UPP	67.56	337	iP	43	39.60	-1.2
NB2	68.09	341	P	43	43.30	-0.9
	0.6s		13.50nm			5.2mb
GLA	68.21	65	eP	43	45.00	-0.3
HFS	68.32	339	eP	43	43.90	-1.6
	0.5s		18.20nm			5.4mb
Z	19s		0.29um			4.5Msz
			LR	10	57.00	

WB2	68.53	199	eP	43 45.80	-1.4
WRA	68.53	199	Pd	43 46.10	-1.2
	1.1s	17.60nm		5.0mb	
GOL	69.24	54	eP	43 52.00	0.1
	0.9s	3.41nm		4.4mb	
			pP	44 10.00	67kmX
GLD	69.29	54	eP	43 52.90	0.8
	1.0s	12.00nm		4.9mb	
KONO	69.70	341	eP	43 53.90	-0.1
GBA	70.24	269	Pc	43 57.20	-0.7
	0.7s	24.80nm		5.4mb	
LHC	70.84	39	eP	44 00.00	-1.1
ALO	71.95	58	eP	44 08.00	-0.3
	0.9s	7.35nm		4.7mb	
			e	44 20.30	42km
ASPA	72.23	198	eP	44 09.00	-0.6
KOD	72.61	266	eP	44 12.00	-0.5
SCH	73.33	23	eP	44 15.00	-0.8
KRA	75.25	331	iPc	44 26.60	-0.3
KSP	75.75	333	eP	44 29.30	-0.5
CLL	76.32	335	iPc	44 32.50	-0.4
	1.5s	30.00nm		5.1mb	
JOS	76.38	330	eP	44 33.00	-0.4
BRG	76.43	335	eP	44 33.00	-0.6
OCO	76.59	52	e(P)	44 35.80	1.0
PRU	77.04	334	P	44 37.20	0.2
TUL	77.20	51	ePc	44 38.30	0.2
	1.3s	41.50nm		5.3mb	
			e	44 52.50	50kmX
			e	44 55.80	
			e	45 26.60	
MOX	77.30	336	iP	44 38.50	0.0
	1.1s	78.00nm		5.7mb	
WTS	77.33	339	eP	44 39.00	0.5
			e	44 48.50	30km
RLO	77.41	50	ePc	44 39.50	0.2
			e	44 58.80	71kmX
LTX	77.61	60	iP	44 41.10	0.5
SRO	77.73	331	e(P)	44 42.00	1.2
ZST	77.80	331	eP	44 42.50	1.3
KHC	78.09	334	iPd	44 43.50	0.7
	1.0s	14.00nm		4.9mb	
			e	45 04.00	76kmX
GRF	78.27	336	eP	44 35.70	-8.1X
			e	44 45.30	31km
FVM	78.37	46	eP	44 44.30	-0.2
	1.0s	13.00nm		4.9mb	
ENN	78.68	339	eP	44 46.00	0.0
			e	44 56.00	32km
OTT	78.71	33	eP	44 48.00	1.8
MEM	78.81	339	P	44 47.00	0.3
JCT	79.04	57	eP	44 48.50	0.1
MNT	79.38	31	eP	44 49.00	-0.8
KBA	79.99	333	iPc	44 53.50	0.1
	0.8s	15.20nm		5.0mb	
			i	45 04.80	37km
CDF	80.51	338	eP	44 55.90	-0.1
	1.2s	8.30nm		4.6mb	
HAU	81.13	338	eP	44 59.40	0.2
BSF	81.17	338	eP	44 59.50	0.0
SKO	81.62	326	e(P)	45 02.00	0.2
LOR	82.44	339	eP	45 06.20	0.2
	0.8s	10.70nm		5.0mb	
MRWA	82.69	212	eP	45 01.00	-6.4X
SSF	82.72	339	eP	45 07.30	-0.1
	1.0s	10.80nm		4.9mb	
AVF	83.01	339	eP	45 09.30	0.4
	0.7s	5.70nm		4.8mb	
SMF	83.02	339	eP	45 09.40	0.3
	1.2s	24.90nm		5.2mb	
STJ	83.36	17	eP	45 11.50	0.8
MZF	83.73	340	eP	45 13.80	1.1
	0.8s	17.90nm		5.2mb	
TCF	83.75	340	eP	45 13.40	0.6
	1.0s	11.40nm		5.0mb	
LSF	83.95	340	eP	45 14.20	0.4
	0.9s	13.60nm		5.1mb	
PRM	85.39	43	eP	45 21.90	0.7
NWAO	85.63	209	iPd	45 22.90	0.8
	0.9s	29.00nm		5.5mb	
KIC	123.43	333	ePKP	51 55.20	13.7X
ITR	140.86	18	e(PKP)	52 01.00	-13.5X
BAO	144.39	36	e(PKP)	52 18.00	-2.7X
BACH	144.67	83	iPKPd	52 27.00	6.3X
MDZ	145.51	81	ePKP	52 24.70	2.6X
	S.D. = 0.8	on 124 of 141 obs.			

& FEB 08, 1985 06h 58m 16.90s
35.450 N 118.900 W
DEPTH = 11.0km
4.6mb (6 obs.)
CENTRAL CALIFORNIA (39)
<PAS-P>. ML 4.6 (PAS), 4.7 (BRK). Slight domage (VI) at Bokersfield. Felt (V) at Arvin, Delkern, Kern City and Lamont, (IV) at Coliente, Bodfish, Lake Isabella, Poplar, Posey, Pumpkin Center, Tehochapi, and Woody. Felt in Kern, Kings, Fresno, Los Angeles, Tulore, Santo Borbora, San Bernordino and Venturo counties.

ISA	0.41	58	eP	58 24.60	-0.7
WKTM	0.51	47	P	58 26.20	-1.0
VPEM	1.01	60	P	58 35.60	-0.5
CLC	1.12	71	iPd	58 37.10	-0.8
SBB	1.16	130	iPd	58 37.90	-0.7
PHAM	1.28	288	P	58 38.40	-2.2
BLP	1.52	235	P	58 42.80	-1.2
PRI	1.59	296	ePc	58 42.90	-2.3
			i(S)	59 07.00	
FRI	1.67	337	iPd	58 45.25	-0.9
SDW	1.72	119	P	58 45.20	-1.8
LLA	2.02	306	iPd	58 49.70	-1.7
PRS	2.19	294	iPd	58 51.30	-2.5
SAO	2.44	303	eP	58 55.20	-2.1
SLD	2.48	312	P	58 56.00	-1.8
JAS1	2.76	334	iPd	59 01.30	-0.5
			iS	59 32.80	
ARN	2.85	313	P	59 00.80	-2.3
MHC	2.91	311	eP	59 01.50	-2.6
GCC	2.96	303	eP	59 02.60	-2.0
MNA	3.04	11	eP	59 06.40	0.5
PCC	3.47	307	ePc	59 09.80	-2.1
BKS	3.61	313	eP	59 12.30	-1.7
			eS	59 54.00	
BRK	3.63	313	eP	59 12.00	-2.1
CBX	3.64	149	iPd	59 12.99	-1.3
			S	59 31.59	
ZSP	3.67	314	eP	59 12.70	-2.1
GLA	4.14	124	P	59 18.60	-2.8
ORV	4.59	334	ePd	59 26.60	-1.2
EUR	4.65	29	iP	59 28.50	-0.4
BMN	5.15	14	P	59 35.40	-0.4
MIN	5.33	337	eP	59 49.80	11.3
ALQ	10.20	89	eP	00 48.00	1.6
	0.9s	3.36nm		4.8mb	
MFW	10.45	2	P	00 57.60	8.0
NEW	12.87	5	P	01 24.00	1.6
	0.9s	6.30nm		4.8mb	
PNT	13.87	358	eP	01 37.00	1.4
LTX	14.24	111	eP	01 42.40	1.8
RSSD	14.32	48	e(P)	01 41.20	-0.6
	0.6s	6.68nm		4.5mb	
EDM	18.20	11	ePd	02 29.30	-1.6
	0.6s	35.00nm		4.7mb	
FFC	22.57	26	eP	03 16.00	-2.2
	0.8s	8.00nm		4.3mb	
RSON	23.82	42	eP	03 28.40	-2.0
	0.6s	10.25nm		4.6mb	
YKA	27.20	4	eP	04 06.90	4.8
INK	33.91	350	eP	04 59.00	-2.5
COL	34.19	338	eP	05 04.00	0.0
MBC	40.89	360	eP	05 59.00	-1.0
	42 obs. associated				

• FEB 08, 1985 08h 23m 42.66± 2.34s
25.211 S ±10.9km 153.436 E ±26.9km
DEPTH = 33.0km (normal)
4.9mb (4 obs.)
NEAR EAST COAST OF AUSTRALIA (604)

BRS	2.25	195	iPc	24 18.00	-0.4
COO	5.52	194	eP	25 04.00	-0.7
			eS	26 23.00	
			e	26 35.00	
CTA	8.36	306	iPd	25 43.80	-0.8
	0.5s	5.99nm		5.0mb	
CTAO	8.36	306	eP	25 44.00	-0.6
CMS	9.16	225	iPd	25 55.50	-0.1
YOU	10.04	205	eP	26 09.80	2.1
WAM	11.62	199	eP	26 11.60	-17.6X

STK	12.35	235	eP	26 37.00	-2.0
ASPA	17.86	271	eP	27 53.00	2.7X
			eS	33 09.00	
WB2	18.38	283	iPc	27 58.20	1.5
			eS	31 25.20	
WRA	18.39	283	Pc	27 57.90	1.0
	0.7s	26.10nm		4.5mb	
PKI	83.92	304	eP	36 11.20	-0.1
	0.8s	7.00nm		4.9mb	
KKN	84.14	304	eP	36 15.00	2.8X
	0.8s	11.00nm		5.1mb	
	S.D. = 1.4	on 10 of 13 obs			

FEB 08, 1985 08h 51m 39.32± 0.70s
36.223 N ± 5.8km 120.200 W ± 5.6km
DEPTH = 5.0km (geophysicist)
CENTRAL CALIFORNIA (39)
ML 2.8 (BRK).

PRI	0.38	258	iPc	51 47.80	0.7
PHAM	0.42	203	iPd	51 48.20	0.5
LLA	0.72	303	iPc	51 55.00	1.3
FRI	0.86	27	iPd	51 57.70	1.3
PRS	0.95	277	iPc	51 57.60	-0.3
SAO	1.14	299	iPc	52 00.90	-0.2
SLD	1.18	316	eP	52 01.20	-0.6
WKTM	1.49	106	eP	52 06.00	-0.8
ARN	1.55	317	eP	52 06.50	-1.2
MHC	1.61	314	eP	52 07.80	-0.8
GCC	1.65	300	eP	52 08.60	-0.5
JAS1	1.71	354	iPd	52 10.50	0.6
			iS	52 32.70	
EUR	4.67	45	iP	53 09.80	17.4X
	0.8s	4.42nm			
	S.D. = 0.9	on 12 of 13 obs.			

? FEB 08, 1985 08h 54m 08.22±13.23s
51.775 N ±69.3km 16.587 E ±84.7km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.3 (KBA).

KSP	0.95	191	iP	54 26.50	0.2
	0.3s	20.00nm			
			iS	54 35.60	
BRG	1.89	242	iPg	54 41.40	0.6
			iSg	55 01.00	
PRU	2.21	217	Pg	54 46.30	0.9
			Sn	55 02.70	
			Sg	55 10.20	
CLL	2.29	260	iPn	54 46.60	0.1
			iPg	54 49.70	
			eSg	55 16.00	
KRA	2.73	128	ePn	55 09.50	16.6X
			eSn	55 48.70	
KHC	3.27	217	ePn	55 00.00	-0.6
			Sg	55 45.50	
HOF	3.31	246	ePn	55 00.70	-0.5
MOX	3.32	252	ePg	55 09.00	7.7X
			iSg	55 47.00	
WET	3.54	223	ePn	55 03.90	-0.5
ZST	3.60	174	e(P)	56 05.50	60.3X
GRB1	3.95	235	e(Pg)	55 20.30	10.2X
			eSg	56 06.00	
KBA	5.16	205	i(Pn)	55 27.20	-0.2
			iSg	56 43.80	
	S.D. = 0.6	on 8 of 12 obs.			

% FEB 08, 1985 12h 23m 23.99± 2.26s
34.111 S ±22.3km 71.129 W ± 9.7km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.28	304	iPd	23 31.40	-0.1
			iS	23 42.00	
CHCH	0.43	66	iPc	23 34.40	0.7
			iS	23 44.30	
TACH	0.48	19	iPd	23 34.80	0.4
			iS	23 47.30	
PCH	0.71	46	iP	23 36.60	-1.0
			iS	23 51.50	
BACH	0.92	35	iP	23 40.20	-0.5
			iS	23 56.70	
PEL	1.03	21	iP	23 42.30	0.0
			iS	24 00.80	
JACH	1.49	18	iP	23 49.30	0.4
	S.D. = 0.7	on 7 of 7 obs.			

08d 13h

FEB 08, 1985 13h 34m 07.39± 0.32s
47 236 N ± 6.8km 154.175 E ± 5.0km
DEPTH = 33.0km (normal)
5.3mb (42 obs.) 4.6Msz (1 obs.)
KURIL ISLANDS (221)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 6S, 14C
Centroid Location:
Origin Time 13:34:11.1 1.1
Lat 47.27N 0.13 Lon 153.84E 0.23
Dep 28.5 10.2 Half-duration 1.4
Moment Tensor; Scale 10**23 D-CM
Mrr= 3.08 0.33 Mtt=-0.99 0.33
Mff=-2.09 0.43 Mrt= 1.43 1.06
Mrf= 3.19 1.33 Mtf=-1.24 0.45
Principal Axes:
T Val= 4.71 Plg=65 Azm=289
N -0.23 4 27
P -4.48 25 119
Best Double Couple:Mo=4.6*10**23
NP1:Strike=217 Dip=21 Slip= 101
NP2: 26 70 86

MAT	15.95	234	eP	37	48.00	-2.9X
	1.0s	36.00nm		4.5mb		
Z	20s	0.71um				
			eS	40	50.00	
MDJ	17.28	270	eP	38	06.40	-1.2X
CN2	20.37	271	eP	38	40.00	-3 7X
SHK	20.54	240	ePc	38	45.80	0.3
SNY	22.39	267	eP	39	03.10	-0 9
BJI	28.21	269	eP	39	58.00	-0.9
TIA	29.51	262	P	40	10.40	-0.2
			eS	45	07.50	
MHC	30.98	274	P	40	24.30	0.5
TIY	31.89	268	P	40	32.40	0.7
BTO	32.15	275	eP	40	33.80	-0.2
WHN	34.76	256	iPc	40	56.40	-0.1
COL	35.33	39	eP	41	02.00	0.9
	0.8s	29.10nm		5.3mb		
XAN	36.28	265	Pc	41	09.20	-0.3
LZH	38.60	272	Pc	41	29.00	-0.1
GTA	39.61	279	iPd	41	37.80	0.3
			PPP	43	45.20	
INK	40.86	33	eP	41	47.00	-0.1
CD2	41.64	265	iPc	41	54.90	0.8
			S	48	14.00	
GYA	42.53	258	Pc	42	02.00	0.5
MBC	43.89	20	eP	42	12.50	0.7
WMO	45.43	291	eP	42	23.00	-1.7
KMI	46.04	260	Pc+	42	30.00	0.1
			pP	42	39.00	30kmX
			eS	49	10.00	
ALE	49.20	6	ePc	42	52.80	-0.8
	0.7s	14.00nm		5.1mb		
YKA	50.10	37	eP	43	01.60	0.9
YKC	50.16	37	ePc	43	01.50	0 3
	0.8s	12.00nm		5.0mb		
LOE	52 11	254	eP	43	15.50	-1.0
CHG	52.94	257	iPc	43	23.20	0.5
	0.9s	16.39nm		5.0mb		
			eS	51	12.00	
CHTO	52.94	257	eP	43	23.10	0.4
	1.0s	14.75nm		4.9mb		
EDM	55.45	47	ePc	43	40.50	-0.3
KKN	56.16	276	iPc	43	46.80	0.3
	0 8s	170.00nm		6.1mL		
DAG	56.19	358	iPc	43	44.00	-1.7
	0 4s	11.86nm		5.3mb		
[illegible]	56 22	275	iPc	43	46.90	-0.1
SWN	56 40	276	iPc	43	48.70	0.5
SCO	59.06	339	iP	44	04.50	-1.6
FFC	59.90	41	iPc	44	12.40	0.4
	0.9s	16.00nm		5.1mb		
BMN	60.96	61	eP	44	19.20	-0.4
	1.4s	10.63nm		4.8mb		
NDI	61.02	282	iPc	44	19.00	-0.9
	0.5s	81.69nm		6.1mb		
KJF	61.26	336	iP	44	19.00	-2.1
	0.7s	16.00nm		5.3mb		
SUF	62.86	336	iP	44	30.70	-1.1
	0.6s	6.40nm		4.9mb		
CLC	63.67	65	eP	44	48.00	10.4X
BDW	63.86	55	eP	44	38.50	-0.5
	1.2s	6.96nm		4.6mb		
SBB	64.26	66	eP	44	52.00	10.4X
FRB	64.35	20	ePc	44	40.50	-1.1
PAS	64.40	67	eP	44	54.00	11.6X
MWC	64.42	67	eP	44	42.00	-0.7
GSC	64.50	65	eP	44	54.00	10.9X
PSI	65.03	245	ePc	44	46.50	0.0
NUR	65.08	335	iP	44	45.90	-0.4
Z	20s	0.40um			4.6Msz	
			LR	14	50.00	
PLM	65.74	67	eP	44	50.00	-1.2
TPC	65.75	66	eP	44	57.00	5.9X
RSSD	65.95	51	eP	44	52.80	0.3
QUE	66.75	290	eP	44	57.40	-0.3
GLA	67.21	66	eP	45	02.00	1.6
MHI	67.27	299	eP	45	01.00	0.2
UPP	67.53	338	iP	45	01.00	-0.9
HYB	67.71	272	eP	45	03.00	-0.7
NB2	68.00	342	P	45	04.40	-0.6
	0.7s	46.40nm		5.7mb		
WB2	69.21	200	eP	45	11.70	-1.1
WRA	69.21	200	P	45	14.00	1.2
	0.8s	1.50nm		4.1mb X		
KONO	69.61	342	eP	45	14.40	-0.3
BER	69.78	344	eP	45	15.70	-0.1
ALQ	70.96	59	e(P)	45	22.00	-1.7
GBA	71.15	270	Pc	45	24.10	-0.7
	0.9s	24.20nm		5.3mb		
SCH	72.60	23	eP	45	33.00	0.1
MUD	72.61	341	eP	45	33.00	0.2
	0.9s	24.60nm		5.2mb		
KOD	73.54	267	eP	45	39.00	-0.3
KRA	75.34	331	iPd	45	49.10	0.3
	0.7s	62.00nm		5.7mb		
			i	45	56.60	24kmX
KSP	75.79	334	iPd	45	51.90	0.6
	1.0s	800.00nm		6.7mb X		
SPC	75.99	331	iP	45	53.90	1.2
TUL	76.24	52	e(P)	46	02.20	8.1X
	1.0s	16.70nm		5.0mb		
			e	46	05.20	10kmX
CLL	76.32	336	iPc	45	54.10	-0.2
	1.2s	120.00nm		5.8mb		
			i	46	06.00	40kmX
BRG	76.45	335	eP	45	54.80	-0.2
	1.1s	43.00nm		5.4mb		
			e	46	10.00	54kmX
RLO	76.46	51	e(P)	46	02.30	6.9X
VRI	76.46	325	eP	45	45.00	-10.2X
JOS	76.49	330	eP	45	55.00	-0.3
LTX	76.62	61	eP	45	57.00	0.5
CVO	76.72	326	eP	45	57.50	0.8
PRU	77.07	335	iPd	45	59.50	1.0
			e	47	16.60	336kmX
WTS	77.27	340	eP	46	00.50	1.0
	1.0s	46.00nm		5.5mb		
MOX	77.30	337	eP	46	00.00	0.2
	1.2s	55.00nm		5.5mb		
HOF	77.53	336	iPd	46	01.80	0.7
	1.4s	100.00nm		5.7mb		
CMP	77.62	326	ePd	46	02.00	0.4
SRO	77.82	331	iPd	46	04.00	1.4
BUD	77.87	331	ePd	46	04.40	1.5
	1.2s	79.50nm		5.6mb		
ZST	77.87	332	iPd	46	04.50	1.6
KHC	78.11	335	iPc	46	05.00	0.7
	1.0s	60.50nm		5.6mb		
			e	46	27.50	85kmX
GRF	78.27	336	iPc	46	06.00	0.9
	1.1s	85.00nm		5.7mb		
WET	78.30	335	iPc	46	06.20	0.9
	1.2s	65.00nm		5.5mb		
SOP	78.50	332	ePc	46	07.50	1.1
	1.0s	34.10nm		5.3mb		
ENN	78.62	340	eP	46	07.50	0.5
	1.1s	65.00nm		5.6mb		
MEM	78.74	340	Pc	46	09.30	1.6
DOU	79.55	341	P	46	13.70	1.6
WLF	79.59	340	P	46	14.40	2.1
KBA	80.03	334	eP	46	15.00	0.1
	0.7s	30.10nm		5.4mb		
			i	46	16.20	4kmX
CDF	80.48	338	eP	46	16.40	-0.8
	1.3s	38.90nm		5.2mb		
HAU	81.09	339	eP	46	19.50	-0.8
BSF	81.14	338	eP	46	19.70	-1.0
CTI	81.46	335	eP	46	22.00	-0 4
VAY	81.92	325	eP	46	25.00	0.3
GRR	82.31	344	eP	46	25.80	-0.8
LOR	82.37	340	eP	46	26.40	-0.6
	0.9s	13.10nm			5.0mb	
LBF	82.61	340	eP	46	27.50	-0.8
SSF	82.65	340	eP	46	27.80	-0.6
LPF	82.69	344	eP	46	28.00	-0.6
AVF	82.94	340	eP	46	29.50	-0.4
	1.2s	30.90nm			5.3mb	
SMF	82.96	340	eP	46	29.50	-0.6
	1.2s	57.70nm			5.5mb	
BGF	83.28	341	eP	46	31.10	-0.6
MZF	83.66	341	eP	46	33.60	-0.1
	1.0s	25.90nm			5.3mb	
TCF	83.67	341	eP	46	33.10	-0.7
	1.2s	18.50nm			5.1mb	
LSF	83.86	341	eP	46	34.00	-0.7
	1.2s	27.50nm			5.3mb	
JER	84.13	311	eP	46	37.00	0.7
CAF	85.00	341	eP	46	40.90	0.5
	0.9s	9.80nm			5.0mb	
FRF	85.15	337	eP	46	41.70	0.6
	1.4s	28.40nm			5.3mb	
ORI	85.30	329	eP	46	39.50	-2.4
LRG	85.32	337	eP	46	43.00	1.0
	1.2s	45.80nm			5.6mb	
PRNI	85.37	311	eP	46	44.00	1.5
LMR	85.39	337	eP	46	43.30	0.9
	1.0s	12.00nm			5.1mb	
S.D. = 0.9 on 105 of 116 obs.						

& FEB 08, 1985 13h 39m 17.01s
61.580 N 151.908 W
DEPTH = 112.9km
SOUTHERN ALASKA (2)
<AGS-P>.

CGLM	0.28	190	iP	39	32.77	1.1
SPU	0.41	190	iP	39	33.35	-0.6
SKT	0.44	24	iP	39	33.09	-1.0
SUA	0.57	101	eP	39	34.99	-0.1
			eS	39	49.59	
NKA	0.90	159	eP	39	39.16	1.5
			iS	39	54.66	
PWA	0.97	85	eP	39	38.03	-0.4
			eS	39	56.04	
RDT	1.04	194	eP	39	38.50	-0.7
PMS	1.18	106	eP	39	40.01	-0.7
			iS	39	58.76	
SLKM	1.35	142	eP	39	42.54	-0.1
MSE	1.42	78	iP	39	42.37	-1.2
GHO	1.44	81	eP	39	42.27	-1.4
ILM	1.47	198	eP	39	43.24	-0.8
PTE	1.57	116	iP	39	44.29	-0.9
NNL	1.57	169	eP	39	45.29	0.0
MPA	1.65	130	eP	39	45.89	-0.3
KNK	1.66	94	iP	39	44.96	-1.4
			iS	40	07.70	
SML	1.72	81	iP	39	45.55	-1.6
PWL	1.87	111	iP	39	47.66	-1.4
BRLK	1.89	164	eP	39	48.41	-0.8
SEW	1.91	140	eP	39	48.69	-0.7
			iS	40	11.84	
CFI	2.03	99	iP	39	49.43	-1.5
PDB	2.12	213	iP	39	51.49	-0.7
SCM	2.20	81	eP	39	51.73	-1.5
TTV	2.37	101	eP	39	53.87	-1.5
GLI	2.43	105	eP	39	54.12	-2.1
VZW	2.63	99	eP	39	56.98	-2.0
FID	2.76	105	eP	39	57.94	-2.6
TOA	2.77	77	eP	39	59.83	-1.0
KLU	2.87	89	eP	39	59.97	-2.1
HIN	2.89	112	eP	40	00.12	-2.2
COL	3.82	27	eP	40	12.00	-2.8
31 obs. associated						

• FEB 08, 1985 14h 17m 55.39± 0.77s
21.459 S ± 6.9km 69.128 W ±13.0km
DEPTH = 163.3 ± 12.7 km
NORTHERN CHILE (123)

TPZ	0.38	91	P	18	46.10	26.8X
			S	19	25.00	
ANT	2.53	208	iP	18	38.90	0.9
			iS	19	05.00	
YJA	3.44	103	iPc	18	48.80	-1.1
			(S)	19	27.00	
SLA	4.67	135	ePd	19	06.80	1.2
CNCB	4.75	13	iP	19	07.10	0.0

			(S)	20 33.00		
LPB	5.00	11	Pc	19 11.00	0.8	
			i	19 29.00		
			S	20 43.00		
ZOBO	5.25	11	iP	19 14.00	0.3	
	0.5s		8.83nm		4.2mb X	
ARE	5.45	335	iPc	19 14.50	-1.6	
			iS	20 10.50		
TCA	10.64	159	eP	20 23.40	-1.3	
VAO	20.57	98	e(P)	22 23.00	-0.1	
			e	22 24.80		
BAO	20.85	77	e(P)	22 25.00	-0.9	
ATB	24.42	45	e(P)	23 01.60	1.2	
ITR	32.14	72	eP	24 10.00	0.4	
KIC	68.89	74	eP	28 48.20	3.5X	
YKA	91.08	341	eP	30 50.60	8.7X	
	S.D. = 1.2		on	12 of 15 obs.		

FEB 08, 1985 16h 21m 29.05± 0.65s
36.239 N ± 6.5km 120.210 W ± 5.8km
DEPTH = 5.0km (geophysicist)
CENTRAL CALIFORNIA (39)
ML 2.9 (BRK).

PRI	0.38	255	iPc	21 37.30	0.6	
			iS	21 43.30		
PHAM	0.43	201	eP	21 37.60	-0.1	
SAO	1.13	298	iP	21 50.50	-0.1	
SLD	1.16	316	eP	21 50.70	-0.6	
WKTM	1.50	107	eP	21 55.50	-1.2	
ARN	1.53	317	eP	21 56.70	-0.5	
JAS1	1.69	354	iPc	22 00.20	0.8	
VPEM	1.96	98	eP	22 04.50	1.1	
	S.D. = 0.9		on	8 of 8 obs.		

% FEB 08, 1985 16h 51m 47.47± 3.69s
34.226 S ±33.1km 70.986 W ± 9.9km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

CHCH	0.40	44	iP	51 57.30	0.6	
			iS	52 17.00		
LNV	0.44	307	iP	51 57.10	-0.1	
			iS	52 16.00		
TACH	0.57	4	iP	52 00.20	1.1	
			iS	52 21.50		
PCH	0.72	33	iPc	52 01.20	-0.1	
			iS	52 24.70		
BACH	0.96	25	iPc	52 04.50	-0.2	
			iS	52 30.40		
FCH	1.07	33	eP	52 06.00	-0.5	
			i(S)	52 32.00		
PEL	1.11	13	iPd	52 06.80	0.0	
			iS	52 34.20		
ROCH	1.25	359	iPc	52 09.10	0.2	
			iS	52 39.50		
JACH	1.57	12	iPd	52 12.50	-1.0	
			i(S)	52 43.70		
	S.D = 0.7		on	9 of 9 obs.		

• FEB 08, 1985 16h 57m 03.28± 1.00s
34.060 S ± 9.5km 70.608 W ± 9.9km
DEPTH = 104.6 ± 7.5 km
2.9mb (1 obs.)
CHILE-ARGENTINA BORDER REGION (127)

CHCH	0.13	344	iPd	57 18.20	0.0	
PCH	0.44	10	iPd	57 19.40	-0.1	
			i(S)	57 26.50		
TACH	0.49	326	iPd	57 20.00	0.3	
SAN	0.61	356	iPc	57 20.00	-0.6	
			iS	57 32.00		
LNV	0.68	279	iPc	57 21.60	0.5	
			iS	57 34.00		
BACH	0.71	8	iPc	57 21.50	-0.1	
FCH	0.78	20	iPc	57 22.60	0.1	
PEL	0.92	356	iPc	57 23.50	0.0	
			iS	57 36.80		
ROCH	1.14	343	iP	57 25.50	-0.6	
			iS	57 40.00		
JACH	1.37	1	iPd	57 28.10	-0.6	
MDZ	1.88	52	eP	57 37.20	2.1	
TCA	5.75	64	ePd	58 26.30	-1.5	
VBA	8.05	122	e(P)	58 58.90	-0.2	
CNCB	17.34	8	iP	01 01.00	0.3	
LPB	17.60	8	Pc	01 04.00	0.3	
ZOBO	17.86	8	e(P)	01 07.00	0.0	
	0.8s		0.56nm		2.9mb	
	S.D. = 0.8		on	16 of 16 obs.		

• FEB 08, 1985 18h 04m 34.46± 1.17s
36.251 N ± 7.0km 71.446 E ± 6.4km
DEPTH = 96.7 ± 12.5 km
4.6mb (7 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

KSH	4.81	47	eP	05 52.00	6.1X	
			S	06 44.00		
QUE	7.12	213	iPc	06 19.50	1.6	
			eS	07 36.00		
NDI	8.98	146	eP	06 43.00	-0.1	
MHI	9.65	274	iPd	06 51.50	-0.8	
			eS	08 32.00		
DMN	14.44	123	iPc	07 54.40	-1.2	
KKN	14.44	122	iPc	07 54.40	-1.2	
	0.5s		60.00nm		5.1mb	
WMQ	14.55	54	eP	07 57.50	0.7	
PKI	14.67	122	iPc	07 57.00	-1.6	
LSA	17.76	106	eP	08 37.90	0.6	
HYB	19.79	160	eP	09 01.20	1.6	
GTA	22.59	73	eP	09 31.40	3.8X	
GBA	23.18	165	Pd	09 36.90	3.6X	
	0.4s		3.80nm		4.1mb	
KOD	26.47	167	eP	10 06.50	1.9	
NUR	38.24	324	iP	11 47.00	0.8	
KJF	38.28	331	eP	11 47.00	0.5	
SUF	38.32	328	iP	11 47.50	0.6	
	0.4s		2.30nm		4.4mb	
SOD	40.11	335	eP	12 02.00	0.3	
KEV	41.17	338	eP	12 11.00	0.8	
N82	44.80	323	P	12 39.40	-0.5	
	0.6s		7.00nm		4.7mb	
BNG	57.90	250	iPd	14 17.30	-1.5	
	0.4s		4.00nm		4.8mb	
MTD	64.82	223	iPc	15 05.00	-0.3	
KRI	65.96	224	iPc	15 12.00	-0.6	
MBC	67.57	3	eP	15 22.00	0.1	
BUL	69.18	223	iPc	15 32.50	-0.2	
	0.8s		10.82nm		4.7mb	
INK	74.11	9	eP	16 01.00	-0.2	
COL	74.61	16	eP	16 02.20	-2.0	
KIC	75.13	267	eP	16 06.00	-2.0	
YKA	81.48	3	eP	16 42.50	0.8	
YKC	81.50	3	eP	16 42.50	0.7	
WRA	81.56	122	P	16 44.00	1.2	
	0.5s		0.80nm		3.8mb	
WB2	81.56	122	eP	16 43.00	0.1	
AIA	141.04	208	ePKP	24 06.70	12.7X	
	S.D. = 1.1		on	28 of 32 obs.		

• FEB 08, 1985 18h 37m 03.56± 1.03s
78.368 N ±11.6km 6.951 E ±10.1km
DEPTH = 10.0km (geophysicist)
4.2mb (4 obs.)
SVALBARD REGION (643)

KBS	1.13	58	iP+	37 24.90	0.2	
DAG	5.75	267	iPd	38 30.70	-0.1	
	0.5s		16.20nm		5.0mb	
			i	39 32.00		
SOD	12.35	142	iP	40 00.80	-1.3	
KJF	15.53	145	eP	40 43.00	-0.8	
SUF	16.79	148	eP	41 00.00	0.1	
	0.6s		2.50nm		3.5mb	
NB2	17.47	173	P	41 12.80	4.4X	
	0.8s		1.90nm		3.3mb	
NUR	18.81	152	eP	41 27.00	2.1	
KKN	60.63	95	eP	47 16.50	-0.3	
	0.7s		11.00nm		5.1mb	
	S.D. = 1.3		on	7 of 8 obs		

? FEB 08, 1985 18h 40m 37.46± 4 57s
40.734 N ±42.8km 20.184 E ±14.7km
DEPTH = 10.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)
ML 2.2 (TTG).

OHR	0.60	51	iPg	40 48.80	-0.8	
			iSg	41 02.00		
SKO	1.56	37	iPn	41 06.50	1.3	
			iSn	41 29.50		
TTG	1.83	338	ePg	41 08.50	-0.7	
			eSg	41 30.00		
VAY	1.90	71	ePn	41 10.00	-0.2	
BRY	2.49	331	ePn	41 19.00	0.2	
			eSn	41 45.00		
	S.D. = 1.2		on	5 of 5 obs.		

FEB 08, 1985 19h 32m 21.17± 0.26s
43.918 N ± 5.8km 149.348 E ± 4.1km
DEPTH = 43.5km (19 depth phases)
5.4mb (68 obs.) 5.2Msz (3 obs.)
KURIL ISLANDS REGION (222)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 6S, 13C
Centroid Location:
Origin Time 19:32:22.4 1 4
Lat 44.24N 0.16 Lon 149.58E 0.3E
Dep 10.0 FIX Half-duration 1.3
Moment Tensor; Scale 10**23 D-CM
Mrr= 2.99 0.36 Mtt=-0.69 0.38
Mff=-2.29 0.50 Mrt= 3.40 1.36
Mrf= 3.82 1.76 Mtf=-1.70 0.50
Principal Axes:
T Val= 5.87 Plg=60 Azm=319
N 0.31 5 219
P -6.18 29 126
Best Double Couple:Mo=6.0*10**23
NP1:Strike=202 Dip=17 Slip= 72
NP2: 41 74 95

OBI	4.57	260	eP	33 29.00	-0.6	
TSK	10.45	226	eP	34 45.80	-5.6X	
DDR	11.10	228	eP	34 55.60	-4.6X	
MAT	11.25	233	iPd	34 58.70	-3.6X	
	0.7s		12.33nm		5.2mb	
	Z 20s		5.32um			
			(S)	37 00.00		
SRY	11.35	226	eP	34 55.10	-8.5X	
MDJ	14.18	280	eP	35 38.00	-3.0X	
			eS	38 12.00		
SHK	15.94	240	eP	36 00.00	-3.9X	
DL2	21.33	266	eP	37 05.80	-0.6	
BJI	24.87	273	eP	37 40.00	-0.9	
	Z 17s		2.60um		4.8MszX	
	E 17s		2.00um			
			eS	42 03.00		
TIA	25.71	264	Pc	37 48.00	-1.0	
			eS	42 20.00		
NJ2	26.64	254	Pc	37 57.00	-0.5	
TIY	28.45	270	eP	38 13.90	0.0	
BTO	29.11	277	iPc	38 19.20	-0.7	
WHN	30.66	256	eP	38 33.40	-0.2	
LZH	35.35	273	iPc	39 14.50	-0.1	
	1.5s		298.00nm		6.0mb	
	N 14s		1.70um			
			sP	39 25.50		
GZH	36.11	247	P	39 22.00	1.2	
			eS	45 06.00		
HKC	36.11	245	eP	39 33.00	12.2X	
TTA	36.29	39	eP	39 22.00	0.0	
BAG	36.67	231	eP	39 25.00	-0.8	
GTA	36.83	281	iPc	39 27.30	0.4	
IMA	37.65	34	eP	39 33.50	0.0	
BRW	37.67	25	eP	39 34.70	1.4	
CD2	38.01	266	iPc	39 36.60	-0.2	
			eS	45 32.00		
GYA	38.51	257	Pc	39 40.80	-0.3	
COL	40.02	36	iP	39 53.40	0.3	
	1.0s		27.50nm		5.0mb	
FBA	40.02	36	eP	39 53.10	0.0	
	1.0s		18.70nm		4.8mb	
KMI	42.11	259	Pc+	40 11.00	0.1	
	N 16s		0.70um			
			eS	46 29.00		
WMQ	43.51	292	iPc	40 22.00	0.0	
INK	45.46	31	iPc	40 36.30	-0.9	
LSA	47.77	273	P	40 56.50	0.0	
LOE	47.89	252	eP	40 55.00	-1.9	
MBC	48.15	19	eP	40 57.40	-0.9	
CHG	48.86	256	iPc	41 04.80	0.3	
	0.9s		8.82nm		4.8mb	
CHTO	48.86	256	eP	41 04.50	0.0	
	1.1s		11.48nm		4.8mb	
NST	50.19	252	iPc	41 15.30	0.7	
NNT	52.64	249	eP	41 35.60	2.4	
KKN	53.09	275	iPc	41 36.60	-0.1	
	1.0s		130.00nm		5.9mb	
PKI	53.13	275	iPc	41 36.40	-0.7	
KSH	53.30	292	Pc	41 39.00	1.6	

08d 19h

DMN		53.32	275	iPc	41	38.40	-0.1	KER		74.84	303	eP	44	04.00	5.0X	OGA		82.39	333	iPc	44	40.40	0.5
YKA		54.77	34	eP	41	48.10	-0.2	ALO		75.61	55	eP	44	03.70	0.2	TRI		82.45	330	eP	44	39.50	-0.5
YKC		54.83	34	ePc	41	48.10	-0.7			1.0s		16.75nm			5.0mb					e	44	51.50	40km
		0.7s		11.00nm			5.0mb	KRA		76.54	329	iPc	44	07.90	-0.3	SKO		82.56	324	iPc	44	41.50	0.8
IPM		57.74	242	ePd	42	11.10	1.0			0.8s		46.00nm			5.5mb	VAY		82.60	323	iP	44	41.00	0.1
KGM		58.29	238	ePc	42	14.30	0.3					i	44	20.60	43km	JCT		82.72	54	iP	44	42.00	0.3
NDI		58.34	281	iPc	42	13.00	-1.2	SCH		76.95	21	eP	44	10.00	-0.4			1.0s		15.00nm			5.0mb
		0.6s		66.67nm			5.9mb	SPC		77.14	329	eP	44	12.20	0.4					ipP	45	00.50	67kmX
KEV		59.11	340	eP	42	16.00	-3.0X					e	44	24.40	41km	HAU		82.84	336	eP	44	42.00	-0.1
DAG		59.35	357	iPd	42	17.70	-2.9X	KSP		77.19	332	iPc	44	12.00	0.2	BSF		82.87	336	eP	44	42.00	-0.3
		1.2s		35.94nm			5.4mb			1.0s		31.00nm			5.3mb	MNT		83.14	29	eP	44	59.50	16.0X
EDM		60.19	43	eP	42	25.50	-1.3					i	44	24.00	40km	OHR		83.54	324	eP	44	45.30	-0.5
PSI		60.52	242	ePc	42	29.40	0.1	JOS		77.59	328	iPc	44	14.70	0.7	SAL		83.66	332	eP	44	41.00	-5.2X
SOD		60.91	338	iP	42	28.80	-2.6			1.0s		15.90nm			5.0mb	JER		83.67	309	eP	44	47.00	0.4
NEW		61.02	50	eP	42	32.00	-0.5	MLR		77.79	323	eP	44	15.00	-0.4	GVI		83.93	309	eP	44	50.00	2.2
				e	42	50.00	69kmX	CLL		77.88	334	iPc	44	15.30	-0.2	FLN		83.98	340	eP	44	47.70	-0.1
WDC		62.22	59	ePc	42	46.80	6.2X			1.1s		50.00nm			5.5mb			1.3s		64.90nm			5.6mb
				ipP	42	59.50	44km					i	44	27.30	40km	LDF		84.05	340	eP	44	48.30	0.1
KJF		62.89	335	iP	42	42.80	-1.8	BRG		77.95	333	iPc	44	16.00	0.1			1.5s		31.30nm			5.2mb
		1.0s		74.00nm			5.8mb			1.3s		33.00nm			5.2mb	LOR		84.23	337	eP	44	49.20	0.1
SES		63.01	45	eP	42	44.00	-1.7					i	44	45.30	115kmX			1.0s		16.00nm			5.1mb
ORV		63.47	60	eP	42	54.40	5.6X	CMP		78.36	323	ePd	44	20.00	1.6	GRR		84.42	341	eP	44	50.20	0.2
SUF		64.46	335	iP	42	53.00	-1.9	WIT		78.44	338	eP	44	20.00	1.5			1.2s		50.30nm			5.5mb
		0.7s		49.20nm			5.7mb	PRU		78.51	332	Pc	44	19.10	0.1	LBF		84.45	337	eP	44	50.20	-0.1
FFC		64.61	37	iPc	42	55.40	-0.6			1.1s		24.50nm			5.1mb			1.0s		12.90nm			5.0mb
		0.9s		22.00nm			5.2mb		Z	18s		1.10um			5.2Msz	ORO		84.48	334	eP	44	50.50	0.0
WB2		65.02	196	eP	42	58.20	-0.7		N	22s		1.00um				SSF		84.51	337	eP	44	50.60	0.1
WRA		65.02	196	Pc	42	58.30	-0.7		E	23s		1.30um						1.0s		8.80nm			4.8mb
		0.3s		6.10nm			5.1mb					e	44	29.00	32kmX	LPF		84.80	341	iPc	44	52.30	0.4
LRM		65.04	50	eP	42	59.00	-0.3	MOX		78.90	334	eP	44	21.00	-0.2			1.2s		60.60nm			5.6mb
BMN		65.57	57	eP	43	02.90	0.2			1.2s		32.00nm			5.2mb	SMF		84.80	337	iPc	44	52.30	0.3
		0.7s		3 00nm			4.5mb		Z	20s		1.10um			5.2Msz			1.3s		68.50nm			5.6mb
				pP	43	15.60	44km		E	20s		1.20um				AVF		84.80	337	iPc	44	52.40	0.4
MHI		65.86	298	iPc	43	04.50	0 0					e	44	33.00	40km			1.5s		78.30nm			5.6mb
				eS	52	10.00						e	45	47.00		BGF		85.16	338	iPc	44	54.00	0.2
GDH		65.89	9	ePc	43	02.00	-2.0	SRO		79.00	329	iPc	44	22.20	0.5			1.0s		14.80nm			5.1mb
		1.2s		62.50nm			5.5mb					e	44	37.00	52km	BRT		85.24	326	eP	44	54.00	-0.2
MNA		66.22	59	eP	43	11.00	4 1X					e	44	52.00		MZF		85.54	338	iPc	44	56.70	1.0
				epP	43	25.70	53km					e	45	13.00				1.2s		142.80nm			6.0mb
				isP	43	37.90		BUD		79.01	328	ePc	44	22.00	0.2	TCF		85.58	338	iPc	44	56.60	0.7
				iPcP	43	52.40				1.6s		106.80nm			5.6mb			1.1s		17.40nm			5.2mb
NUR		66 60	334	iP	43	06.50	-2.2	HOF		79.10	334	iPc	44	22.40	0.1	DUI		85.67	328	eP	44	57.00	0.7
		0 9s		50.70nm			5.6mb			1.0s		44.00nm			5.4mb	MNS		85.71	329	eP	44	56.50	0.0
	Z	18s		0.80um			5.0Msz	ZST		79.13	330	iPc	44	23.00	0.6	LSF		85.80	338	iPc	44	57.80	0.8
				LR	16	30.00						i	44	53.00	117kmX			1.1s		50.60nm			5.6mb
EUR		66.92	57	iP	43	12.20	0.8	WTS		79.13	337	eP	44	22.50	0.2	MFF		85.91	339	iPc	44	58.10	0.6
		0.2s		8.93nm			5.5mb			1.0s		41.00nm			5.3mb			1.5s		77.30nm			5.7mb
GBA		67.68	268	Pc	43	15.10	-1.0					e	44	35.00	42km	ORI		86.25	326	eP	44	56.00	-3.2X
		1.1s		24.70nm			5.2mb	CLO		79.47	325	eP	44	24 00	-0.3	RJF		86.68	338	iPc	45	02.20	0.9
GBA		67.68	268	P	43	23.50	7.4X	KHC		79.57	332	iPc	44	25.50	0.6			1.3s		37.40nm			5.5mb
ISA		67.74	62	eP	43	25.00	8.6X			1.1s		67.00nm			5.5mb	FRF		86.75	334	eP	45	01.80	0.1
CLC		68.20	61	eP	43	28.00	8.8X					e	44	38.00	42km			1.1s		26.50nm			5 4mb
FRB		68.56	17	ePc	43	19.40	-1.5	SOP		79.76	330	eP	44	26.80	1.0	CAF		86.87	337	iPc	45	03.70	1.4
				pP	43	32.10	44km			1.0s		72.40nm			5.6mb			1.3s		44.70nm			5.5mb
BDW		68.57	51	eP	43	23.30	1.7	WET		79.79	333	iPc	44	26.50	0.5	CVF		86.90	332	eP	45	02.40	-0.1
		1.0s		3.20nm			4.3mb X			1.2s		53.00nm			5.4mb			1.4s		52.20nm			5.6mb
				pP	43	33.30	32kmX	GRF		79.86	334	iPc	44	26.90	0.5	LRG		86.93	334	iPc	45	03.20	0.7
MWC		68.91	63	eP	43	28.00	4.2X			1.2s		58.00nm			5.4mb			1.0s		43.30nm			5 6mb
GSC		69.02	61	eP	43	37.00	12.6X	OCO		80.34	50	eP	44	48.20	19.0X	LMR		87.00	334	iPc	45	03.00	0.1
UPP		69.27	336	iP	43	23.30	-2.0	ENN		80.48	337	eP	44	29.50	-0.1			1.0s		56.00nm			5.7mb
				i	43	36.00	44km			1.2s		71 00nm			5.5mb	LFF		87.23	338	eP	45	05.20	1.3
RVP		69.49	62	eP	43	46.00	18.9X					e	44	42.00	42km			1.2s		46.20nm			5.6mb
KOD		69.93	265	eP	43	30.00	-0.4	MEM		80.60	337	P	44	30.80	0.6	LPO		87.34	338	eP	45	05.80	1.3
NB2		70.01	340	P	43	28 40	-1.5	BEO		80.64	326	iP	44	29.80	-0.7			1.3s		51.30nm			5.6mb
		0.9s		85.10nm			5.7mb					e(PcP)	44	42.30		BLA		87.50	38	P	45	06.80	1.3
PLM		70.23	63	eP	43	44.00	12.1X	TUL		80.97	48	e(P)	44	45.50	13.0X	EPF		89.10	338	eP	45	14.10	1.0
TPC		70.27	61	eP	43	31.00	-0.9			1.3s		79.30nm						1.2s		17.80nm			5.3mb
AKU		70.30	355	iPc	43	32.20	0.7					e	44	50.70	17kmX	KIC		124.75	328	ePKP	51	30.10	12.1X
		1.0s		60.00nm			5 5mb	BHG		81.02	332	eP	44	33.20	0.6					e	52	58.90	
				i	43	44.20	40km	FUR		81.17	333	iPc	44	33.80	0.5	ITR		144.33	13	ePKP	51	51.90	-2.5X
RSSD		70 69	47	eP	43	34.10	-0.5			1.2s		78.00nm			5.6mb					e	52	10.00	
				pP	43	48.70	52km	RLO		81.19	48	e(P)	44	46.50	12.9X	PEL		147.18	85	iPKPc	52	04.00	5.3X
PSDN		70 91	37	eP	43	34.60	-0.9					e	44	51.60	16kmX	PCH		147.54	85	iPKPc	52	02.70	3.4X
		1 0s		9.00nm			4.7mb	LTX		81.23	58	eP	44	34.90	0.8			S.D. = 0.9		on 144 of 175 obs.			
				pP	43	47.30	43km					pP	44	47.20	41km								
PONC		71 62	340	eP	43	39.20	-0.4	WLF		81.41	337	Pc	44	37.90	3.4X			FEB 08, 1985 19h 51m 31.81± 0.61s					
GLA		71.72	62	eP	43	40.00	-0 7	KBA		81.42	331	iPc	44	34.80	0.0			40.809 N ± 4.4km 22.448 E ± 5.1km					
BEP		71.97	342	eP	43	41.50	-0.1			1.0s		65.50nm			5.6mb			DEPTH = 10.0km (geophysicist)					
	Z	18s		799 00um			8.0MszX					i	44	35.40	2kmX			GREECE					(364)
GOL		72 97	51	eP	43	48.90	0.6					i	44	39.00									
				pP	44	07.00	67kmX					i	44	52.20		GRG		0.15	347	ePg	51	35.40	0.0
COP		74.29	336	iPc	43	54.90	-0.3	DOU		81.45	338	P	44	36.60	1.9					eSg	51	38.30	
		0.8s		59.70nm			5.6mb	LJU		81.88	330	e(P)	44	36.70	-0.4	THE		0.43	114	ePg	51	40.00	-0.6
MUD		74.52	338	eP	43	56.00	-0.6	FVM		82.18	44	eP	44	38.70	0.0					eSg	51	45.20	
		0 9s		19.60nm			5.1mb			1.0s		9.00nm			4.8mb	KNT		0.49	44	ePg	51	41.60	-0.2
SHI		74.61	296	eP	43	58.00	0.2	CDF		82.20	336	eP	44	38 80	0.0					eSg	51	48.90	
LHC		74.65	30	eP	43	57.00	-0.4			1.0s		25.60nm			5.2mb	VAY		0.52	10	iPg	51	42.00	-0.3

		iSg	51 53.40			
SOH	0.69 89	ePg	51 44.70	-0.8		
		eSb	51 56.00			
LIT	0.71 177	ePg	51 46.20	0.4		
SRS	0.92 70	ePg	51 48.90	-0.5		
		eSb	52 03.00			
MMB	1.24 51	ePg	51 56.00	1.1		
OHR	1.28 284	ePn	51 55.10	-0.6		
		eSn	52 13.20			
PAIG	1.29 133	ePg	51 56.30	0.6		
VTS	1.88 17	eP	52 05.00	0.8		
S.D. = 0.7 on 11 of 11 obs.						
• FEB 08, 1985 22h 38m 38.32± 0.85s						
39.439 N ±13.8km 54.789 E ±10.4km						
DEPTH = 44.8km (2 depth phases)						
4.5mb (4 obs.)						
TURKMEN SSR (340)						
TEH	4.58 217	eP	39 54.00	7.0X		
MHI	4.87 129	eP	39 51.00	0.0		
KHI	6.12 148	ePd	40 08.80	0.0		
TAB	6.75 261	eP	40 18.00	0.4		
MLR	22.05 295	eP	43 30.00	-0.8		
NUR	28.21 328	eP	44 33.00	4.5X		
		e	44 48.00	62kmX		
SUF	28.99 333	eP	44 44.00	8.5X		
KJF	29.46 336	eP	45 02.00	22.2X		
NB2	34.33 324	P	45 23.00	0.5		
	0.8s 1.70nm		4.0mb			
BNG	47.83 233	iPc	47 13.60	0.0		
	0.6s 6.00nm		4.8mb			
		ic	47 26.10	46km		
BCAO	47.84 233	eP	47 13.50	-0.2		
	0.5s 1.28nm		4.2mb			
		pP	47 25.70	44km		
MBC	64.54 358	eP	49 20.30	8.0X		
	0.8s 16 00nm		5.1mb			
S.D. = 0.5 on 7 of 12 obs.						
• FEB 08, 1985 23h 18m 38.25± 1.38s						
35.707 N ± 8.8km 140.148 E ±13.7km						
DEPTH = 33.0km (normal)						
NEAR EAST COAST OF HONSHU, JAPAN(228)						
TOK	0 32 266	iP	18 48.20	2.0		
		iS	18 57.10			
TSK	0.50 356	iPc	18 49.10	0.2		
KYS	0.51 180	eP	18 48.80	-0.2		
SRY	0.72 262	iPd	18 51.70	-0.2		
OYM	0.79 249	eP	18 52.40	-0.6		
DDR	0.83 291	eP	18 53.40	-0.2		
		e	19 05.60			
MAT	1.78 299	iPd	19 06.20	-1.0		
		(S)	19 27.00			
S.D. = 1.2 on 7 of 7 obs.						
FEB 08, 1985 23h 40m 35.41± 0.34s						
49.963 N ± 5.5km 89.137 E ± 7.2km						
DEPTH = 33.0km (normal)						
4.8mb (14 obs.)						
USSR-MONGOLIA BORDER REGION (333)						
WMQ	6.22 190	Pn	42 06.50	-1.0		
GTA	12.99 140	eP	43 36.80	-3.4X		
LZH	17.50 137	eP	44 31.00	-7 6X		
N 10s 0.90um						
E 10s 1.00um						
BJI	21.43 107	eP	45 24.50	2.0		
		eS	52 13.00			
XAN	21.56 130	eP	45 23.20	-0.8		
CD2	21.97 145	eP	45 30.20	2.1		
KKN	22.34 189	iPd	45 32.40	0.5		
	0.8s 34.00nm		4.9mb			
DMN	22.54 189	iPd	45 34.20	0.3		
	0.9s 16.00nm		4.5mb			
PKI	22.54 189	iPd	45 34.00	-0.1		
	1.0s 40 00nm		4.8mb			
MHI	25.38 249	iPd	46 02.70	1.5		
OUE	25.87 229	iPd	46 06.00	0.1		
KMI	26.95 152	eP	46 20.00	4.1X		
HYB	33.57 198	eP	47 13.00	-1.4		
KJF	34.75 318	eP	47 20.00	-4.1X		
SOD	34.98 323	eP	47 25.00	-1.0		
SUF	35.63 315	iP	47 31.00	-0.6		
	0.5s 3.80nm		4.6mb			
NUR	36.76 312	iP	47 41.10	0.0		
	0.6s 7.80nm		4.8mb			
UPP	40.32 312	iP	48 10.40	-0.4		
KOD	40.77 198	eP	48 15.20	-0.1		
MLR	41.62 289	eP	48 23.00	1.1		
NB2	42.88 316	P	48 31.10	-0.8		
	0.6s 5.40nm		4.5mb			
KRA	42.98 298	eP	48 33.20	0.4		
KSP	44.67 300	iPd	48 41.00	-5.4X		
		e	50 27.50			
PRU	46.06 300	P	48 58.30	0.8		
CLL	46.25 302	iPd	48 58.10	-0.8		
	0.7s 15.00nm		5.0mb			
KHC	47.04 300	Pd	49 06.00	0.7		
	1.0s 9.00nm		4.7mb			
GRF	48.06 301	eP	49 14.70	1.5		
	0.8s 11.00nm		4.9mb			
KBA	48.27 297	iPd	49 15.80	0.7		
	1.1s 17.50nm		5.0mb			
		i	49 20.20			
MBC	52.74 8	eP	49 48.00	-0.5		
INK	57.86 17	eP	50 25.00	-0.7		
YKA	66.31 12	eP	51 23.30	1.1		
YKC	66.35 12	eP	51 22.00	-0.4		
MTN	72.57 137	eP	52 10.00	8.9X		
BNG	74.18 258	iPd	52 09.90	-0.7		
	0.6s 18.00nm		5.2mb			
BCAO	74.19 258	iP	52 09.80	-0.8		
	0.9s 13.00nm		4.9mb			
FFC	75.27 7	eP	52 16.00	-0.3		
	0.9s 7.00nm		4.7mb			
WRA	80.26 137	Pd	52 43.10	-1.1		
	0.7s 3.80nm		4.5mb			
WB2	80.26 137	eP	52 42.70	-1.5		
S.D. = 1.0 on 32 of 38 obs.						
? FEB 09, 1985 00h 49m 17.48± 3.66s						
32.458 S ±23.2km 71.362 W ±19.1km						
DEPTH = 10.0km (geophysicist)						
NEAR COAST OF CENTRAL CHILE (135)						
ROCH	0.59 150	iP	49 30.50	0.9		
		iS	49 48.50			
JACH	0.69 109	iP	49 30.60	-0.6		
		iS	49 49.50			
PEL	0.89 140	iP	49 35.30	0.7		
		iS	49 57.30			
FCH	1.25 134	eP	49 40.30	-0.7		
		i(S)	50 07.30			
PCH	1.36 149	iP	49 42.00	-0.6		
LNV	1.49 182	iP	49 44.50	0.2		
		iS	50 14.00			
CHCH	1.59 158	eP	49 45.00	-0.7		
MDZ	2.16 102	eP	49 54.80	0.7		
S.D. = 0.8 on 8 of 8 obs.						
• FEB 09, 1985 01h 57m 52.68± 0.86s						
34.644 N ± 9.4km 23.738 E ±12.6km						
DEPTH = 33.0km (normal)						
4.1mb (3 obs.)						
CRETE (370)						
ATH	3.32 360	ePn	58 45.00	1.5		
VLS	4.34 325	ePn	58 21.50	-36.6X		
		eSb	58 48.00			
		eSg	58 51.00			
ELL	5 44 66	iPn	59 14.30	0.6		
BCK	6.22 61	ePn	59 23.60	-1.1		
VAY	6.73 352	eP	59 34.30	2.6X		
OHR	6.86 341	ePn	59 33.00	-0.6		
KBA	14.68 331	iP	01 30.50	10.6X		
KHC	16.31 336	Pd	01 44.50	3.8X		
NUR	25.89 1	eP	03 24.00	1.1		
NB2	27.62 347	P	03 37.00	-1.8		
	0.5s 0.80nm		3.6mb			
BNG	30.44 190	iPd	04 05.00	0.5		
	0.4s 5.00nm		4.7mb			
BCAO	30.45 190	eP	04 04.40	-0.1		
	0.7s 2.06nm		4.0mb			
S.D. = 1.3 on 8 of 12 obs.						
FEB 09, 1985 02h 33m 43.57± 0.55s						
39.887 N ± 6.8km 24.614 E ± 4.3km						
DEPTH = 10.0km (geophysicist)						
AEGEAN SEA (365)						
ML 3.4 (ATH).						
OUR	0.66 313	ePg	33 57 10	0 4		
		eSb	34 08.20			
EZN	1.32 92	iPn	34 07.20	-0.7		
SOH	1.34 315	ePg	34 08.30	0.0		
		eSg	34 27.60			
PRK	1.43 116	ePn	34 10.00	0.4		
SRS	1.45 328	ePb	34 09.80	-0.1		
		eSb	34 31.00			
THE	1.46 301	ePb	34 06.60	-3.4X		
LIT	1.65 278	ePb	34 11.60	-1.0		
KNT	1.82 315	ePn	34 15.40	0 2		
MMB	1.83 339	iPd	34 14.00	-1.3		
KDZ	1.84 17	iP	34 15.00	-0 4		
GRG	2.00 303	ePn	34 17.50	-0 3		
ATH	2.04 200	ePn	34 18.00	-0 3		
		eSb	34 47.00			
		eSg	34 50.00			
VAY	2.11 313	iPn	34 20.70	1.3		
KGT	2.14 74	ePn	34 18.90	-0.8		
PLD	2.22 2	eP	34 39.00	18.1X		
KZN	2.22 282	ePn	34 21.50	0.4		
DIM	2.28 18	eP	34 24.00	2.2		
EDC	2.53 79	ePn	34 25.60	0.2		
BNT	2.58 78	ePn	34 27.40	1.3		
TTK	2.65 92	ePn	34 29.00	2.0		
VTS	2.91 339	eP	34 33.00	2.3X		
JMB	2.98 29	eP	34 34.00	2.4X		
DMK	3.07 50	ePn	34 30.40	-2.6		
DST	3.11 94	ePn	34 32.80	-0.8		
PVL	3.28 7	eP	34 36.00	0.0		
S.D. = 1.2 on 21 of 25 obs.						
& FEB 09, 1985 03h 38m 46.42s						
59.922 N 153.460 W						
DEPTH = 134.5km						
SOUTHERN ALASKA (2)						
<AGS-P>.						
PDB	0.39 250	iP	39 04.66	-1.0		
		iS	39 19.14			
ILM	0.42 51	iP	39 05.18	-0.7		
		eS	39 20.17			
AUL	0.54 179	iP	39 05 86	-0.6		
AUH	0.56 179	eP	39 05.85	-0.8		
RDT	0.84 38	iP	39 08.06	-0.6		
NNL	1.09 83	iP	39 11.03	0.1		
BRLK	1.31 96	iP	39 12.17	-1.0		
NKA	1.38 52	iP	39 14.70	0 9		
SPU	1.44 28	iP	39 13.89	-0.7		
SVW	1.60 319	iP	39 15.11	-1.3		
		eS	39 37.49			
SLKM	1.72 69	iP	39 16.45	-1.3		
SEW	2.02 83	iP	39 20.06	-1 2		
SUA	2.04 40	iP	39 20.79	-0.9		
		iS	39 47.75			
MPA	2.12 73	eP	39 21.19	-1.4		
KDC	2.24 167	iP	39 20.75	-3.2		
		eS	39 48.03			
SKT	2.27 24	iP	39 23.26	-1.2		
PMS	2.34 54	eP	39 23.48	-1.8		
PTE	2.40 65	iP	39 23.78	-2.2		
PWA	2.47 44	eP	39 25.13	-1 7		
PWL	2.71 68	eP	39 27.49	-2.6		
PME	2.77 50	eP	39 28.10	-2.6		
KNK	2.88 57	eP	39 29.53	-2.7		
MSE	2.92 47	eP	39 29.99	-2.9		
MTG	3.00 88	eP	39 32.21	-1.6		
CFI	3.08 63	eP	39 31.80	-3 0		
SML	3.14 51	iP	39 32.76	-2 9		
TTA	3.26 339	eP	39 35.24	-2 0		
GLI	3.30 70	eP	39 34.18	-3 6		
TTV	3.34 67	eP	39 35.47	-2.8		
HIN	3.51 79	eP	39 38.02	-2.5		
SCM	3.56 55	eP	39 38.42	-2 8		
FID	3.57 74	eP	39 37.48	-3.8		
VZW	3.60 69	eP	39 38.79	-3.0		
MID	3.65 95	eP	39 40.35	-1.9		
VLZ	3.73 68	eP	39 40.64	-2.7		
KLU	4.03 64	iP	39 44.63	-2.8		
SGAM	4.16 78	eP	39 47.01	-2.2		
COL	5.65 25	iP	40 06.30	-2.9		
		eS	41 09.00			
FBA	5.65 25	eP	40 06.35	-2 8		
YKA	18.70 65	eP	42 53.50	-3 0		
40 obs. associated						
• FEB 09, 1985 04h 52m 01.59± 2.06s						
32.259 S ± 7.6km 71.596 W ±21.3km						

09d 04h

DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

ROCH	0.87	145	iPd	52 17.80	0.2
JACH	0.95	117	iPc	52 18.40	-0.3
PEL	1.17	139	iPd	52 22.80	1.1
TACH	1.50	158	iPd	52 28.50	2.1X
FCH	1.53	134	iPd	52 28.70	1.5
PCH	1.64	146	iPd	52 29.50	1.0
			i(S)	52 51.50	
LNV	1.70	175	iPd	52 29.20	-0.1
			i(S)	52 50.40	
CHCH	1.85	155	iPc	52 30.20	-1.4
MDZ	2.40	106	eP	52 42.90	3.4X
			iS	52 52.20	
RTCV	2.63	82	ePc	52 44.00	1.3
			S	53 20.00	
RTLL	2.82	72	ePc	52 46.00	0.7
			S	53 26.50	
CFA	2.93	78	ePc	52 48.20	1.3
			S	53 28.10	
VCA	4.57	41	eP	53 09.90	-0.4
			S	54 08.00	
TCA	6.03	83	iPd	53 28.80	-2.2
			S	54 42.20	
CYA	6.29	54	iPc	53 32.00	-2.5
			S	54 48.00	
FSA	7.85	40	ePd	53 57.80	1.5
SLA	9.22	37	e(P)	54 16.00	0.5
VBA	9.77	129	ePd	54 20.80	-2.1

S.D. = 1.5 on 16 of 18 obs.

? FEB 09, 1985 05h 27m 57.31± 4.47s
32.059 S ±25.6km 69.386 W ±19.0km
DEPTH = 170.2 ± 47.9 km
MENDOZA PROVINCE, ARGENTINA (139)

RTCV	0.75	75	iPd	28 21.70	-0.9
			S	28 36.60	
RTLL	1.07	47	ePd	28 25.60	0.7
			S	28 44.00	
CFA	1.08	66	ePd	28 25.00	0.0
			S	28 42.20	
JACH	1.20	238	iPc	28 26.00	-0.1
			iS	28 44.50	
FCH	1.48	211	iPd	28 29.50	0.6
			iS	28 49.70	
PEL	1.54	225	iPd	28 29.30	0.1
			iS	28 49.70	
ROCH	1.65	236	iPd	28 30.40	-0.1
			iS	28 51.70	
PCH	1.82	211	iPd	28 32.30	0.0
			iS	28 56.10	
TACH	2.06	219	iPc	28 34.90	0.2
CHCH	2.15	209	iPc	28 36.20	0.4
			iS	29 02.60	
LNV	2.54	221	iPd	28 39.60	-0.8
			iS	29 08.80	

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

? FEB 09, 1985 05h 35m 17.00± 0.60s
36.447 S ±22.4km 53.249 E ±19.3km
DEPTH = 10.0km (geophysicist)
4.8mb (3 obs.)
SOUTH INDIAN OCEAN (425)

SPA	53.74	180	eP	44 41.20	-0.1
	1.1s		11.31nm		4.8mb
KIC	68.92	295	eP	46 24.20	-0.2
WRA	71.46	101	Pd	46 39.30	-0.6
	0.5s		3.80nm		4.8mb
WB2	71.47	101	eP	46 39.20	-0.7
CTA	80.66	108	iPc	47 32.80	1.0
	0.8s		17.91nm		5.1mb
MLR	85.21	341	eP	47 54.00	-0.6
INK	147.88	5	ePKPc	55 01.50	1.8
	0.8s		32.00nm		
COL	148.87	17	ePKP	55 04.00	2.6X
	0.8s		18.28nm		
LHC	150.15	305	ePKP	55 08.00	4.2X
YKC	152.85	347	ePKP	55 13.50	6.2X
YKA	152.86	348	ePKP	55 14.10	6.8X
JCT	156.78	263	ePKP	55 14.00	0.2
	1.0s		6.00nm		
			e	55 44.00	
BDW	165.34	301	ePKP	55 21.80	-0.7
	1.5s		8.00nm		

S.D. = 1.0 on 9 of 13 obs.

• FEB 09, 1985 08h 59m 32.09± 0.38s
51.967 S ± 6.5km 28.242 E ±11.2km
DEPTH = 10.0km (geophysicist)
5.0mb (12 obs.)
SOUTH OF AFRICA (430)

SUR	20.31	342	iPc	04 11.40	0.4
	1.1s		116.46nm		5.1mb
BLF	22.89	355	eP	04 38.50	1.6
	0.9s		29.23nm		4.8mb
MAW	22.96	146	eP	04 39.00	1.9
VIR	23.88	357	e(P)	04 45.60	-1.0
	1.3s		115.38nm		5.3mb
BFS	25.06	357	iPc	04 58.90	0.9
	1.2s		115.63nm		5.4mb
EVA	25.44	2	eP	05 03.10	1.5
	1.0s		20.00nm		4.8mb
BPI	25.76	360	iPd	05 03.50	-1.1
	1.0s		58.00nm		5.2mb
KSR	26.09	357	iPc	05 08.30	0.6
	0.7s		41.00nm		5.2mb
SLR	26.20	0	eP	05 09.30	0.7
BUL	31.76	1	iPc	05 58.10	-0.5
KRI	35.07	2	iPc	06 26.00	-1.4
MTD	35.21	6	iPc	06 28.00	-0.4
SPA	38.22	180	iPc	06 52.90	-0.6
	0.7s		14.45nm		4.8mb
			e	08 13.60	
BCAO	56.79	348	eP	09 18.00	-0.7
	0.8s		13.36nm		5.0mb
BNG	56.79	348	iPc	09 18.30	-0.4
	0.7s		27.00nm		5.4mb
			id	09 32.50	
VBA	61.29	244	ePc	09 48.30	-1.4
ITR	68.83	283	eP	10 38.00	-0.7
			i	10 51.90	
BAO	69.37	271	e(P)	10 42.00	-0.2
TPZ	77.53	251	P	11 20.60	-9.4X
GBA	77.91	49	Pc	11 30.20	-1.3
	1.1s		10.60nm		4.8mb
CNCB	80.70	255	P	11 49.00	1.5
LPB	80.99	255	eP	11 50.00	1.2
			LR	40 14.00	
ATB	81.54	275	e(P)	11 52.00	0.8
HYB	81.75	48	eP	11 53.00	0.8
ARE	83.06	252	eP	11 58.00	-1.5
WRA	83.97	115	Pd	12 02.60	-1.2
	0.6s		1.30nm		4.3mb
WB2	83.98	115	eP	12 03.20	-0.6
			e	12 16.00	
ALE	141.23	348	ePKP	19 13.50	10.7X
	0.7s		3.00nm		
ALQ	143.65	260	ePKP	19 05.00	-3.6X
	0.9s		3.15nm		
RSON	144.60	292	ePKP	19 08.20	-1.2
			pP	19 19.20	
GLD	145.94	268	ePKP	19 12.50	0.2
	1.0s		6.00nm		
GOL	146.00	267	ePKP	19 13.30	0.7
	0.7s		1.94nm		
GLA	147.33	249	ePKP	19 15.00	0.4
RSSD	147.65	275	ePKP	19 17.80	2.8X
	1.0s		9.00nm		
RMU	147.81	259	PKP	19 19.40	4.0X
TPC	148.80	249	ePKP	19 18.00	1.1
RVR	149.48	247	ePKP	19 23.00	5.1X
GSC	150.08	250	ePKP	19 24.00	5.1X
SBB	150.24	248	ePKP	19 37.00	17.9X
BDW	150.36	269	ePKP	19 23.60	4.4X
	1.0s		5.40nm		
PRN	150.48	255	ePKP	19 24.10	4.6X
FFC	150.66	295	ePKP	19 33.00	14.0X
	0.8s		5.00nm		
CLC	150.90	250	ePKP	19 26.00	6.0X
ISA	151.30	249	ePKP	19 28.00	7.3X
EUR	152.37	257	iPKP	19 39.20	16.9X
	0.2s		8.93nm		
MBC	152.60	344	ePKP	19 29.00	7.8X
BMN	153.71	258	e(PKP)	19 40.00	15.9X
NEW	157.61	274	PKP	19 50.00	21.2X

S.D. = 1.1 on 31 of 48 obs.

& FEB 09, 1985 09h 15m 38 40s
37.175 N 121.603 W
DEPTH = 4.0km

CENTRAL CALIFORNIA (39)
<BRK>. ML 2.5 (BRK).

MHC	0.17	350	iPd	15 41.90	0.0
			iS	15 44.80	
ARN	0.18	18	iP	15 41.90	-0.2
SLD	0.32	108	iP	15 44.30	-0.6
GCC	0.35	245	ePc	15 45.70	0.3
SAO	0.43	163	iPd	15 47.20	0.2
PCC	0.70	298	iPc	15 51.70	-0.7
			i	16 03.70	
LLA	0.77	136	ePc	15 53.10	-0.7
BKS	0.86	325	eP	15 55.20	-0.3
			eS	16 08.10	
			i	16 11.00	
			i	16 14.00	
PRS	0.86	167	ePd	15 54.70	-0.8
BRK	0.87	323	ePd	15 55.50	-0.2
			eS	16 09.00	
ZSP	0.93	326	iPc	15 57.20	0.5
			i	16 11.30	
JAS1	1.20	51	iPc	16 00.10	-1.3
			iS	16 16.00	
FRI	1.53	96	ePc	16 04.60	-1.9
ISA	2.94	120	eP	17 13.00	46.1
PLM	5.44	133	eP	17 15.00	12.6

15 obs. associated

% FEB 09, 1985 10h 17m 25.38± 6.04s
32.982 S ±22.3km 72.057 W ±46.7km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

ROCH	0.88	90	iPd	17 41.30	-0.3
			iS	17 49.50	
LNV	1.11	151	iP	17 44.70	0.1
			iS	17 56.20	
TACH	1.15	126	iPc	17 44.90	-0.4
			iS	17 57.00	
PEL	1.16	98	iPd	17 45.80	0.4
JACH	1.27	77	iPc	17 47.00	0.0
			iS	18 00.70	
PCH	1.44	117	iPc	17 49.60	0.1
			iS	18 05.20	
CHCH	1.51	129	iPd	17 50.50	0.1
			i(S)	18 06.40	
FCH	1.52	104	iP	17 50.90	0.0
			iS	18 07.70	

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

% FEB 09, 1985 11h 26m 44.84± 1.67s
46.643 N ±19.2km 0.214 W ±23.1km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.3 (LDG).

MFF	0.06	131	Pg	26 45.20	-1.9
			Sg	26 46.60	
LSF	1.27	107	Pg	27 07.60	-0.8
			Sg	27 24.00	
LPF	1.50	338	Pg	27 11.00	-0.7
			Sg	27 30.80	
TCF	1.71	101	Pg	27 15.20	0.3
			Sg	27 37.40	
GRR	1.80	346	Pg	27 16.80	0.7
			Sg	27 40.00	
RJF	1.80	137	Pg	27 17.20	1.0
			Sg	27 40.40	

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

• FEB 09, 1985 11h 38m 31.03± 0.54s
53.750 N ±16.1km 37.136 W ±12.7km
DEPTH = 10.0km (geophysicist)
4.4mb (6 obs.)
NORTH ATLANTIC OCEAN (402)

FRB	18.91	314	eP	42 53.00	-0.7
FFC	36.70	299	eP	45 39.00	-0.5
	0.7s		4.00nm		4.3mb
MBC	36.83	337	eP	45 41.10	0.7
	0.7s		7.00nm		4.6mb
YKC	39.38	314	eP	46 02.00	0.1
YKA	39.43	314	eP	46 02.50	0.2
INK	43.76	328	eP	46 37.00	-0.6
COL	50.33	329	eP	47 30.00	0.7
ALQ	50.88	278	eP	47 33.80	-0.3
	1.0s		3.25nm		4.2mb

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LTX     53.23 271 eP     47 52.60    0.8
        0.8s      1.02nm          3.8mb
BCAO    66.69 116 eP     49 23.20   -1.0
        1.0s      4.75nm          4.6mb
BNG     66.69 116 iPc    49 24.90    0.7
        0.8s     10.00nm          5.1mb
                  id     49 30.00
WRA    145.62  14 PKPc   58 10.70   -0.3
        0.8s      3.70nm
WB2    145.63  14 ePKP   58 11.20    0.2
     S.D. = 0.7  on  13 of  13 obs.

   FEB  09, 1985  13h 12m 53.87± 0.49s
   18.480 N ± 7.5km    96.252 E ± 6.7km
   DEPTH =  33.0km  (normal)
   4.8mb (  8 obs.)  4.4Msz (  1 obs.)
 BURMA                                (296)

CHTO     2.58  82 iPn    13 33.00   -1.2
LOE      5.32 101 ePn    14 10.50   -2.7
NNT      6.75 150 ePn    14 32.60   -0.6
                  ePg    15 00.00
                  iSg    16 23.30
AGT      7.12 320 iP     14 38.00   -0.4
SHL      8.13 331 iP     14 51.80   -0.9
                  eS     16 22.00
CAL      8.42 300 eP     15 50.00   53.4X
                  iS     18 17.00
KMI      8.94  41 Pc     15 07.50    3.5X
                  eS     16 48.50
SNG     12.01 159 eP     15 46.50    0.7
GYA     12.47  49 P      15 53.60    1.5X
PKI     13.46 314 eP     16 02.80   -2.6
KKN     13.69 315 eP     16 05.80   -2.5
        0.7s     23.00nm          5.1mb
DMN     13.70 314 eP     16 06.90   -1.5
        0.9s     51.00nm          5.4mb
CD2     14.12  27 eP     16 14.90    1.2
IPM     14.58 161 ePd    16 27.80    8.0X
PSI     15.90 170 eP     16 44.00    7.0X
HYB     16.87 269 eP     16 56.00    6.7X
                  eS     19 48.00
GBA     18.72 258 P      17 17.00    4.9X
        1.4s     27.90nm          4.3mb
LZH     18.78  19 iPc    17 15.00    2.1X
     N  13s       3.20um
     E  13s       3.70um
                  eS     20 50.00
XAN     19.19  34 eP     17 16.80   -0.9
KOD     19.94 248 eP     17 29.00    2.5X
NDI     20.16 304 iP     17 28.50    0.2
                  eS     21 05.50
WHN     20.35  50 eP     17 29.50   -0.7
GTA     21.08   8 P      17 38.10    0.2
                  i      18 23.50
                  eS     21 36.00
POO     21.24 274 iP     17 45.00    5.5X
                  eS     21 32.00
BAG     23.30  91 eP     18 02.90    2.9X
TIY     23.83  33 P      18 06.20    1.3
                  S      22 11.50
NJ2     24.44  52 Pc     18 12.00    1.2
BTO     25.02  25 eP     18 18.00    1.5
TIA     25.51  42 P      18 21.20    0.2
                  eS     22 51.00
HHC     25.88  27 eP     18 27.00    2.5X
WMO     26.27 346 eP     18 29.50    1.4
BJI     27.51  34 eP     18 33.50   -5.8X
OUE     29.04 299 eP     18 57.00    3.5X
MHI     36.87 306 eP     20 03.00    1.7
WRA     53.42 134 Pc     22 12.70   -0.4
        0.3s      4.90nm          5.0mb
WB2     53.43 134 eP     22 13.20    0.1
KJF     64.20 333 eP     23 26.00   -1.4
SUF     64.63 331 eP     23 30.00   -0.2
        0.6s      3.80nm          4.7mb
NUR     65.04 329 eP     23 35.00    2.2X
     Z  18s       0.20um          4.4Msz
                  LR     54 20.00
SOD     65.27 336 iP     23 34.80    0.6
VAY     65.91 308 eP     23 39.70    0.8
UPP     68.50 328 iP     23 56.60    1.8
KSP     69.60 318 eP     24 02.50    0.7
BRG     71.08 318 eP     24 15.60    4.8X
KHC     71.51 317 iP     24 18.30    4.8X
NB2     71.63 329 P      24 14.20    0.3
        0.9s      5.20nm          4.6mb

BNG     76.96 270 ePd    24 50.90    5.4X
        0.9s     11.00nm          4.9mb
                  ic     25 03.20
BCAO    76.97 270 eP     24 47.00    1.4
        1.0s      2.25nm          4.2mb
MBC     83.04   8 eP     25 22.00    5.1X
INK     86.31  17 eP     25 34.00    0.6
     S.D. = 1.3  on  31 of  50 obs.

%  FEB  09, 1985  15h 37m 38.14± 0.70s
   47.293 N ± 8.4km     0.573 E ± 7.8km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                               (538)
      ML 2.3 (LDG).

MFF      0.85 216 Pg     37 54.50    0.0
                  Sg     38 05.80
LSF      1.23 147 Pg     38 01.20    0.1
                  Sg     38 16.50
LPF      1.32 305 Pg     38 02.20   -0.3
                  Sg     38 18.80
GRR      1.46 319 Pg     38 04.80    0.3
                  Sg     38 22.60
TCF      1.51 131 Pg     38 05.20    0.0
                  Sg     38 24.90
BGF      1.72 114 Pg     38 08.20   -0.1
                  Sg     38 30.60
     S.D. = 0.3  on   6 of   6 obs.

   FEB  09, 1985  15h 54m 45.58± 0.71s
   27.705 N ± 5.3km   140.194 E ± 5.8km
   DEPTH = 340.0 ±  7.2 km
   4.7mb ( 11 obs.)
 BONIN ISLANDS REGION                 (212)

OYM      7.73 354 eP     56 38.10    0.9
SRY      7.92 355 eP     56 38.60   -0.7
DDR      8.31 354 eP     56 43.90   -0.2
                  S      58 12.70
TSK      8.48 360 eP     56 46.00   -0.1
TIA     21.29 299 P      59 07.50    0.7
WHN     22.74 283 eP     59 21.50    1.0
BJI     23.35 308 eP     59 25.00   -1.1
XAN     27.51 291 Pd     00 03.40   -0.4
GYA     29.83 275 P      00 24.40    0.0
KMI     33.56 274 eP     00 56.50   -0.2
GTA     35.35 300 iPd    01 11.30   -0.1
PSI     46.58 245 eP     02 43.00    0.6
WB2     47.70 187 iPd    02 50.70   -0.2
                  e      04 02.00
WRA     47.70 187 Pc     02 50.50   -0.4
        0.2s      3.90nm          4.3mb
PKI     48.18 283 eP     02 55.00    0.0
        0.6s      9.00nm          4.2mb
KKN     48.24 284 eP     02 55.90    0.6
        0.6s     20.00nm          4.6mb
DMN     48.43 283 eP     02 57.20    0.4
        0.5s     18.00nm          4.6mb
NDI     54.92 287 iPd    03 43.40   -1.0
COL     57.65  29 eP     04 03.00    0.0
GBA     59.82 270 Pd     04 17.70   -0.8
        0.7s      5.70nm          4.2mb
YOU     62.13 172 eP     04 33.50    0.1
INK     63.22  25 ePd    04 39.80   -0.3
CAN     63.23 172 eP     04 40.60    0.0
WAM     64.08 172 eP     04 46.20    0.3
KEV     71.82 340 eP     05 34.00    0.9
YKA     72.44  28 eP     05 37.30    0.5
YKC     72.51  28 eP     05 37.00   -0.1
SOD     73.19 338 iP     05 41.30    0.3
KJF     74.49 335 iP     05 49.40    0.9
        0.6s     22.20nm          5.1mb
PNT     75.70  42 eP     05 57.00    1.4X
        1.0s     17.00nm          4.7mb
SUF     75.88 334 iP     05 56.20   -0.1
        0.6s     20.90nm          5.0mb
NUR     77.72 333 iP     06 06.20   -0.2
        0.4s     25.70nm          5.4mb
SES     80.05  38 eP     05 54.00  -25.1X
UPP     80.89 334 iP     06 22.50   -0.7
FFC     82.15  31 eP     06 21.00   -8.8X
        1.0s      8.00nm          4.5mb
NB2     82.38 338 P      06 30.40   -0.6
        0.7s     15.70nm          5.0mb
     S.D. = 0.6  on  33 of  36 obs.

•  FEB  09, 1985  15h 56m 26.22± 0.60s
   3.691 S ±11.0km  103.021 W ±12.0km
   DEPTH =  10.0km  (geophysicist)
   4.6mb (  9 obs.)  4.3Msz (  1 obs.)
 NORTHERN EASTER I. CORDILLERA        (694)

LTX     32.84 359 eP     03 02.50    0.1
UAV     34.05  69 eP     03 13.80    0.5
JCT     34.12   5 eP     03 13.10   -0.3
        1.0s     10.50nm          4.7mb
     Z  18s       0.52um          4.3Msz
SDV     34.62  69 eP     03 18.80    0.6
TOV     35.71  68 eP     03 27.50    0.2
ZOBO    36.49 112 eP     03 34.90    0.4
        1.3s      3.94nm          4.1mb
LPB     36.59 113 P      03 36.00    0.9
                  eLR    19 18.00
CNCB    36.78 113 P      03 37.30    0.5
ALQ     38.56 355 eP     03 51.00   -0.2
        1.5s     12.50nm          4.4mb
PRN     42.39 346 eP     04 24.50    1.8
GOL     43.23 357 eP     04 30.10    0.4
        1.4s      9.14nm          4.3mb
FRI     43.36 340 ePc    04 30.50    0.1
JAS1    44.44 340 iPc    04 40.20    1.0
EUR     44.59 346 iP     04 42.60    2.0
        0.4s      8.00nm          5.0mb
BMN     45.80 345 eP     04 50.60    0.4
        0.9s      3.13nm          4.3mb
ORV     46.28 340 ePc    04 55.20    1.4
BDW     46.63 353 eP     04 56.30   -0.5
        1.3s     15.09nm          4.9mb
WDC     47.55 340 eP     05 03.30   -0.5
ATB     50.70  91 e(P)   05 21.00   -7.5X
LHC     53.27  11 eP     05 45.50   -1.7
EDM     57.37 353 ePc    06 16.10   -0.9
ITR     64.35  98 eP     07 03.10   -2.0
YKC     66.56 354 eP     07 17.00   -1.3
YKA     66.59 354 eP     07 17.60   -0.9
FRB     72.02  15 eP     07 51.00   -1.0
INK     74.89 349 eP     08 08.00   -0.6
MBC     80.38 356 eP     08 38.80    0.0
        1.1s     14.00nm          4.9mb
SPA     86.33 180 eP     09 10.40    0.7
        1.1s     15.48nm          5.1mb
KMI    147.32 313 ePKP   16 10.00   -0.3
LEM    147.68 251 ePKPc  16 16.00    4.9X
QUE    151.99  19 ePKP   16 18.90    1.6
LOE    152.17 301 ePKP   16 16.50   -1.1
GBA    170.14 357 PKPc   16 34.60   -1.5
        1.1s      7.60nm
     S.D. = 1.1  on  31 of  33 obs.

•  FEB  09, 1985  20h 02m 16.30± 1.00s
   2.319 S ±13.7km  138.775 E ±19.4km
   DEPTH =  33.0km  (normal)
   5.1mb (  3 obs.)
 WEST IRIAN                           (201)

TZZ      3.81 140 eP     03 15.00    0.8
WB2     18.04 194 eP     06 25.00   -1.3
                  eS     09 40.20
WRA     18.04 194 P      06 28.00    1.7
        0.4s      1.90nm          3.6mb X
YOU     33.04 165 eP     08 49.20   -1.7
PSI     40.15 277 eP     09 52.00    0.7
PKI     59.28 304 eP     12 17.40   -0.5
KKN     59.47 304 eP     12 18.40   -0.6
        0.8s     15.00nm          5.2mb
DMN     59.55 304 eP     12 19.40   -0.2
        0.8s     15.00nm          5.2mb
GBA     62.83 286 Pc     12 41.40   -0.2
        0.9s      4.90nm          4.6mb
MHI     82.74 307 eP     14 40.00    1.3
     S.D. = 1.2  on  10 of  10 obs

•  FEB  09, 1985  20h 33m 28.44± 0.52s
   23.074 S ±18.6km  175.385 W ± 9.9km
   DEPTH =  33.0km  (normal)
   5.3mb ( 12 obs.)  5.4Msz (  2 obs.)
 TONGA ISLANDS REGION                 (174)
      CENTROID, MOMENT TENSOR         (HRV)
      Data Used: GDSN
      L.P.B.: 10S, 19C
      Centroid Location:
      Origin Time        20:33:32.1 0.7
      Lat 23.14S 0.07 Lon 175.01W 0.07
      Dep  11.5 2.7 Half-duration  1.8
```

09d 20h

Moment Tensor; Scale 10**24 D-CM
Mrr= 1.02 0.04 Mtt=-0.14 0.05
Mff=-0.88 0.05 Mrt= 0.08 0.13
Mrf= 0.60 0.23 Mtf=-0.43 0.05
Principal Axes:
T Val= 1.20 Plg=74 Azm=264
N 0.04 8 21
P -1.23 15 113
Best Double Couple:Mo=1.2*10**24
NP1:Strike=213 Dip=31 Slip= 105
NP2: 16 60 81

YSA	9.17	313	ePd	35	25.00	-16.5X	
AFI	9.74	21	P	35	41.00	-8.4X	
			S	37	18.00		
PVC	16.17	286	iPc	37	24.00	9.1X	
NOU	16.78	269	iPc	37	26.40	3.8X	
KOU	19.04	274	iPc	37	51.20	0.6	
TCW	20.07	203	eP	37	55.00	-6.7X	
			S	41	25.00		
BRS	29.08	255	eP	39	38.00	9.8X	
CAN	33.23	240	eP	40	08.50	3.8X	
WAM	33.50	239	eP	40	10.10	3.1X	
YOU	33.53	242	eP	40	08.00	0.7	
CTA	35.73	267	iPc	40	25.60	-0.7	
	1.3s	100.00nm			5.6mb		
			iS	46	04.00		
PMG	38.32	285	eP	40	47.00	-1.0	
	1.0s	80.00nm			5.5mb		
ASPA	46.35	259	eP	41	52.00	-1.5	
WB2	46.69	264	iPc	41	51.40	-4.8X	
			eS	48	36.80		
WRA	46.70	264	Pc	41	54.20	-2.1	
	0.5s	12.60nm			5.1mb		
WBN	52.48	254	eP	42	39.00	-1.7	
KNA	52.92	267	eP	42	43.00	-1.0	
MUN	60.44	245	eP	43	37.00	-0.3	
NAU	63.12	256	iPd	43	55.00	-0.5	
	0.5s	11.00nm			5.2mb		
CGP	66.44	291	eP	44	15.00	-2.0	
SPA	67.07	180	e(P)	44	21.00	0.5	
BAG	73 88	296	eP	45	02.00	-0.5	
			eS	54	37.00		
LEM	75.42	269	ePd	45	14.00	2.5	
PLM	79.09	47	eP	45	48.00	16.5X	
ISA	79.44	44	eP	45	33.00	-0.2	
JAS1	79.65	41	eP	45	33.30	-0.9	
ORV	80.07	39	ePd	45	36.00	-0.4	
TPC	80.08	46	eP	45	48.00	11.3X	
CLC	80.10	44	eP	45	48.00	11.3X	
WDC	80.14	38	ePd	45	37.20	0.4	
CWC	80.17	44	eP	45	48.00	10.7X	
PRN	82.69	44	eP	45	50.20	-0.2	
KGM	82 78	275	ePc	45	51.50	0.4	
BMN	83.16	41	eP	45	52.00	-0.7	
	1.5s	14.39nm			4.9mb		
EUR	83.35	42	iP	45	53.20	-0.6	
	1.0s	3.85nm			4.5mb		
IPM	85.89	277	ePd	46	08.50	1.7	
LTX	86.43	56	eP	46	09.70	0.4	
PSI	87.08	274	ePd	46	13.50	0.9	
	1.3s	86.50nm			5.8mb		
ALO	87.14	50	eP	46	11.50	-1.2	
Z	18s	1.89um			5.5Msz		
SNG	87.30	279	eP	46	16.00	2.4	
BDW	89.19	42	eP	46	22.00	-0.4	
	1.5s	5.14nm			4.6mb		
BJI	89 42	314	eP	46	23.00	-0.2	
JCT	89.93	57	eP	46	25.00	-0.9	
	2.0s	58 82nm			5.5mb		
Z	20s	1.24um			5.3Msz		
NNT	90.24	283	eP	46	31.80	4.3X	
CCL	90 25	11	eP	46	29.00	2.5	
LCE	90 48	289	eP	46	28.00	-0.2	
BS	91 48	275	ePc	46	36.50	3.2X	
SES	92.53	35	eP	46	37.00	-0.4	
KMI	92.67	296	Pc	46	40.00	1.2	
EDM	92.96	32	eP	46	40.00	0.7	
RSSD	93.34	43	eP	46	41.00	-0.5	
	1.4s	7.55nm			4.9mb		
CHG	93.39	289	iPc	46	44.80	2.8X	
	1.5s	45.14nm			5.7mb		
CHTO	93.39	289	eP	46	44.30	2.4	
	1.7s	46.49nm			5.6mb		
INK	96.12	14	eP	46	52.00	-1.4	
YKA	97.84	24	eP	47	03.00	1.7	
MHI	131.12	299	ePKP	52	40.00	1.0	

KRA	150.51	340	ePKP	53	18.20	5.7X	
			e	53	30.20		
KSP	150.83	345	ePKPc	53	18.50	5.5X	
HRI	150.84	297	ePKP	53	20.50	6.8X	
CLL	151.07	349	iPKPc	53	18.60	5.3X	
	1.6s	31.00nm					
SPC	151.16	339	ePKP	53	20.40	6.6X	
			i	53	33.40		
BRG	151.31	348	ePKP	53	19.80	6.1X	
	2.0s	44.00nm					
			e	53	32.50		
JER	151.58	294	ePKP	53	21.50	6.7X	
JOS	151.65	337	e(PKP)	53	20.00	5.7X	
MLR	151.69	327	ePKP	53	20.00	5.4X	
MOX	151.94	351	e(PKP)	53	25.00	10.4X	
PRNI	151.97	292	ePKP	53	22.00	6.7X	
PRU	152.03	346	ePKP	53	22.00	7.2X	
SRO	152.99	339	ePKP	53	36.00	19.8X	
ZST	153.03	341	ePKP	53	36.00	19.8X	
KHC	153.05	347	iPKPd	53	24.10	7.8X	
GRB5	153.42	350	e(PKP)	53	25.00	8.2X	
	1.3s	10.00nm					
BNG	157.10	218	iPKPc	53	08.10	-14.7X	
	1.0s	25.00nm					
			id	54	05.30		
	S.D. = 1.3	on	40 of	73	obs.		

* FEB 09, 1985 21h 26m 15.17± 1.15s
14.656 N ±10.0km 119.728 E ±10.0km
DEPTH = 63.8 ± 12.5 km
4.7mb (6 obs.)
LUZON, PHILIPPINE ISLANDS (249)

MAN	1.31	90	ePc	26	37.20	-0.5	
			eS	26	55.80		
PGP	1.65	134	iPc	26	43.80	1.4	
			iS	27	07.00		
PPR	4.95	191	iPc	27	27.60	-1.1	
PKI	34.37	298	eP	32	57.90	-0.8	
KKN	34.54	298	eP	32	59.60	-0.4	
DMN	34.64	298	eP	33	00.40	-0.5	
WRA	37.27	157	Pc	33	21.90	-0.8	
	0.4s	1.00nm			4.1mb		
WB2	37.27	157	eP	33	22.00	-0.8	
HYB	39.62	280	eP	33	44.00	1.5	
GBA	40.98	274	Pc	33	54.90	1.2	
	0.7s	8.50nm			4.6mb		
MEK	41.04	182	eP	33	55.00	1.0	
	0.5s	4.00nm			4.5mb		
KJF	77.81	333	eP	38	06.00	-0.9	
COL	77.90	26	eP	38	09.00	1.6	
SUF	78.74	332	iP	38	11.40	-0.6	
	0.4s	3.30nm			4.6mb		
NUR	79.86	330	eP	38	18.00	-0.1	
Z	18s	0.40um			4.8Msz		
			LR	05	40.00		
INK	82.56	21	eP	38	31.00	-1.2	
NB2	85.98	332	P	38	48.40	-1.2	
	0.7s	9.70nm			5.0mb		
GRB3	90.26	322	iPc	39	11.80	1.5	
	1.0s	8.00nm			5.0mb		
Z	19s	0.40um			4.9Msz		
YKA	92.26	22	eP	39	19.80	0.6	
	S.D. = 1.1	on	19 of	19	obs.		

FEB 09, 1985 22h 13m 25.80± 0.40s
43.785 N ± 8.4km 147.683 E ± 5.7km
DEPTH = 49.6km (5 depth phases)
5.0mb (32 obs.)
KURIL ISLANDS (221)

NEM	1.59	254	eP	13	50.00	-2.0	
			S	14	11.00		
URA	3.95	247	Pd	14	27.70	2.3	
			eS	15	13.00		
SAP	4.68	263	eP	14	38.00	2.3	
			eS	15	33.00		
TSK	9.53	220	eP	15	58.50	15.2X	
DDR	10.14	223	eP	15	49.10	-2.6X	
SRY	10.42	221	eP	15	50.40	-4.9X	
OYM	10.59	221	eP	15	54.60	-3.1X	
MDJ	13.01	280	eP	16	30.50	0.4	
CN2	16.05	278	eP	17	09.00	-0.6	
			eS	20	00.00		
SNY	17.78	272	eP	17	31.60	0.4	
BJI	23.67	272	eP	18	32.50	-0.9	
TIA	24.50	262	P	18	41.20	-0.4	

NJ2	25.45	252	Pc	18	50.40	-0.2	
HHC	26.74	276	e(P)	19	03.20	0.7	
TIY	27.24	269	eP	19	07.20	0.1	
BTO	27.93	277	P	19	13.70	0.4	
WHN	29.46	255	Pc	19	26.60	-0.4	
XAN	31.44	265	eP	19	43.10	-1.5	
GTA	35.67	280	P	20	21.10	0.0	
CD2	36.79	265	P	20	30.60	0.0	
TTA	37.16	39	eP	20	34.30	1.0	
GYA	37.30	256	P	20	34.80	-0.2	
IMA	38.44	34	eP	20	44.20	0.1	
FBA	40.84	36	eP	21	04.20	0.4	
	1.0s	26.20nm			4.9mb		
KMI	40.90	258	Pc	21	05.00	0.0	
WMO	42.44	292	Pd	21	17.50	0.2	
INK	46.19	30	eP	21	46.50	-0.4	
LOE	46.70	251	eP	21	49.50	-2.1	
CHG	47.66	254	iPc	21	59.80	0.6	
	0.9s	8.40nm			4.7mb		
CHTO	47.66	254	iP	21	59.90	0.7	
	1.0s	10.25nm			4.8mb		
KKN	51.90	274	iPc	22	31.50	-0.3	
	0.7s	35.00nm			5.5mb		
PKI	51.93	274	iPc	22	31.50	-0.7	
	0.9s	25.00nm			5.2mb		
DMN	52.13	274	iPc	22	33.40	-0.2	
	0.8s	48.00nm			5.6mb		
YKA	55.56	34	eP	22	57.80	-0.2	
YKC	55.62	34	eP	22	58.00	-0.4	
NDI	57.18	280	iPc	23	08.50	-1.5	
EDM	61.11	43	eP	23	36.50	-0.5	
KJF	62.51	335	eP	23	45.00	-1.0	
HYB	63.16	269	ePc	23	49.50	-1.5	
	0.9s	25.00nm			5.3mb		
SUF	64.06	334	iP	23	54.30	-2.0	
	0.6s	5.90nm			4.8mb		
WB2	64.58	194	eP	24	00.20	0.1	
WRA	64.59	194	P	24	01.00	0.9	
	0.7s	1.40nm			4.1mb		
FFC	65.44	37	iPc	24	04.90	-0.4	
	0.8s	7.00nm			4.7mb		
GBA	66.47	266	Pd	24	11.70	-0.7	
	0.8s	21.90nm			5.2mb		
EUR	67.99	56	iP	24	22.10	0.0	
	0.3s	3.27nm			4.8mb		
FRB	69.04	16	eP	24	26.00	-1.7	
BDW	69.58	50	eP	24	32.00	0.2	
	0.7s	0.90nm			3.8mb	X	
NB2	69.71	339	P	24	30.60	-1.4	
	0.8s	7.70nm			4.7mb		
KRA	76.03	328	eP	25	09.10	-0.1	
	0.7s	41.00nm			5.5mb		
			e	25	21.60	42km	
SPC	76.61	328	e(P)	25	13.00	0.2	
KSP	76.72	331	ePc	25	12.50	-0.6	
			i	25	13.00	2kmX	
CLL	77.46	333	iPc	25	16.50	-0.6	
	1.0s	40.00nm			5.4mb		
			ipP	25	31.40	52km	
BRG	77.51	332	eP	25	16.30	-1.1	
	1.0s	12.00nm			4.9mb		
PRU	78.06	331	P	25	20.70	0.3	
			e	25	35.50	52km	
SRO	78.48	328	eP	25	34.00	11.2X	
MOX	78.48	333	ePd	25	23.00	0.2	
	1.6s	37.00nm			5.1mb		
			epP	25	37.00	49km	
ZST	78.63	329	eP	25	24.00	0.4	
WTS	78.78	337	eP	25	24.50	0.1	
	0.9s	35.00nm			5.3mb		
KHC	79.12	331	iPc	25	26.50	0.2	
	0.8s	15.00nm			5.0mb		
			i	25	41.50	53km	
GRF	79.43	333	eP	25	28.50	0.5	
	0.9s	21.00nm			5.1mb		
ENN	80.13	336	eP	25	31.50	-0.1	
	1.0s	32.00nm			5.2mb		
MEM	80.25	336	P	25	32.90	0.6	
KBA	80.94	330	iPc	25	36.20	-0.1	
	1.0s	15.50nm			4.9mb		
			i	25	37.90	5kmX	
			i	25	53.90		
WLF	81.05	336	Pc	25	38.50	2.0	
HRI	81.39	308	eP	25	40.00	1.2	
VAY	81.97	322	eP	25	41.50	0.0	
JER	82.80	308	eP	25	46.00	-0.1	
GVI	83.07	308	eP	25	49.00	1.7	

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LOR    83.87 336 iPc    25 51.00  -0.2
       0.8s     6.70nm            4.7mb
LBF    84.09 336 iPc    25 52.20  -0.2
       0.8s     4.20nm            4.5mb
SMF    84.44 336 iPc    25 54.20   0.1
       0.8s    10.70nm            5.0mb
AVF    84.45 336 iPc    25 54.20   0.1
       0.8s     2.70nm            4.4mb
MZF    85.20 337 iPc    25 58.80   0.9
       0.8s    14.10nm            5.2mb
TCF    85.24 337 iPc    25 58.40   0.3
       1.0s     9.60nm            4.9mb
LSF    85.47 337 iPc    25 59.50   0.3
       1.0s    16.60nm            5.2mb
MFF    85.60 338 iPc    26 00.40   0.5
       0.9s    14.40nm            5.2mb
LRG    86.51 333 eP     26 04.70   0.3
CAF    86.52 336 iPc    26 05.60   1.1
       1.1s    15.60nm            5.2mb
LMR    86.57 333 eP     26 04.60  -0.1
       0.9s     9.80nm            5.0mb
LFF    86.89 337 eP     26 08.10   1.9
LPO    87.00 337 iPc    26 08.10   1.3
ITR   144.71  10 iPKPd  32 57.60  -1.3
   S.D. = 0.9  on  77 of  82 obs.

 FEB 09, 1985  22h 29m 20.62± 0.85s
 19.934 S ± 5.1km   70.038 W ± 8.9km
 DEPTH =  96.8 ±  8.8 km
 4.9mb ( 14 obs.)
NEAR COAST OF NORTHERN CHILE    (122)

TPZ     1.96 141 Pc     30 29.40  35.9X
CNCB    3.67  32 iP     30 18.20   1.3
ARE     3.72 338 iPd    30 12.00  -5.3X
                 iS     30 52.00
ANT     3.77 185 iP     30 16.50  -1.1
LPB     3.85  29 iP     30 20.00   0.8
                 LR     31 27.00
ZOBO    4.07  27 iPd    30 22.70   0.3
YJA     4.78 119 ePc    30 34.90   2.8X
SLA     6.36 139 ePc    30 54.80   1.2
FSA     7.16 150 e(P)   31 05.00   0.7
VCA     8.93 170 ePc    31 27.20  -1.5
TCA    12.37 158 ePd    32 11.00  -3.6X
MDZ    12.94 176 eP     32 26.70   4.6X
ROCH   13.01 184 iPd    32 25.80   2.6X
PEL    13.17 182 iPc    32 27.50   2.5X
PCH    13.64 182 eP     32 34.00   2.8X
TACH   13.69 183 eP     32 33.00   1.2
LNV    14.02 185 iPc    32 33.40  -2.6
VBA    19.37 160 ePc    33 42.20   0.9
BAO    21.42  82 e(P)   34 01.00  -1.5
VAO    21.68 102 eP     34 05.00   0.0
                 e      34 21.00
PSO    22.18 340 eP     34 11.00   0.7
BOG    24.72 350 eP     34 35.00   0.2
CHN    25.34 347 eP     34 41.00   0.6
SDV    28.64 359 eP     35 08.80  -1.7
       0.8s    60.00nm            5.3mb
TOV    29.53   0 eP     35 08.30 -10.0X
SOB1   30.10  73 eP     35 22.40  -0.9
CAR    30.40   6 iPd    35 24.30  -1.7
       0.7s    32.88nm            5.2mb
ITR    32.52  75 eP     35 43.10  -1.3
                 i      35 46.10
RLO    60.60 337 iPd    39 22.30  -1.0
TUL    60.66 336 iPd    39 23.10  -0.6
       1.1s    33.50nm            5.3mb
ALO    64.61 327 eP     39 49.00  -1.2
       0.9s     6.30nm            4.5mb
MNT    65.20 357 iPc    39 52.50  -1.0
       0.9s    48.00nm            5.4mb
                 pP     40 12.50  77kmX
OTT    65.22 356 eP     39 51.00  -2.6
GOL    67.88 331 eP     40 09.00  -2.0
       0 8s     5.65nm            4.5mb
KIC    69.30  75 iP     40 19.30  -0.6
TPC    69.33 320 eP     40 21.00   1.3
RVR    70.05 319 eP     40 25.00   0.9
LHC    70.18 347 eP     40 23.50  -1.1
SPA    70.19 180 eP     40 27.60   2.9
       1.0s    15.50nm            4.8mb
                 e      40 46.90
CLC    71.42 321 eP     40 33.00   0.6
ISA    71.85 320 eP     40 36.00   1.0
CWC    72.13 321 eP     40 38.00   1.2

BDW    72.24 331 eP     40 37.30  -0.1
       1.0s     1.40nm            3.8mb X
EUR    73.04 324 iP     40 43.00   0.9
       0.7s     1.31nm            3.9mb
SCH    74.50   2 eP     40 50.00   0.1
LRM    75.91 331 eP     40 59.30   0.8
SES    78.81 335 eP     41 14.00  -0.2
FFC    79.22 342 eP     41 16.00  -0.2
       1.0s     8.00nm            4.5mb
PNT    81.78 330 eP     41 31.00   1.1
       0.7s     9.00nm            4.7mb
EDM    81.90 335 iPd    41 30.40  -0.1
       0.7s    33.00nm            5.3mb
FRB    83.41   1 eP     41 38.00   0.2
YKC    89.32 341 ePd    42 07.20   0.4
       0.7s    13.00nm            5.2mb
YKA    89.37 341 eP     42 07.90   0.8
EPF    89.93  44 eP     42 25.70  15.5X
       0.7s     3.30nm
BCAO   90.15  85 eP     42 13.40   1.6
       0.9s     1.49nm            4.1mb
                 pP     42 32.10  67kmX
BNG    90.16  85 iPd    42 13.90   2.0
       0.5s     3.00nm            4.7mb
LFF    91.06  42 eP     42 30.20  15.0X
       0.9s    16.30nm
LPO    91.23  42 eP     42 31.30  15.2X
       0.9s     7.50nm
MFF    91.29  40 iPd    42 30.80  14.6X
RJF    91.72  42 eP     42 33.00  14.7X
CAF    91.90  43 eP     42 34.10  14.9X
       0.6s     5.70nm
LSF    92.15  41 eP     42 34.90  14.6X
       1.2s    24.70nm
TCF    92.59  41 eP     42 37.00  14.7X
MZF    92.80  42 eP     42 38.00  14.8X
       0.8s     3.70nm
BGF    93.11  41 iPd    42 39.50  14.8X
       0.7s     9.50nm
AVF    93.52  41 iPd    42 41.20  14.7X
       0.8s     3.20nm
SMF    93.77  42 iPd    42 42.50  14.8X
       0.9s    18.60nm
LOR    94.04  41 eP     42 43.60  14.7X
       0.9s     8.10nm
INK    99.10 340 eP     42 52.00   0.6
WB2   133.72 213 ePKP   48 27.20  -1.2
                 e      49 22.70
WRA   133.73 213 PKP    48 32.00   3.6X
       0.6s     1.30nm
POO   145.91  86 iPKPc  48 53.50   3.1X
GBA   148.27  96 PKPc   48 59.20   5.0X
       0.6s     6.20nm
NDI   148.99  67 iPKPc  49 01.00   6.0X
HYB   150.16  90 ePKP   49 03.50   6.4X
                 e      49 24.50
DMN   156.03  67 ePKP   49 24.40  18.9X
KKN   156.14  66 ePKP   49 25.20  19.6X
       0.6s     5.00nm
PKI   156.30  67 ePKP   49 24.40  18.6X
   S.D. = 1.3  on  48 of  78 obs.

 FEB 09, 1985  23h 01m 25.08± 0.55s
 29.457 S ± 3.5km   71.204 W ± 5.4km
 DEPTH =  51.5 ±  5.5 km
 5.4mb ( 24 obs.)
NEAR COAST OF CENTRAL CHILE     (135)

VCA     2.72  76 ePc    02 12.20   4.8X
                 S      02 51.20
RTLL    3.01 129 iPd    02 13.50   2.0
JACH    3.26 171 iP     02 15.00   0.0
RTCV    3.32 137 iPd    02 18.00   2.1
CFA     3.34 131 ePd    02 18.00   1.9
                 S      02 51.90
ROCH    3.51 177 iPd    02 18.70   0.0
PEL     3.70 173 iPd    02 21.40   0.2
                 i(S)   03 05.00
FCH     3.94 169 iPc    02 25.50   0.7
MDZ     3.97 150 iP     02 27.90   2.9X
                 i      02 50.00
TACH    4.19 177 iPc    02 27.00  -1.1
PCH     4.19 172 iPc    02 28.70   0.5
CHCH    4.49 174 iPd    02 31.70  -0 6
LNV     4.49 182 iPc    02 29 60  -2.6
CYA     4.85  79 iPd    02 38.00   0.6
FSA     5.70  55 iPd    02 52.40   3.2X

ANT     5.77   7 e(P)   02 45.00  -5.3X
TCA     6.01 110 iPc    02 52.80  -1.0
SLA     6.93  49 ePc    03 07.80   1.1
TPZ     8.27  16 eP     03 44.00  18.6X
YJA     8.89  37 eP     03 32.80  -1.3
VBA    11.50 141 ePd    04 06.60  -2.7
CNCB   12.93  14 P      04 32.00   3.1X
                 S      07 45.00
ARE    12.94 359 eP     04 27.00  -1.7
LPB    13.18  13 eP     04 31.00  -1.0
      Z  19s     3.47um
                 S      07 42.00
                 LR     08 20.00
ZOBO   13.43  13 eP     04 36.70   .3
       0.9s    13.84nm            4.8mb
VAO    22.65  79 eP     06 22.80  -0.2
                 e      06 35.80
                 e      66 46.80
PSO    31.03 348 eP     07 41.50   0.8
BOG    33.99 355 eP     68 07.00   0.5
CHN    34.49 352 eP     08 12.00   1.5
SOB1   34.80  61 eP     08 12.20  -0.9
                 e      10 45.50
ITR    36.98  63 eP     08 30.40  -1.1
                 i      08 47.50
UAV    37.84   0 eP     08 37.70  -1.2
SDV    38.12   1 iPd    08 40.10  -1.1
       0.8s    80.00nm            5.7mb
CAR    39.94   7 eP     08 54.70  -1.5
       0.8s    44.78nm            5.4mb
SPA    60.71 180 eP     11 32.00  -1.4
       1.0s    14.00nm            5.0mb
                 e      11 50.00
HKT    63.57 336 iP     11 52.00  -0.6
JCT    65.53 333 iPc    12 05.20  -0.2
       1.1s   123.42nm            5.8mb
                 e      12 18.00
LTX    66.17 329 iP     12 09.60   0.1
MOT    67.47 330 iP     12 17.70  -0.3
RLO    69.01 340 iPc    12 26.70  -0.5
TUL    69.02 339 iPc    12 26.20  -1.0
       0.9s   116.60nm            5.8mb
                 e      12 40.00
                 e      12 47.60
FVM    69.46 344 eP     12 29.00  -0.8
       1.1s   185.37nm            5.9mb
ALO    72.17 330 eP     12 46.20  -0.4
       1.1s    22.15nm            5.0mb
KIC    73.00  72 iPc    12 51.10  -0.5
RSNY   73.71 358 iP     12 55.30   0.3
       1.0s    52.00nm            5.4mb
OTT    74.61 357 eP     13 00.00  -0.2
MNT    74.63 358 iP     13 01.30   1.0
GLA    74.65 323 eP     13 01.00   0.1
GLD    75.78 334 eP     13 08.20   0.9
       1.5s   118.75nm            5.6mb
GOL    75.79 333 eP     13 07.70   0.2
       0.9s    14.77nm            4.9mb
RMU    75.97 328 eP     13 09.70   1.3
TPC    76.11 323 eP     13 10.00   0.8
SUR    76.42 120 iPd    13 12.60   1.3
       0.8s    41.79nm            5.5mb
RVR    76.73 322 eP     13 13.00   0.4
MWC    77.27 322 eP     13 17.00   1 2
PAS    77.28 322 eP     13 17.00   1.4
PRN    78.17 326 iP     13 21.80   1.2
CLC    78.24 323 eP     13 21.00   0.1
ISA    78.58 322 eP     13 23.00   0.2
CWC    78.96 323 eP     13 26.00   1.0
RSSD   79.14 337 eP     13 26.00   0.1
       1.2s    36.55nm            5.2mb
                 pP     13 39.60  47kmX
LHC    79.19 348 iPc    13 25.40  -0.3
BDW    80.07 332 iP     13 30.90   0.0
       1.4s    32.09nm            5 1mb
PRI    80.12 321 eP     13 32.30   1 1
EUR    80.25 326 iP     13 32.20   0.2
       0.2s    23.72nm            5 8mb
MNA    80.52 324 eP     13 33.80   0 5
JAS1   81.31 323 iPc    13 38.00   0 7
BMN    81.59 326 eP     13 38.40  -0 4
       1.3s     8.16nm            4 6mb
RSON   82.40 346 iP     13 42.20  -0.4
       0.9s    29.83nm            5 3mb
VIR    83.05 118 eP     13 46.60  -0 3
       0.3s    41.56nm            5 9mb
ORV    83.08 323 iPc    13 47.40   ' 0
```

09d 23h

BFS	83.57	117	iPd	13	49.50	0.0
	0.7s	50.68nm			5.7mb	
LRM	83.75	332	eP	13	50.30	0.3
SCH	84.01	3	eP	13	50.00	-0.8
KSR	84.17	116	iPd	13	52.70	0.1
	1.2s	32.00nm			5.2mb	
WDC	84.38	323	eP	13	52.30	-0.6
BPI	84.90	117	iPd	13	54.60	-1.7
SLR	85.32	117	eP	13	57.50	-0.8
EVA	85.54	118	e(P)	14	00.00	0.5
SES	86.98	336	eP	14	05.00	-0.6
FFC	87.93	343	iPc	14	09.10	-0.9
	1.1s	15.00nm			5.1mb	
PNT	89.49	331	eP	14	18.00	0.4
	1.0s	14.00nm			5.2mb	
EDM	90.12	336	ePc	14	19.00	-1.5
BCAO	91.93	86	iP	14	30.00	0.3
	1.0s	32.50nm			5.7mb	
BNG	91.94	86	iPc	14	30.20	0.5
	0.6s	38.00nm			6.0mb	
		id		14	49.00	
YKC	97.95	341	eP	14	55.00	-1.0
YKA	98.00	341	eP	14	56.10	-0.1
NUR	117.98	34	iPKP	20	06.00	-0.9
SUF	119.06	32	iPKP	20	08.30	-0.6
	0.6s	4.40nm				
SOD	119.81	26	iPKP	20	10.30	0.1
KJF	119.94	30	iPKP	20	10.40	-0.2
WB2	125.05	210	ePKP	20	20.30	-1.5X
WRA	125.06	210	PKPd	20	19.00	-2.8X
	0.9s	4.60nm				
MHI	138.40	67	ePKP	20	36.00	-10.9X
QUE	143.83	78	ePKP	20	54.60	-2.1X
KOD	145.05	117	ePKP	20	59.00	-0.3
POO	146.39	101	iPKPc	21	02.50	1.4
GBA	146.98	112	PKPd	21	02.70	0.6
	0.9s	39.00nm				
PPI	149.19	163	ePKPd	21	09.50	3.8X
	0.7s	17.20nm				
HYB	149.87	107	ePKPc	21	07.80	1.2
	1.0s	56.00nm				
		e		21	11.60	
PSI	151.78	159	iPKPd	21	15.50	5.9X
	0.9s	21.70nm				
KGM	152.22	168	ePKPc	21	15.90	5.7X
NDI	152.43	84	iPKPc	21	17.00	6.9X
IPM	154.19	162	ePKPd	21	21.10	8.1X
KKN	159.29	89	PKP	21	20.20	1.0
PKI	159.37	90	PKP	21	19.60	0.1
S.D. = 1.0 on 91 of 106 obs.						

• FEB 10, 1985 00h 19m 36.53± 2.37s
45.755 N ±12.2km 128.987 W ±22.3km
DEPTH = 10.0km (geophysicist)
3.8mb (2 obs.)
OFF COAST OF OREGON (30)

BFW	4.08	78	eP	20	41.00	0.6
GMW	4.63	65	eP	20	48.50	0.3
LON	5.08	76	eP	20	55.80	1.3
MCW	5.11	53	eP	20	54.50	-0.5
PNT	7.27	57	iPd	21	25.70	0.3
	0.6s	40.00nm			5.8mb X	
NEW	8.49	69	eP	21	40.30	-2.1
EDM	12.60	48	ePc	22	43.00	4.5X
BDW	14.23	95	eP	23	01.00	0.7
MSU	14.41	114	eP	23	10.00	7.4X
YKA	18.69	21	eP	23	57.40	0.8
FFC	19.36	53	eP	24	04.00	-0.9
	0.7s	5.00nm			3.9mb	
ALO	20.22	114	eP	24	14.00	-0.5
	1.0s	4.50nm			3.8mb	
LTX	25.76	121	eP	25	09.00	0.0
S.D. = 1.1 on 11 of 13 obs.						

FEB 10, 1985 02h 54m 23.87± 0.67s
33.088 S ± 6.6km 68.484 W ± 5.9km
DEPTH = 5.0km (geophysicist)
MENDOZA PROVINCE, ARGENTINA (139)
Felt (II) at Mendoza.

MDZ	0.37	303	eP	54	29.90	-1.4
			iS	54	35.00	
RTCV	1.22	358	ePd	54	46.00	-1.1
			S	55	07.00	
CFA	1.49	8	ePd	54	51.50	0.1
			S	55	12.00	
FCH	1.53	261	iPd	54	51.00	-1.2
			i(S)	55	08.50	
BACH	1.70	261	iPd	54	54.00	-0.4
			i(S)	55	15.80	
RTLL	1.75	0	ePc	54	55.60	0.4
			S	55	21.20	
PCH	1.78	252	iPc	54	55.70	0.1
JACH	1.82	282	iPc	54	55.50	-0.7
			iS	55	18.50	
PEL	1.85	268	iPc	54	56.00	-0.5
			iS	55	17.70	
CHCH	2.00	244	iP	54	59.70	1.0
ROCH	2.13	272	iPd	55	01.20	0.5
			iS	55	26.60	
TACH	2.13	254	eP	55	01.20	0.6
LNV	2.59	250	iPc	55	09.10	1.9
			iS	55	41.00	
TCA	3.73	63	ePd	55	23.80	0.3
			i	55	34.90	
			S	56	21.80	
VCA	4.34	3	e(P)	55	34.00	1.8
			S	56	45.00	
VBA	7.26	135	eP	56	11.70	-1.5
SLA	8.73	18	e(P)	56	55.00	21.1X
S.D. = 1.1 on 16 of 17 obs.						

% FEB 10, 1985 02h 56m 43.71±10.14s
45.622 N ±12.2km 0.827 E ±86.0km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2:4 (LDG).

RJF	0.58	123	Pg	56	55.00	-0.5
			Sg	57	03.40	
LSF	0.80	38	Pg	56	58.00	-1.2
			Sg	57	08.00	
CAF	1.12	128	Pn	57	04.70	0.0
			Pg	57	06.10	
			Sg	57	21.20	
TCF	1.17	55	Pg	57	05.20	-0.4
			Sg	57	20.80	
MZF	1.36	64	Pg	57	09.50	0.8
			Sg	57	27.20	
BGF	1.69	56	Pg	57	14.80	1.4
			Sg	57	36.80	
S.D. = 1.2 on 6 of 6 obs.						

FEB 10, 1985 02h 58m 02.05± 0.65s
33.089 S ± 7.2km 68.530 W ± 6.0km
DEPTH = 5.0km (geophysicist)
3.6mb (2 obs.)
MENDOZA PROVINCE, ARGENTINA (139)

MDZ	0.34	307	eP	58	07.30	-1.6
			iS	58	12.10	
RTCV	1.22	360	ePd	58	23.60	-1.7
FCH	1.49	260	iPc	58	29.50	-0.4
			iS	58	47.70	
CFA	1.50	10	ePd	58	28.40	-1.3
			S	58	52.40	
BACH	1.66	260	iPc	58	32.00	-0.1
			iS	58	55.20	
PCH	1.74	252	iPd	58	33.20	0.0
			iS	58	54.00	
RTLL	1.75	2	ePd	58	33.00	-0.4
JACH	1.78	283	iPd	58	33.30	-0.5
			iS	58	56.60	
PEL	1.81	268	iPc	58	33.90	-0.3
			iS	58	57.00	
CHCH	1.96	244	iP	58	37.50	1.1
ROCH	2.09	273	iPc	58	38.60	0.3
			iS	59	06.00	
TACH	2.09	254	iP	58	42.40	4.2X
LNV	2.56	249	iP	58	47.00	2.2
			iS	59	21.40	
TCA	3.77	63	eP	59	02.70	0.5
			e	59	13.60	
			S	59	59.20	
VCA	4.34	4	ePd	59	11.80	1.4
			S	00	14.20	
VBA	7.28	135	ePd	59	50.00	-1.7
FSA	7.32	18	e(P)	59	54.00	1.9
CNCB	16.22	2	P	01	56.00	3.2X
LPB	16.49	1	Pc	01	57.50	1.3
			LR	02	20.00	
ZOBO	16.75	1	eP	02	01.20	1.6
	1.1s	1.45nm			3.0mb	
VAO	21.48	68	eP	02	55.00	1.2
			e	03	05.50	
ITR	36.86	56	e(P)	05	12.00	-1.3
ALQ	76.45	329	eP	09	52.50	-2.2
	1.0s	2.50nm			4.3mb	
S.D. = 1.4 on 21 of 23 obs.						

• FEB 10, 1985 03h 00m 20.40± 0.46s
44.109 N ±10.2km 149.182 E ± 8.2km
DEPTH = 66.9km (2 depth phases)
4.7mb (9 obs.)
KURIL ISLANDS (221)

MAT	11.27	232	(P)	02	55.00	-5.9X
BJI	24.74	272	eP	05	36.50	-0.3
PMR	39.42	42	e(P)	07	44.80	-0.1
INK	45.36	31	eP	08	34.00	0.9
MBC	48.01	19	eP	08	57.00	3.1X
KKN	52.96	275	eP	09	33.00	0.6
	0.8s	19.00nm			5.2mb	
PKI	52.99	274	eP	09	33.00	0.2
	0.6s	6.00nm			4.8mb	
YKA	54.68	34	eP	09	44.80	0.5
NDI	58.19	281	eP	10	08.50	-1.3
EDM	60.14	43	eP	10	22.00	-1.0
SOD	60.69	338	iP	10	26.20	-0.3
KJF	62.67	335	eP	10	40.00	0.2
SUF	64.24	335	iP	10	48.50	-1.6
	0.4s	7.50nm			5.0mb	
FFC	64.53	37	eP	11	01.00	8.9X
	0.8s	6.00nm			4.6mb	
WB2	65.17	195	eP	10	56.50	0.0
WRA	65.17	195	Pc	10	56.60	0.1
	1.0s	3.30nm			4.3mb	
NUR	66.38	334	iP	11	03.60	-0.2
	0.5s	7.00nm			4.9mb	
EUR	66.91	57	eP	11	08.10	0.2
			pP	11	26.70	70km
GBA	67.57	267	P	11	26.00	14.0X
	0.8s	3.50nm				
FRB	68.42	17	eP	11	16.00	-0.5
BDW	68.54	51	eP	11	17.40	-0.6
	1.4s	4.65nm			4.2mb	
			pP	11	34.70	64km
NB2	69.79	340	P	11	24.80	-0.3
	0.6s	6.20nm			4.7mb	
ALQ	75.60	55	e(P)	12	00.00	0.1
CLL	77.66	334	e(P)	12	12.00	1.2
KHC	79.35	332	P	12	20.50	0.4
KBA	81.19	331	iPd	12	31.80	1.7
	1.0s	9.20nm			4.7mb	
			i	12	41.70	31kmX
			i	12	50.30	
S.D. = 0.8 on 22 of 26 obs.						

FEB 10, 1985 03h 27m 07.62± 0.10s
49.877 N ± 2.4km 78.816 E ± 2.0km
DEPTH = 0.0km (geophysicist)
5.9mb (126 obs.) 4.4Msz (1 obs.)
EASTERN KAZAKH SSR (329)
Underground nuclear explosion.
(Dept. of Energy press release N85-007).

MHI	19.50	233	eP	31	37.00	-2.2
	0.7s	213.70nm			5.5mb	
			eS	35	04.00	
NDI	21.20	184	iP	31	55.00	-2.0
KKN	22.61	165	iPc	32	11.70	0.3
DMN	22.75	165	iPc	32	13.40	0.5
PKI	22.84	165	iPc	32	14.20	0.4
TEH	24.42	245	ePc	32	33.50	4.6X
TAB	25.98	255	eP	32	46.00	2.3
KER	27.91	248	eP	33	03.00	1.6
BJI	27.94	96	P	33	01.50	0.1
			eLg	42	04.00	
SHI	28.34	234	eP	33	06.00	0.7
MSL	29.02	256	iP	33	11.50	0.3
KJF	30.30	318	iPc	33	21.00	-1.3
	0.7s	557.90nm			6.5mb	
KMI	30.90	134	iPc	33	28.00	-0.3
SUF	30.96	315	iPc	33	27.40	-0.8
	0.7s	271.20nm			6.3mb	
SOD	31.06	324	iP	33	28.10	-0.9
KEV	31.34	328	iPc	33	30.80	-0.7
	0.7s	109.50nm			5.9mb	
NUR	31.78	310	iPc	33	34.40	-1.0

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          0.6s   414.60nm          6.5mb
     Z   17s      0.80um           4.5MszX
                     i      34 29.80
                     LR     46 50.00
HYB     32.38 180 iPc      33 40.50   -0.6
        0.8s    188.30nm          6.1mb
                   iPcP    36 28.00
RTB     32.93 254 iPc      33 47.50    1.8
                   i       36 31.50
TRO     34.12 327 iP       33 54.60   -1.0
CHG     34.93 145 iPc      34 03.80    0.6
        1.0s     92.50nm          5.6mb
CHTO    34.93 145 iPc      34 03.70    0.5
ISR     35.03 283 iPc      34 05.00    1.2
MLR     35.25 284 iPc      34 06.00    0.2
UPP     35.35 310 iP       34 05.40   -0.9
        0.9s   1200.00nm          6.7mb
YLV     35.47 274 iP       34 07.00   -0.7
BMR     35.83 288 ePd      34 11.00    0.5
CSS     36.15 263 eP       34 14.00    0.6
GBA     36.19 182 Pc       34 12.90   -0.9
        0.8s    221.90nm          6.0mb
JMB     36.28 279 iP       34 15.00    0.6
BCK     36.41 269 iP       34 15.80    0.1
DST     36.47 273 iP       34 16.20    0.1
CRI     36.51 259 iPc      34 20.50    4.1X
BNT     36.52 275 iP       34 17.50    1.1
EDC     36.56 275 iP       34 16.90    0.1
TTK     36.76 274 iP       34 19.00    0.5
PVL     36.84 281 iPc      34 20.00    0.9
KGT     36.87 275 iP       34 19.00   -0.3
KRA     37.01 294 iPc      34 20.30   -0.1
        0.7s    358.00nm          6.2mb
                   i       34 23.80
JER     37.02 257 iPc      34 21.50    0.7
SPC     37.17 292 iPc      34 23.00    0.9
                   i       35 00.00
ELL     37.27 268 iP       34 23.80    0.9
LOE     37.28 142 eP       34 22.50   -0.5
JOS     37.28 291 iPc      34 23.50    0.8
        1.0s    177.70nm          5.7mb
CLO     37.41 285 iPd      34 24.00    0.2
KDZ     37.49 278 iPc      34 25.00    0.4
EZN     37.83 275 iP       34 27.90    0.5
PSZ     37.92 290 eP       34 28.00   -0.2
PRNI    38.11 256 iPc      34 31.50    1.6
NB2     38.18 313 P        34 21.50   -8.7X
        0.7s    997.50nm          6.6mb
NST     38.25 146 iPc      34 31.90    0.8
VTS     38.37 281 iPc      34 32.00    0.1
KHT     38.53 148 iPc      34 34.20    0.7
                   ePcP    36 46.20
MMB     38.56 279 iPc      34 34.00    0.4
BUD     38.64 290 iPc      34 34.50    0.4
        0.8s     69.00nm          5.4mb
KSP     38.84 296 iPc      34 35.50   -0.3
        0.9s    262.00nm          5.9mb
MCO     38.88 123 iP       34 37.30    0.9
SRO     38.92 291 iPc      34 37.50    1.0
                   e       36 08.00
BEO     38.99 286 iP       34 37.40    0.3
                   i       36 05.60
COP     39.17 305 iPc      34 38.40   -0.1
        0.7s    224.66nm          5.9mb
KONO    39.34 311 iP+      34 39.50   -0.3
VAY     39.44 280 iPc      34 41.50    0.6
ZST     39.48 292 iPc      34 42.10    1.0
                   i       35 14.00
                   e       36 12.00
THE     39.55 278 ePc      34 42.40    0.6
SKO     39.81 281 iPc      34 44.40    0.4
        0 8s     40.00nm          5.1mb
VKA     39.92 293 iPc      34 45.90    1.1
        1.0s    194 00nm          5.7mb
SOP     40 04 292 iPc      34 46.20    0.4
        1.6s    592.00nm          6.0mb
LIT     40.15 278 ePc      34 46.60   -0.2
BRG     40.18 297 iPc      34 47.00    0.1
        1.0s    110.00nm          5.5mb
                   i       36 38.50
                   e       44 13.80
PRU     40.21 296 iPc      34 47.60    0.4
        0.9s     90.80nm          5.4mb
     Z   15s      1.80um           5.0MszX
                   e       36 18.30
HYA     40.49 315 iP+      34 49.50    0.3
CLL     40.54 298 iPc      34 49.80    0.0
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        1.1s    240.00nm          5.8mb
                   i       36 18.60
MUD     40.61 307 iPc      34 51.00    0.7
        0.4s    227.00nm          6.2mb
ODD     40.65 313 iP       34 50.90    0.3
OHR     40.68 280 eP       34 51.00   -0.2
TTG     40.95 283 iPc      34 54.00    0.7
NNT     40.96 148 iPc      34 57.00    3.4X
                   ePcP    36 57.00
BER     41.14 314 iPd      34 54.50   -0.1
KHC     41.15 295 iPc      34 55.10    0.1
        1.0s    217.50nm          5.8mb
                   e       36 28.60
                   e       48 07.80
ASK     41.17 314 iP       34 55.00    0.2
SUE     41.18 315 iPd      34 54.50   -0.4
WET     41.56 295 iPc      34 58.90    0.7
        0.8s    161.00nm          5.8mb
KMY     41.58 312 iP       34 58.90    0.7
HOF     41.61 297 iPc      34 59.00    0.3
        0.8s    242.00nm          6.0mb
MOX     41.61 298 iPc      34 58.50   -0.2
        0.9s    190.00nm          5.8mb
SHK     41.82  91 ePd      35 00.20   -0.3
LJU     42.04 290 iPc      35 02.30    0.1
                   ePP     36 39.30
BHG     42.22 293 iPc      35 04.70    1.0
        1.0s    283.00nm          6.0mb
KBA     42.25 292 iPc      35 04.80    0.6
        1.0s    165.00nm          5.7mb
                           35 06.90
                   i       35 20.10
CEY     42.26 290 iP       35 03.90   -0.1
                   ePP     36 40.70
GRF     42.27 297 iPc      35 05.10    1.0
        1.0s    205.00nm          5.8mb
     Z   20s      0.50um           4.4Msz
VOY     42.43 291 ePc      35 04.70   -0.9
                   ePP     36 40.70
TRI     42.67 290 iPc      35 07.00   -0.4
                   e       36 45.10
LCI     42.91 281 eP       35 08.00   -1.4
WIT     43.42 303 ePc      35 14.50    1.2
                   ePP     36 53.00
WTS     43.71 302 iPc      35 16.10    0.4
        1.0s    130.00nm          5.7mb
                   ePP     36 57.00
OGA     43.74 293 iPc      35 16.70    0.4
        0.8s    194.00nm          6.0mb
DAG     43.75 341 iP       35 14.80   -1.0
                   i       40 51.00
CTI     43.78 292 iPc      35 16.00   -0.5
        0.6s    *******nm         8.6mb X
BNS     43.98 300 iPc      35 18.30    0 4
        1.2s    140.00nm          5.7mb
ORI     44.02 282 iPc      35 19.10    0.7
MAT     44.17  84 iPd      35 17.90   -1.8
        0.6s     42.00nm          5.5mb
DUI     44.38 285 e(P)     35 22.00    0.7
SGO     44.46 283 eP       35 22.50    0.6
BUH     44.48 297 ePc      35 21.90   -0.2
AOU     44.65 286 iPc      35 24.00    0.4
SAL     44.68 292 eP       35 22.50   -1.1
ENN     44.77 300 iPc      35 24.50    0.1
        0.9s     96.00nm          5.7mb
                   ePcP    37 06.50
                   e       37 09.50
MEM     44.80 300 Pc       35 24.80    0.2
                   e       37 09.60
MNS     45.08 287 iPc      35 26.70   -0.2
        0.5s    *******nm         8.7mb X
CDF     45.16 297 iPc      35 27.10   -0.6
        1.0s     56.00nm          5.5mb
WLF     45.18 299 Pc       35 27.50   -0.1
                   e       37 13.00
RMP     45.39 286 iPc      35 30.00    0.6
UCC     45.63 301 Pc       35 31.40    0.3
        1.3s    168.00nm          5.9mb
                   e       37 16.70
BSF     45.74 296 iPc      35 31.80   -0.4
        0.9s    102.80nm          5.8mb
DOU     45.84 300 iPc      35 33 00    0.1
        0.8s    165.00nm          6.1mb
                   PcP     37 10.70
HAU     45.90 297 iPc      35 33.20   -0.2
        0.7s     94.70nm          5.9mb
ORO     46.19 293 eP       35 34 00   -1.8
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        0.3s     14.00nm          5.5mb
SNG     46.32 149 eP       35 37.00    0.1
                   i       37 12.00
SZP     46.38 119 iPd      35 41.00    3.6X
ALE     46.41 353 iPc      35 36.90   -0.1
        0.5s     27.00nm          5.6mb
CVF     47.33 289 iPc      35 44.70   -0.1
        0.7s     52.90nm          5.8mb
BAG     47.37 120 eP       35 45.50    0.0
LOR     47.72 297 iPc      35 46.70   -1.1
        0.5s     45.50nm          5.9mb
LBF     47.81 297 iPc      35 47.30   -1.2
        0.5s     25.60nm          5.6mb
SMF     48.07 297 iPc      35 49.50   -1.0
        0.5s     24.70nm          5.6mb
FRF     48.12 292 iPc      35 50.60   -0.3
        0.7s    146.40nm          6.2mb
AVF     48.27 297 iPc      35 51.10   -1.0
        0.8s     61.70nm          5.8mb
LMR     48.33 291 iPc      35 52.10   -0.4
        0.6s     57.70nm          5.9mb
LRG     48.35 292 iPc      35 52.40   -0.3
        0.8s     97.90nm          6.0mb
AKU     48.56 327 iPc      35 55.20    1.2
        0.9s    127.73nm          6.0mb
BGF     48.69 297 iPc      35 54.50   -0.8
        0.7s     49.00nm          5.7mb
IPM     48.89 150 iPc      35 57.50    0.4
        0.8s    349.60nm          6.5mb
                   e       36 03.60
                   e       37 21.80
MZF     49.03 297 iPc      35 57.70   -0.2
        0.7s     79.20nm          5.9mb
TCF     49.21 297 iPc      35 58.80   -0.5
        0.7s     60.40nm          5.7mb
LDF     49.26 301 iPc      35 58.90   -0.7
        0.6s    126.80nm          6.1mb
FLN     49.37 301 iPc      35 59.60   -0.9
        0.5s    176.50nm          6.3mb
LSF     49.62 297 iPc      36 01.40   -1.1
        0.6s     29.50nm          5.4mb
GRR     49.78 301 iPc      36 02.70   -0.9
        0.7s     90.40nm          5.8mb
DDK     49.96 309 iPc      36 04.00   -0.9
        1.0s    290.00nm          6.2mb
PSI     50.02 153 iPc      36 04.40   -1.4
        0.6s     95.20nm          5.9mb
CAF     50.06 296 iPc      36 06.10    0.2
        0.8s     62.90nm          5.6mb
LPF     50.08 301 iPc      36 05.00   -0.9
        0.5s    110.40nm          6.0mb
DLE     50.12 309 iPc      36 05.20   -0.9
        0.8s    240.00nm          6.2mb
RJF     50.16 296 iPc      36 06.30   -0.3
        0.7s     59.30nm          5.6mb
ETA     50.27 308 iPc      36 06.30   -1.0
        1.0s    160.00nm          5.9mb
MFF     50.38 299 iPc      36 07.40   -0.9
        0.5s    102.50nm          6.0mb
DCN     50.46 309 iPc      36 08.10   -0.6
ECP     50.64 307 iPc      36 08.50   -1.6
        1.0s    355.00nm          6.3mb
LPO     50.71 296 iPc      36 10.90    0.1
        0.7s    175.70nm          6.1mb
EC8     50.74 308 iPc      36 10.00   -0.9
        0.8s    420.00nm          6.4mb
REY     50.77 326 iP       36 12.10    1.2
LFF     50.83 296 iPc      36 11.80    0 2
        0.7s    100.70nm          5.9mb
PPR     51.85 126 iPd      36 20.10    0.4
        1.0s    138.00nm          5.8mb
KGM     52.05 148 iPc      36 21.70    0.5
        0.9s    274.60nm          6.2mb
EPF     52.18 295 iPc      36 21.00   -1.0
        0.7s     92.10nm          5.8mb
VAL     52.74 309 iP       36 25.20   -0.8
BRW     52.86  19 eP       36 26.20   -0.5
EBR     53.42 292 eP       36 31 00   -0.2
PPI     53.45 153 ePd      36 29.70   -1.9
        0.7s    115.80nm          6.0mb
MBC     53.61   5 iPc      36 31.20   -0 9
        0.5s    105 00nm          6.1mb
                   pP      36 53.00   88kmX
KKM     53.78 132 ePc      36 34 60    0 4
        0.6s     47.30nm          5.7mb
LGR     54.19 296 iPd      36 37.30    0 5
GDH     56.14 342 iPc      36 49.20   -1.5
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10d 03h

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      0.7s   112.33nm          6.0mb
                   i     37 47.00
CGP   56.15 121 iPd      36 51.00  -0.4
TOL   56.71 294 iPd      36 54.50  -0.7
      1.0s     6.00nm          4.6mb X
IMA   57.62  23 eP       37 00.20  -1.3
      0.6s   219.50nm          6.4mb
CRT   58.19 291 eP       37 04.20  -1.5
MAL   58.98 291 iPc      37 09.30  -1.8
      0.7s     7.50nm          4.9mb
TTA   59.50  26 eP       37 14.00  -0.5
INK   59.71  13 iPc      37 15.00  -0.8
      0.9s   355.00nm          6.5mb
                 pP      37 42.00 110kmX
FBA   59.99  21 eP       37 17.00  -0.8
ADK   60.13  44 eP       37 18.10  -0.8
MNI   62.08 125 eP       37 32.30  -0.2
NAI   62.37 229 eP       37 10.00 -24.7X
      0.5s    12.68nm
PME   62.45  24 iPc      37 33.00  -1.4
      0.6s   122.00nm          6.3mb
PMR   62.46  24 P        37 32.60  -1.8
      0.6s   143.84nm          6.4mb
AVE   63.11 290 iPd      37 38.50  -0.6
                 i       37 52.00
FRB   63.85 345 iPc      37 42.50  -1.1
      0.9s   196.00nm          6.3mb
MKS   65.17 134 ePd      37 51.60  -1.1
YKA   67.47   7 eP       38 06.10  -0.7
YKC   67.50   7 iPc      38 06.00  -1.0
      0 5s   111.00nm          6.3mb
BNG   67.76 249 ePc      38 04.60  -4.7X
      0.7s   469.00nm          6.8mb
                 ic      38 08.20
                 ic      38 18.30
                 id      40 19.90
BCAO  67.77 249 iP       38 08.10  -1.3
AAI   68.18 125 e(P)     38 11.50  -0.4
SIT   69 75  19 eP       38 21.60   0.6
AVY   73.82 211 ePd      38 45.60  -0.3
STJ   74.30 328 ePc      38 47.80  -0.4
FFC   75 77   0 iPc      38 55.90  -0.6
      0.7s   171.00nm          6.3mb
EDM   76.76   7 iPc      39 01.80  -0.4
      0.7s   208.00nm          6.4mb
TZZ   76.77 115 eP       39 03.00   0.2
TET   76.88 224 iP       39 05.00   1.8
PHC   77.32  17 eP       39 05.50   0.3
MTN   77.45 128 eP       39 05.00  -1.4
MTD   78.34 226 iPc      39 11.00  -0.4
KNA   78 75 131 iPd      39 13.70   0.3
      0 8s   166.00nm          6.1mb
NAU   79.11 146 iPc      39 16.10   0.8
      0 4s    50.00nm          5.9mb
KRI   79.31 228 iPc      39 16.00  -0.8
RSON  79 44 355 iPc      39 16.30  -0.6
      0.6s    44.59nm          5.6mb
MBL   79.51 141 iPc      39 19.10   1.5
      0.5s   154.00nm          6.2mb
SES   79.75   6 iPc      39 18.10  -0.5
      0 7s   159.00nm          6.1mb
PNT   79.93  12 iPc      39 19.60   0.0
      0.8s    96.00nm          5.8mb
YKM   80.85  10 iPc      39 24.70   0.1
RXF   80.91   9 iPc      39 24.70  -0.2
KIC   81.02 269 iPc      39 25.90   0.0
NEW   81.28  11 P        39 26.90   0.1
      0 8s    35.21nm          5.5mb
LDM   81 30   9 iPc      39 26.70  -0.2
LHD   81.46  10 iPc      39 27.70  -0.1
LHC   81 55 352 iPc      39 28.00  -0.1
      0 9s   188.00nm          6.2mb
CLX   81.56   9 iPc      39 28.00  -0.4
MNT   82 03 341 iPc      39 30.60   0.0
      1.0s    53.00nm          5.6mb
OTT   82.56 342 iPc      39 33.30  -0.1
      0.5s    48.00nm          5.9mb
BUL   82.64 227 iPc      39 33.60  -0.6
PSNY  83.13 341 iPc      39 37.00   0.6
      0.7s   131.27nm          6.3mb
PMG   83.58 113 iPc      39 40.00   1.0
      0.9s   121.01nm          6.1mb
LMG   83.78 112 eP       39 40.00  -0.2
MEK   83.93 145 iPc      39 40.00  -0.6
      0 6s    77.00nm          6.1mb
LRM   84.18   8 eP       39 41.60  -0.5
WRA   85.07 129 Pc       39 46.10  -0.3
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      0.6s   105.90nm          6.2mb
WB2   85.07 129 iPc      39 46.20  -0.2
                ePKKP    57 53.60
BGA   85.96 104 iPd      39 50.20  -0.9
PAA   86.27 104 iPd      39 52.50  -0.1
RSSD  86.35   2 iPc      39 53.40   0.5
      0.7s   115.81nm          6.2mb
WBN   86.74 138 iPc      39 54.40  -0.2
      0.5s    24.00nm          5.7mb
SDW   87.44   6 iPc      39 58.00  -0.2
      0.8s     8.47nm          5.1mb
SLR   87.61 224 iPd      39 59.40   0.5
      0.8s    31.34nm          5.7mb
EVA   87.93 223 iPd      40 00.70   0.2
      0.8s    28.36nm          5.6mb
ASPA  87.99 131 iPc      40 00.40  -0.2
      0.7s   178.00nm          6.5mb
WDC   87.98  16 iPc      40 00.80   0.2
MUN   88.00 149 iPc      40 00.10  -0.3
      0.9s   100.00nm          6.1mb
BPI   88.11 224 eP       39 59.10  -2.2
      0.9s    75.63nm          6.0mb
KSR   88.36 225 iPd      40 02.60   0.1
      0.8s    43.75nm          5.8mb
MIN   88.38  15 iPc      40 02.90   0.2
KLG   88.78 144 eP       40 04.00  -0.2
BMN   88.97  12 iPc      40 06.70   1.2
      1.0s    75.25nm          5.9mb
ORV   89.16  16 iPc      40 06.30   0.1
NWAO  89.21 148 iPc      40 06.20   0.0
      0.6s    13.00nm          5.3mb
BFS   89.29 225 iPc      40 05.90  -1.0
      0.5s    47.89nm          6.0mb
EUR   90.07  11 iP       40 12.10   1.3
      0.5s    36.97nm          5.9mb
VIR   90.27 224 eP       40 10.60  -0.9
      0.5s    28.17nm          5.8mb
BRK   90.66  17 eP       40 14.50   1.3
BKS   90.66  17 iP       40 14.60   1.3
      1.0s   100.00nm          6.1mb
GLD   90.68   3 eP       40 14.80   1.3
      1.4s    59.46nm          5.7mb
GOL   90.73   3 iPc      40 14.30   0.5
      1.0s    54.00nm          5.8mb
MNA   90.80  13 iPc      40 15.30   1.2
JAS1  90.94  15 iPc      40 15.50   1.0
MHC   91.29  16 eP       40 17.20   0.9
BLF   91.45 224 iPd      40 16.50  -0.4
      1.0s    30.00nm          5.6mb
CTA   91.55 120 iPc      40 17.20  -0.2
      0.9s    51.68nm          5.9mb
SAO   91.89  16 eP       40 19.80   0.9
FRI   91.97  15 eP       40 19.90   0.7
FVM   92.00 352 eP       40 20.00   0.6
      1.0s    42.00nm          5.7mb
LLA   92.12  16 eP       40 21.30   1.3
PRN   92.23  11 iP       40 21.90   1.2
PRS   92.32  16 eP       40 22.00   1.1
PRI   92.63  16 eP       40 24.20   1.7
CWC   92.77  14 eP       40 23.00  -0.2
RMU   92.99   8 eP       40 24.40   0.2
CLC   93.45  13 eP       40 27.00   0.8
                e        44 09.00
ISA   93.47  14 eP       40 27.00   0.7
ACO   93.78 358 ePc      40 28.30   0.7
      1.3s    25.80nm          5.4mb
GSC   94.07  13 eP       40 31.00   1.9
RLO   94.16 355 iPc      40 29.40   0.0
TUL   94.45 356 iP       40 31.30   0.6
      1.0s    78.80nm          6.0mb
                e        43 36.50
SBB   94.52  14 eP       40 32.00   0.8
                e        44 23.00
MWC   94.94  14 eP       40 34.00   0.7
PAS   95.00  14 eP       40 34.00   0.7
RRO   95.00 358 ePc      40 33.90   0.6
      0.8s    36.00nm          5.9mb
TPC   95.35  12 eP       40 36.00   1.0
ALQ   95.42   4 eP       40 36.00   0.5
      1.0s    16.00nm          5.4mb
PLM   95.98  13 eP       40 38.00   0.0
GLA   96.55  12 eP       40 42.00   1.5
STK   98.57 130 eP       40 48.00  -1.1
JCT   99.99 359 iP       40 57.00   0.9
      1.0s    20.00nm          5.6mb
LTX  101.11   2 ePdiff41 02.30   1.4
TCW  123.16 116 PKP      46 04.60  -2 5X
```

```
BAO  125.29 289 PKPd  46 12.80  -0.1
VAO  130.15 282 ePKP  46 21.80   0.6
ZOBO 137.15 310 e(PKP)46 29.90  -5.4X
      1.0s     3.00nm
LPB  137.36 309 PKP   46 22.00 -13.5X
                i     46 45.40
CNCB 137.53 309 ePKP  46 21.00 -15.0X
ARE  138.94 314 ePKP  46 26.00 -12.3X
SPA  139.69 180 e(PKP)46 28.60  -9.3X
TPZ  141.80 306 PKP   46 41.20  -2.2X
ANT  144.53 306 iPKP  46 47.10  -0.4
TCA  147.04 290 iPKPc 46 52.40   0.8
VBA  149.75 278 ePKPd 46 55.60   0.0
JACH 151.58 296 iPKPc 47 05.70   7.1X
FCH  151.86 294 ePKP  47 06.90   7.6X
PEL  151.96 295 iPKPd 47 05.00   5.9X
BACH 152.00 295 ePKP  47 06.50   7.3X
ROCH 152.03 296 iPKPc 47 06.20   6.8X
PCH  152.20 294 iPKPd 47 06.50   7.0X
TACH 152.47 295 iPKPc 47 07.00   7.2X
     S.D. = 0.8  on 273 of 294 obs.
```

% FEB 10, 1985 04h 47m 01.53± 0.80s
33.417 S ± 7.1km 70.957 W ± 9.5km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

```
TACH   0.24 176 iPc   47 10.00   1.5
                iS    47 18.00
BACH   0.39  81 iPc   47 11.00   0.3
                iS    47 20.00
PCH    0.42 119 iPc   47 11.10   0.0
                iS    47 20.30
ROCH   0.45 354 eP    47 12.50   0.9
                iS    47 21.00
FCH    0.56  81 iPc   47 13.20  -0.2
                iS    47 23.30
CHCH   0.57 154 iP    47 12.80  -0.5
                i(S)  47 22.50
LNV    0.66 215 iPc   47 13.40  -0.9
                iS    47 23.90
JACH   0.79  23 iPd   47 15.20  -1.2
                iS    47 27.00
     S.D. = 1.1  on  8 of  8 obs.
```

FEB 10, 1985 06h 16m 06.18± 0.83s
25.406 N ± 5.5km 125.285 E ± 6.9km
DEPTH = 45.5 ± 8.1 km
4.8mb (4 obs.)
SOUTHWESTERN RYUKYU ISLANDS (246)

```
MYK    0.62 180 iPc   16 18.50  -0.2
                iS    16 28.70
ISI    1.47 224 eP    16 31.00   0.3
                S     16 48.80
ANP    3.42 267 eP    17 20.00  21.6X
TATO   3.47 264 e(P)  16 59.00   0.0
QZH    6.08 267 eP    17 34.50  -1.4
                S     18 47.50
NJ2    8.70 321 eP    18 12.00  -0.3
BAG    9.97 207 eP    18 34.00   4.0X
WHN   10.93 300 eP    18 42.50  -0.4
                S     20 48.00
                Lg    21 48.00
                e     22 07.00
GZH   11.14 261 eP    18 42.00  -3.7X
TIY   16.42 321 eP    19 55.60   0.5
BJI   16.47 335 eP    19 55.50   0.0
                eS    23 18.00
XAN   16.60 305 P     19 59.40   2.1
CN2   18.35   0 eP    20 19.00   0.1
HHC   19.18 327 eP    20 29.60   0.6
CD2   19.75 291 eP    20 34.60  -0.6
BTO   19.79 324 eP    20 35.50  -0.1
KMI   20.39 274 Pc    20 42.50   0.4
LZH   21.24 305 Pc    20 50.50  -0.1
      3.0s   503.00nm       5.4mb
LOE   23.30 255 eP    21 19.00   8.0X
CHG   25.24 260 eP    21 30.00   0.3
GTA   25.53 309 Pc    21 32.00  -0.4
PSI   33.96 233 eP    22 54.00   6.4X
WRA   45.93 168 Pc    24 27.30   0.9
WB2   45.93 168 eP    24 23.20  -3.2X
                i     24 27.00
GBA   46.38 265 Pd    24 30.10   0.0
      1.1s     6.30nm       4.5mb
MHI   56.56 298 eP    25 47.00   0.3
```

INK	70.69	23	ePd	27	18.10	-0.8
NB2	78.86	333	P	28	04.00	-1.9
	0.8s	1.70nm			4.1mb	
YKA	80.37	24	eP	28	14.30	0.4
YKC	80.43	24	eP	28	14.00	-0.2
EDM	86.68	31	eP	28	46.00	-0.3
FFC	90.49	25	eP	29	05.00	0.7
	0.9s	11.00nm			5.2mb	
	S.D. = 0.8	on	26 of	32	obs.	

% FEB 10, 1985 07h 28m 52.97± 0.90s
32.922 S ± 8.1km 70.733 W ±10.5km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

ROCH	0.24	258	iP	29	01.30	1.0
			iS	29	10.60	
JACH	0.27	26	iP	29	00.00	-0.4
			iS	29	09.30	
BACH	0.47	155	iPd	29	03.70	0.4
			iS	29	15.70	
FCH	0.55	138	iPd	29	04.90	0.3
			iS	29	17.20	
PCH	0.72	165	iP	29	06.90	0.1
			iS	29	20.50	
TACH	0.75	193	iPd	29	07.90	0.8
			iS	29	21.50	
CHCH	1.01	176	iPc	29	10.10	-0.8
			i(S)	29	27.00	
LNV	1.18	209	iP	29	11.70	-1.4
			iS	29	29.60	
	S.D. = 1.0	on	8 of	8	obs.	

? FEB 10, 1985 07h 38m 34.50± 1.75s
4.768 N ±12.6km 96.211 E ±13.6km
DEPTH = 46.5 ± 21.0 km
3.9mb (2 obs.)
NORTHERN SUMATERA (706)

TSI	2.66	118	e(P)	39	26.00	10.0X
			e(S)	40	03.00	
PSI	3.40	127	ePc	39	28.60	2.2
			e(S)	40	20.00	
IPM	4.80	92	ePd	39	46.00	-0.2
	0.5s	15.30nm			3.9mb	
			e	41	09.00	
SNG	4.99	61	eP	39	49.00	0.1
PPI	6.66	141	eP	40	11.20	-1.2
KGM	7.60	111	eP	40	24.00	-1.5
			e	42	36.00	
NNT	8.52	24	eP	40	44.00	5.9X
GBA	20.49	297	Pc	43	10.50	-0.8
	0.9s	5.30nm			3.9mb	
SHL	21.09	349	eP	43	17.60	0.0
HYB	21.38	307	eP	43	21.00	0.7
BJI	39.46	24	eP	46	09.50	7.5X
WRA	44.81	124	Pc	46	46.30	0.3
	0.4s	0.80nm			3.9mb	
WB2	44.82	124	eP	46	46.30	0.2
CLL	82.05	321	e(P)	51	05.00	13.8X
	S.D. = 1.3	on	10 of	14	obs.	

* FEB 10, 1985 09h 19m 14.37± 0.67s
40.770 N ± 8.0km 74.767 E ±12.5km
DEPTH = 33.0km (normal)
4.5mb (7 obs.)
KIRGHIZ-XINJIANG BORDER REGION (320)

KSH	1.61	144	iPd	19	48.00	7.0X
			iS	20	13.00	
WMO	10.05	68	Pd	21	38.00	-1.6
NDI	12.22	170	eP	22	08.00	-1.0
	0.6s	26.67nm			5.6mb X	
			eS	24	20.00	
KKN	15.58	143	eP	22	52.50	-0.8
	0.5s	26.00nm			4.7mb	
DMN	15.65	144	eP	22	53.50	-0.9
	0.5s	23.00nm			4.6mb	
PKI	15.82	143	eP	22	55.50	-1.1
	0.4s	21.00nm			4.7mb	
GTA	19.20	86	P	23	39.80	1.5
			Lg	29	39.20	
SHL	20.80	132	eP	23	57.20	1.7
HYB	23.50	171	eP	24	26.50	4.3X
GBA	27.16	174	Pd	24	58.00	1.4
	0.6s	3.70nm			4.2mb	
NB2	42.87	320	P	27	10.00	-0.9
	0.7s	3.90nm			4.2mb	
MBC	62.92	4	eP	29	38.60	-0.5
	0.5s	4.00nm			4.8mb	
INK	69.21	11	eP	30	19.00	-0.3
COL	69.53	18	e(P)	30	21.60	0.3
			pP	30	38.00	60kmX
YKA	76.81	4	eP	31	04.40	0.5
YKC	76.83	4	eP	31	04.00	0.0
WRA	81.88	125	Pd	31	33.60	1.8
	0.9s	1.70nm			4.1mb	
	S.D. = 1.2	on	15 of	17	obs.	

& FEB 10, 1985 09h 20m 00.00s
35.730 N 118.040 W
DEPTH = 9.0km
CENTRAL CALIFORNIA (39)
<PAS-P>. ML 3.5 (PAS), 3.6 (BRK).

VPEM	0.28	40	iP	20	05.60	-0.4
WKTM	0.33	281	iP	20	06.40	-0.5
CLC	0.37	76	iPc	20	07.00	-0.6
SBB	1.05	170	iPd	20	19.00	-1.0
GSC	1.09	113	iPc	20	20.20	-0.5
SDW	1.37	144	eP	20	23.80	-1.6
FRI	1.84	314	ePc	20	31.90	-0.1
			iS	20	55.80	
PHAM	1.92	274	eP	20	33.00	-0.2
PRI	2.17	282	ePd	20	36.60	-0.3
LLA	2.51	291	e(P)	20	41.50	-0.2
PRS	2.77	284	ePd	20	45.30	0.0
JAS1	2.91	320	ePc	20	48.20	0.9
			i	21	27.00	
			iSg	21	30.00	
SAO	2.94	292	ePc	20	47.30	-0.4
MHC	3.32	300	e(P)	20	54.90	1.7
GCC	3.45	293	eP	20	54.20	-0.7
EUR	4.09	23	iP	21	16.50	12.2
	16 obs. associated					

% FEB 10, 1985 09h 46m 22.21± 1.08s
45.643 N ± 7.4km 2.917 E ± 9.1km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.2 (LDG).

MZF	0.62	338	Pg	46	34.00	-0.7
			Sg	46	42.80	
TCF	0.81	323	Pg	46	38.00	0.0
			Sg	46	48.80	
BGF	0.92	357	Pg	46	40.00	0.3
			Sg	46	52.00	
CAF	0.94	220	Pg	46	40.00	-0.1
			Sg	46	53.00	
LSF	1.14	303	Pg	46	44.00	0.4
			Sg	46	59.20	
AVF	1.19	15	Pg	46	44.20	-0.1
			Sg	46	59.60	
SMF	1.19	32	Pg	46	44.60	0.2
			Sg	47	00.20	
	S.D. = 0.4	on	7 of	7	obs.	

* FEB 10, 1985 09h 54m 57.68± 1.82s
0.123 N ±11.5km 96.798 E ±10.4km
DEPTH = 37.1 ± 15.6 km
4.6mb (6 obs.)
OFF W COAST OF NORTHERN SUMATERA(705)

PSI	3.32	40	ePc	55	48.50	0.0
PPI	3.64	99	eP	55	53.70	0.6
			eS	56	36.50	
TSI	3.79	28	ePc	55	58.00	2.8X
BSI	5.54	345	iPd	56	16.00	-3.9X
			iS	57	17.00	
IPM	6.12	44	ePc	56	26.80	-1.3
			e	57	41.00	
KGM	6.79	74	ePd	56	37.00	-0.5
CHG	18.69	6	eP	59	15.50	0.1
KOD	21.69	298	eP	59	48.50	0.7
GBA	23.39	306	Pc	00	03.90	-0.3
	0.8s	3.80nm			3.9mb	
HYB	24.86	315	eP	00	20.20	1.7
KMI	25.51	13	eP	00	26.00	1.2
PKI	29.40	339	eP	01	06.80	6.5X
	0.9s	0.60nm			3.3mb X	
DMN	29.54	339	eP	01	07.00	5.5X
	0.6s	6.00nm			4.5mb	
KKN	29.65	339	eP	01	02.00	-0.4
	0.6s	10.00nm			4.7mb	
WRA	41.82	121	Pd	02	46.60	0.7
	0.6s	11.70nm			4.8mb	
WB2	41.83	121	eP	02	46.20	0.2
BJI	43.48	22	eP	03	00.50	1.4
BNG	78.28	274	ePd	06	55.00	-1.2
	1.0s	12.00nm			4.9mb	
			id	07	05.00	
KJF	80.90	336	eP	07	08.00	-1.3
SUF	81.11	334	eP	07	07.00	-3.4X
NUR	81.17	332	eP	07	10.00	-0.7
NB2	87.75	331	P	07	43.60	-0.3
	0.8s	2.00nm			4.4mb	
LTX	144.79	32	ePKP	14	32.50	-0.7
JCT	145.71	26	iPKP	14	34.80	0.2
	1.0s	25.00nm				
			i	14	43.00	
	S.D. = 1.0	on	19 of	24	obs.	

% FEB 10, 1985 11h 03m 52.38± 0.58s
40.771 N ± 5.0km 23.086 E ± 4.9km
DEPTH = 10.0km (geophysicist)
GREECE (364)

THE	0.17	214	ePgc	03	55.90	-0.3
			eSg	03	58.10	
SOH	0.21	76	ePgc	03	57.20	0.2
KNT	0.42	340	iPgc	04	01.00	0.1
			eSg	04	06.80	
SRS	0.52	48	ePgc	04	02.50	-0.3
			eSb	04	11.70	
GRG	0.55	290	ePgd	04	03.70	0.1
			eSg	04	11.80	
OUR	0.81	122	ePg	04	07.90	-0.2
PAIG	0.96	152	ePg	04	10.90	0.3
	S.D. = 0.3	on	7 of	7	obs.	

FEB 10, 1985 11h 38m 43.06± 0.55s
33.757 S ± 7.6km 72.390 W ± 5.7km
DEPTH = 33.0km (normal)
4.9mb (4 obs.)
OFF COAST OF CENTRAL CHILE (134)

LNV	0.84	104	iPd	38	59.20	0 8
			i(S)	39	12.30	
TACH	1.22	86	iPd	39	04.20	0 4
ROCH	1.39	56	iPc	39	07.00	0 4
CHCH	1.46	97	iPc	39	08.10	0 7
PEL	1.55	67	iPc	39	09.90	1.2
PCH	1.57	86	iPd	39	09.70	0.6
BACH	1.64	76	iPc	39	11.20	1.2
JACH	1.85	55	iPd	39	13.40	0.3
RTCV	3.76	61	ePc	39	41.70	1.6
			S	40	43.00	
RTLL	4.10	55	ePc	39	45.80	0.7
			S	40	47.50	
VCA	6.15	37	ePd	40	13.50	-0.7
			S	41	47.80	
TCA	7.01	72	ePd	40	23.30	-2.9
			e	40	30.40	
			S	42	00.10	
CYA	7.75	49	iPd	40	32.80	-3.6X
VBA	9.47	120	ePd	40	58.40	-1.9
ANT	10.16	10	e(P)	41	17.00	7.3X
			eS	43	35.00	
SLA	10.82	36	eP	41	13.80	-5.1X
			(S)	43	24.80	
YJA	13.04	30	ePc	41	40.40	-8.7X
ARE	17.24	3	eP	42	42.00	-1.3
CNCB	17.34	14	P	42	44.80	0.1
LPB	17.58	14	P	42	48.80	1.2
			eS	46	22.00	
			LR	19	33.00	
ZOBO	17.83	13	eP	42	50.50	-0 4
	0.7s	3.62nm			3.6mb X	
VAO	24.74	71	eP	44	02.50	-0 4
			e	44	10.30	
BAO	28.46	57	iPd	44	35.00	-2 3
ITR	39.94	59	iPc	46	14.60	-1.5
			e	46	19.80	
SPA	56.42	180	e(P)	48	24.10	0.5
JCT	68.94	335	eP	49	47.00	0.1
	1.1s	11.39nm			4.9mb	
LTX	69.38	331	eP	49	50.00	0.3
TUL	72.68	340	eP	50	09.30	0.0
	0.9s	13.70nm			5.0mb	

10d 11h

		e	50	21.40		
RLO	72.71	341 eP	50	07.90	-1.6	
KIC	75.28	72 iP	50	24.90	0.0	
ALQ	75.43	332 eP	50	25.30	-0.2	
	1.0s	5.00nm		4.5mb		
PRN	81.18	327 eP	50	58.90	2.0	
EUR	83.29	328 iP	51	09.20	1.3	
	0.3s	3.85nm		5.0mb		
EDM	93.65	337 eP	51	57.00	0.2	
SUF	123.22	53 ePKP	57	36.00	-1.1	
	0.5s	1.50nm				
SOD	124.09	27 ePKP	57	39.00	0.3	
KJF	124.14	31 ePKP	57	39.00	0.1	
GBA	146.05	119 PKPc	58	21.20	0.4	
	0.5s	7.40nm				
HYB	149.30	115 ePKP	58	29.00	3.0X	
IPM	150.33	167 ePKPd	58	32.50	4.9X	
	S.D. = 1.2	on 34 of 40 obs.				

& FEB 10, 1985 12h 10m 32.15s
61.688 N 150.170 W
DEPTH = 45.5km
SOUTHERN ALASKA (2)
<AGS-P>.

PWA	0.14	105 eP	10	39.80	1.8	
SUA	0.35	231 iP	10	41.42	-0.2	
		iS	10	49.11		
PMS	0.53	146 eP	10	43.00	-0.7	
PME	0.55	96 eP	10	43.10	-0.7	
MSE	0.59	75 iP	10	44.12	-0.4	
		iS	10	53.97		
SKT	0.71	295 iP	10	44.93	-1.0	
KNK	0.87	108 iP	10	47.79	-0.3	
		iS	11	01.31		
SML	0.88	81 iP	10	47.63	-0.7	
CGLM	0.96	247 iP	10	48.94	-0.6	
PTE	0.99	146 iP	10	49.08	-0.8	
SPU	1.04	242 iP	10	49.72	-0.8	
NKA	1.08	209 eP	10	52.10	1.0	
SLKM	1.18	181 iP	10	51.37	-1.2	
PWL	1.22	132 iP	10	52.32	-0.7	
		iS	11	08.51		
CFI	1.26	113 iP	10	53.14	-0.5	
MPA	1.27	162 eP	10	52.59	-1.1	
SCM	1.36	83 eP	10	54.57	-0.5	
RDT	1.56	225 iP	10	57.08	-0.8	
		iS	11	17.60		
SEW	1.63	167 eP	10	57.12	-1.7	
GLI	1.69	117 iP	10	58.54	-1.2	
NNL	1.74	199 eP	11	00.49	0.1	
VZW	1.85	108 eP	11	00.64	-1.4	
VLZ	1.93	105 iP	11	01.69	-1.3	
BRLK	1.96	191 eP	11	02.19	-1.4	
ILM	1.99	222 eP	11	03.01	-0.9	
FID	2.02	116 iP	11	02.11	-2.3	
KLU	2.04	94 iP	11	03.43	-1.3	
HIN	2.21	124 iP	11	05.22	-1.8	
SVW	2.69	260 eP	11	11.87	-2.1	
SGAM	2.69	114 eP	11	11.42	-2.5	
PDB	2.75	228 eP	11	13.03	-1.7	
TTA	3.00	297 eP	11	16.50	-2.0	
FBA	3.40	17 eP	11	22.50	-1.5	
BALM	3.82	96 eP	11	27.88	-2.3	
YAH	4.31	104 eP	11	34.30	-2.8	
IMA	4.66	342 eP	11	39.50	-2.5	
INK	9.65	40 eP	12	48.00	-3.2	
	37 obs. associated					

% FEB 10, 1985 13h 12m 08.27± 0.52s
46.543 N ± 8.1km 2.940 E ± 6.3km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.6 (LDG)

BGF	0.07	283 Pg	12	10.80	0.2	
AVF	0.38	49 Pg	12	15.60	-0.4	
		Sg	12	20.80		
MZF	0.41	217 Pg	12	16.00	-0.6	
		Sg	12	21.10		
TCF	0.57	244 Pg	12	19.10	-0.7	
		Sg	12	26.40		
SMF	0.63	80 Pg	12	20.00	-0.9	
SSF	0.65	37 Pg	12	21.10	-0.2	
		Sg	12	29.90		
LBF	0.84	58 Pg	12	24.40	-0.1	
		Sg	12	35.20		
LOR	0.96	41 Pg	12	27.60	1.0	
		Sg	12	39.60		
LSF	1.02	254 Pg	12	27.30	-0.2	
		Sg	12	40.20		
CAF	1.73	201 Pg	12	40.00	1.4	
		Sg	13	01.60		
	S.D. = 0.9	on 10 of 10 obs.				

FEB 10, 1985 13h 53m 43.21± 0.69s
63.534 N ± 5.7km 149.110 W ± 9.4km
DEPTH = 83.0 ± 28.3 km
CENTRAL ALASKA (1)

FBA	1.49	22 eP	54	08.50	-0.4	
PME	1.91	179 eP	54	14.50	0.0	
PWA	1.92	191 eP	54	14.50	-0.2	
PMS	2.31	185 eP	54	20.70	0.7	
TTA	3.19	262 eP	54	31.60	-0.5	
IMA	3.21	325 eP	54	33.10	0.6	
KDC	6.04	197 eP	55	11.40	-0.3	
INK	7.96	46 eP	55	38.00	0.0	
	S.D. = 0.6	on 8 of 8 obs.				

& FEB 10, 1985 13h 59m 06.00s
33.880 N 116.280 W
DEPTH = 1.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.6 (PAS). Felt in the Thousond Palms-Indio oreo.

TPC	0.30	40 iPc	59	11.70	-0.2	
HAY	0.56	108 iPc	59	16.80	-0.4	
SDW	0.98	318 iP	59	24.50	-1.0	
SLBC	1.21	224 iP	59	27.90	-1.4	
		eS	59	44.00		
CPE	1.21	215 iPc	59	27.80	-1.6	
GLA	1.47	124 eP	59	31.50	-2.2	
CBX	1.59	192 iPd	59	35.30	-0.1	
		S	59	56.70		
VPEM	2.42	329 eP	59	45.30	-2.2	
WKTM	2.61	318 eP	59	47.70	-2.4	
EUR	5.60	2 iP	00	32.50	-0.2	
	10 obs. associated					

FEB 10, 1985 14h 27m 44.25± 0.66s
1.558 S ± 5.1km 77.668 W ± 8.5km
DEPTH = 194.3 ± 6.8 km
4.6mb (7 obs.)
ECUADOR (107)

QUT	1.53	332 P	28	17.50	-0.9	
		(S)	28	30.10		
PSO	2.75	7 eP	28	31.50	0.0	
BOG	7.12	30 eP	29	28.00	0.8	
		eS	30	40.00		
SDV	12.52	34 iPd	30	37.30	0.1	
	0.4s	24.70nm		5.0mb		
TOV	13.73	35 eP	30	52.50	0.2	
ARE	16.01	158 iPd	31	21.50	0.8	
CAR	16.06	41 eP	31	21.40	0.3	
	1.3s	307.69nm		5.6mb		
ZOBO	17.38	148 eP	31	36.00	-1.1	
	1.0s	8.25nm		4.1mb		
LPB	17.61	148 P	31	39.30	-0.2	
	1.0s	40.00nm		4.8mb		
		S	34	53.00		
CNCB	17.90	148 iP	31	42.00	-0.8	
TPZ	21.62	157 iPd	32	35.00	14.8X	
YJA	23.66	151 ePd	32	41.20	1.2	
ATB	25.48	94 Pd	32	55.60	-0.8	
SLA	25.86	154 ePc	33	01.00	1.0	
PEL	32.10	169 eP	33	55.00	-0.1	
ITR	39.71	102 iPc	34	59.20	-0.3	
RLO	40.87	338 iP	35	08.50	-0.2	
TUL	40.93	337 eP	35	09.50	0.3	
	0.8s	10.40nm		4.4mb		
ALQ	45.22	326 eP	35	45.00	1.0	
	0.8s	5.04nm		4.0mb		
RSSD	51.22	336 eP	36	31.10	0.9	
YKC	69.64	343 eP	38	33.00	-1.1	
YKA	69.69	343 eP	38	33.90	-0.5	
KIC	73.22	83 iPc	38	55.80	-0.5	
INK	79.41	342 eP	39	30.00	0.2	
MBC	81.23	351 eP	39	39.00	-0.2	
SPA	88.45	180 eP	40	17.20	1.7	
	1.0s	12.50nm		4.8mb		
STK	130.11	225 ePdiff	43	37.00	14.3X	
CN2	133.18	337 ePdiff	43	48.20	12.2X	
SNY	135.58	337 Pdiffc	43	34.30	-12.4X	
KLG	143.04	208 ePKP	46	53.00	-4.1X	
MUN	144.15	200 ePKP	46	57.00	-1.9	
KKN	149.23	31 ePKP	47	12.80	5.2X	
	0.6s	19.00nm				
DMN	149.29	31 ePKP	47	13.00	5.2X	
	0.4s	13.00nm				
PKI	149.47	31 ePKP	47	13.20	5.1X	
	0.4s	5.00nm				
GBA	152.62	63 PKPd	47	20.40	7.8X	
	1.0s	8.80nm				
	S.D. = 0.9	on 26 of 35 obs.				

% FEB 10, 1985 14h 30m 24.30± 0.69s
15.027 N ± 7.0km 61.178 W ±13.7km
DEPTH = 10.0km (geophysicist)
LEEWARD ISLANDS (92)

FDF	0.29	175 iPd	30	30.53	0.1	
		S	30	34.90		
MDN	0.36	323 eP	30	31.80	0.1	
CRM	0.37	137 eP	30	32.34	0.4	
		S	30	38.50		
BIM	0.52	168 eP	30	34.78	0.0	
		S	30	42.40		
MVM	0.54	150 iPd	30	34.90	-0.4	
		S	30	42.70		
MGG	0.90	351 eP	30	41.30	-0.2	
		S	30	53.20		
	S.D. = 0.3	on 6 of 6 obs.				

• FEB 10, 1985 14h 36m 22.22± 1.14s
3.952 N ± 4.8km 126.513 E ± 9.3km
DEPTH = 81.0 ± 10.2 km
4.8mb (11 obs.)
TALAUD ISLANDS (263)

MNI	3.00	214 ePc	37	08.40	-0.1	
		eS	38	11.50		
CGP	4.82	338 eP	37	34.50	0.6	
		eS	38	05.00		
MTN	17.31	165 eP	40	14.00	-6.1X	
KGM	23.24	266 eP	41	24.00	0.8	
WRA	24.96	162 Pc	41	38.30	-1.5	
	0.5s	13.90nm		4.6mb		
WB2	24.96	162 eP	41	36.20	-3.6X	
		i	41	39.00		
		ePcP	44	32.30		
		eS	46	10.30		
LOE	27.73	301 eP	42	04.00	-1.2	
WHN	28.84	338 P	42	15.50	0.5	
WBN	29.91	180 eP	42	24.00	-0.7	
CHG	30.72	301 eP	42	32.50	0.6	
CHTO	30.72	301 eP	42	32.10	0.2	
	0.8s	3.11nm		4.1mb		
MEK	31.35	194 iPd	42	36.40	-0.9	
	0.8s	46.00nm		5.3mb		
TIA	33.25	346 eP	42	53.20	-0.6	
XAN	34.12	333 P	43	00.00	-1.4	
CD2	34.34	324 eP	43	03.10	-0.2	
KLG	34.88	188 eP	43	07.00	-0.8	
TIY	35.99	341 eP	43	16.60	-0.6	
MUN	37.05	195 iPc	43	25.90	-0.2	
BJI	37.12	347 eP	43	26.00	-0.6	
NWAO	37.72	193 eP	43	32.00	0.3	
	0.6s	10.00nm		4.9mb		
LZH	38.20	330 Pc	43	36.00	0.0	
SHL	39.57	306 iP	43	47.40	-0.1	
ADE	40.38	164 iPd	43	54.60	0.8	
	0.7s	28.77nm		5.3mb		
GTA	42.80	329 Pc	44	14.60	0.9	
YOU	43.26	153 iPd	44	18.00	0.6	
CAN	44.40	153 iPd	44	27.50	0.8	
WAM	45.09	154 iPd	44	33.20	1.2	
PKI	45.66	305 eP	44	36.80	-0.4	
	0.8s	4.00nm		4.3mb		
KKN	45.86	306 eP	44	38.60	0.0	
	0.6s	6.00nm		4.7mb		
DMN	45.93	305 eP	44	39.20	0.0	
	0.8s	10.00nm		4.8mb		
HYB	48.84	290 eP	45	02.00	0.2	
KOD	49.02	280 eP	45	04.00	0.4	
GBA	49.35	284 Pd	45	05.70	0.0	
	0.7s	18.20nm		5.2mb		
MHI	69.21	307 iPd	47	23.20	0.6	
SOD	90.18	338 eP	49	12.00	-2.5	

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KJF     90.30 334 eP     49 16.00    0.9
SUF     91.26 333 iP     49 19.60    0.1
        0.7s      6.00nm          5.0mb
NUR     92.41 331 iP     49 25.80    1.0
JOS     97.56 320 eP     49 50.00    1.4
NB2     98.49 334 P      49 52.40   -0.3
        0.7s      1.90nm          4.7mb
TCA    150.82 160 ePKPc  56 09.00    7.4X
     S.D. = 0.9  on  38 of  41 obs.

   FEB  10, 1985  15h 32m 21.25± 0.50s
   38.475 N ± 4.3km   25.366 E ± 3.6km
   DEPTH =  17.8 ±  3.7 km
   4.4mb ( 10 obs.)
 AEGEAN SEA                          (365)
      ML 4.2 (ATH).

PRK      1.05  42 iPbc   32 41.50    1.0
                 eSb    32 57.50
ATH      1.39 249 iPnd   32 45.20   -0.6
                 iSn    33 03.20
EZN      1.54  29 iPn    32 47.40   -0.5
PAIG     1.95 318 ePb    32 54.20    0.3
                 eSn    33 25.70
OUR      2.14 330 ePb    32 56.90    0.2
TTK      2.45  57 iPn    33 01.60    0.6
KGT      2.48  37 iPn    33 01.10   -0.3
EDC      2.69  45 iPn    33 03.40   -1.1
BNT      2.73  46 iPn    33 05.00    0.0
LIT      2.76 307 ePbc   33 05.70    0.2
                 eSn    33 44.50
DST      2.78  65 iPn    33 05.60   -0.2
SOH      2.81 327 ePb    33 06.70    0.5
                 eSn    33 46.50
THE      2.84 320 ePnc   33 06.40   -0.2
KCT      2.92  52 iPn    33 07.10   -0.6
SRS      2.97 333 ePbd   33 08.60    0.2
                 eSb    33 56.80
KDZ      3.16 360 iPc    33 11.00   -0.2
NPS      3.21 176 ePn    33 10.50   -1.4
KNT      3.29 325 ePb    33 13.80    0.8
KZN      3.33 304 ePn    33 13.80    0.1
MMB      3.36 339 iPc    33 13.00   -0.9
GRG      3.37 318 ePb    33 15.10    1.0
                 eSn    33 59.90
VAY      3.56 324 iPn    33 17.50    0.6
                 i      33 30.50
DIM      3.57   3 iPd    33 17.00    0.1
PLD      3.66 352 eP     33 19.00    0.8
YLV      3.74  55 ePn    33 21.10    1.7
VLS      3.77 267 ePn    33 21.00    1.2
DMK      3 81  28 iPn    33 19.90   -0.5
ISK      3.85  47 iPn    33 21.10    0.3
ELL      4.00 114 eP     33 24.80    1.7
JMB      4.09  13 eP     33 24.00   -0.3
GPA      4.24  63 ePn    33 26.90    0.4
BCK      4.25 102 iPn    33 27.40    0.7
OHR      4.39 308 ePn    33 30.70    2.0
VTS      4.44 339 iPd    33 30.00    0.8
PVL      4.67 358 iPd    33 31.00   -1.6
PSN      5.62  21 iPd    33 44.00   -1.9
CMP      6.79 358 ePc    34 00.00   -2.5
CLO      6.87 345 ePd    34 01.00   -2.5
COZ      6.88 354 ePd    34 03.00   -0.9
MLR      7.03   3 iPd    34 05.00   -0.9
CVO      7.37   4 eP     34 10.00   -0.5
DEV      7.63 347 ePc    34 04.50   -9.6X
JOS     10.61 342 e(P)   34 54.00   -1.4
TRI     11 24 314 eP     35 06.10    2.1
KBA     12.31 318 eP     35 22.00    3.3X
        1.0s     15.50nm          5.2mb
                 i      35 35.50
KHC     13.62 325 iPd    35 40.50    4.7X
        1.2s     15.00nm          4.8mb
SMF     17.80 304 eP     36 28.70   -0.8
        1.0s     10.80nm          3.9mb
LBF     17.83 305 eP     36 34.20    4.3X
        1.1s     13.50nm          4.0mb
LOR     18 00 306 eP     36 37.30    5.2X
AVF     18.16 304 eP     36 29.40   -4.6X
TCF     18.76 302 eP     36 34.90   -6.5X
NUR     22.06 359 eP     37 19.00    2.5
NB2     24.26 343 P      37 38.50    0.4
        0.7s      4.80nm          4.2mb
SUF     24.28   1 iP     37 38.90    0.8
        0.7s      3.20nm          4.0mb
KJF     25.80   2 eP     37 53.00    0.4

BNG     34.45 192 iPc    39 08.80   -1.2
        0.7s      9.00nm          4.8mb
BCAO    34.45 192 eP     39 08.40   -1.6
        0.7s      2.22nm          4.2mb
KIC     42.00 228 eP     40 12.00   -1.2
DMN     50.46  84 eP     41 22.40    2.1
KKN     50.51  83 eP     41 20.60   -0.1
        0.7s      6.00nm          4.7mb
PKI     50.71  84 eP     41 22.10   -0.3
        0.7s      3.00nm          4.4mb
VSG    129.84  67 ePdiff48 09.00 -10.9X
     S.D. = 1.2  on  54 of  62 obs.

?  FEB  10, 1985  15h 37m 03.40± 3.64s
   34.679 S ±33.5km   69.779 W ±10.0km
   DEPTH =  33.0km  (normal)
  CHILE-ARGENTINA BORDER REGION    (127)

CHCH     1.04 316 iPd    37 25.50    3.8X
PCH      1.22 330 iPc    37 26.00    1.7
                 iS     37 38.00
TACH     1.40 316 iPc    37 27.50    0.6
                 iS     37 42.20
FCH      1.41 342 iPd    37 28.20    0.9
                 iS     37 45.20
BACH     1.45 336 iPd    37 28.50    0.9
                 iS     37 44.00
LNV      1.53 298 iPd    37 28.20   -0.5
                 iS     37 45.20
PEL      1.71 334 iPd    37 30.70   -0.6
                 iS     37 47.20
MDZ      1.95  24 eP     37 36.40    1.5
                 i(S)   37 55.30
ROCH     1.99 329 iPc    37 33.40   -2.2
                 iS     37 52.20
RTCV     3.00  21 ePc    37 49.00   -0.7
                 S      38 21.00
RTLL     3.52  19 ePc    37 55.20   -1.9
                 S      38 32.00
TCA      5.48  54 iPd    38 25.40    0.4
                 S      39 25.90
     S.D. = 1.5  on  11 of  12 obs.

   FEB  10, 1985  15h 43m 06.37± 0.76s
   38.537 N ± 7.6km   25.403 E ± 4.4km
   DEPTH =  15.1 ±  4.3 km
   3.8mb (  1 obs.)
 AEGEAN SEA                          (365)
      ML 3.6 (ATH).

PRK      0.98  43 ePb    43 26.00    1.5
                 eSb    43 41.80
ATH      1.44 248 ePgc   43 31.60   -0.2
                 eSn    43 48.00
PAIG     1.93 317 ePn    43 38.80   -0.1
OUR      2.11 329 ePn    43 41.40    0.0
TTK      2.39  58 ePn    43 47.00    1.4
EDC      2.63  46 ePn    43 48.40   -0.5
BNT      2.66  46 iPn    43 49.60    0.1
DST      2.73  66 ePn    43 50.60    0.2
LIT      2.75 306 ePnc   43 50.20   -0.5
                 eSn    44 38.60
SOH      2.78 326 ePn    43 51.60    0.5
                 eSn    44 40.30
KCT      2.86  52 ePn    43 57.10    4.9X
SRS      2.93 332 ePn    43 53.70    0.5
                 eSn    44 48.30
KDZ      3.10 359 iP     43 56.00    0.4
KNT      3.25 324 ePn    43 58.80    1.0
NPS      3.27 177 ePn    43 55.00   -3.1X
MMB      3.31 338 iPd    43 08.00  -50.6X
KZN      3.32 303 ePn    43 58.50   -0.4
DIM      3.51   2 iP     44 01.00   -0.3
VAY      3.53 323 ePn    44 02.60    0.9
PLD      3.60 352 eP     44 12.00    9.2X
DMK      3.74  28 ePn    44 02.50   -2.3
ISK      3.78  47 iP     44 17.10   11.8X
VLS      3.80 266 ePb    44 12.00    6.4X
JMB      4.03  13 eP     44 17.00    8.3X
GPA      4.18  64 ePn    44 26.90   15.9X
BCK      4.23 103 ePn    44 11.90    0.1
VTS      4.39 338 iP     44 15.00    1.1
PVL      4.61 358 eP     44 16.00   -1.0
CLO      6.81 344 eP     44 56.00    7.9X
MLR      6.96   3 eP     44 50.00   -0.3
NB2     24.21 343 P      48 23.10    0.1
        0.9s      2.70nm          3.8mb

     S.D. = 0.9  on  22 of  31 obs.

%  FEB  10, 1985  16h 31m 46.68± 0.87s
   46.487 N ±11.1km    2.969 E ± 7.3km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                              (538)

BGF      0.11 310 Pg     31 49.60    0.1
                 Sg     31 51.50
MZF      0.38 225 Pg     31 54.60    0.1
                 Sg     31 59.90
TCF      0.56 250 Pg     31 57.90   -0.2
                 Sg     32 05.20
SMF      0.62  75 Pg     31 59.20    0.0
LSF      1.02 257 Pg     32 06.10    0.0
                 Sg     32 19.20
     S.D. = 0.2  on   5 of   5 obs.

*  FEB  10, 1985  16h 35m 43.12± 1.05s
   16.269 N ±12.0km   94.516 W ± 8.9km
   DEPTH =  28.3 ±  7.4 km
   5.1mb (  8 obs.)
 OAXACA, MEXICO                      ( 60)

OXX      2.26 291 iPd    36 20.70    1.1
                 iS     36 43.60
OAX      2.28 289 iP     36 20.70    0.9
                 iS     36 43.80
VHO      2.33 295 iP     36 20.50    0.0
PIO      3.47 273 iP     36 35.00   -1.5
LJX      4.11 323 eP     36 43.70   -2.2
                 iS     37 26.00
IIT      4.53 308 eP     36 52.50    0.6
                 i      37 30.00
TPM      5.11 303 iP     37 00.50    0.6
III      5.17 295 iP     37 00.50   -0.4
IIP      5.19 307 iP     37 02.10    0.8
TLX      5.29 316 eP     37 03.10    0.6
UNM      5.39 305 eP     37 03.50   -0.5
IIC      5.70 308 iP     37 08.50    0.1
                 i      38 03.50
CRX      5.82 303 eP     37 10.70    0.5
ATX     14.31 348 iP     39 07.00    1.1
                 S      41 32.00
JCT     14.95 342 eP     39 14.80    0.5
PRST    15.61 360 iP     39 22.00   -0.9
                 S      41 58.00
NSLM    15.64 359 iP     39 24.00    0.8
                 S      42 00.00
TUL     19.60 357 eP     40 11.90   -0.2
        1.0s    103.60nm          5.1mb
                 e      40 27.50
                 e      40 39.80
RLO     19.82 359 eP     40 13.00   -1.5
ALO     21.45 332 eP     40 29.50   -2.1
        0.9s      9.45nm          4.2mb
                 e      40 45.30
GOL     25.19 340 eP     41 10.00    1.8
BDW     29.39 337 e(P)   41 48.10    1.7
YKC     48.25 348 eP     44 20.00   -3.2X
YKA     48.29 348 eP     44 21.10   -2.4
FRB     50.70  15 eP     44 38.00   -3.9X
LPF     80.37  43 eP     47 53.20   -0.2
        1.2s     38.50nm          5.3mb
GRR     80.40  42 eP     47 53.60    0.0
        1.1s     28.10nm          5.2mb
FLN     80.56  42 eP     47 54.60    0.2
LDF     80.83  42 eP     47 56.10    0.3
MZF     83.23  44 eP     48 09.00    0.6
BGF     83.31  44 eP     48 09.00    0.2
        0.8s     11.10nm          5.1mb
NB2     83.31  28 P      48 08.30   -0.2
        1.1s      3.20nm          4.4mb
AVF     83.57  43 eP     48 10.00   -0.1
        0.9s      9.20nm          4.9mb
LOR     83.77  43 eP     48 11.60    0.5
        1.2s     17.80nm          5.1mb
HYB    145.84  12 ePKP   55 42 40   26 7
GBA    149.27  15 PKP    55 54 00   26 8
        0.7s      2.60nm
     S.D. = 1.1  on  32 of  36 obs

*  FEB  10, 1985  17h 45m 57.66± 1.05s
    0.973 S ± 8.8km  119.842 E ± 9.7km
   DEPTH = 105.3 ± 12.7 km
   4.7mb (  4 obs.)
 MINAHASSA PENINSULA                 (265)
```

10d 17h

Felt (III) at Palu.

MKS	4.23	185	iPc	47 02.00	0.9
MNI	5.54	64	eP	47 34.90	15.7X
KKM	7.86	333	ePc	47 51.00	0.0
AAI	8.77	108	e(P)	48 02.60	-0.7
PSI	21.23	280	eP	50 35.00	-1.7
WRA	23.60	144	Fc	50 59.60	-0.3
	1.0s		56.90nm	4.9mb	
WB2	23.60	144	eP	51 00.20	0.2
BJI	40.95	356	eP	53 32.00	0.6
PKI	43.59	313	eP	53 54.10	0.6
	1.0s		10.00nm	4.6mb	
KKN	43.81	313	eP	53 54.90	-0.3
	0.5s		7.00nm	4.7mb	
DMN	43.83	313	eP	53 55.60	0.2
GBA	44.45	291	Pc	53 59.80	-0.4
	1.0s		7.30nm	4.4mb	
HYB	44.58	296	eP	54 01.50	0.2
MHI	67.07	310	iPd	56 42.80	0.7
	S.D. = 0.8		on 13 of 14 obs.		

FEB 10, 1985 18h 15m 06.54± 0.78s
43.287 N ± 7.8km 20.859 E ± 7.6km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.1 (TTG).

IVA	0.82	249	ePg	15 21.00	-1.4
			eSg	15 31.50	
PVY	0.95	224	ePg	15 24.00	-0.7
			eSg	15 38.00	
SKO	1.38	162	iPn	15 30.00	-1.9
			iSn	15 48.50	
TTG	1 45	234	ePg	15 34.50	1.7
			eSg	15 52.00	
BEO	1.56	349	ePn	15 34.90	0.6
			iSg	15 56.80	
VTS	1.85	111	iP	15 38.00	-0.5
OHR	2.17	181	ePn	15 45.00	1.7
CLO	2.27	37	iPd	15 44.00	-0.6
VAY	2 34	147	ePn	15 46.00	0.4
MMB	2.72	128	eP	15 52.00	0.9
			iS	16 32.00	
KDZ	3.71	115	iP	16 19.00	13.9X
	S.D. = 1.4		on 10 of 11 obs.		

FEB 10, 1985 19h 16m 10.46± 0.92s
38.416 N ± 9.2km 21.397 E ± 7.9km
DEPTH = 15.0 ± 5.7 km
3.8mb (1 obs.)
GREECE (364)

VLS	0.68	250	ePgc	16 23.50	0.0
ATH	1.88	103	ePn	16 43.20	0.9
			eSg	17 12.50	
LIT	1.88	26	ePbc	16 42.10	-0.3
			eSb	17 07.60	
KZN	1.91	9	ePbc	16 43.00	0.2
			eSg	17 10.00	
PAIG	2.33	49	ePn	16 47.60	-1.2
GRG	2.65	17	ePn	16 53.00	-0.4
OHR	2.73	359	ePn	16 55.40	0.8
OUR	2.77	45	ePn	16 55.60	0.6
KNT	2.98	22	ePn	16 57.60	-0.3
			eSn	17 35.10	
VAY	3.04	17	ePn	16 58.60	-0.2
SRS	3.18	31	ePn	17 00.60	-0 3
SKO	3.55	1	ePn	17 08.50	2 4
VTS	4.40	18	eP	17 18.00	-0 1
KDZ	4.42	42	eP	17 19.00	0.5
NB2	23.53	348	P	21 18.70	-1.8
	0.8s		2 40nm	3.8mb	
	S.D. = 1.1		on 15 of 15 obs.		

& FEB 10, 1985 19h 17m 54.70s
31.870 N 116.090 W
DEPTH = 6.0km (geophysicist)
BAJA CALIFORNIA (48)
<PAS-P>. ML 3.5 (PAS).

ENX	0.49	272	iPd	18 03.86	-0.7
			S	18 11.75	
PBX	0.55	256	iPd	18 04.78	-0.9
			S	18 13.28	
CBX	0.66	312	iPc	18 07.14	-0.7
			S	18 17.17	
IKP	0.78	359	iPc	18 09.30	-0.9
			eS	18 20.10	
CPBX	0.86	50	iPd	18 10.52	-1.1
			S	18 23.63	
CPE	1.32	320	eP	18 17.90	-1.6
SLBC	1.51	319	eP	18 21.30	-0.9
			eS	18 41.70	
GLA	1.59	42	eP	18 20.50	-3.0
SDW	2.85	343	eP	18 45.00	3.3
	9 obs. associated				

FEB 10, 1985 19h 41m 02.02± 0.43s
29.430 N ± 6.1km 142.047 E ± 8.1km
DEPTH = 40.7km (2 depth phases)
4.7mb (8 obs.)
SOUTH OF HONSHU, JAPAN (211)

CBI	2.33	177	eP	41 39.00	0.2
			eS	42 36.00	
MAT	7.79	337	iPc	42 54.30	-1.4
	0.7s		47.95nm	5.6mb X	
			eS	44 20.00	
MDJ	18.09	330	eP	45 11.20	-0.6
NJ2	20.10	283	eP	45 35.00	0.0
BAG	23.59	241	eP	46 12.00	1.8
BJI	23.67	303	P	46 10.50	-0.1
WHN	24.00	280	eP	46 14.50	0.7
TIY	25.94	296	eP	46 33.20	0.8
BTO	28.35	302	eP	46 54.40	0.0
XAN	28.47	288	eP	46 54.20	-1.2
GYA	31.33	273	P	47 20.20	-0.8
CD2	33.03	282	eP	47 35.50	-0.2
GTA	35.95	298	P	48 00.00	-0.8
LOE	38.70	261	eP	48 23.00	-1.0
CHTO	40.53	265	iP	48 39.80	0.7
	0.9s		8.31nm	4.5mb	
MTN	43.33	196	eP	49 01.00	-0.9
WMQ	45.15	304	eP	49 17.50	1.0
PSI	48.79	245	ePc	49 45.70	0.5
PKI	49.39	282	eP	49 50.50	0.3
	1.1s		12.00nm	4.8mb	
KKN	49.44	283	eP	49 51.10	0.7
	1.0s		18.00nm	5.1mb	
DMN	49.64	283	eP	49 52.80	0.8
WB2	49.64	190	eP	49 49.70	-2.0
WRA	49.65	190	Pd	49 50.30	-1.4
	0.6s		21.00nm	5.3mb	
INK	60.98	25	eP	51 11.00	-2.1
GBA	61.45	270	Pd	51 16.80	-0.3
	0.9s		7.40nm	4.8mb	
KOD	62.94	267	eP	51 28.00	0.6
KLG	63.01	200	eP	51 26.00	-1.1
YOU	63.65	174	eP	51 31.40	0.2
CAN	64.74	174	eP	51 41.20	2.9
WAM	65.59	174	eP	51 43.10	-0.6
NWAO	66.33	203	eP	51 48.00	-0.6
MHI	67.70	300	eP	52 01.00	3.5X
YKA	70.16	29	eP	52 12.50	0.5
SOD	72.19	338	eP	52 28.00	3.8X
KJF	73.61	335	iP	52 33.60	1.1
			i	52 45.80	41km
EDM	75.03	37	eP	52 40.00	-1.0
SUF	75.03	335	P	52 41.10	0.3
	0.6s		3.10nm	4.5mb	
NUR	76.93	333	eP	52 52.00	0.5
			e	53 04.00	40km
EUR	80.25	50	iP	53 12.60	2.2
	0.8s		4.13nm	4.5mb	
NB2	81.41	338	P	53 14.80	-1.0
	0.8s		5.90nm	4.6mb	
FRB	84.04	13	eP	53 31.00	1.8
LPB	149.52	72	ePKP	00 51 00	6.1X
CNCB	149.76	72	PKP	00 51.00	5.5X
	S.D. = 1.1		on 39 of 43 obs.		

FEB 10, 1985 20h 29m 30.64± 0.46s
45.858 N ± 5.7km 119.644 W ± 3.7km
DEPTH = 5.0km (geophysicist)
WASHINGTON-OREGON BORDER REGION (28)
ML 3.7 (NEIS). Felt (IV) at Hermiston, Oregon. Also felt at Boardman, Oregon.

MFW	0.87	87	P	29 48.20	0.4
LON	1.75	302	P	30 02.70	0.9
SHW	1.84	281	P	30 02.80	-0.4
BFW	2.56	286	P	30 13.20	-0.3
NEW	2.96	35	P	30 18.00	-1.2
PNT	3.46	0	eP	30 47.00	20.7X
LHD	3.68	48	eP	30 29.60	0.1
			iS	31 28.30	
CLX	3.88	51	eP	30 32.70	0.3
			iS	31 34.70	
LDM	3.93	47	iPc	30 33.40	0.4
			iS	31 35.40	
YKM	4.02	40	eP	30 34.70	0.3
			iS	31 38.70	
RXF	4.30	44	iPc	30 38.50	0.2
			eS	31 46.70	
LRM	5.03	88	ePn	30 48.00	-0.7
HPI	5.13	112	P	30 50.00	-0.3
LCCM	5.43	87	ePn	30 54.70	0.4
HRY	5.48	78	ePn	30 54.90	-0.2
BMN	5.71	161	eP	30 58.50	0.2
EUR	6.92	156	iP	31 21.50	6.1X
	0.2s		1.40nm	4.8mb X	
EDM	8.43	27	eP	32 09.50	33.2X
YKA	16.92	8	eP	33 31.90	2.5X
	S.D. = 0.6		on 15 of 19 obs.		

& FEB 10, 1985 21h 14m 26.58s
61.868 N 150.992 W
DEPTH = 66.4km
SOUTHERN ALASKA (2)
<AGS-P>.

SKT	0.28	294	iP	14 37.05	-0.4
			iS	14 45.33	
SUA	0.42	164	iP	14 38.41	-0.3
			iS	14 47.69	
PWA	0.57	112	iP	14 39.90	-0.1
			iS	14 49.80	
SPU	0.86	217	iP	14 42.52	-0.9
PMS	0.93	132	eP	14 43.57	-0.7
			iS	14 57.98	
PME	0.96	104	eP	14 44.33	-0.3
NKA	1.14	186	eP	14 48.50	1.6
SML	1.26	92	eP	14 48.12	-0.6
KNK	1.29	110	iP	14 48.65	-0.4
PTE	1.38	136	eP	14 49.25	-1.0
SLKM	1.42	164	iP	14 49.74	-1.0
RDT	1.47	208	eP	14 50.74	-0.7
MPA	1.59	150	eP	14 52.20	-0.9
PWL	1.63	127	eP	14 52.23	-1.4
CFI	1.69	113	iP	14 53.51	-0.9
SCM	1.74	90	eP	14 54.56	-0.6
NNL	1.84	185	eP	14 57.15	0.7
ILM	1.91	208	eP	14 56.73	-0.8
SEW	1.92	156	eP	14 57.30	-0.3
BRLK	2.11	179	eP	15 00.40	0.1
SVW	2.35	253	eP	15 01.76	-1.9
VLZ	2.35	106	eP	15 01.65	-2.0
KLU	2.45	97	eP	15 03.67	-1.4
HIN	2.63	122	eP	15 05.28	-2.3
	24 obs. associated				

FEB 10, 1985 21h 37m 46.66± 0.71s
18.733 N ± 5.8km 102.899 W ± 4.8km
DEPTH = 89.4 ± 5.3 km
5.0mb (18 obs.)
MICHOACAN, MEXICO (57)
Felt at Colima.

MNZ	1.39	283	iP	38 05.00	-6.4X
			iS	38 25.00	
CRX	3.12	77	eP	38 35.60	0.6
			iS	39 28.20	
III	3.27	96	eP	38 36.80	-0.2
MEX	3.56	80	eP	38 41.00	-0.1
IIM	3.57	80	iP	38 41.50	0.4
			i	39 35.50	
UNM	3.56	80	eP	38 42.00	0.9
			iS	39 32.00	
IIC	3.59	73	iP	38 41.00	-0.5
TPM	3.64	85	iP	38 41.00	-1.1
			i	39 20.00	
IIP	3.82	80	eP	38 46.20	1.6
IIT	4.36	85	eP	38 52.00	-0.1
TLX	4.41	72	eP	38 53.60	0.8
PIO	5.11	116	iP	38 58.50	-3.8X
LJX	5.49	81	eP	39 08.30	0.3
MZX	5.53	324	iPc	38 36.70	-31.4X
VHO	6.05	103	iP	39 14.50	-1.1
			iS	40 22.00	

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OXX      6.10 105 eP     39 14.50  -1.8
COM     10.57 102 eP     40 16.50  -0.7
LTX     10.58 356 P      40 18.40   1.2
JCT     12.03  13 eP     40 38.00   1.6
         1.5s   208.33nm          5.7mb
ATX     12.40  21 iP     40 45.00   3.7X
                S        43 10.00
HKT     12.88  29 iP     40 48.00   0.4
NSLM    15.00  27 iP     41 20.00   4.9X
PRST    15.13  28 iP     41 20.00   3.3X
ALQ     16.45 350 eP     41 34.20   0.6
         1.0s    37.00nm          4.5mb
                e        41 50.50
BHO     17.15  23 iPd    41 43.10   1.1
                e        42 00.00
GLA     17.82 325 eP     41 50.00  -0.4
TUL     18.23  19 iPd    41 54.50  -0.7
         1.0s   251.00nm          5.4mb
      Z  22s     1.68um          4.8Msz
      N  17s     1.98um
      E  17s     0.67um
                e        42 05.00
                eS       45 23.00
RLO     18.71  20 iPd    41 59.30  -1.6
                e        42 12.00
PLM     19.19 322 eP     42 06.00  -0.3
TPC     19.28 325 eP     42 06.00  -1.1
                e        48 32.00
RVR     19.94 322 eP     42 14.00   0.1
MWC     20.51 322 eP     42 20.00   0.1
PAS     20.52 321 eP     42 20.00   0.2
GSC     20.60 326 eP     42 21.00   0.3
SBB     20.70 323 eP     42 21.00  -0.8
MSU     21.30 340 P      42 28.00   0.0
CLC     21.41 326 eP     42 28.00  -0.8
ISA     21.77 324 eP     42 33.00   0.5
WKTM    21.85 324 P      42 33.50   0.2
PRI     23.37 321 eP     42 49.70   1.6
FRI     23.42 324 eP     42 48.50   0.1
EUR     23.57 334 iP     42 50.40   0.2
         1.0s    17.31nm          4.4mb
MNA     23.70 329 eP     42 52.80   1.4
LLA     23.86 322 eP     42 52.80   0.0
PRS     23.92 321 eP     42 53.90   0.6
SLD     24.34 322 P      42 57.30  -0.1
JAS1    24.49 325 eP     42 58.80   0.0
BDW     24.63 348 P      42 59.00  -1.3
ARN     24.70 322 P      43 00.80  -0.1
MHC     24.76 322 eP     43 02.00   0.5
BMN     24.89 333 P      43 02.40  -0.3
         1.0s    12 50nm          4.3mb
ORV     26.25 326 eP     43 15.90   0.7
LRM     28.15 346 ePd    43 31.80  -0.8
PSO     30.54 122 iP     43 55.50   1.1
BOG     31.45 113 eP     44 05.50   3.2X
LHC     31.61  17 eP     44 01.00  -1.9
OTT     34.86  34 eP     44 29.00  -2.1
         0.9s    33.00nm          5.3mb
                pP       44 51.00  96kmX
EDM     35.37 349 eP     44 33.50  -1.9
FFC     35.93   1 eP     44 39.00  -1.0
         0.8s    25.00nm          5.2mb
YKC     44.44 352 eP     45 49.00  -1.1
YKA     44.47 352 eP     45 49.90  -0.4
SCH     45.30  29 eP     45 56.00  -1.0
LPB     48.99 133 P      46 26.00  -0.9
                LR       04 12.00
CNCB    49.27 134 P      46 29.00  -0.1
STJ     49.76  43 eP     46 30.00  -1.9
FRB     50.66  19 eP     46 39.00   0.5
TPZ     52.11 138 eP     47 03.00  12.5X
INK     53.15 346 eP     46 56.00  -1.0
                pP       47 13.00  66kmX
ATB     54 45 108 Pc     47 06.90  -0.5
YJA     54.68 136 ePc    47 09.80   0.3
COL     54.89 338 iP     47 09.00  -1.0
         1.2s    22.66nm          5.1mb
ALE     65.71   5 eP     48 21.60  -1.8
         0.9s     9 00nm          4.7mb
ITR     69.19 107 eP     48 46.20   0.1
GRR     83.90  41 eP     50 08.50   0.7
LPF     83.92  41 eP     50 08.50   0.6
FLN     84.00  41 eP     50 09.20   0.9
         1.1s    65.40nm          5.5mb
LDF     84.29  41 eP     50 10.60   0.9
         1.1s    29.30nm          5.2mb
NB2     84.81  26 P      50 13.50   1.3

         0.7s     5.10nm          4.6mb
KEV     84.97  16 iP     50 14.00   1.2
LFF     86.21  44 eP     50 20.60   1.2
         0.8s    17.40nm          5.1mb
LSF     86.22  42 eP     50 20.30   0.9
SOD     86.51  17 iP     50 20.60   0.2
RJF     86.58  43 eP     50 22.00   0.8
         0.7s     7.20nm          4.8mb
LPO     86.61  44 eP     50 22.20   0.8
TCF     86.63  42 eP     50 22.00   0.5
         1.0s    16.70nm          5.0mb
EPF     86.68  46 eP     50 22.60   0.8
MZF     86.90  42 eP     50 22.90   0.1
         1.0s    11.10nm          4.9mb
BGF     86.93  42 eP     50 23.40   0.5
         0.9s     9.00nm          4.8mb
CAF     87.09  43 eP     50 24.30   0.6
SSF     87.14  41 eP     50 24.50   0.6
LOR     87.27  41 eP     50 24.60   0.1
LBF     87.46  41 eP     50 25.30  -0.2
UPP     88.13  26 iP     50 27.60  -0.7
KJF     89.02  19 iP     50 32.80   0.2
SUF     89.53  21 iP     50 35.10   0.1
         0.5s     4.10nm          4.9mb
NUR     90.48  23 eP     50 40.00   0.6
KIC     95.65  81 eP     51 04.20   0.2
WB2    126.19 259 ePKP    56 40.70  -0.4
                e        56 50.30
WRA    126.20 259 PKPc    56 40.70  -0.4
         0.6s     1.90nm
NDI    132.86 360 ePKP    56 54.00   0.5
HYB    144.05 358 ePKPd   57 12.00  -2.3X
         1.0s    50.00nm
SNG    145.35 316 ePKP    57 17.50   1.0
IPM    146.95 312 ePKPd   57 22.00   2.8X
KGM    146.98 306 ePKPd   57 22.00   2.8X
GBA    147.87 359 PKPd    57 19.60  -0.9
         0.8s    24.10nm
KOD    151.22 359 ePKP    57 38.00  11.9X
      S.D. = 0.9  on  94 of 106 obs.

%  FEB  10, 1985  21h 45m 45.58± 1.57s
   33.681 S ± 8.0km   71.502 W ±14.8km
   DEPTH =  31.0 ± 10.2 km
 NEAR COAST OF CENTRAL CHILE        (135)

LNV      0.28 165 iPd    45 53.00   0.1
                 iS      45 58.50
TACH     0.47  87 iPd    45 55.60  -0.1
                 iS      46 04.10
CHCH     0.75 110 iPd    45 59.80  -0.1
ROCH     0.82  30 iP     46 00.70  -0.4
                 iS      46 12.00
PCH      0.83  86 iPd    46 00.70  -0.3
                 iS      46 12.50
PEL      0.87  52 iPd    46 01.90   0.3
                 iS      46 15.00
BACH     0.91  69 iPc    46 02.40   0.2
                 iS      46 15.50
FCH      1.07  71 iPd    46 05.00   0.2
                 iS      46 20.40
JACH     1.25  38 iP     46 07.20   0.0
                 iS      46 24.50
      S.D. = 0.3  on   9 of   9 obs.

%  FEB  10, 1985  21h 59m 38.53± 0.63s
   44.062 N ± 8.7km    6.229 E ±11.5km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                             (538)
      ML 2.9 (LDG).

FRF      0.58 149 Pg     59 50.80   0.4
                 Sg      59 58.00
LRG      0.61 171 Pg     59 51.00   0.1
                 Sg      59 58.80
LMR      0.76 164 Pg     59 53.20  -0.1
                 Sg      00 04.00
CVF      2 44 127 Pn     00 18.60  -0.4
                 Sn      00 46.80
SMF      3.08 328 Pn     00 28.40   0.3
                 Sn      01 02.80
CAF      3.10 288 Pn     00 28.20  -0.3
                 Sn      01 02.40
MZF      3.36 311 Pn     00 32 00  -0.1
                 Sn      01 10.40
BGF      3.45 317 Pn     00 33.60   0.2
                 Sn      01 13 60

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

*  FEB  11, 1985  00h 02m 42.18± 0.87s
   9.025 N ± 8.2km   77.567 W ±11.1km
   DEPTH =  33.0km  (normal)
 NEAR NORTH COAST OF COLOMBIA       ( 96)

UPA      1.94 269 iPc    03 13.50   0.0
         0.7s   136.99nm
                 iS      03 46.50
BOG      5.59 141 eP     04 05.50   0.0
PCJ      8.67   3 eP     04 48.38   0.0
HOJ      8.96   5 eP     04 51.90  -0.5
STH      9.03   5 eP     04 53.85   0.5
      S.D. = 0.5  on   5 of   5 obs.

?  FEB  11, 1985  00h 11m 47.70± 3.26s
   31.218 S ±36.0km   69.598 W ±21.6km
   DEPTH = 139.7 ± 22.1 km
 SAN JUAN PROVINCE, ARGENTINA       (137)

RTLL     0.97  97 ePc    12 11.70   0.1
                 S       12 27.00
RTCV     1.11 126 ePc    12 12.00  -0.9
                 S       12 27.30
JACH     1.69 210 iP     12 19.50   0.5
                 iS      12 41.00
ROCH     2.12 214 iP     12 24.50   0.2
                 iS      12 49.00
PEL      2.13 205 iPc    12 24.40   0.1
                 iS      12 48.00
FCH      2.18 195 ePd    12 26.00   0.8
                 iS      12 51.60
BACH     2.26 199 iPd    12 26.50   0.6
                 iS      12 53.40
PCH      2.52 198 iP     12 29.30   0.2
                 iS      12 59.00
TACH     2.68 205 eP     12 30.50  -0.6
CHCH     2.85 198 iPc    12 33.40   0.0
                 i(S)    13 05.00
LNV      3.13 209 iPc    12 35.50  -1.4
                 iS      13 09.50
TCA      4.29  93 ePc    12 52.70   0.3
      S.D. = 0.7  on  12 of  12 obs.

   FEB  11, 1985  00h 13m 53.78± 0.48s
   16.644 N ± 5.2km   94.968 W ± 3.9km
   DEPTH =  90.8 ±  4.0 km
   5.2mb ( 37 obs.)
 OAXACA, MEXICO                     ( 60)
      Felt (VI) at Puebla and
      Tecamachalco, (III) at Acapulco,
      Chilpancingo and Uruapan. Felt
      at Mexico City.
      CENTROID, MOMENT TENSOR       (HRV)
      Data Used: GDSN
      L.P.S.: 11S, 20C
      Centroid Location:
      Origin Time        00:13:55.2 0.5
      Lat 16.72N 0.06 Lon  95.23W 0.05
      Dep  96.2 2.7 Half-duration  2.5
      Moment Tensor; Scale 10**24 D-CM
        Mrr=-0.80 0.13  Mtt=-2.59 0.23
        Mff= 3.39 0.25  Mrt= 2.07 0.10
        Mrf= 0.18 0.10  Mtf=-1.09 0.19
       Principal Axes:
        T  Val=  3.59  Plg= 3  Azm= 79
        N        0.49       58       345
        P       -4.08       32       171
      Best Double Couple:Mo=3.8*10**24
       NP1:Strike=210 Dip=66 Slip= -22
       NP2:        309     70      -154

CR6      1.70  79 iP     14 24.00   1.2
OAX      1.76 283 iP     14 23.60  -0.5
                 iS      14 46.00
CR5      1.78  84 iP     14 24.70   0.9
VHO      1.79 289 iP     14 22.50  -1.4
CR4      1.82  87 iP     14 25.20   1.0
CR7      1.82  71 iP     14 26.10   1.8
CR3      1.94  85 iP     14 27.40   1.6
COM      2.75  98 iP     14 35.50  -1.5
VCM      2.78 337 iP     14 39.00   1.9
                 iS      15 09.00
PIO      3.04 266 iP     14 36.00  -4.7X
IIT      3.96 307 iP     14 54.00   0.3
TPM      4.54 301 iP     15 02.00   0.3
```

11d 00h

III		4.63	293	iP	15	01.50	-1.4	SES		36.07	342	eP	20	48.00	-0.3	MEM		84.08	39	P	26	17.20	1.6
UNM		4.82	304	iP	15	06.50	0.9	RXF		36.10	337	eP	20	46.70	-1.9	WTS		84.10	37	eP	26	16.00	0.3
TAC		4.87	305	iP	15	06.50	0.2	YKM		36.31	337	eP	20	51.00	0.5			1.0s		16.00nm			4.9mb
				iS	15	52.00		NEW		36.38	335	eP	20	51.00	0.0					e	26	38.50	
IIC		5.13	308	iP	15	09.50	-0.4	PNT		38.24	334	eP	21	08.00	1.5					e	27	05.00	
MNZ		9.23	286	iP	16	06.00	-0.1			0.9s		50.00nm			5.4mb	WLF		84.48	40	P	26	18.40	0.8
				iS	17	43.00		FFC		38.39	353	ePc	21	06.80	-0.9	KEV		84.83	17	eP	26	25.00	6.0X
HKT		13.27	357	iP	16	58.00	-1.7	EDM		39.24	343	eP	21	14.00	-0.8					e	26	53.00	
				S	19	13.00				0.6s		99.00nm			5.9mb	HAU		85.15	41	iPc	26	21.40	0.3
ATX		13.86	349	iP	17	08.00	0.5	PGC		39.48	330	eP	21	23.00	6.3X			0.7s		22.90nm			5.3mb
				S	19	30.00		SCH		43.85	23	eP	21	49.00	-3.4X	BSF		85.49	41	iPc	26	23.00	0.1
JCT		14.46	343	eP	17	14.20	-1.1	TPZ		45.79	145	Pd	22	22.10	13.4X	CDF		85.59	41	eP	26	23.50	0.1
		0.8s		134.33nm			5.2mb	STJ		46.36	39	eP	22	11.50	-1.0	SOD		86.09	19	eP	26	27.00	1.6
PRST		15.24	1	iP	17	23.00	-2.2	ATB		46.63	111	Pc	22	12.60	-2.4					e	26	48.00	
				S	19	55.00		YKC		47.79	348	eP	22	22.50	-1.0	UPP		86.57	28	iP	26	28.10	0.3
NSLM		15.26	0	iP	17	25.00	-0.5			0.6s		48.00nm			5.5mb					i	26	49.60	
				S	20	00.00		YKA		47.83	348	eP	22	23.00	-0.8	LRG		86.68	46	eP	26	30.20	1.5
STH		17.39	83	eP	17	59.16	7.0X	FRB		50.45	15	ePc	22	42.40	-1.4			1.1s		63.00nm			5.6mb
HOJ		17.45	83	eP	18	00.21	7.4X	JACH		54.31	155	iPc	23	12.20	-0.9	LMR		86.82	46	iPc	26	30.60	1.2
BHO		17.66	0	eP	17	54.90	-0.5	ROCH		54.39	155	iPc	23	12.80	-1.1			0.9s		37.30nm			5.4mb
				e	18	41.00		PEL		54.67	155	iPc	23	12.00	-3.7X	FRF		86.84	45	iPc	26	30.90	1.4
				e	20	49.40		TACH		55.02	156	iP	23	17.40	-0.8			1.3s		54.90nm			5.5mb
OCO		18.94	354	ePc	18	09.20	-1.2	LNV		55.10	156	iPc	23	17.20	-1.5	ORO		87.02	43	eP	26	32.00	1.6
				i	18	19.00		PCH		55.16	155	iPc	23	18.20	-1.1	MOX		87.40	38	e(P)	26	38.00	5.9X
TUL		19.20	358	iPc-	18	11.30	-1.9	TCA		55.92	149	ePc	23	22.90	-1.9					e	26	55.00	
		0.7s		685.50nm			6.1mb	BAO		56.36	122	e(P)	23	04.00	-24.3X	CLL		87.94	37	e(P)	26	39.00	4.4X
	Z	22s		0.74um			4.8Msz	INK		57.10	344	eP	23	31.00	-1.6					e	27	31.00	
	N	22s		0.42um						0.6s		105.00nm			6.1mb	KJF		88.31	22	eP	26	35.00	-1.2
	E	22s		0.33um								pP	23	52.00	83kmX			0.8s		19.10nm			5.2mb
				e	18	15.10		GDH		58.53	16	eP	23	57.00	14.4X					i	26	58.20	
				eS	21	29.50		PMR		58.77	333	P	23	45.00	0.6	KIC		88.42	84	eP	26	38.20	0.6
RLO		19.44	360	eP	18	13.80	-2.0			1.2s		30.30nm			5.3mb	SUF		88.61	23	iP	26	38.70	1.1
PRM		20.73	31	P	18	26.00	-3.0X	SOB1		59.33	112	eP	23	49.60	0.6			0.5s		2.50nm			4.6mb
ALQ		20.92	333	eP	18	31.00	-0.1	COL		59.70	337	eP	23	49.00	-1.8	BRG		88.66	37	eP	26	38.20	0.1
		0.9s		79.83nm			5.0mb			0.8s		5.60nm			4.7mb	KHC		89.18	39	P	26	43.20	2.6
				e	18	47.00						e	24	10.00						e	27	03.80	
				e	19	02.00		ITR		61.36	110	eP	24	01.20	-1.6					e	27	36.80	
FVM		21.63	10	P	18	36.00	-2.0	ALE		67.14	4	eP	24	37.50	-1.8	CTI		89.24	42	e(P)	26	42.00	1.0
PSO		23.19	150	iP	18	56.50	2.7			0.8s		17.00nm			5.0mb	NUR		89.26	25	eP	26	42.00	1.3
BOG		23.73	118	eP	19	02.50	3.5X	DAG		70.75	14	eP	24	56.00	-5.6X					e	27	03.00	
				eS	23	10.00		TOL		80.21	51	eP	25	57.00	1.1	PRU		89.38	37	eP	26	44.00	2.5
BLA		24.19	29	P	19	00.10	-2.8					eS	36	05.00						e	27	04.50	
GLA		24.25	316	eP	19	05.00	1.4					i	41	12.00		KBA		89.89	40	iP	26	49.50	5.3X
UAV		24.56	106	eP	19	05.70	-1.2	LPF		80.39	43	iPc	25	56.30	-0.3			1.0s		21.10nm			5.3mb
GLD		24.69	341	P	19	10.00	2.1			0.9s		31.50nm			5.2mb					i	27	07.70	
GOL		24.70	341	P	19	08.00	-0.1	GRR		80.42	42	iPc	25	56.50	-0.3					i	27	17.00	
SDV		24.93	195	eP	19	08.90	-1.5			0.7s		30.50nm			5.3mb					i	27	40.40	
		0.7s		42.80nm			5.0mb	FLN		80.57	42	iPc	25	57.50	-0.1	SPA		106.54	180	e(PKP)	32	31.70	22.5X
TOV		25.42	102	eP	19	13.50	-1.3			0.8s		34.90nm			5.3mb	WMQ		119.78	358	ePKP	32	37.50	2.4X
TPC		25.70	317	eP	19	18.00	0.8	MAL		80.68	55	iPd	25	59.70	1.3	MHI		122.07	24	ePKP	32	54.00	14.3X
PLM		25.81	314	eP	19	19.00	0.6	LGR		80.74	49	eP	25	58.00	-0.6	GTA		122.55	346	ePKP	32	37.70	-2.9X
SLBC		25.89	313	eP	19	20.50	1.6	LDF		80.85	42	eP	25	58.90	-0.1	XAN		124.70	336	ePKP	32	43.50	-1.3
RVR		26.52	315	eP	19	26.00	1.3	MFF		81.34	44	iPc	26	01.40	-0.2	MTD		128.95	98	ePdiff	29	58.00	18.3X
GSC		26.92	318	eP	19	29.00	0.6			1.2s		35.70nm			5.1mb	CD2		129.41	339	ePKP	32	51.00	-3.0X
MWC		27.12	315	eP	19	32.00	1.6	LFF		82.37	45	iPc	26	07.80	0.8	NAI		130.15	77	ePKP	32	58.00	2.0
PAS		27.16	314	eP	19	51.00	20.5X			0.9s		28.50nm			5.2mb	WRA		133.20	258	PKPd	33	00.70	-0.7
SBB		27.23	316	eP	19	22.00	-9.2X	LSF		82.55	44	iPc	26	08.20	0.2			0.8s		18.80nm			
CLC		27.75	318	eP	19	36.00	0.1	EPF		82.62	47	eP	26	09.00	0.6	NDI		134.31	10	ePKP	33	03.00	-0.3
CAR		27.91	99	eP	19	35.80	-1.8			0.9s		18.00nm			5.0mb	HYB		145.56	11	ePKP	33	22.50	-1.3
ISA		28.23	317	eP	19	40.00	-0.2	LPO		82.75	46	eP	26	09.50	0.5					i	33	45.50	
CWC		28.44	318	eP	20	01.00	18.8X			0.9s		18.80nm			5.0mb	KMT		146.02	336	ePKP	33	24.10	-0.5
RSSD		28.45	346	P	19	41.30	-0.9	RJF		82.80	45	iPc	26	09.80	0.5	NWAO		146.74	235	ePKP	33	25.00	-0.3
BDW		28.88	337	P	19	46.00	-0.2			0.8s		21.60nm			5.1mb	MBL		146.81	257	ePKP	33	26.00	0.3
EUR		29.21	325	iP	19	50.00	0.8	KONO		82.95	30	eP	26	21.20	11.5X	MEK		147.39	247	ePKP	33	28.00	1.4
		0.6s		3.59nm			4.2mb X	TCF		82.99	44	iPc	26	10.50	0.2			0.6s		13.00nm			
MNA		29.74	321	eP	19	55.10	1.2	NB2		83.19	28	P	26	11.40	0.4	MUN		147.89	236	ePKP	33	27.00	-0.2
				i	20	34.50				0.7s		12.00nm			4.9mb	GBA		149.02	14	PKPd	33	28.20	-1.2
				e	30	06.00		MZF		83.26	44	iPc	26	12.10	0.5			0.9s		7.10nm			
BMN		30.56	325	P	20	02.00	1.0			1.0s		37.70nm			5.3mb	NAU		150.74	254	ePKP	33	36.00	4.2X
JAS1		30.82	318	eP	20	02.60	-0.6	CAF		83.28	45	iPc	26	12.10	0.3			0.6s		6.00nm			
				i	20	21.90				0.7s		11.40nm			4.9mb	KOD		152.27	16	ePKP	33	40.20	5.5X
BKS		31.97	317	i(P)	20	32.00	18.8X	BGF		83.33	43	iPc	26	12.50	0.5		S.D. = 1.2			on 135 of 166 obs.			
	Z	20s		2.10um			4.8Msz			0.8s		32.80nm			5.3mb								
	N	20s		2.00um				DOU		83.39	40	Pd	26	12.70	0.6	%	FEB 11, 1985 01h 07m 45.10± 1.05s						
	E	20s		2.30um				AVF		83.60	43	iPc	26	13.60	0.3		33.960 S ±11.1km 71.138 W ± 7.9km						
				i	20	34.70				1.0s		19.50nm			5.0mb		DEPTH = 33.0km (normal)						
				e(LQ)	25	30.00		SSF		83.62	43	iPc	26	13.70	0.3		NEAR COAST OF CENTRAL CHILE						(135)
LHC		32.03	7	iPc	20	11.60	-2.0			0.8s		17.90nm			5.1mb								
		0.8s		118.00nm			5.7mb	LOR		83.79	43	iPc	26	14.70	0.4	LNV		0.23	271	iPd	07	51.90	0.0
ORV		32.48	320	eP	20	18.40	0.8	LBF		83.95	43	eP	26	15.40	0.3					iS	08	00.10	
OTT		32.89	25	eP	20	18.00	-3.1X	SMF		83.96	43	iPc	26	15.30	0.1	TACH		0.35	29	iPc	07	54.50	1.0
		0.8s		33.00nm			5.2mb			1.3s		50.50nm			5.3mb					iS	08	04.50	
MIN		33.02	321	eP	20	23.50	1.0	ENN		83.98	39	eP	26	15.50	0.4	CHCH		0.40	86	iPc	07	54.40	0.0
MNT		33.87	27	iPc	20	26.50	-3.1X			1.0s		47 00nm			5.4mb					iS	08	04.00	
				pP	20	38.00	42kmX					e	26	37.50		PCH		0.62	57	iPd	07	57.40	-0.1
RSON		34.15	1	P	20	29.30	-2.6					e	26	44.50						iS	08	09.50	
LDM		35.83	337	eP	20	48.00	1.7					e	27	11.50		BACH		0.81	42	iPc	08	00.20	0.0

			iS	08	14.90	
PEL	0.90	25	iPd	08	01.50	0.1
			iS	08	16.50	
FCH	0.95	49	iP	08	02.00	-0.4
			iS	08	17.50	
ROCH	0.99	6	iP	08	02.80	-0.1
			iS	08	19.00	
JACH	1.35	20	iP	08	07.50	-0.5
			iS	08	27.00	

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

* FEB 11, 1985 03h 56m 44.58± 3.48s
46.455 N ±13.6km 2.425 W ±30.4km
DEPTH = 10.0km (geophysicist)
BAY OF BISCAY (539)
ML 2.6 (LDG).

MFF	1.58	84	Pn	57	13.20	0.5
LPF	1.84	30	Pn	57	18.00	1.6
GRR	2.21	28	Pn	57	21.20	-0.6
FLN	2.66	29	Pn	57	27.20	-1.0
LFF	2.69	123	Pn	57	28.80	0.2
LSF	2.75	93	Pn	57	29.60	0.1
TCF	3.21	91	Pn	57	36.00	-0.1
MZF	3.48	92	Pn	57	39.60	-0.2
CAF	3.50	114	Pn	57	40.00	-0.1
BGF	3.64	86	Pn	57	41.80	-0.4

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

FEB 11, 1985 04h 29m 56.49± 0.87s
1.114 N ± 6.7km 98.931 E ± 7.8km
DEPTH = 96.3 ± 7.6 km
4.8mb (12 obs.)
NORTHERN SUMATERA (706)

PSI	1.57	360	iPd	30	24.10	0.3
			eS	30	45.00	
TSI	2.40	351	ePd	30	35.00	0.2
IPM	4.03	31	iPc	30	57.90	0.8
	0.5s	140.90nm				
			i	31	44.70	
KGM	4.48	78	iPc	31	05.00	1.7
	0.5s	311.70nm				
			e	31	41.00	
BSI	5.66	320	iPd	31	18.00	-1.6
			iS	32	16.50	
SNG	6.25	16	eP	31	27.50	-0.4
NNT	11.43	4	eP	32	42.00	3.9X
LEM	11.72	132	e(P)c	32	41.50	-0.6
KHT	13.59	359	eP	33	12.00	5.5X
NST	14.51	5	iPc	33	22.50	4.0X
CHG	17.59	0	eP	33	56.00	-1.0
KKM	17.93	74	ePc	34	04.50	3.3X
KOD	23.18	294	eP	34	48.00	-7.9X
GBA	24.63	301	Pd	35	10.10	0.6
	0.8s	24.70nm			4.7mb	
SHL	25.24	345	iP	35	14.80	-0.6
HYB	25.77	310	eP	35	20.40	0.2
PKI	29.33	335	eP	35	51.80	-0.9
	0.7s	9.00nm			4.5mb	
DMN	29.49	334	eP	35	53.40	-0.6
	1.0s	26.00nm			4.9mb	
KKN	29.57	335	eP	35	54.40	-0.3
	0.7s	33.00nm			5.1mb	
CD2	29.98	8	eP	35	57.60	-0.5
MUN	36.76	155	eP	36	58.00	1.6
GTA	38.12	1	P	37	08.10	0.2
KLG	38.28	148	eP	37	10.00	0.7
WRA	40.53	123	Pc	37	26.50	-1 5
WB2	40.54	123	eP	37	26.70	-1.4
BJI	41.80	20	eP	37	39.50	1.4
ASPA	41.97	128	eP	37	39.00	-0.8
WMQ	43.68	348	P	37	54.00	0.5
CN2	48.62	26	Pd	38	31.80	-0.5
YOU	58.17	132	eP	39	42.10	-0.7
BRS	58.96	123	eP	39	36.00	-12.5X
CAN	59.09	133	eP	39	48.80	-0.4
WAM	59.40	134	eP	39	51.10	-0.2
BCAO	80.34	274	iP	41	59.80	0.6
	1.0s	12.50nm			4.7mb	
KJF	80.89	335	iP	42	00.00	-1.1
	0.6s	13.00nm			5.0mb	
SUF	81.17	334	iP	42	02.70	0.2
	0.5s	2.20nm			4.3mb	
SOD	82.22	338	eP	42	08.00	0 1
ZST	83.72	318	eP	42	11.60	-4.4X
KSP	84.48	321	eP	42	21.00	1.2
UPP	84.67	330	iP	42	41.50	21.1X
NB2	87.92	331	P	42	36.00	-0.5
	1.0s	5.50nm			4.6mb	
HAU	90.91	318	iPc	42	51.60	0.9
	0.8s	5.30nm			4.8mb	
LBF	92.58	317	iPc	42	59.30	0.8
	0.9s	5.50nm			4.9mb	
LOR	92.64	317	iPc	42	59.60	0.9
	1.0s	12.00nm			5.2mb	
SMF	92.70	317	iPc	42	59.90	0.9
	1.0s	8.80nm			5.1mb	
LSF	94.33	316	iPc	43	01.80	-4.7X
JCT	143.87	28	ePKP	49	20.50	-2.3X

S.D. = 0.9 on 37 of 47 obs.

FEB 11, 1985 06h 01m 57.84± 0.51s
44.228 N ±11.4km 149.103 E ± 6.8km
DEPTH = 33.0km (normal)
4.8mb (14 obs.)
KURIL ISLANDS (221)

MAT	11.30	231	eP	04	34.00	-6.1X
	0.7s	6.85nm			4.9mb	
			(S)	07	10.00	
MDJ	13.95	278	eP	05	15.00	-0.3
CN2	17.01	277	eP	05	53.00	-1.7
SNY	18.79	272	P	06	17.30	0.6
BJI	24.68	272	eP	07	16.50	-0.3
TIA	25.58	263	Pc	07	26.40	1.0
LZH	35.16	273	iPc	08	51.00	0.3
IMA	37.49	34	e(P)	09	10.70	0.8
	0.8s	2.60nm			4.1mb	
CD2	37.85	265	eP	09	14.00	0.8
COL	39.88	36	eP	09	31.00	1.3
	0.8s	5.60nm			4.4mb	
QIZ	41.25	245	eP	09	34.10	-7.3X
WMQ	43.23	292	P	09	58.80	1.3
INK	45.29	31	eP	10	14.00	0.4
KKN	52.89	274	eP	11	13.30	0.2
	1.0s	36.00nm			5.3mb	
PKI	52.93	274	eP	11	13.40	-0.1
	0.9s	15.00nm			5.0mb	
DMN	53.12	274	eP	11	15.20	0.4
	0.8s	25.00nm			5.2mb	
YKA	54.62	34	eP	11	25.10	0.1
YKC	54.68	34	eP	11	25.00	-0.5
NDI	58.11	280	iPd	11	50.50	0.1
EDM	60.09	43	eP	12	06.50	2.6
SOD	60.56	338	eP	12	06.00	-0.8
KJF	62.54	335	iP	12	19.80	-0.4
SUF	64.11	335	iP	12	29.70	-0.8
	0.5s	9.10nm			5.1mb	
	Z 17s	41.60um			6.7MszX	
FFC	64.47	37	eP	12	32.00	-1.0
	0.8s	5.00nm			4.7mb	
WB2	65.27	195	eP	12	37.20	-1.2
WRA	65.27	195	Pc	12	39.90	1.5
	0.6s	0.70nm			3.9mb	
NUR	66.25	334	iP	12	44.00	-0.3
	0.5s	11.20nm			5.2mb	
EUR	66.90	57	eP	12	48.50	-0.6
	0.2s	0.84nm			4.5mb	
GBA	67.52	267	Pd	12	51.20	-1.8
	0.8s	3.50nm			4.5mb	
FRB	68.32	17	eP	12	56.00	-1.3
UPP	68.91	336	iP	13	00.50	-0.5
NB2	69.66	340	P	13	05.40	-0.2
	0.8s	14.50nm			5.1mb	
ALQ	75.58	55	e(P)	13	40.00	-1.2
CLL	77.53	334	iPd	13	52.30	0.8
KHC	79.21	332	iPc	14	01.70	0.8
			i	14	15.70	
KBA	81.06	331	iPd	14	12.20	1.3
	0.7s	6.50nm			4.7mb	
			i	14	13.50	
			i	14	24.20	
JCT	82.68	54	eP	14	18.00	-1.5

S.D. = 1.0 on 35 of 37 obs.

FEB 11, 1985 07h 06m 00.98± 0.55s
46.360 N ± 4.8km 1.618 E ± 4.0km
DEPTH = 10.6 ± 4.2 km
FRANCE (538)
ML 3.3 (LDG).

LSF	0.13	209	Pg	06	05.60	1.5
TCF	0.42	100	Pg	06	10.00	0.5
			Sg	06	15.30	
MZF	0.69	102	Pg	06	15.00	0.5
			Sg	06	23.60	
BGF	0.87	76	Pg	06	18.40	0.7
			Sg	06	28.40	
RJF	1.06	184	Pg	06	21.10	0.2
			Sg	06	34.40	
MFF	1.24	282	Pn	06	24.70	0.7
			Sn	06	25.40	
			Sg	06	40.90	
AVF	1.27	70	Pn	06	24.70	0.2
			Sg	06	41.00	
CAF	1.47	168	Pn	06	26.80	-0.6
			Pg	06	28.30	
			Sg	06	47.00	
SSF	1.48	61	Pn	06	27.60	0.1
			Pg	06	29.20	
			Sg	06	47.50	
LFF	1.55	204	Pn	06	28.40	-0.2
			Pg	06	30.40	
			Sg	06	50.60	
SMF	1.56	79	Pn	06	28.40	-0.4
			Sg	06	49.80	
LPO	1.70	190	Pn	06	29.90	-0.9
			Pg	06	33.80	
			Sg	06	55.00	
LBF	1.74	68	Pn	06	31.20	-0.2
			Pg	06	33.60	
			Sg	06	55.20	
LOR	1.79	59	Pn	06	31.80	-0.2
			Pg	06	34.40	
			Sg	06	56.50	
LPF	2.47	314	Pn	06	41.40	-0.3
			Pg	06	48.40	
GRR	2.64	321	Pg	06	50.80	6.6X
			Sg	07	23.50	
FLN	2.79	330	Pg	06	54.00	7.6X
			Sg	07	29.00	

S.D. = 0.7 on 15 of 17 obs.

& FEB 11, 1985 07h 26m 47.20s
36.880 N 121.417 W
DEPTH = 7.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.8 (BRK). Felt at Hollister.

SAO	0.12	191	iPd	26	50.20	0.4
SLD	0.25	39	iP	26	52.40	0.0
LLA	0.46	124	iPc	26	56.00	-0.5
ARN	0.48	349	eP	26	56.50	-0.3
GCC	0.49	288	iPc	26	56.35	-0.7
MHC	0.49	339	iPc	26	56.90	-0.3
			iS	27	05.20	
PRS	0.55	176	iPd	26	58.00	-0.2
PRI	0.95	140	ePc	27	05.30	-0.4
			i	27	23.30	
PCC	0.99	309	ePc	27	04.70	-1.5
BKS	1.19	327	eP	27	07.60	-2.0
			iS	27	26.30	
			i	27	33.20	
			i	27	38.00	
BRK	1.20	326	eP	27	07.70	-2.1
ZSP	1.26	328	ePd	27	09.50	-1.3
JAS1	1.31	37	iPc	27	10.20	-1.6
			eS	27	27.90	
FRI	1.37	85	eP	27	11.70	-1.0
EUR	5.02	57	iP	28	21.80	16.9
	0.2s	2.23nm				
	15 obs. ossociated					

FEB 11, 1985 07h 39m 32.56± 0.21s
4.544 N ± 5.0km 32.560 W ± 4.0km
DEPTH = 10.0km (geophysicist)
5.6mb (50 obs.) 5.1Msz (7 obs.)
CENTRAL MID-ATLANTIC RIDGE (406)

ITR	14.45	204	eP	42	57.70	-1 6
			e	43	02.90	
SOB1	15.99	211	eP	43	22.00	2 7
ATB	21.13	249	Pd	44	18.80	-1 3
BAO	25.21	217	e(P)	45	01.00	0 7
KIC	27.75	85	eP	45	21.50	-2 7
SJG	35.50	295	e(P)	46	31.00	-0 6
SDV	38.04	279	eP	46	54.50	1.1
BMG	40.38	276	eP	47	15.00	2.2
LPB	40.90	238	Pc	47	17.70	0.3

11d 07h

```
          1.3s    57.69nm          5.1mb
      Z  18s      3.44um           5.3Msz
                   S      53 30.00
                   LR     59 16.00
CNCB  40.93 238 P         47 18.00    0.2
MAL   41.14  35 eP        47 20.00    1.4
BOG   41.37 272 eP        47 21.00   -0.2
                   eS     53 44.00
YJA   41.76 229 ePc       47 26.00    1.6
SLA   43.27 226 ePc       47 27.00   -9.4X
TOL   43.59  32 iPd       47 40.00    1.4
      1.3s     3.00nm          3.9mb X
ARE   43.79 241 eP        48 00.00   19.1X
TPZ   43.85 232 eP        47 22.00  -19.4X
                i         48 10.80
PSC   44.82 267 eP        47 49.00   -0.5
LGR   46.25  31 eP        48 02.50    2.6
UPA   46.83 278 iPd       48 06.00    1.2
      1.2s   112.50nm          5.8mb
EPF   48.14  32 eP        48 16.00    1.1
      1.8s   227.80nm          6.0mb
LFF   49.67  31 iPc       48 27.10    0.6
      1.9s   249.70nm          5.9mb
LPO   49.72  31 iPc       48 27.40    0.5
      1.9s   261.30nm          5.8mb
RJF   50.32  31 iPc       48 31.50    0.0
      1.6s    71.70nm          5.4mb
CAF   50.35  32 iPc       48 31.80    0.1
      1.9s   191.20nm          5.7mb
MFF   50.41  29 eP        48 31.60   -0.5
      2.0s   209.90nm          5.7mb
MDZ   50.68 220 eP        48 35.60    1.1
BNG   50.94  88 iPd       48 36.00   -0.8
      1.0s   150.00nm          5.9mb
                   id     48 36.90
                   ic     48 45.10
LSF   50.98  30 eP        48 36.50    0.0
      1.7s    68.00nm          5.3mb
LPF   51.04  27 iPc       48 36.40   -0.5
      2.0s   310.90nm          5.9mb
TCF   51.35  30 eP        48 39.30    0.0
      2.1s   148.60nm          5.5mb
GRR   51.39  27 eP        48 39.10   -0.4
      1.7s   113.10nm          5.5mb
MZF   51.49  31 iPc       48 40.50    0.1
      1.7s    95.30nm          5.4mb
BGF   51.85  31 iPc       48 43.10    0.0
      1.8s   111.80nm          5.5mb
LDF   51.87  27 eP        48 42.60   -0.6
      1.8s   196.80nm          5.7mb
PEL   52.04 221 iPc       48 44.30   -0.5
AVF   52.27  31 eP        48 45.90   -0.3
      2.3s   145.90nm          5.5mb
SMF   52.42  31 iPc       48 47.60    0.2
SSF   52.53  30 eP        48 47.80   -0.4
LBF   52.72  31 eP        48 49.50   -0.2
      2.1s   203.90nm          5.7mb
LOR   52.85  30 eP        48 50.20   -0.4
      1.7s    83.80nm          5.4mb
MNT   54.23 325 eP        49 01.00    0.3
BLA   54.45 313 P         49 00.30   -2.3
HAU   54.60  31 eP        49 03.20   -0.3
      1.8s   155.30nm          5.7mb
PRM   54.70 309 P         49 04.00   -0.4
BSF   54.72  32 iPc       49 04.00   -0.5
      1.9s   140.90nm          5.7mb
DOU   55.12  28 P         49 07.00   -0.2
CDF   55.34  31 eP        49 08.20   -0.8
      1.8s   103.50nm          5.6mb
OTT   55.37 324 eP        49 09.00   -0.1
UCC   55.49  28 Pc        49 10.90    1.1
MEM   56.13  29 P         49 14.60    0.2
ENN   56.20  28 eP        49 14.00   -0.9
      1.0s    29.00nm          5.3mb
TNS   57.08  30 eP        49 20.70   -0.7
SCH   57.23 337 eP        49 21.00   -1.3
WTS   57.43  28 eP        49 23.50   -0.2
                e         49 28.00
KBA   57.89  35 iPd       49 26.50   -0.8
      2.0s   118.00nm          5.6mb
                ipP       49 44.10   67kmX
WIT   57.91  27 eP        49 28.00    1.0
WET   58.76  33 iPd       49 32.90   -0.2
HOF   58.89  32 eP        49 34.10    0.1
      1.8s   232.00nm          6.0mb
MOX   58.94  31 ePd       49 34.50    0.1
      2.0s   147.00nm          5.8mb
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      Z  20s      1.00um           4.9Msz
      E  20s      0.80um
                  ePP     51 46.50
KHC   59.13  33 iPd       49 35.30   -0.4
      1.5s    71.00nm          5.6mb
                  e       49 47.00
CLL   60.04  31 eP        49 42.00    0.1
      3.0s   250.00nm          5.8mb
SOP   60.07  36 e(P)      49 41.00   -1.2
PRU   60.12  33 eP        49 42.00   -0.5
      2.6s   250.00nm          5.9mb
      Z  18s      1.30um           5.1Msz
      N  18s      1.10um
      E  18s      1.20um
BRG   60.29  32 iPd       49 43.70    0.1
      2.2s   170.00nm          5.8mb
ZST   60.64  36 iPd       49 46.00   -0.1
SKO   60.70  44 iPd       49 47.40    0.8
      1.9s   290.00nm          6.1mb
      Z  18s      1.00um           5.0Msz
      E  16s      1.16um
SRO   61.17  37 iPd       49 50.00    0.3
BEO   61.18  40 iP        49 50.80    1.1
VAY   61.25  45 iP        49 51.00    0.7
MUD   61.42  25 eP        49 51.00   -0.1
      1.4s    46.30nm          5.4mb
BUD   61.45  37 eP        49 50.60   -0.9
      2.0s   277.80nm          6.1mb
KSP   61.53  33 iPd       49 52.20    0.2
      1.7s   166.00nm          5.9mb
FVM   62.15 311 P         49 55.00   -1.5
VTS   62.15  44 ePd       49 58.00    1.7
MMB   62.15  45 iPd       49 58.00    1.5
JOS   62.81  37 iPd       50 07.20    6.6X
      1.2s    65.90nm          5.7mb
PLD   63.02  45 eP        50 01.00   -1.1
KRA   63.17  35 eP        50 03.60    0.6
      1.5s   147.00nm          6.0mb
                  i       50 07.10
KDZ   63.32  45 iP        50 12.00    7.9X
DIM   63.61  45 eP        50 06.00    0.0
VHO   64.01 287 iPc       50 09.50    0.2
FRB   64.58 343 eP        50 11.00   -1.0
BHO   64.70 306 eP        50 11.50   -1.8
      1.7s    83.40nm          5.7mb
BUL   64.87 115 eP        50 13.00   -1.8
LHC   64.96 322 eP        50 13.50   -1.2
MLR   65.02  41 iPc       50 16.00    0.6
HLW   65.17  59 eP        50 18.00    1.6
                  e       59 58.00
                  e       00 26.00
RLO   65.22 308 ePd       50 15.10   -1.6
NB2   65.22  22 P         50 05.60  -10.7X
      1.7s   206.60nm
CVO   65.29  41 eP        50 18.00    1.1
BLF   65.51 125 eP        50 16.60   -2.2
      0.9s    18.46nm          5.3mb
VIR   65.72 123 eP        50 18.50   -1.6
      1.1s    40.51nm          5.5mb
TUL   65.77 307 ePd       50 18.80   -1.4
      0.9s    41.70nm          5.6mb
      Z  22s     12.00um           6.1Msz
      N  18s      0.49um
      E  20s      0.69um
TPM   66.32 289 iPd       50 24.50    0.3
SEK   66.43 123 iPc       50 22.80   -1.9
      0.7s    20.55nm          5.4mb
MTD   66.80 110 eP        50 26.00   -1.2
OCO   67.03 307 e(P)      50 26.50   -1.7
UPP   67.04  25 iP        50 26.00   -1.8
JCT   68.12 301 eP        50 33.10   -2.2
      1.3s    59.62nm          5.6mb
      Z  20s      0.57um           4.8Msz
PRNI  68.37  59 eP        50 37.00    0.2
JER   68.74  58 iPc       50 39.00   -0.1
HRI   69.40  56 iP        50 44.00    0.8
NAI   69.54  93 eP        50 48.00    3.5X
      0.8s    29.85nm          5.5mb
NUR   70.40  26 eP        50 48.00   -0.6
SUF   72.04  24 iP        50 58.30   -0.1
      1.0s    14.50nm          5.0mb
DAG   72.57   3 iPc       51 00.80   -0.5
      0.8s    14.93nm          5.1mb
RTB   73.18  57 eP        51 08.00    2.3
KJF   73.32  23 eP        51 06.00    0.1
GLD   73.79 310 P         51 12.00    2.6
GOL   73.90 310 P         51 10.00   -0.2
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ALQ   74.22 305 eP        51 11.00   -1.0
      1.4s    52.33nm          5.4mb
      Z  20s      2.31um           5.5Msz
SOD   74.33  20 iP        51 11.80    0.0
FFC   74.49 326 ePc       51 16.70    3.8X
      1.8s   133.00nm          5.7mb
KEV   75.55  18 eP        51 19.00    0.2
MSL   75.81  54 iP        51 21.00    0.1
BHD   76.61  57 ePc       51 27.50    2.1
BDW   77.39 313 P         51 28.00   -1.9
TAB   78.46  52 eP        51 37.00    1.2
ALE   78.94 356 ePd       51 37.40    0.0
      1.1s    28.00nm          5.2mb
SES   79.17 320 eP        51 38.00   -1.3
LRM   79.71 316 eP        51 43.40    0.8
EDM   80.86 323 ePc       51 47.90   -0.4
EUR   82.05 309 iP        51 55.50    0.5
      1.5s    39.90nm          5.3mb
YKC   82.25 332 eP        51 54.00   -1.2
YKA   82.31 332 eP        51 55.70    0.2
GSC   82.70 305 eP        52 00.00    1.7
PLM   82.77 303 eP        52 01.00    2.2
NEW   83.01 318 eP        52 00.00    0.4
BMN   83.01 310 P         52 00.20    0.3
RVR   83.19 304 eP        52 02.00    1.3
CLC   83.34 305 eP        52 02.00    0.5
SBB   83.55 304 eP        52 03.00    0.4
CWC   83.72 306 eP        52 05.00    1.4
MWC   83.75 304 eP        52 03.00   -0.8
MNA   83.75 308 eP        52 03.90    0.2
ISA   84.06 305 eP        52 06.00    0.8
PNT   84.66 319 eP        52 08.00    0.1
MBC   84.85 346 eP        52 08.50    0.2
MIN   86.36 310 eP        52 16.40   -0.3
MHI   89.00  54 iPd       52 31.00    1.6
INK   89.85 339 eP        52 34.00    1.4
SPA   94.51 180 ePd       52 55.20    0.9
      1.0s    15.00nm          5.3mb
COL   96.32 337 eP        53 02.00   -0.5
BJI  127.14  30 (PKP)     58 38.50   -0.6
XAN  127.15  40 ePKP      58 38.40   -1.0
KMI  127.53  54 ePKP      58 41.00    0.3
CN2  127.95  20 ePKP      58 39.00   -1.6
TIA  130.52  32 ePKP      58 46.20    0.5
BAG  146.25  51 ePKP      59 15.90    0.8
      1.6s   266.67nm
TOO  147.08 177 ePKP      59 18.00    2.3X
WAM  148.48 182 ePKP      59 22.10    4.2X
ADE  148.67 166 iPKPd     59 22.80    4.5X
CAN  149.34 183 ePKP      59 23.80    4.4X
MKS  152.12  93 ePKPd     59 18.00   -6.0X
WRA  160.07 141 PKPd      59 34.10    0.1
      1.4s     8.50nm
WB2  160.08 141 ePKP      59 34.20    0.2
                  e       00 14.30
      S.D. = 1.1 on 144 of 157 obs.

•  FEB 11, 1985  08h 25m 46.68± 1.94s
   6.052 S ±20.5km  104.869 E ±19.1km
   DEPTH = 82.9 ± 14.4 km
   5.1mb (  4 obs.)
 SUNDA STRAIT                            (276)

LEM    2.84 106 ePc       26 31.20    0.4
      0.5s    42.25nm
                  eS      27 08.00
PPI    7.13 321 eP        27 30.80    0.5
                  e(S)    28 51.00
KGM    8.16 349 eP        27 44.00   -0.5
KKM   16.51  44 ePd       29 42.20    7.5X
NNT   19.21 345 eP        30 09.00    2.0
KHT   21.62 343 eP        30 32.30    0.7
CHG   25.39 347 eP        31 06.50   -1.6
GBA   33.51 306 Pd        32 18.30   -2.2
      0.6s     8.00nm          4.8mb
NDI   43.61 324 iPd       33 44.00   -0.6
      0.5s    49.30nm          5.6mb
YOU   49.01 131 eP        34 48.90   21.8X
BRS   50.16 121 eP        34 35.00   -1.0
MAT   52.63  34 iPd       34 52.90   -1.5
KJF   89.85 335 iP        38 37.40    0.2
      0.6s    14.30nm          5.3mb
SUF   90.19 333 iP        38 39.40    0.6
      0.4s     3.10nm          4.9mb
NUR   90.42 331 iP        38 40.90    1.0
YKA  116.69  19 ePKP      44 23.40    0.9
ALQ  139.25  41 e(PKP)    44 57.00   -9.7X
```

```
RLO    144.91   29 ePKPd 45 15.20  -1.0
JCT    146.41   41 ePKP  45 19.50   0.5
BHO    146.42   30 iPKPc 45 20.30   1.5
         0.8s     24.00nm
       S.D. = 1.3  on  17 of  20 obs.

?  FEB  11, 1985  08h 27m 28.70± 1.15s
    6.844 S ± 8.9km  130.691 E ±13.1km
    DEPTH = 115.5 ± 16.0 km
    4.9mb (  8 obs.)
  BANDA SEA                          (280)

AAI      4.00 321 ePc   28 28.50  -0.6
MTN      5.98 176 iPd   28 58.30   2.1
                  eS    30 04.00
KNA      9.05 192 eP    29 38.00   0.1
         0.4s     31.00nm          5.4mb
                  eS    31 16.00
TZZ     10.59  82 eP    29 59.00   0.4
WRA     13.50 165 Pc    30 35.00  -1.7
         0.5s     23.90nm          4.9mb
WB2     13.50 165 iPc   30 35.00  -1.8
                  i     30 37.80
                  iS    32 00.50
ASPA    17.01 170 eP    31 22.00   1.0
         0.5s     52.00nm          5.0mb
                  eS    34 24.00
WBN     19.59 191 eP    31 55.00   4.8X
                  eS    35 21.00
CTA     20.03 133 iPd   31 59.50   4.6X
         0.8s     23.13nm          4.6mb
STK     26.91 159 eP    33 04.00   3.2X
CAN     32.96 152 iPc   33 59.30   4.9X
WAM     33.62 153 iPc   34 05.30   5.2X
PKI     55.55 310 eP    36 55.20   0.3
         0.6s      6.00nm          4.8mb
KKN     55.76 310 eP    36 56.40   0.1
         0.6s      9.00nm          4.9mb
DMN     55.80 310 eP    36 57.00   0.4
         0.8s     19.00nm          5.1mb
GBA     56.64 291 Pd    37 02.10  -0.3
         0.6s      3.10nm          4.5mb
       S.D. = 1.3  on  11 of  16 obs.

•  FEB  11, 1985  09h 26m 45.99± 0.96s
    34.560 N ± 9.8km   50.677 E ± 7.1km
    DEPTH =  50.6 ± 11.2 km
    4.7mb (  8 obs.)
  IRAN                               (348)
       Felt in the Arok oreo.

TEH      1.31   26 iPd   27 07.70  -0.7
KER      2.96  267 eP    27 34.00   2.3
TAB      4.96  316 eP    28 06.00   6.0X
SHI      5.15  162 eP    28 03.00   0.3
BHD      5.39  258 eP    28 04.00  -1.8
                  e     28 30.00
                  e     29 32.00
                  i     30 15.00
                  i     30 35.00
MSL      6.41  289 eP    28 43.00  22 9X
KHI      6.60   91 iP+   28 22.80  -0.2
MHI      7.40   74 ePn   28 33.00  -1 2
                  eSn   29 50.00
RTB      8.76  263 ePc   30 02.00  69.3X
                  e     31 30.50
                  e     31 36.00
MLR     21.78  308 eP    31 40.00   4.8X
NDI     23.31   97 iPd   31 53.00   2.8X
DMN     30.19   94 eP    32 55.20   1.2
         1.0s     26.00nm          4.9mb
KKN     30.26   93 eP    32 55.40   0.7
         0.8s     12.00nm          4.7mb
PKI     30.45   94 eP    32 56.80   0.4
         0.9s     16.00nm          4.7mb
NUR     30.94  335 eP    32 59.00  -1.0
GBA     31.95  124 Pd    33 08.00  -1.3
         0.6s      1.40nm          4.0mb
SUF     32.10  339 iP    33 09.30  -0.8
         0.7s      4.40nm          4.4mb
KJF     32.83  342 iP    33 18.90   2.5
         1.0s     20.00nm          4.9mb
SOD     35.67  344 eP    33 45.00   4.1X
NB2     36.54  329 P     33 46.70  -1.6
         0.6s      6.10nm          4.7mb
KIC     58.15  254 eP    36 35.80  -1.3
FRB     70.94  336 eP    38 03.00   3.5X

COL     79.81    8 eP    38 50.00   0.1
YKA     82.56  353 eP    39 05.50   1.1
FFC     88.01  345 eP    39 32.00   0.3
         0.7s      4.00nm          4.8mb
       S.D. = 1.4  on  18 of  25 obs.

?  FEB  11, 1985  09h 50m 04.05± 3.16s
    31.490 S ±31.5km   69.890 W ±22.3km
    DEPTH = 135.7 ± 24.5 km
  SAN JUAN PROVINCE, ARGENTINA       (137)

RTCV     1.21  108 iPc   50 29.10  -0.8
                  S     50 45.80
RTLL     1.23   83 iPc   50 30.50   0.5
                  S     50 48.00
JACH     1.33  206 iPd   50 31.00  -0.1
                  iS    50 49.50
ROCH     1.76  212 iP    50 36.30   0.2
                  iS    50 57.50
FCH      1.86  190 iP    50 37.70   0.2
                  iS    51 00.50
BACH     1.93  195 iPd   50 38.30   0.4
                  iS    51 01.00
PCH      2.19  194 eP    50 41.00  -0.2
                  iS    51 07.00
CHCH     2.52  195 eP    50 46.00   0.7
LNV      2.77  207 iP    50 47.50  -1.0
TCA      4.53   89 ePc   51 12.00   0.0
       S.D. = 0.7  on  10 of  10 obs.

?  FEB  11, 1985  11h 15m 34.34± 6.57s
    38.134 N ±63.7km   20.783 E ±23.2km
    DEPTH =  10.0km  (geophysicist)
  GREECE                             (364)

VLS      0.16  286 ePg   15 38.00   0.0
                  eSg   15 48.70
KZN      2.30   19 ePb   16 14.00   1.0
OHR      2.97    0 ePn   16 27.20   4.7X
VAY      3.47   23 ePn   16 29.00  -0.4
SKO      3.87    7 ePn   16 35.00  -0.1
MMB      4.13   32 iPd   16 39.00   0.2
VTS      4.83   22 eP    16 48.00  -0.7
KDZ      4.96   44 iP    16 40.00 -10.6X
       S.D. = 0.8  on   6 of   8 obs.

   FEB  11, 1985  11h 17m 46.53± 0.62s
   37.672 N ± 6.3km   19.980 E ± 5.7km
   DEPTH =  10.0km  (geophysicist)
   4.6mb (  6 obs.)
  IONIAN SEA                         (399)

VLS      0.70   43 iPgd  18 00.50   0.2
                  eSg   18 08.00
ATH      2.97   83 ePn   18 36.00   1.4
                  ePb   18 40.50
                  ePg   18 47.00
                  eSb   19 18.50
                  eSg   19 22.50
KZN      2.98   27 iPnd  18 36.50   1.8
                  ePg   18 47.00
LCI      3.09  330 e(Pn) 18 44.50   8.3X
OHR      3.49   10 iPn   18 42.90   0.9
ORI      3.64  312 e(Pn) 18 44.00   0.0
                  e(Sn) 19 29.50
BRT      3.86  327 e(Pn) 18 46.00  -1.2
                  e(Sn) 20 00.00
VAY      4.16   28 iPn   18 51.30  -0.1
SKO      4.44   14 ePn   18 55.00  -0.4
                  e     19 05.50
                  i     19 09.50
                  i     19 40.00
                  i     20 01.50
TTG      4.78  354 ePn   19 01.00   0.7
                  eSn   19 51.00
MMB      4.87   35 iPd   18 01.00 -60.5X
VTS      5.51   26 eP    19 11.00   0.5
PLD      5.73   38 eP    19 14.00   0.4
KDZ      5.73   45 iP    19 13.00  -0.8
DIM      6.14   43 iP    19 19.00  -0.4
PVL      6.75   34 eP    19 28.00  -0.1
AOU      6.88  315 e(Pn) 19 29.50  -0.4
BEO      7.15    3 eP    19 33.90   0.3
MLR      9.00   28 eP    20 00.00   0.5
CEY      9.06  335 e(Pn) 19 58.70  -1.6
                  e     20 14.60
                  eSn   21 34.70

CTI     10.42  326 e(Pn) 20 14.00  -5.0X
KBA     10.60  335 i(P)  20 22.10   0.5
                  i     20 49.80
                  iS    22 10.50
                  i     22 16.50
KHC     12.36  340 eP    20 47.50   2.2
                  e     20 58.00
                  e     21 05.30
PRU     12.92  344 P     20 49.30  -3.4X
NUR     23.05    6 iP    22 51.50  -1.1
NB2     24.03  350 P     23 03.00   0.7
         1.0s      6.00nm          4.1mb
SUF     25.36    7 iP    23 14.70  -0.2
         0.4s      3.30nm          4.4mb
KJF     26.96    7 eP    23 28.00  -1.7
BNG     33.11  183 iPc   24 26.40   1.6
         0.4s      5.00nm          4.8mb
KIC     38.43  222 eP    25 11.00   0.9
DMN     54.78   80 eP    27 17.80  -1.3
         0.5s      6.00nm          4.9mb
KKN     54.83   80 eP    27 17.60  -1.8
         0.5s      6.00nm          4.9mb
GBA     56.13   99 Pd    27 27.50  -1.1
         0.4s      1.00nm          4.2mb
       S.D. = 1.1  on  29 of  33 obs.

?  FEB  11, 1985  11h 33m 42.23± 2.46s
    32.241 S ±22.0km   69.701 W ±19.1km
    DEPTH = 148.0 ± 32.3 km
  MENDOZA PROVINCE, ARGENTINA        (139)

JACH     0.87  240 iPd   34 06.20   0.0
                  iS    34 23.50
FCH      1.19  204 iPd   34 09.00  -0.2
                  iS    34 27.00
PEL      1.22  222 iP    34 09.10  -0.1
                  iS    34 26.60
BACH     1.29  211 iPd   34 09.90   0.0
                  iS    34 28.90
ROCH     1.32  236 iP    34 10.50   0.1
                  iS    34 29.40
PCH      1.54  206 iPd   34 12.40  -0.1
                  iS    34 33.50
TACH     1.75  216 iPd   34 15.10   0.3
                  iS    34 37.00
CHCH     1.87  205 iPc   34 16.40   0.3
                  iS    34 39.90
LNV      2.23  220 iP    34 20.00  -0.4
                  iS    34 45.50
TCA      4.44   80 iPd   34 49.10   0.0
                  S     35 36.50
       S.D. = 0.3  on  10 of  10 obs.

   FEB  11, 1985  12h 43m 24.86± 0.58s
   37.408 N ± 4.6km   72.150 E ± 4 1km
   DEPTH = 188.3 ±  6.7 km
   4.7mb (  8 obs.)
  TAJIK SSR                          (715)
       Felt (III) at Gorm and (II) at
       Dzhirgotol.

KSH      3.64   55 iP    44 23.00   0.6
                  iS    45 06.50
NDI      9.68  153 iPd   45 40.60  -0 4
         0.7s     41.10nm          4.9mb
                  iS    47 21.00
MHI     10.20  268 eP    45 47.00  -0.9
                  eS    47 36.00
KHI     11.45  258 eP    46 04.60   0.5
WMO     13.43   57 eP    46 28.00  -1.1
POO     18.86  175 eP    47 33.50   0 4
                  eS    51 09.50
SHL     20.51  119 eP    47 30.3[illegible] -19.6X
HYB     20.70  162 eP    47 52.00   0 3
         1.0s     34.00nm          4 8mb
                  eS    51 38.00
GTA     21.74   76 iPd   48 02.20   0 3
                  pP    48 39.3[illegible]
GBA     24.17  167 Pc    48 25.20   0 0
         0.8s     48.90nm          5 2mb
CD2     26.86   95 P     48 56.8[illegible]   0 0
BTO     29.45   72 eP    49 13.1[illegible]   0 [illegible]
XAN     29.92   85 eP    49 16.40  -0 7
TIA     35.77   78 eP    50 07.80   0 4
KJF     37.56  330 iP    50 22.10   0 1
NUR     37.64  323 iP    50 23.60   0.9
SUF     37.65  327 iP    50 23.30   0.5
```

11d 12h

0.6s 9.10nm 4.6mb
SOD 39.32 334 iP 50 36.50 0.0
KEV 40.31 338 eP 50 45.00 0.4
NB2 44.22 322 P 51 16.00 -0.6
0.7s 11.80nm 4.5mb
CGP 55.43 107 eP 52 28.00 -14.0X
AAI 66.09 115 eP 53 43.10 -10.7X
MBC 66.39 3 eP 53 54.50 -0.3
0.9s 47.00nm 5.3mb
INK 72.88 10 ePd 54 33.60 -0.6
COL 73.34 17 iP 54 36.50 -0.5
pP 55 24.60 202kmX
KIC 75.75 267 eP 54 51.40 -0.2
YKA 80.30 3 eP 55 16.00 0.5
YKC 80.32 3 ePd 55 15.50 -0.1
0.7s 9.00nm 4.6mb
WB2 81.71 123 eP 55 22.80 -0.7
FFC 88.10 357 eP 55 55.00 0.2
0.9s 8.00nm 4.6mb
S.D. = 0.6 on 27 of 30 obs.

? FEB 11, 1985 12h 50m 19.35± 3.62s
37.426 N ±25.4km 20.109 E ±24.9km
DEPTH = 10.0km (geophysicist)
IONIAN SEA (399)

VLS 0.84 27 ePg 50 35.40 -0.2
ATH 2.91 78 ePn 51 06.50 -0.1
ePg 51 16.00
eSn 51 41.50
eSg 51 52.00
KZN 3.16 24 aPn 51 11.60 1.5
OHR 3.72 8 ePn 51 17.70 -0.4
VAY 4.33 25 ePn 51 25.60 -1.1
SKO 4.65 12 ePn 51 36.90 5.6X
SUF 25.59 6 eP 55 50.00 0.1
S.D. = 1.1 on 6 of 7 obs.

* FEB 11, 1985 13h 16m 00.09± 0.83s
51.286 N ±17.9km 172.943 W ± 9.7km
DEPTH = 33.0km (normal)
4 4mb (7 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK 2.41 286 eP 16 37.70 -0.3
TTA 14.79 31 eP 19 31.00 2.6
IMA 17.76 26 eP 20 05.00 -1.1
COL 18.85 34 eP 20 15.00 -4.4X
INK 25.47 33 eP 21 23.00 -3.2X
pP 21 37.00 58kmX
NEW 35.44 72 eP 22 54.00 -0.9
0.8s 1.00nm 3.8mb
EDM 35.62 63 eP 22 55.50 -0.8
EUR 40.74 84 eP 23 40.00 0.5
0.6s 2.82nm 4.2mb
BDW 42.79 76 eP 23 55.70 -0.6
0.9s 3.42nm 4.1mb
KKN 75.68 296 eP 27 43.60 -0.4
0.6s 6.00nm 4.8mb
PKI 75.77 296 eP 27 44.20 -0.5
1.0s 10.00nm 4.8mb
DMN 75.92 296 eP 27 45.20 -0.2
0.8s 8.00nm 4.8mb
WRA 84.61 229 P 28 33.00 1.8
0.7s 1.10nm 4.2mb
S.D. = 1.3 on 11 of 13 obs.

* FEB 11, 1985 13h 31m 50.01± 1.27s
44 369 N ± 9.8km 114.493 W ±11.7km
DEPTH = 5.6km (geophysicist)
WESTERN IDAHO (33)
ML 3.0 (NEIS)

HPI 1.20 123 eP 32 12.80 -0.3
LRM 2.05 44 iPnd 32 24.70 -1.1
iPg 32 36.70
BUT 2.14 39 ePg 32 28.70 1.7X
eSg 32 54.20
TMI 2.15 119 eP 32 27.20 0.0
LCCM 2.36 51 ePn 32 31.30 1.0
iPg 32 34.50
IMW 2.60 99 eP 32 33.80 0.1
SXM 2.92 51 ePn 32 41.90 3.7X
iPg 32 44.20
HRY 3.00 38 ePn 32 44.60 5.4X
ePg 32 47.50
BMN 4.42 208 eP 32 59.50 0.0
EUR 5.00 193 iP 33 18.00 10.2X
0.2s 0.56nm
S.D. = 0.9 on 6 of 10 obs.

& FEB 11, 1985 13h 58m 05.90s
32.950 N 116.430 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-MEXICO BORDER REGION (45)
<PAS-P>. ML 3.2 (PAS).

IKP 0.40 138 iPc 58 13.80 -0.3
eS 58 19.00
CPE 0.57 263 iPd 58 16.40 -0.9
GLA 1.35 85 eP 58 29.00 -2.3
SDW 1.74 342 eP 58 37.00 0.1
4 obs. ossociated

FEB 11, 1985 15h 16m 58.40± 0.58s
72.837 N ±11.8km 3.185 E ±12.0km
DEPTH = 10.0km (geophysicist)
4.9mb (11 obs.)
NORWEGIAN SEA (642)

TRO 6.00 115 eP 18 29.60 0.4
eS 19 36.00
DAG 6.95 315 iPd 18 40.10 -2.5
0.5s 9.15nm 5.2mb
i 19 53.00
KEV 8.22 100 eP 19 02.00 1.7
SOD 9.63 113 eP 19 19.00 -0.8
KJF 12.36 122 iP 19 56.10 -0.9
1.0s 62.00nm 5.8mb
SUF 13.23 128 iP 20 06.90 -1.7
0.8s 6.20nm 4.8mb
UPP 14.19 149 iP 20 17.40 -3.8X
NUR 14.86 135 iP 20 27.80 -2.2
1.0s 24.00nm 4.6mb
ALE 15.69 334 eP 20 40.00 -0.6
0.5s 5.00nm 4.0mb
CLL 22.03 163 eP 21 57.00 2.8X
1.6s 51.00nm 4.7mb
BRG 22.54 162 iP 22 03.00 3.7X
2.0s 66.00nm 4.8mb
MOX 22.58 166 eP 22 00.00 0.3
1.7s 62.00nm 4.8mb
KSP 22.81 158 eP 22 01.50 -0.5
PRU 23.48 161 P 22 10.00 1.5
KRA 24.03 153 eP 22 15.30 1.5
e 22 17.70
KHC 24.24 163 iPc 22 17.00 1.1
e 22 56.20
SPC 24.92 153 e(P) 22 33.60 10.9X
KBA 26.26 164 iPd 22 39.50 4.3X
1.5s 30.40nm 4.8mb
INK 36.29 334 eP 24 05.00 1.9
YKA 38.61 319 eP 24 26.00 3.4X
COL 41.16 342 e(P) 24 45.00 1.4
FFC 42.88 305 eP 24 59.00 1.1
MHI 45.90 111 eP 25 26.00 3.5X
KKN 61.38 89 eP 27 19.60 2.9X
0.8s 13.00nm 5.1mb
ALQ 62.45 299 e(P) 27 22.50 -1.4
BNG 68.97 164 iPd 28 05.20 -0.4
0.6s 12.00nm 5.3mb
S.D. = 1.5 on 18 of 26 obs.

? FEB 11, 1985 15h 24m 11.36± 1.84s
33.075 S ± 9.5km 70.251 W ±11.9km
DEPTH = 131.3 ± 20.4 km
CHILE-ARGENTINA BORDER REGION (127)

FCH 0.25 187 iPd 24 29.70 -0.6
BACH 0.34 216 iPd 24 29.80 -0.5
JACH 0.49 324 iPc 24 30.10 -0.8
PCH 0.59 202 iPc 24 31.60 0.1
iS 24 45.00
ROCH 0.65 279 iPc 24 31.50 -0.5
iS 24 43.20
TACH 0.81 225 iPd 24 33.40 0.4
iS 24 48.20
CHCH 0.92 201 iPc 24 35.00 1.0
iS 24 51.20
MDZ 1.19 81 eP 24 37.80 1.2
iS 24 55.30
LNV 1.31 227 iPd 24 38 20 0.5
iS 24 57.00
RTCV 1.89 51 ePc 24 44.60 0.1
S 25 09.00
RFA 2.25 139 ePc 24 48.20 -0.8
RTLL 2.30 41 iPc 24 50.60 0.9
S 25 18.50
TCA 5.10 72 ePd 25 26.00 -0.9
S 26 21.80
S.D. = 0.8 on 13 of 13 obs.

FEB 11, 1985 16h 07m 03.89± 0.38s
44.457 N ± 3.4km 114.233 W ± 4.5km
DEPTH = 10.0km (geophysicist)
WESTERN IDAHO (33)
ML 3.8 (NEIS). Felt in the
Challis oreo.

HPI 1.11 132 P 07 25.00 0.1
LRM 1.86 42 iPnd 07 36.40 0.1
BUT 1.95 37 ePn 07 37.60 0.0
ePg 07 40.50
eSg 08 05.10
TMI 2.03 124 P 07 39.50 0.7
LCCM 2.16 50 ePnd 07 40.40 -0.2
ePg 07 43.30
IMW 2.44 102 P 07 45.80 1.2
SXM 2.72 51 ePn 07 49.30 0.6
ePg 07 54.30
HRY 2.82 36 ePn 07 49.40 -0.5
ePg 07 55.60
MFW 3.29 298 P 07 56.00 -0.4
BDW 3.78 115 P 08 01.50 -2.2
CLX 3.80 351 eP 08 04.30 0.3
LHD 3.91 347 iPc 08 05.70 0.3
LDM 4.07 350 iPc 08 07.60 0.1
NEW 4.30 333 iPc 08 10.80 -0.1
eLg 09 18.00
DUG 4.39 166 P 08 12.00 -0.2
RXF 4.45 352 iPc 08 12.70 -0.3
YKM 4.52 348 iP- 08 14.00 -0.1
BMN 4.59 210 P 08 15.50 0.4
EUR 5.14 195 eP 08 23.00 0.1
PNT 6.10 325 eP 08 35.00 -1.2X
EDM 8.79 3 eP 09 10.50 -3.4X
YKA 18.07 359 eP 11 14.00 -2.3X
S.D. = 0.7 on 19 of 22 obs.

% FEB 11, 1985 16h 14m 51.71± 7.12s
34.208 S ±43.3km 72.090 W ±37.9km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

LNV 0.62 66 iPc 15 04.70 0.6
iS 15 13.60
TACH 1.11 60 iPc 15 12.00 -0.5
CHCH 1.22 77 iP 15 14.40 -0.1
PCH 1.44 66 iP 15 18.00 0.1
iS 15 38.00
ROCH 1.53 36 iP 15 19.00 -0.3
i(S) 15 42.00
BACH 1.58 58 iPc 15 19.70 -0.2
PEL 1.58 48 iP 15 20.00 0.1
iS 15 41.00
FCH 1.74 60 iPd 15 22.30 -0.1
JACH 1.97 40 iP 15 26.00 0.4
S.D. = 0.4 on 9 of 9 obs.

FEB 11, 1985 17h 31m 59.19± 0.56s
43.996 N ±10.5km 149.135 E ± 8.2km
DEPTH = 42.0km (5 depth phases)
5.1mb (19 obs.)
KURIL ISLANDS REGION (222)

MAT 11.18 232 eP 34 36.00 -3.4X
0.6s 10.00nm 5.1mb
eS 36 46.00
MDJ 14.01 279 eP 35 15.70 -1.3
CN2 17.07 278 P 35 53.30 -2.8
eS 39 08.00
SNY 18.83 272 P 36 17.40 -0.5
DL2 21.19 266 Pd 36 43.00 -0.1
BJI 24.71 272 eP 37 18.00 0.4
SSE 25.49 249 eP 37 22.50 -2.6
Z 16s 0.60um 4.2MszX
N 16s 0.60um
eS 42 08.00
TIA 25.57 263 Pd 37 26.10 0.3
NJ2 26.52 254 eP 37 35.60 1.1
BTO 28.95 277 iPd 37 57.00 0.4

XAN 32.51 266 eP 38 27.60 -0.4
LZH 35.20 273 iPc 38 52.00 0.6
1.5s 83.00nm 5.4mb
GTA 36.67 280 iPc 39 04.90 1.2
CD2 37.86 265 P 39 14.40 0.7
GYA 38.37 257 P 39 18.60 0.4
COL 40.05 36 eP 39 32.00 0.5
KMI 41.97 259 Pc 39 48.00 0.0
WMO 43.34 292 P 39 59.70 1.0
INK 45.47 31 eP 40 15.00 -0.5
LOE 47.76 252 eP 40 32.80 -1.4
CHG 48.73 255 eP 40 43.00 1.4
SHL 49.48 268 iP 40 47.20 -0.4
KKN 52.93 275 eP 41 13.90 0.2
1.0s 50.00nm 5.5mb
PKI 52.97 274 eP 41 14.20 0.1
1.0s 22.00nm 5.1mb
DMN 53.16 275 eP 41 16.00 0.5
0.8s 33.00nm 5.4mb
YKA 54.79 34 eP 41 26.50 -0.2
YKC 54.86 34 eP 41 26.00 -1.1
0.6s 5.00nm 4.7mb
NDI 58.18 281 iP 41 51.00 -0.2
DAG 59.27 357 iPd 41 56.30 -1.9
0.9s 8.40nm 4.9mb
SOD 60.78 338 iP 42 06.50 -2.2
KJF 62.76 335 iP 42 20.30 -1.6
0.9s 27.00nm 5.4mb
HYB 64.22 270 eP 42 32.00 -0.2
SUF 64.33 335 iP 42 31.00 -1.2
0.4s 14.40nm 5.4mb
FFC 64.64 37 eP 42 34.00 -0.4
0.7s 4.00nm 4.6mb
WB2 65.05 195 eP 42 36.50 -0.9
WRA 65.05 195 Pc 42 36.90 -0.5
0.9s 2.00nm 4.2mb
MHI 65.69 298 eP 42 42.00 0.4
NUR 66.46 334 iP 42 45.50 -0.5
0.6s 17.00nm 5.3mb
i 42 47.00 5kmX
GBA 67.53 267 Pd 42 53.20 -0.2
1.0s 7.00nm 4.7mb
FRB 68.54 17 eP 42 57.00 -1.9
pP 43 10.00 45km
UPP 69.13 336 iP 43 01.80 -0.8
i 43 13.50 39km
NB2 69.88 340 P 43 06.70 -0.6
0.8s 17.30nm 5.1mb
KRA 76.40 329 iP 43 46.50 1.0
i 43 48.20 5kmX
KSP 77.05 332 eP 43 49.50 0.3
JOS 77.45 328 ePc 43 57.80 6.4X
CLL 77.75 334 iPc 43 53.10 0.1
1.4s 20.00nm 5.0mb
BRG 77.81 333 e(P) 43 53.00 -0.4
PRU 78.37 332 P 43 56.50 0.1
e 44 09.20 43km
MOX 78.76 334 eP 44 00.00 1.4
WTS 79.00 337 eP 44 12.50 12.7X
0.8s 12.00nm
KHC 79.43 332 iPc 44 03.00 0.7
1.0s 15.00nm 4.9mb
i 44 15.50 42km
GRF 79.72 334 eP 44 05.20 1.4
0.9s 11.00nm 4.8mb
e 44 17.50 41km
KBA 81.27 331 iPd 44 13.30 1.0
1.0s 23.90nm 5.1mb
i 44 17.30 13kmX
JER 83.50 308 eP 44 25.00 1.1
DOR 83.98 309 eP 44 28.00 1.6
SMF 84.67 337 eP 44 31.60 2.1
LPF 84.67 340 eP 44 46.00 16.5X
1.4s 51.60nm
PRNI 84.68 308 eP 44 32.00 2.2
MZF 85.41 337 eP 44 34.10 0.8
1.4s 50.00nm 5.5mb
TCF 85.45 338 eP 44 34.10 0.6
LRG 86.80 334 eP 44 40.50 0.4
LMR 86.86 334 eP 44 41.00 0.6
S.D. = 1.1 on 58 of 62 obs.

FEB 11, 1985 17h 54m 13.12± 0.46s
39.079 N ± 3.9km 115.635 W ± 4.9km
DEPTH = 5.0km (geophysicist)
NEVADA (37)
ML 3.5 (NEIS).

EUR 0.48 327 iP 54 23.50 0.7
HCR 1.05 217 P 54 33.60 0.0
WRN 1.10 178 P 54 34.00 -0.3
OCS 1.33 190 P 54 38.50 0.2
KRNA 1.46 204 P 54 40.00 -0.3
NPN 1.53 159 P 54 42.40 1.1
BMN 1.82 318 P 54 44.80 -0.7
MNA 2.07 253 eP 54 49.50 0.3
i 54 52.90
iS 55 18.10
TMBR 2.13 196 P 54 49.80 -0.1
SVP 2.18 232 P 54 50.80 0.0
DUG 2.45 62 P 54 54.20 -0.3
MSU 2.76 101 P 54 59.00 -0.1
VPEM 3.57 210 P 55 10.00 -0.5
BDW 5.89 49 P 55 48.00 4.6X
S.D. = 0.6 on 13 of 14 obs.

FEB 11, 1985 18h 59m 52.62± 0.66s
58.244 N ± 6.6km 154.667 W ± 6.0km
DEPTH = 90.1 ± 5.4 km
4.7mb (21 obs.)
ALASKA PENINSULA (12)

KDC 1.26 112 iPc 00 15.50 -0.2
SVW 2.91 351 iPd 00 40.00 2.2
SDN 4.33 230 iPd 00 57.40 0.1
PME 4.42 37 eP 00 57.90 -0.7
TTA 4.75 352 e(P) 01 04.90 1.7
COL 7.44 23 eP 01 38.00 -2.3
FBA 7.44 23 iPc 01 38.80 -1.5
IMA 7.87 3 eP 01 47.20 0.9
BRW 13.14 357 e(P) 02 56.20 -0.4
INK 13.77 34 eP 03 04.00 -0.8
ADK 14.09 253 e(P) 03 09.30 0.2
0.3s 8.90nm 4.5mb
YKA 20.01 61 eP 04 20.30 0.3
YKC 20.08 61 ePd 04 21.00 0.3
0.6s 27.00nm 4.8mb
MBC 21.98 22 eP 04 41.00 1.4
0.5s 10.00nm 4.4mb
PNT 22.32 98 eP 05 04.00 20.7X
EDM 23.51 84 eP 05 02.00 7.2X
NEW 24.27 98 eP 05 24.00 21.8X
SES 26.22 88 eP 05 39.00 18.6X
DAG 42.40 14 iPc 07 37.20 -1.7
0.6s 4.00nm 4.4mb
SCH 45.30 54 eP 08 03.00 0.5
MAT 48.03 274 eP 08 24.00 -0.2
CN2 49.26 290 Pc 08 32.60 -0.9
SNY 51.64 289 eP 08 51.60 0.0
SOD 54.69 359 eP 09 12.00 -1.8
iPcP 10 13.60
BJI 56.65 293 P 09 27.50 -0.7
SUF 59.37 360 iP 09 45.50 -1.4
0.5s 2.30nm 4.6mb
NB2 60.54 8 P 09 53.20 -1.8
0.7s 3.10nm 4.5mb
NUR 61.59 0 eP 10 00.00 -2.0
XAN 64.92 294 eP 10 23.40 -0.9
WMO 65.92 315 eP 10 30.80 0.2
CD2 69.96 296 P 10 55.70 -0.2
BRG 70.85 8 eP 11 02.40 1.5
MOX 70.89 9 eP 11 02.00 0.8
GYA 72.26 291 P 11 09.60 -0.3
KHC 72.55 8 iPd 11 12.00 0.9
HAU 72.96 13 iPc 11 14.00 0.5
0.4s 2.20nm 4.4mb
LOR 73.36 15 eP 11 15.80 0.0
MFF 73.41 18 eP 11 16.50 0.4
0.9s 13.10nm 4.8mb
SSF 73.52 15 eP 11 17.10 0.4
0.3s 2.30nm 4.5mb
LBF 73.66 15 eP 11 17.70 0.1
0.4s 1.80nm 4.3mb
AVF 73.76 16 iPc 11 18.50 0.4
0.4s 5.60nm 4.8mb
BGF 73.92 16 iPc 11 19.30 0.3
0.4s 5.50nm 4.8mb
SMF 73.97 15 iPc 11 19.40 0.0
LSF 74.02 17 iPc 11 20.00 0.4
0.3s 4.30nm 4.8mb
TCF 74.09 16 eP 11 20.40 0.3
KBA 74.58 8 iPc 11 23.50 0.4
0.6s 15.20nm 5.0mb
RJF 74.94 17 eP 11 25.20 0.2
LFF 75.17 18 iPc 11 27.20 0.9

0.5s 5.90nm 4.7mb
CAF 75.39 17 eP 11 28.30 0.7
LPO 75.49 18 eP 11 28.80 0.7
0.3s 4.00nm 4.8mb
KKN 80.85 309 eP 11 58.40 0.5
0.6s 23.00nm 5.2mb
PKI 80.99 309 eP 11 59.40 0.6
0.7s 21.00nm 5.1mb
DMN 81.09 309 eP 12 00.00 0.8
0.7s 33.00nm 5.3mb
MHI 81.56 333 eP 12 02.00 0.7
LOE 82.32 291 eP 12 03.20 -2.2
NDI 83.20 316 iPc 12 09.70 -0.1
GBA 96.75 309 Pc 13 13.40 -0.6
0.6s 7.00nm 5.4mb
WRA 97.22 244 Pd 13 15.80 -0.1
0.5s 0.50nm 4.3mb
MTD 138.34 351 ePKP 19 09.00 0.0
BUL 141.87 355 iPKPc 19 11.00 -4.3X
0.8s 4.10nm
SLR 147.45 355 ePKP 19 27.50 3.0X
1.0s 47.00nm
BPI 147.90 355 ePKP 19 26.90 1.6
0.8s 16.42nm
SPA 148.07 180 e(PKP) 19 28.90 4.7X
EVA 148.17 354 iPKPc 19 29.60 3.9X
0.9s 36.97nm
BFS 148.66 358 iPKPc 19 30.40 4.0X
0.4s 25.42nm
VIR 149.83 357 ePKP 19 33.50 5.3X
0.2s 138.89nm
BLF 150.87 358 iPKPc 19 36.00 6.3X
0.5s 8.11nm
SUR 153.95 9 e(PKP) 19 52.70 18.6X
S.D. = 1.0 on 56 of 68 obs.

FEB 11, 1985 20h 36m 30.91± 0.72s
53.926 N ± 5.7km 170.130 W ± 3.3km
DEPTH = 231.8 ± 7.0 km
4.7mb (31 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS (9)

ADK 4.46 245 ePc 37 40.90 0.9
SDN 5.77 72 eP 37 53.90 -2.4
SVW 10.60 41 ePc 38 59.10 1.0
0.9s 214.60nm 5.4mb
KDC 10.63 62 ePc 38 55.20 -3.2X
TTA 11.64 34 ePc 39 12.20 0.9
PMR 13.54 47 eP 39 34.30 -0.5
PME 13.59 47 ePc 39 35.00 -0.6
0.3s 22.20nm 5.0mb
IMA 14.62 27 ePc 39 50.00 1.7
0.8s 75.30nm 5.1mb
COL 15.71 37 eP 40 00.00 -1.3
BRW 18.41 14 ePc 40 31.60 0.9
INK 22.32 36 iPc 41 08.90 -0.6
0.5s 43.00nm 5.2mb
pP 41 53.00
YKA 29.59 51 eP 42 14.90 -0.9
PNT 31.15 78 eP 42 30.00 0.4
0.7s 22.00nm 4.9mb
EDM 32.95 68 iPc 42 45.20 0.0
0.7s 148.00nm 5.7mb
NEW 33.10 78 iPc 42 47.10 0.5
e 43 34.00
WDC 34.28 93 ePc 42 57.50 0.9
MIN 34.98 93 eP 43 03.10 0.4
SES 35.51 71 eP 43 06.00 -0.9
0.7s 43.00nm 5.1mb
ORV 35.55 94 iPc 43 07.50 0.2
BKS 36.22 96 iP 43 13.50 0.6
0.7s 22.00nm 4.8mb
JAS1 37.25 95 iPc 43 22.80 1.2
BMN 37.52 89 iP 43 25.10 1.1
0.7s 7.44nm 4.4mb
PRS 37.77 98 eP 43 26.80 0.8
LLA 37.83 97 eP 43 27.60 1.1
MNA 38.25 92 iPc 43 31.00 0.9
FRI 38.30 95 eP 43 28.70 -1.6
PRI 38.31 97 iPc 43 31.80 1.2
FFC 38.33 60 eP 43 36.00 -0.4
0.9s 10.00nm 4.4mb
EUR 38.86 89 iP 43 35.20 -0.1
0.2s 68.38nm 5.9mb X
MAT 39.33 265 eP 43 38.00 -0.9
0.9s 12.60nm 4.4mb
CWC 39.63 95 eP 43 42.00 0.5

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11d  20h

ISA      39.93  96 eP     43 43.00  -0.8
CLC      40.34  95 eP     43 48.00   0.8
BDW      40.57  80 iP     43 49.60   0.4
         0.9s     8.89nm            4.2mb
SBB      40.99  96 eP     43 53.00   0.5
                e         45 48.00
GSC      41.16  95 eP     43 54.00   0.0
                e         45 39.00
PAS      41.17  97 eP     43 54.00   0.1
MWC      41.18  97 eP     43 55.00   0.8
                e         44 43.00
CN2      42.18 263 iPd    44 02.00   0.0
PLM      42.50  97 eP     44 05.00   0.1
                e         44 53.00
RSSD     42.94  75 P      44 09.20   0.7
         0.8s     4.93nm            4.0mb
RSON     44.63  61 iP     44 20.40  -1.1
         0.7s    23.34nm            4.7mb
                pP        45 10.30 234kmX
GOL      44.96  81 iP     44 24.90   0.3
         0.6s     9.67nm            4.3mb
                pP        45 12.00 219kmX
ALQ      47.53  87 eP     44 43.50  -1.2
         0.9s     4.20nm            3.8mb
                e         45 33.00
                e         46 11.00
FRB      47.98  36 eP     44 47.00  -0.5
DAG      48.31   9 iPc    44 49.90   0.0
         0.5s     3.52nm            4.0mb
                i         45 43.00
LHC      48.40  62 eP     44 50.00  -1.0
         0.6s    46.00nm            5.0mb
                pP        45 42.00 241kmX
BJI      49.90 286 eP     45 02.50   0.1
TIA      51.96 281 eP     45 17.70  -0.4
BTO      52.98 290 eP     45 26.00   0.4
LTX      53.18  89 iPd    45 27.00  -0.2
SSE      53.21 274 eP     45 26.80  -0.4
JCT      54.63  85 iP     45 36.30  -1.4
         0.8s    19.40nm            4.7mb
                e         46 23.00
SCH      54.65  44 eP     45 36.00  -1.5
FVM      54.71  72 iP     45 35.90  -2.2
         0.5s    54.58nm            5.4mb
XAN      58.23 285 P      46 02.40  -0.6
KJF      61.40 351 iP     46 24.00   0.0
WMQ      62.22 307 P      46 30.50   0.7
SUF      63.00 352 iP     46 34.70   0.2
         0.3s     2.70nm            4.5mb
CD2      63.47 287 P      46 38.80   0.7
GYA      65.16 281 P      46 49.20   0.1
NUR      65.31 352 iP     46 49.50   0.1
         0.8s    10.30nm            4.6mb
NB2      65.38 359 P      46 49.50  -0.4
         1.2s    10.50nm            4.5mb
KMI      68.45 283 eP     47 09.50  -0.4
PMG      72.67 225 eP     47 34.50  -0.3
LOE      75.04 279 eP     47 46.00  -2.5
CLL      75.10 358 e(P)   47 47.00  -1.4
KSP      75.47 356 eP     47 51.00   0.6
BRG      75.52 357 iP     47 50.90   0.2
MOX      75.79 359 eP     47 53.50   1.2
                e         48 51.00
KKN      76.06 298 eP     47 54.20   0.1
         0.7s    16.00nm            4.9mb
PKI      76.11 298 eP     47 54.80   0.0
         0.7s    11.00nm            4.7mb
DMN      76.23 298 eP     47 55.80   0.4
         0.7s    17.00nm            4.9mb
KHC      77.27 358 iP     48 02.00   1.5
         1.0s    14.00nm            4.6mb
ZST      78.07 355 e(P)   48 06.50   1.7
KBA      79.33 358 iPd    48 13.50   1.6
         0.8s    25.70nm            5.0mb
                i         49 11.30
                i         49 13.00
NDI      79.35 304 eP     48 11.50  -0.5
MHI      80.46 321 iPd    48 18.90   1.0
WB2      87.62 231 eP     48 53.20  -0.5
WRA      87.62 231 P      48 55.00   1.3
         0.3s     5.10nm            4.8mb
HYB      88.02 297 eP     48 55.50  -0.4
ASPA     91.05 229 eP     49 10.00   0.3
         0.8s    18.00nm            5.1mb
GBA      91.78 296 Pc     49 11.60  -1.7
         0.7s     3.80nm            4.5mb
SPA     143.74 180 ePKP   55 36.90  -1.3
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         1.0s     55.50nm
                  e          58 55.20
    S.D. = 1.0  on  83 of  84 obs.

* FEB  11, 1985  21h 09m 21.26± 2.37s
  16.746 N ±17.6km  100.217 W ±14.7km
  DEPTH =  30.0 ±  8.8 km
  4.6mb (  6 obs.)
 NEAR COAST OF GUERRERO, MEXICO  ( 58)
      Felt (IV) at Tecamachalco,
      Puebla.

III        1.77  24 iP     09 51.50    1.0
                    iS     10 14.50
PIO        2.03 100 iP     09 54.50    0.4
                    iS     10 20.50
TPM        2.48  26 iP     09 59.00   -1.7
CRX        2.69  11 ePd    10 03.20   -0.6
IIM        2.75  21 iP     10 06.00    1.5
                    i      10 43.00
UNM        2.75  21 eP     10 09.50    4.9X
                    iS     10 44.00
TAC        2.82  20 iP     10 09.00    3.5X
IIP        2.87  25 iP     10 07.00    0.8
IIT        2.90  38 iP     10 05.50   -1.2
                    iS     10 39.50
IIC        3.14  17 iP     10 10.00   -0.1
OXX        3.36  84 eP     10 12.80   -0.4
VHO        3.37  81 iP     10 13.50    0.2
                    iS     10 50.00
JCT       13.68   2 eP     12 38.00    2.4
           1.2s     17.19nm          4.8mb
ALQ       18.96 344 eP     13 41.00   -1.9
           1.0s      7.00nm          3.8mb
TUL       19.49  11 eP     13 47.20   -1.7
           1.2s     52.20nm          4.7mb
RLO       19.89  12 e(P)   13 39.20  -13.9X
BDW       27.15 345 eP     15 05.00    0.9
           1.3s      6.04nm          4.1mb
FFC       37.93 358 eP     16 36.00   -1.6X
           1.0s     10.00nm          4.6mb
YKC       46.77 351 ePc    17 49.00   -0.5
           0.9s      9.00nm          4.8mb
YKA       46.80 351 eP     17 50.10    0.4
INK       55.68 346 eP     18 57.00    0.2
COL       57.68 338 eP     19 11.00    0.0
MBC       60.35 355 eP     19 29.50    0.1
      S.D. = 1.2  on  19 of  23 obs.

* FEB  11, 1985  22h 38m 53.63± 0.94s
  16.458 N ±13.0km   95.914 E ±10.4km
  DEPTH =  33.0km  (normal)
  4.0mb (  2 obs.)
 SOUTH BURMA                       (298)

KHT        3.07 122 ePn    39 40.20   -0.8
                    iSg    40 38.00
CHG        3.72  51 iPn    39 51.80    1.6
                    iPg    40 08.00
                    iSn    40 39.60
                    iSg    40 59.00
                    iLg    40 59.50
NST        4.13 100 ePn    39 55.80   -0.2
                    eSg    41 04.60
NNT        5.34 136 ePn    40 13.60    0.5
                    eSg    41 57.00
LOE        5.65  80 eP     40 16.80   -0.7
SHL        9.81 338 iP     41 14.00   -1.7
KMI       10.72  35 eP     41 34.50    6.2X
PKI       14.73 320 eP     42 25.00    3.3X
           0.6s      3.00nm          3.9mb
DMN       14.94 320 eP     42 25.40    0.9
           0.5s      5.00nm          4.1mb
KKN       14.96 321 eP     42 23.80   -0.9
NDI       21.09 308 eP     43 38.80    1.2
      S.D. = 1.3  on   9 of  11 obs.

? FEB  12, 1985  00h 21m 55.22± 4.50s
  37.521 N ±42.0km   19.970 E ±17.1km
  DEPTH =  10.0km  (geophysicist)
  3.8mb (  2 obs.)
 IONIAN SEA                        (399)

VLS        0.82  37 ePg    22 11.00   -0.1
                    eSg    22 21.00
ATH        3.00  80 ePb    22 55.00   11.3X
                    ePg    23 01.00
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                               eSn    23 28.50
                               eSb    23 35.50
KZN         3.12  26 ePg      22 56.00   10.6X
LCI         3.22 331 e(Pn)    22 56.50    9.8X
OHR         3.64  10 iPn      22 54.00    1.1
ORI         3.73 314 ePn      23 01.50    7.4X
VAY         4.30  27 ePn      23 02.00   -0.1
SKO         4.59  14 ePn      23 05.40   -0.8
                     i        23 20.20
KHC        12.50 340 eP       24 55.50   -0.4
NB2        24.18 350 P        27 12.60    0.2
            0.8s      1.20nm            3.6mb
SUF        25.51   7 eP       27 25.00    0.0
            0.6s      2.50nm            4.1mb
      S.D. = 0.7  on   7 of  11 obs.

  FEB  12, 1985  00h 25m 05.37± 0.34s
  32.956 N ± 5.8km   96.544 E ± 4.7km
  DEPTH =  33.0km  (normal)
  4.8mb (  7 obs.)
 QINGHAI PROVINCE, CHINA           (325)

CD2         6.46 106 eP       26 54.00   13.3X
LZH         6.79  61 eP       26 45.00   -0.4
                     Lg       28 41.50
GTA         6.96  21 Pn       26 47.70   -0.1
                     Lg       28 43.00
SHL         8.41 210 iP       27 07.20   -0.9
KMI         9.50 144 eP       27 22.50   -0.7
                     S        28 51.00
XAN        10.39  81 eP       27 35.00   -0.2
GYA        10.92 124 eP       27 48.20    5.7X
KKN        11.00 245 eP       27 43.50   -0.3
            0.6s     24.00nm            5.6mb
PKI        11.02 244 eP       27 44.00   -0.1
            0.6s     23.00nm            5.6mb
DMN        11.23 245 eP       27 46.80   -0.1
            0.7s     25.00nm            5.5mb
TIA        17.25  73 eP       29 06.00    0.7
HYB        22.41 231 eP       30 04.00    1.5
CN2        24.99  56 eP       30 27.20   -0.2
GBA        25.98 227 Pd       30 36.70   -0.1
            0.9s     13.20nm            4.5mb
KJF        51.71 329 iP       34 10.50   -0.6
SOD        52.34 333 eP       34 18.00    2.2X
SUF        52.37 327 iP       34 16.60    0.5
            0.4s      1.50nm            4.3mb
NB2        59.58 326 P        35 07.60   -0.3
            0.6s      1.10nm            4.2mb
WRA        63.81 140 P        35 38.00    1.3
            0.6s      1.40nm            4.2mb
WB2        63.81 140 eP       35 36.70    0.0
      S.D. = 0.7  on  17 of  20 obs.

& FEB  12, 1985  00h 47m 52.35s
  62.202 N           151.086 W
  DEPTH =  73.8km
 CENTRAL ALASKA                      (  1)
         <AGS-P>.

SKT         0.31 223 iP       48 03.57   -0.6
SUA         0.76 167 iP       48 08.10   -0.4
PWA         0.80 134 iP       48 08.25   -0.5
MSE         1.06 109 iP       48 11.61   -0.6
                     eS       48 26.87
GHO         1.11 112 iP       48 12.34   -0.4
SPU         1.12 205 iP       48 12.02   -0.9
                     eS       48 28.44
PME         1.13 120 eP       48 12.44   -0.5
PMS         1.20 142 eP       48 13.42   -0.5
SML         1.36 106 iP       48 15.39   -0.6
NKA         1.47 183 iP       48 19.01    1.7
KNK         1.48 121 iP       48 16.71   -0.9
                     eS       48 36.62
PTE         1.67 143 eP       48 18.76   -1.3
SLKM        1.75 166 eP       48 20.10   -1.2
RDT         1.75 202 eP       48 20.68   -0.7
SCM         1.81 100 eP       48 19.99   -2.1
                     eS       48 43.99
CFI         1.88 121 iP       48 21.57   -1.4
PWL         1.88 134 eP       48 21.26   -1.8
                     iS       48 43.73
MPA         1.91 153 eP       48 22.05   -1.3
NNL         2.17 183 eP       48 27.75    0.8
ILM         2.19 203 eP       48 26.37   -1.0
SEW         2.25 159 eP       48 28.83    0.8
TTA         2.40 290 eP       48 28.68   -1.6
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SVW	2.43	245	eP	48	29.04	-1.5
BRLK	2.45	178	eP	48	31.22	0.3
VLZ	2.51	113	eP	48	29.52	-2.1
KLU	2.55	104	eP	48	30.19	-2.2
PDB	2.86	213	eP	48	35.64	-0.9
HIN	2.86	127	eP	48	33.97	-2.6
BALM	4.33	102	eP	48	54.27	-3.1

29 obs. associated

• FEB 12, 1985 04h 14m 47.77± 2.87s
44.856 N ± 8.3km 113.410 W ±33.4km
DEPTH = 5.0km (geophysicist)
EASTERN IDAHO (457)
ML 3.2 (BUT).

HPI	1.17	169	eP	15	10.50	0.3
LRM	1.18	35	ePn	15	09.60	-0.8
			ePg	15	12.20	
BUT	1.30	27	ePg	15	14.00	1.5X
			eSg	15	31.00	
LCCM	1.46	47	ePn	15	14.80	-0.2
			ePg	15	17.00	
TMI	1.89	145	eP	15	20.70	-0.5
IMW	2.01	118	eP	15	23.00	-0.1
SXM	2.02	49	ePn	15	24.30	1.3
			ePg	15	26.40	

S.D. = 0.9 on 6 of 7 obs.

% FEB 12, 1985 04h 20m 01.29± 0.79s
33.272 S ± 7.3km 70.935 W ± 8.9km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

PEL	0.25	59	iPd	20	09.10	0.7
			iS	20	17.50	
ROCH	0.31	348	iPd	20	09.20	-0.2
			iS	20	17.50	
BACH	0.38	102	iPd	20	10.40	0.2
			iS	20	19.70	
TACH	0.38	180	iPc	20	11.00	0.8
			iS	20	20.50	
FCH	0.54	96	iPc	20	12.00	-0.8
			iS	20	22.40	
CHCH	0.70	160	iPd	20	14.50	-0.3
			iS	20	26.60	
LNV	0.79	210	iP	20	15.50	-0.4
			iS	20	28.00	

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

? FEB 12, 1985 04h 25m 57.18± 1.70s
6.672 S ±18.1km 130.764 E ±35.0km
DEPTH = 33.0km (normal)
BANDA SEA (280)

AAI	3.92	319	eP	26	56.50	0.0
MTN	6.15	177	eP	27	33.00	4.9X
			eS	28	42.00	
KNA	9.23	192	eP	28	11.00	-0.1
			eS	29	50.00	
WRA	13.64	166	Pd	29	10.30	-0.5
	0.2s		3.90nm			4.9mb X
WB2	13.65	166	eP	29	10.70	-0.1
			i	29	18.20	
			eS	31	39.30	
ASPA	17.16	170	eP	29	57.00	0.7
			eS	33	03.00	

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

FEB 12, 1985 04h 59m 32.37± 0.63s
45.323 N ± 7.5km 11.018 E ± 4.2km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 3.0 (TRI)

SAL	0.45	310	ePg	59	47.00	5.5X
			eSg	59	58.00	
CTI	0.85	31	iPgc	59	46.50	-2.3
			iSg	59	58.50	
OGA	1.55	0	iPgd	00	01.50	1.3
TRI	1.97	78	iPgd	00	00.70	-5.4X
VOY	2.14	70	ePn	00	07.50	-1.1
			iSn	00	30.10	
			i(Sg)	00	33.20	
GAP	2.15	1	ePn	00	08.00	-0.9
ORO	2.16	279	ePn	00	08.80	-0.2
	0.2s		66.00nm			
KBA	2.39	42	iPnc	00	12.90	0.6
			iPg	00	16.00	
			iSn	00	37.10	
			iSg	00	43.80	
			i	00	44.50	
CEY	2.43	79	e(Pn)	00	12.70	-0.1
			e	00	34.40	
			eSg	00	40.70	
LJU	2.57	72	iPn	00	15.20	0.5
			eSn	01	09.70	
			eSg	01	44.80	
BHG	2.72	27	eP	00	22.20	5.3X
CVF	3.16	210	Pn	00	24.00	0.9
			Sn	01	03.20	
FRF	3.59	242	Pn	00	32.40	3.2X
			Sn	01	16.80	
LMR	3.80	240	Pn	00	35.10	2.9X
			Sn	01	21.40	
LRG	3.83	242	Pn	00	36.10	3.6X
			Sn	01	24.40	
BSF	3.85	312	Pn	00	34.20	1.2
			Sn	01	18.40	
CDF	4.02	322	Pn	00	35.80	0.5
GRB1	4.09	6	e(Pg)	00	50.00	13.7X
			eSg	01	41.60	
HAU	4.19	312	Pn	00	38.00	0.3
			Sn	01	28.10	
KHC	4.19	24	Pg	00	39.80	2.1
			Sg	01	43.50	
LBF	5.17	291	Pn	00	51.40	-0.2
			Sn	01	51.60	
SMF	5.17	287	Pn	00	51.60	-0.1
			Sn	01	51.40	
PRU	5.24	26	eP	01	09.50	16.9X
			Sg	02	20.00	
LOR	5.33	294	Pn	00	53.40	-0.5
			Sg	01	55.70	
AVF	5.53	288	Pn	00	56.40	-0.4
BGF	5.83	285	Pn	01	00.60	-0.3
MZF	5.97	282	Pn	01	02.20	-0.7
TCF	6.23	282	Pn	01	06.10	-0.5

S.D. = 1.0 on 20 of 28 obs.

? FEB 12, 1985 06h 00m 50.69± 0.65s
49.919 S ±17.4km 119.798 E ±19.2km
DEPTH = 10.0km (geophysicist)
4.7mb (5 obs.)
SOUTH OF AUSTRALIA (437)

ADE	20.36	50	e(P)	05	29.20	-0.7
WRA	32.08	26	Pc	07	25.10	5.2X
	1.5s		13.80nm			4.7mb
CTA	36.44	45	iPc	07	57.80	0.4
	0.8s		5.97nm			4.5mb
SPA	40.27	180	e(P)	08	30.50	1.3
BUL	75.60	256	eP	12	35.50	-2.1
	0.9s		4.62nm			4.5mb
KMI	76.23	344	Pd	12	42 00	1.0
PKI	82.98	330	eP	13	18.40	1.0
	1.0s		12.00nm			5.0mb
DMN	83.11	329	eP	13	18.00	0.0
KKN	83.22	330	eP	13	18.60	0.1
	1.0s		28.00nm			5.4mb
MBC	145.10	21	ePKP	20	27.00	-1.2
LRM	145.30	76	ePKP	20	28.80	-1.0
BDW	145.71	83	ePKP	20	29.00	-1.6
	1.2s		4.93nm			
GOL	146.83	90	ePKP	20	33.70	1.2
	1.5s		18.87nm			
YKA	148.26	46	ePKP	20	36.60	2.9X
YKC	148.32	46	ePKP	20	36.00	2.2X
DAG	148.66	343	iPKPc	20	35.70	1.7
	0.8s		5.97nm			
RSSD	149.90	84	ePKP	20	41.00	3.8X
	1.0s		6.50nm			

S.D. = 1.4 on 13 of 17 obs.

? FEB 12, 1985 09h 25m 45.78± 2.83s
3.786 S ±18.9km 149 647 E ±26.9km
DEPTH = 125.3 ± 24.3 km
4.3mb (3 obs.)
BISMARCK SEA (203)

LAT	3.88	223	eP	26	44.70	0.0
MDG	4.12	249	eP	26	52 00	4.1X
LMG	5.30	196	eP	27	09.00	4.9X
PMG	6.11	204	eP	27	15.50	0.5
CTA	16.54	191	iPd	29	30.50	-1 2
	0.9s		4.62nm			3.8mb
WB2	21.92	222	iPd	30	30.70	0.7
WRA	21.92	222	Pd	36	30.50	0.5
	0.5s		8.30nm			4.4mb
ASPA	24.94	216	eP	31	03.00	4.0X
KLB	40.78	224	eP	33	37.00	20.8X
CHTO	54.72	296	eP	35	03.70	-1.0
	0.8s		3.66nm			4.4mb
COL	82.14	22	eP	37	54.00	0.5
YKA	96.00	28	eP	39	04.70	5.1X

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

• FEB 12, 1985 09h 38m 22.81± 1.48s
16.824 N ±11.2km 100.011 W ±12.3km
DEPTH = 39.5 ± 11.5 km
4.3mb (6 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)
Felt (V) at Acapulco, Guerrero
and Tecomachalco, Puebla.

ACX	0.15	73	iPc	38	28.00	-1.7
			iS	38	33.00	
III	1.63	18	iP	38	50.00	0.3
			iS	38	14.50	
PIO	1.86	103	iP	38	53.00	0.3
TPM	2.33	23	iP	38	38.00	-1.7
CRX	2.59	7	ePd	39	03.60	0.1
IIM	2.61	17	eP	39	05.50	1.7
			iS	39	42.00	
MEX	2.61	17	eP	39	05.40	1.6
UNM	2.62	17	eP	39	06.50	2.6X
TAC	2.68	17	eP	39	05.00	0.2
			iS	39	41.50	
IIP	2.72	22	iP	39	06.10	0.8
IIT	2.72	36	iP	39	04.50	-0.8
			iS	39	36.50	
IIC	3.01	14	iP	39	09.20	-0.3
			iS	39	52.50	
OXX	3.16	85	eP	39	13.00	1.5
VHO	3.16	82	iP	39	12.00	0.4
			iS	39	49.50	
COM	7.58	93	eP	40	13.50	-0.4
JCT	13.59	1	e(P)	41	33.00	-2.4
BHO	18.08	14	e(P)	42	34.60	1.9
	0.9s		4.30nm			3.6mb
ALO	18.94	343	eP	42	41.00	-2.5
	1.0s		5.75nm			3.8mb
TUL	19.38	10	eP	42	47.90	-0.4
	0.9s		24.60nm			4.5mb
RLO	19.77	12	eP	42	48.30	-4.2X
			e	42	53.00	
PLM	22.39	320	eP	43	21.00	1.6
TPC	22.44	323	eP	43	20.00	0.3
GSC	23.73	324	eP	43	33.00	0.7
SBB	23.89	321	eP	43	36.00	2.1
CLC	24.55	324	eP	43	42.00	1.8
ISA	24.94	322	eP	43	46.00	1.9
EUR	26.52	332	iP	43	58.50	-0.4
	0.5s		2.66nm			4.1mb
EDM	37.80	347	eP	45	36.00	-1.0
FFC	37.86	358	eP	45	36.00	-1.4
	1.0s		13.00nm			4.8mb
YKC	46.72	351	eP	46	48.50	-1.0
	1.0s		11.00nm			4.8mb
YKA	46.76	351	eP	46	49.70	-0.1
FRB	51.61	17	eP	47	28.00	0.8
INK	55.66	346	eP	47	56.00	-1.0
COL	57.68	338	eP	48	10.00	-1.4
MBC	60.29	355	eP	48	28.00	-1.4
GBA	149.66	5	PKPc	58	05.60	-0.3
	0.2s		7.60nm			

S.D. = 1.4 on 34 of 36 obs.

FEB 12, 1985 11h 02m 20.44± 0.50s
46.552 N ± 7.3km 3.113 E ± 5.8km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.6 (LDG).

BGF	0.18	272	Pg	02	24.40	-0.2
AVF	0.29	35	Pg	02	26.70	0.2
			Sg	02	30.80	
MZF	0.50	228	Pg	02	29.80	-0.7
			Sg	02	36.40	
SMF	0.51	79	Pg	02	30.40	-0.4
SSF	0.58	28	Pg	02	32.10	0.0
			Sg	02	38.80	

12d 11h

TCF	0.68	247	Pg	02 33.30	-0.6
			Sg	02 42.00	
LBF	0.74	54	Pg	02 34.80	-0.1
			Sg	02 44.80	
LOR	0.88	35	Pg	02 37.60	0.2
			Sg	02 49.60	
LSF	1.14	255	Pg	02 41.80	0.1
			Sg	02 55.50	
RJF	1.67	222	Pg	02 51.80	1.9
			Sg	03 12.80	
CAF	1.78	265	Pn	02 51.20	-0.3
			Pg	02 54.00	
			Sg	03 16.40	
S.D. = 0.8			on	11 of 11 obs.	

* FEB 12, 1985 14h 04m 58.25± 0.86s
60.306 N ± 6.1km 5.272 E ±11.4km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)

ASK	0.18	348	iPg	05 02.50	0.2
			iSg	05 05.50	
ODD	0.78	116	iPn	05 13.40	-0.1
			iPg	05 15.90	
			iSn	05 25.80	
			iSg	05 27.90	
SUE	0.79	342	ePn	05 13.40	-0.3
			iPg	05 15.30	
			iSn	05 24.80	
			iSg	05 27.60	
HYA	0.97	27	iPn	05 16.80	0.1
			ePg	05 18.30	
			iSn	05 30.50	
			iSg	05 32.70	
KMY	1.10	181	iPn	05 18.90	0.1
			iSn	05 34.70	
S.D. = 0.3			on	5 of 5 obs.	

% FEB 12, 1985 14h 10m 56.30± 0.95s
31.489 S ±13.2km 67.796 W ± 7.6km
DEPTH = 33.0km (normoi)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.40	253	iPd	11 05.10	-0.3
			S	11 11.30	
RTLL	0.60	285	iPd	11 08.50	0.1
			S	11 18.00	
RTCV	0.73	239	iPd	11 10.40	0.2
			S	11 22.60	
TCA	2.74	88	ePd	11 39.00	0.0
			e	11 44.30	
			S	12 18.50	
RFA	3.32	190	ePd	11 47.30	0.1
			S	12 39.40	
S.D. = 0.3			on	5 of 5 obs.	

% FEB 12, 1985 15h 13m 18.88± 0.85s
33.439 S ± 5.3km 70.970 W ± 7.7km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)

TACH	0.22	173	iPd	13 23.90	0.3
			iS	13 27.00	
PEL	0.38	39	iPc	13 27.20	0.5
			iS	13 32.70	
BACH	0.41	78	iPc	13 27.40	0.1
			iS	13 33.00	
PCH	0.42	116	iPd	13 27.20	-0.3
CHCH	0.56	152	iPd	13 30.10	-0.2
			iS	13 38.30	
FCH	0.58	79	iPc	13 26.00	-4.8X
LNV	0.63	215	iPc	13 31.50	-0.1
			iS	13 40.30	
JACH	0.82	23	iP	13 34.30	-0.5
			i(S)	13 46.00	
S.D. = 0.4			on	7 of 8 obs	

& FEB 12 1985 15h 50m 37.51s
62.560 N 149.135 W
DEPTH = 61.4km
CENTRAL ALASKA (1)
<AGS-P>.

MSE	0 73	174	iP	50 51.45	-1.0
			eS	51 02.50	
GHO	0.80	173	iP	50 52.52	-0.7
			eS	51 04.26	
SML	0.84	153	iP	50 53.03	-0.7
PME	0.94	177	eP	50 54.22	-0.7
			eS	51 08.45	
PWA	0.98	201	iP	50 54.61	-0.8
SCM	1.12	130	eP	50 57.04	-0.4
			eS	51 12.82	
KNK	1.20	164	iP	50 58.14	-0.3
SKT	1.26	244	iP	50 58.54	-0.8
PMS	1.34	189	eP	50 59.70	-0.6
SUA	1.34	215	eP	50 59.66	-0.8
			iS	51 18.61	
CFI	1.53	154	iP	51 02.64	-0.2
PTE	1.70	178	eP	51 04.62	-0.7
PWL	1.75	167	eP	51 05.46	-0.6
			eS	51 27.70	
KLU	1.86	124	iP	51 07.25	-0.3
VLZ	1.96	136	eP	51 07.75	-1.1
			eS	51 34.76	
SPU	1.96	226	eP	51 08.22	-0.7
MPA	2.08	183	eP	51 10.69	0.1
NKA	2.08	210	eP	51 12.70	2.1
SLKM	2.12	195	eP	51 10.75	-0.5
FBA	2.42	14	eP	51 14.68	-0.7
SEW	2.47	184	eP	51 16.01	0.0
HIN	2.51	149	eP	51 15.51	-1.2
RDT	2.53	220	eP	51 15.91	-1.1
NNL	2.73	203	eP	51 20.29	0.5
SGAM	2.79	136	eP	51 19.27	-1.4
BRLK	2.93	198	iP	51 22.63	0.0
ILM	2.97	218	eP	51 21.88	-1.4
TTA	3.19	280	eP	51 23.88	-2.5
BALM	3.57	112	eP	51 30.17	-1.5
PDB	3.71	224	eP	51 32.14	-1.4
YAH	4.17	119	eP	51 38.22	-2.1
31 obs. ossocioted					

* FEB 12, 1985 18h 01m 32.92± 0.81s
41.936 N ± 9.4km 20.437 E ± 8.7km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.4 (TTG).

PVY	0.74	333	ePg	01 47.00	-0.6
			eSg	01 58.50	
SKO	0.75	87	iPgc	01 48.10	0.5
0.3s 80.00nm					
			iSg	02 00.10	
OHR	0.87	162	iPg	01 49.00	-0.6
			iSg	02 02.90	
TTG	1.00	300	ePg	01 51.00	-0.9
			eSg	02 06.60	
IVA	1.02	337	ePg	01 51.50	-0.7
HCY	1.53	290	ePn	02 01.00	0.7
			eSn	02 26.00	
BRY	1.70	305	ePn	02 04.50	1.6
			eSn	02 31.00	
VAY	1.71	110	ePn	02 06.40	3.5X
S.D. = 1.2			on	7 of 8 obs.	

FEB 12, 1985 19h 05m 28.22± 1.02s
16.205 S ±13.6km 69.787 W ±13.1km
DEPTH = 235.1 ± 8.6 km
PERU-BOLIVIA BORDER REGION (118)

LPB	1.65	102	iP	06 06.80	-0.4
			S	07 08.00	
ARE	1.66	261	iPc	06 07.20	0.1
			iS	06 35.50	
CNCB	1.83	109	iP	06 09.30	0.4
			S	07 07.00	
TPZ	5.33	169	iPc	07 05.00	16.4X
YJA	7.18	146	ePc	07 12.40	0.2
SLA	9.38	155	eP	07 39.20	-1.0
TCA	15.79	163	ePc	09 00.50	0.5
RFA	18.53	177	e(P)	09 24.00	-5.6X
VAO	22.52	111	e(P)	10 10.00	0.8
VBA	22.83	164	ePc	10 14.50	2.5X
KIC	68.14	76	iP	16 04 80	-0.6
YKA	85.94	341	eP	17 45.90	3.4X
GBA	148.24	90	PKPc	24 50.90	5.9X
0.7s 2.80nm					
S.D. = 0.8			on	8 of 13 obs.	

% FEB 12, 1985 19h 25m 19 10± 1.02s
33.447 S ± 6.4km 70.956 W ± 7.9km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)

TACH	0.21	176	iPd	25 24.00	0.4
			iS	25 27.30	
PEL	0.38	37	iPc	25 27.20	0.3
			iS	25 32.90	
BACH	0.40	77	iP	25 27.40	0.1
			iS	25 33.50	
PCH	0.41	115	iPd	25 27.50	0.0
			iS	25 34.50	
CHCH	0.55	153	iPc	25 30.20	0.0
FCH	0.57	78	iP	25 30.30	-0.6
LNV	0.63	217	iP	25 31.50	-0.3
S.D. = 0.4			on	7 of 7 obs.	

% FEB 12, 1985 19h 55m 33.31± 2.32s
33.639 S ± 6.6km 71.596 W ±17.2km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.35	154	iPc	55 40.60	0.1
			iS	55 47.10	
TACH	0.55	92	iPc	55 44.60	0.2
ROCH	0.83	37	iP	55 49.50	0.0
CHCH	0.84	111	iP	55 49.40	-0.1
			iS	56 02.70	
PCH	0.90	89	iPd	55 50.50	-0.2
PEL	0.91	57	iPd	55 50.60	-0.1
			iS	56 04.50	
BACH	0.97	73	iPd	55 51.90	0.2
			i(S)	56 06.40	
S.D. = 0.2			on	7 of 7 obs.	

FEB 12, 1985 20h 44m 40.75± 0.51s
17.900 N ± 6.2km 98.157 W ± 6.8km
DEPTH = 33.0km (normoi)
GUERRERO, MEXICO (59)

IIT	1.12	353	iP	45 00.00	-0.5
			iS	45 12.50	
III	1.33	291	iP	45 03.50	0.1
			iS	45 18.50	
TPM	1.38	322	iP	45 04.00	0.0
PIO	1.50	179	iP	45 05.00	-0.6
			iS	45 22.00	
VHO	1.51	116	iP	45 07.00	1.0
			iS	45 29.00	
OXX	1.59	121	iP	45 06.80	-0.4
IIP	1.61	334	iP	45 07.50	0.0
MEX	1.72	326	eP	45 09.20	0.1
UNM	1.72	326	iP	45 10.00	0.9
			iS	45 34.00	
LJX	1.89	30	eP	45 11.40	-0.2
CRX	2.08	316	iPd	45 15.00	0.7
IIC	2.13	331	iP	45 14.00	-1.0
			iS	45 39.50	
S.D. = 0.7			on	12 of 12 obs.	

& FEB 12, 1985 22h 09m 38.35s
60.189 N 152.460 W
DEPTH = 93.9km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.18	268	eP	09 51.44	1.1
RDT	0.39	4	iP	09 52.76	-0.3
			eS	10 05.00	
NNL	0.60	104	eP	09 55.10	0.6
NKA	0.82	47	iP	09 58.16	1.5
			iS	10 12.14	
BRLK	0.90	118	iP	09 56.95	-0.6
AUL	0.95	212	eP	09 57.24	-0.8
PDB	0.96	246	iP	09 56.90	-1.2
			iS	10 12.08	
SPU	1.02	11	iP	09 58.16	-0.7
			eS	10 14.17	
SLKM	1.16	73	eP	09 59.53	-1.0
			eS	10 16.52	
SEW	1.51	92	eP	10 03.08	-1.7
SUA	1.53	33	eP	10 04.56	-0.6
			eS	10 24.61	
MPA	1.57	78	eP	10 04.13	-1.4
			iS	10 24.76	
PMS	1.78	52	eP	10 07.18	-1.1
			eS	10 29.98	
SVW	1.81	302	iP	10 06.51	-2.2
PTE	1.83	67	eP	10 06.95	-2.0
			iS	10 30.46	
SKT	1.85	14	eP	10 07.88	-1.4

PWL	2.15	70	iP	10	10.70	-2.5
KNK	2.32	56	eP	10	13.13	-2.3
			eS	10	41.35	
GHO	2.34	46	eP	10	13.51	-2.4
MSE	2.37	44	eP	10	13.93	-2.4
KDC	2.45	180	eP	10	13.71	-3.5
CFI	2.52	65	eP	10	15.88	-2.2
			eS	10	45.03	
SML	2.58	49	eP	10	16.62	-2.5
			eS	10	43.05	
GLI	2.74	73	eP	10	19.98	-1.2
HIN	2.97	83	eP	10	22.29	-2.1
SCM	2.99	54	eP	10	21.68	-3.1
FID	3.01	77	eP	10	22.53	-2.4
VZW	3.04	71	eP	10	22.52	-2.8
VLZ	3.16	70	eP	10	23.27	-3.7
KLU	3.46	65	eP	10	27.96	-3.2
BALM	5.06	76	eP	10	50.75	-2.5
YAH	5.34	83	eP	10	55.23	-2.0

32 obs. associated

% FEB 12, 1985 22h 09m 45.30± 0.87s
33.434 S ± 7.9km 70.797 W ±10.9km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

TACH	0.25	208	iPc	09	55.50	3.0X
			iS	10	08.00	
BACH	0.27	72	iPd	09	53.90	1.2
			i(S)	10	04.50	
PCH	0.30	128	iP	09	54.00	0.8
			iS	10	05.50	
PEL	0.30	18	iPd	09	54.50	1.3
			iS	10	05.70	
FCH	0.44	76	iP	09	53.80	-1.5
ROCH	0.49	339	iP	09	57.00	1.0
			iS	10	10.30	
CHCH	0.51	166	iPc	09	56.10	-0.1
			iS	10	08.90	
LNV	0.73	224	eP	09	58.50	-0.6
			iS	10	15.10	
JACH	0.77	13	iPd	09	57.70	-2.1
			iS	10	11.00	

S.D. = 1.5 on 8 of 9 obs.

% FEB 12, 1985 22h 46m 22.77± 1.61s
17.294 N ±22.0km 95.106 W ± 9.9km
DEPTH = 190.2 ± 30.3 km
OAXACA, MEXICO (60)

VHO	1.55	268	iP	46	56.50	-0.2
			iS	47	22.00	
OXX	1.56	262	iP	46	57.00	0.3
PIO	3.03	253	iP	47	12.50	-0.2
COM	3.04	110	iP	47	13.00	0.0
IIT	3.50	300	iP	47	18.50	-0.2
TPM	4 12	295	iP	47	26.50	0.0
			eS	48	15.50	
III	4.29	285	iP	47	29.00	0.3
IIC	4.64	303	eP	47	33.40	0.0

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

% FEB 12, 1985 22h 54m 19.94± 5.05s
32.377 S ±35.0km 71.506 W ±19.0km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

ROCH	0.73	145	iPd	54	34.20	-0.2
			iS	54	47.20	
JACH	0.83	112	iPc	54	36.00	0.0
			iS	54	51.70	
PEL	1.03	138	iP	54	39.50	0.0
			iS	54	56.60	
BACH	1.29	139	iPc	54	43.80	-0 2
			iS	55	04.50	
TACH	1.36	160	eP	54	45.50	0.6
PCH	1.49	146	iP	54	46.70	-0.2
LNV	1.58	177	iP	54	47.50	-0.5
			iS	55	11.00	
CHCH	1.71	155	iP	54	50.30	0.3

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

• FEB 13, 1985 00h 02m 41.03± 1.02s
41.913 N ±11.8km 20.304 E ±11.0km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.7 (PVY).

PVY	0.72	340	ePg	02	55.10	-0.3
			eSg	03	07.50	
SKO	0.85	86	iPgc	02	56.40	-1.0
	0.3s		70.00nm			
			iSg	03	08.90	
OHR	0.88	155	iPg	02	57.30	-0.7
			iSg	03	11.20	
TTG	0.93	304	ePg	02	59.00	0.2
			eSg	03	13.50	
BRY	1.64	308	ePn	03	14.50	4.4X
			eSn	03	40.00	
VAY	1.80	108	ePn	03	14.00	1.7

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

• FEB 13, 1985 00h 11m 21.64± 1.05s
4.234 S ± 9.9km 144.608 E ±11.1km
DEPTH = 38.3 ± 13.7 km
4.8mb (3 obs.)
NEAR N COAST OF PAPUA NEW GUINEA(200)

WEW	1.19	305	eP	11	42.00	0.0
MDG	1.54	131	eP	11	46.50	-0.6
TZZ	3.53	253	eP	12	21.50	6.0X
PMG	5.73	154	eP	12	47.00	0.5
WB2	18.54	212	eP	15	37.50	0.1
WRA	18.55	212	Pd	15	37.70	0.2
	0.3s		5.50nm		4.2mb	
KNA	19.33	233	eP	15	46.00	-0.8
KKN	65.37	303	iPd	22	03.00	-0.1
	0.6s		7.00nm		4.9mb	
DMN	65.46	303	iPd	22	04.00	0.3
	0.5s		6.00nm		4.9mb	

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

• FEB 13, 1985 00h 28m 44.55± 0.57s
59.493 S ±13.9km 19.801 W ± 7.5km
DEPTH = 10.0km (geophysicist)
4.8mb (4 obs.)
SOUTHWESTERN ATLANTIC OCEAN (156)

SPA	30.68	180	e(P)	35	01.00	-0.2
VAO	41.20	320	eP	36	31.90	1.1
			e	36	36.90	
TACH	42.15	285	iP	36	38.00	-0.4
PEL	42.43	285	iPd	36	40.50	-0.3
BLF	43.41	66	e(P)	36	50.50	1.6
VIR	44.60	66	eP	36	58.00	-0.5
	1.0s		24.00nm		5.0mb	
BFS	45.56	65	e(P)	37	07.80	1.6
EVA	46.97	67	eP	37	19.00	1.6
SLR	47.25	66	eP	37	20.00	0.4
BAO	48.43	323	e(P)	37	29.00	0.2
TPZ	51.30	296	P	37	41.30	-9.8X
BUL	52.22	63	eP	37	56.00	-1.8
	1.0s		4.50nm		4.4mb	
ITR	52.55	337	eP	37	59.40	-0.7
			e	38	04.50	
SOB1	52 65	333	eP	37	59.80	-1.1
CNCB	55.04	299	iP	38	20.00	0.9
LPB	55.33	299	Pd	38	21.00	-0.1
			S	46	14.00	
			LR	55	20.00	
LSZ	56 31	60	iP	38	27.00	-0.7
	1.0s		8.10nm		4.7mb	
MTD	56.51	64	eP	38	27.00	-2.2
ARE	56.93	296	eP	38	33.00	0.6
KIC	66.73	16	eP	39	37.60	-0.2
BNG	70.56	41	iPc	40	01.70	0.2
	0.9s		9.00nm		4.9mb	
			id	40	11.50	
FRB	128.37	335	ePKP	47	56.00	4.7X
YKA	141.40	312	ePKP	48	15.80	0.0
BJI	146.38	105	(PKP)	48	32.00	7.0X
MBC	148.80	333	ePKP	48	30.50	2.7X
INK	151.00	315	ePKPd	48	36.00	4.7X

S.D. = 1.1 on 21 of 26 obs.

• FEB 13, 1985 00h 39m 53.42± 1.10s
24.189 S ±10.4km 67.125 W ±16.1km
DEPTH = 210.9 ± 11.6 km
CHILE-ARGENTINA BORDER REGION (127)

SLA	1.58	110	iPc	40	29.40	0.1
			S	40	54.60	
YJA	2.50	37	ePc	40	38.80	-0.1
TPZ	3.08	331	P	40	45 40	0.0
TCA	7.47	163	iPd	41	40.70	0.0
VAO	18.51	90	e(P)	43	56.00	-0.5
BAO	19.88	68	e(P)	44	11.00	0.5

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

? FEB 13, 1985 01h 05m 07.58± 1.07s
31.504 S ±30.2km 178.845 W ±25.0km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
KERMADEC ISLANDS REGION (177)

KRP	7.90	214	eP	07	14.00	11.0X
CTA	33.28	281	iPd	11	37.10	-7.2X
	0.8s		7.09nm		4.6mb	
WB2	43.42	274	eP	13	08.70	-0.4
WRA	43.43	274	Pd	13	09.70	0.5
	0.4s		8.60nm		4.9mb	
SPA	58.67	180	e(P)	15	04.50	0.5
SUF	144.91	340	iPKP	24	38.30	-3.8X
	0.7s		8.70nm			
NUR	147.09	339	iPKP	24	45.80	0.1
BNG	148.50	215	iPKPc	24	47.90	-1.6
	0.4s		6.00nm			
NB2	149.72	350	PKP	24	50.80	0.9
	0.7s		1.40nm			

S.D. = 1.1 on 6 of 9 obs.

% FEB 13, 1985 01h 26m 45.96± 2.29s
40.649 N ±18.4km 27.554 E ± 9.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

KGT	0.27	224	ePg	26	51.50	-0.2
			iSg	26	55.70	
EDC	0.38	142	iPg	26	54.00	0.2
			iSg	27	00.50	
KCT	0.73	123	ePg	26	59.00	-1.3
			iSg	27	11.00	
TTK	0.96	157	iPn	27	05.00	0.8
DST	1.33	141	iPn	27	12.80	2.3X
YLV	1.39	93	ePn	27	12.00	0.6

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

? FEB 13, 1985 02h 17m 25.56± 2.63s
34.090 S ±29.8km 71.469 W ±18.7km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

LNV	0.14	20	iPd	17	31.60	0.0
			iS	17	36.50	
TACH	0.62	46	eP	17	37.50	-0 4
CHCH	0.70	77	iPc	17	39.00	0 0
			iS	17	50.00	
PCH	0.92	60	iP	17	42.00	-0 3
			iS	17	54.70	
BACH	1.10	48	iPd	17	45.00	0.3
PEL	1.15	35	iPd	17	11.00	-34.4X
			iS	17	20.00	
FCH	1.24	53	iP	17	47.40	0.4

S.D. = 0.4 on 6 of 7 obs.

FEB 13, 1985 02h 54m 33.18± 0.45s
10.738 N ± 5.1km 62.344 W ± 6.6km
DEPTH = 97.4 ± 9.8 km
4.0mb (1 obs.)
NEAR COAST OF VENEZUELA (97)
Felt (III) on Trinidod.

TCE	0.58	94	iP	54	49.56	0.0
TRN	0.93	95	iPc	54	52.97	0.1
TTR	1.26	93	iP	54	56.15	-0.5
TBH	1.28	101	iP	54	57.54	0.6
GNG	1.58	74	iP	55	00.32	-0.4
BOT	1.65	75	iP	55	01.06	-0.5
CUM	1.82	262	iPnd	55	05.50	1 8
SVB	2.74	23	eP	55	16.00	-0.1
SOA	2.87	24	eP	55	17.79	-0.1
GUV	3.00	194	iPnc	55	22.00	2 3
	0.3s		298.50nm			
SLB	3.32	22	eP	55	23.77	-0 4
SLW	3.54	23	eP	55	26.88	-0.2
			S	56	05.80	
BDH	3.64	47	iP	55	29.06	0 6
BIM	3.96	18	eP	55	31.93	-0 9
			S	56	13.70	
MVM	4.05	20	eP	55	33.44	-0 7
FDF	4.14	16	iPc	55	34.55	-0.8
			S	55	18.20	

13d 02h

CRM 4.23 19 eP 55 36.03 -0.5
S 56 22.30
MDN 4.64 11 eP 55 42.60 0.3
S 56 31.50
MGG 5.25 11 eP 55 50.60 0.0
SFG 5.59 11 eP 55 56.50 1.0
SEG 5.69 8 eP 55 59.00 2.2
BPA 6.29 4 eP 56 04.50 -0.6
ANG 6.48 4 iP 56 09.09 2.5
TOV 7.39 263 ePn 56 20.00 -0.3
SJG 8.20 334 eP 56 30.00 -1.4
SDV 8.37 258 iPnd 56 31.70 -2.1
0.3s 30.00nm 5.5mb X
UAV 8.93 257 ePn 56 39.20 -2.2
0.3s 41.00nm 5.7mb X
ATB 17.19 144 Pd 58 26.00 -2.7
LPB 27.69 192 eP 00 15.00 0.4
CNCB 27.93 192 eP 00 19.00 2.0
ALQ 46.75 308 e(P) 02 55.50 0.7
1.0s 2.75nm 4.0mb
S.D. = 1.3 on 31 of 31 obs.

? FEB 13, 1985 04h 04m 03.28± 19.76s
15.883 N ±90.1km 60.279 W ±156.km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)

MGG 1.00 272 eP 04 21.00 0.0
S 04 31.80
CRM 1.28 209 eP 04 24.78 -0.2
FDF 1.42 216 eP 04 26.68 -0.4
S 04 42.60
MVM 1.45 204 eP 04 27.07 -0.4
BIM 1.56 209 eP 04 29.94 0.9
S.D. = 0.7 on 5 of 5 obs.

% FEB 13, 1985 05h 32m 22.76± 3.36s
33.125 S ± 8.1km 69.999 W ±25.6km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)

FCH 0.32 230 iPd 32 29.40 -0.1
iS 32 33.50
BACH 0.47 241 iP 32 32.70 0.3
iS 32 38.90
PEL 0.58 268 iPd 32 34.20 -0.3
PCH 0.66 221 iP 32 35.60 -0.3
iS 32 44.60
JACH 0.67 311 iPd 32 36.20 0.1
iS 32 45.20
CHCH 0.97 214 iP 32 41.50 0.2
i(S) 32 53.50
S.D. = 0.3 on 6 of 6 obs.

? FEB 13, 1985 06h 21m 21.30± 7.66s
45.519 N ±22.1km 26.547 E ±29.3km
DEPTH = 103.9 ± 70.4 km
ROMANIA (358)

VRI 0.37 20 iPc 21 37.00 0.1
ISR 0.38 180 ePc 21 37.00 0.0
CVO 0.40 319 iPc 21 37.00 -0.1
MLR 0.43 266 iPc 21 37.50 0.1
CLI 1.15 26 iPc 21 44.00 0.0
S.D. = 0.2 on 5 of 5 obs.

• FEB 13, 1985 06h 59m 11.05± 1.55s
33.139 S ±13.8km 66.097 W ±13.0km
DEPTH = 33.0km (normal)
SAN LUIS PROVINCE, ARGENTINA (140)

TCA 2.20 36 iPd 59 46.20 0.1
e 59 49.90
S 00 13.00
RTCV 2.42 301 e(P) 59 50.60 1.3
S 00 20.00
RFA 2.55 230 ePc 59 51.00 -0.1
S 00 29.20
RTLL 2.70 311 ePc 59 52.00 -1.1
S 00 28.10
ZON 2.70 305 eP 59 53.00 -0.2
eS 00 29.00
S.D = 1.3 on 5 of 5 obs.

• FEB 13, 1985 07h 46m 30.33± 0.81s
6.697 S ±15.4km 155.735 E ±12.2km
DEPTH = 73.9 ± 9.4 km
4.7mb (2 obs.)
SOLOMON ISLANDS (193)
Felt (III) at Arawa.

PAA 0.46 328 iPc 46 43.40 0.0
eS 46 53.00
BGA 0.77 315 iPc 46 46.70 0.0
eS 46 58.00
VSG 4.69 123 eP 47 40.00 -0.2
WB2 24.58 236 eP 51 44.70 -0.3
WRA 24.59 236 P 51 46.00 0.9
0.2s 3.80nm 4.5mb
GBA 80.28 285 Pc 58 33.90 -1.3
0.5s 7.20nm 4.9mb
COL 82.57 21 eP 58 47.00 0.8
S.D. = 1.0 on 7 of 7 obs.

? FEB 13, 1985 07h 58m 49.84± 2.68s
5.546 S ±28.6km 147.331 E ±20.2km
DEPTH = 161.1 ± 10.5 km
4.9mb (4 obs.)
EAST PAPUA NEW GUINEA REGION (207)

LAT 1.15 197 iPc 58 19.90 -57.3X
LMG 3.44 166 eP 59 43.00 -0.9
PMG 3.84 183 iPd 59 49.30 0.3
ALOA 5.60 148 eP 00 12.50 0.3
TZZ 6.09 272 eP 00 19.50 0.7
ISO 16.86 206 eP 03 37.00 59.0X
MTN 17.55 244 eP 02 45.00 -1.2
0.3s 18.00nm 4.9mb
WB2 19.08 220 iPd 03 02.60 0.0
eS 06 29.20
WRA 19.09 220 Pc 03 02.90 0.3
0.6s 5.11nm 4.1mb
KNA 20.85 239 eP 03 20.00 -0.5
ASPA 22.18 214 iPd 03 35.10 1.6
0.7s 83.00nm 5.3mb
eS 07 28.00
WBN 28.51 222 eP 04 33.00 0.7
MBL 30.84 237 eP 04 52.00 -0.9
MEK 34.54 230 eP 05 25.00 0.1
0.6s 19.00nm 5.0mb
KLG 34.95 221 eP 05 28.00 -0.3
KLB 37.92 223 eP 05 53.00 -0.3
BAL 38.08 225 iPc 06 01.00 6.4X
MUN 39.22 224 eP 06 09.00 5.0X
RKG 39.93 221 eP 06 21.00 11.2X
VAO 148.37 154 ePKP 18 19.50 3.7X
S.D. = 0.8 on 14 of 20 obs.

FEB 13, 1985 08h 01m 21.01± 0.70s
33.405 S ± 6.9km 150.140 E ± 7.3km
DEPTH = 5.0km (geophysicist)
NEAR S.E. COAST OF AUSTRALIA (603)
ML 4.0 (RIV). Damage in the Lithgow area. Felt in the Dubbo area to the northwest and southeast into the eastern suburbs of Sydney.

RIV 0.95 117 iPd 01 38.60 -0.9
eS 01 51.00
YOU 1.70 239 iPd 01 52.60 1.1
CAN 2.13 206 eP 01 58.00 0.2
WAM 2.97 200 eP 02 10.30 0.7
COO 3.19 28 eP 02 14.00 1.2
e 02 21.00
eS 02 53.00
CMS 4.12 297 eP 02 27.00 1.1
TOO 5.63 221 eP 02 48.00 0.6
eS 03 49.00
BRS 6.41 21 eP 03 04.00 5.5X
i 03 20.40
eS 04 27.00
e 04 35.00
e 04 42.00
RMQ 7.00 350 eP 03 06.00 -0.7
BFD 7.26 237 eP 03 09.00 -1.3
eS 04 29.00
e 05 11.00
STK 7.37 280 eP 03 10.00 -1.8
eS 04 22.00
ADE 9.60 257 e(P) 03 42.90 0.0
S.D. = 1.2 on 11 of 12 obs

• FEB 13, 1985 08h 32m 30.73± 1.47s
50.599 N ±13.0km 1.777 E ± 7.2km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 3.5 (LDG).

UCC 1.65 82 eP 33 19.00 19.1X
DOU 1.87 105 Pn 33 01.50 -1.6
iPg 33 05.80
iSn 33 27.60
FLN 2.35 219 Pn 33 10.00 0.0
Pg 33 18.80
Sn 33 42.80
LDF 2.36 212 Pn 33 10.10 0.0
Pg 33 19.00
Sn 33 43.20
ENN 2.64 85 iPnd 33 15.90 1.8
0.4s 22.00nm
eSg 33 47.50
GRR 2.80 219 Pn 33 15.40 -1.0
Sn 33 54.20
WLF 2.97 107 Pn 33 25.50 6.9X
e 34 03.60
LPF 3.16 217 Pn 33 21.50 0.1
Sn 34 02.80
WTS 3.45 64 iPn 33 30.40 4.8X
i 33 34.30
LOR 3.60 157 Pn 33 28.40 0.6
Pg 33 41.30
Sn 34 13.10
Sg 34 31.80
SSF 3.72 161 Pn 33 30.00 0.5
Pg 33 43.40
Sn 34 16.00
Sg 34 36.60
LBF 3.90 157 Pn 33 32.20 0.2
Pg 33 46.20
Sn 34 19.70
Sg 34 42.20
AVF 3.95 164 Pn 33 33.30 0.6
Pg 33 47.30
Sn 34 21.10
Sg 34 44.90
HAU 3.96 129 Pn 33 33.10 0.3
Pg 33 46.50
Sn 34 19.90
Sg 34 39.80
BGF 4.11 170 Pn 33 35.50 0.6
Pg 33 50.00
Sn 34 25.20
Sg 34 49.30
SMF 4.19 160 Pn 33 36.10 0.1
Pg 33 52.00
Sn 34 24.90
Sg 34 49.70
MFF 4.20 198 Pn 33 37.30 1.1
Sn 34 27.40
Sg 34 49.90
CDF 4.20 119 Pn 33 34.60 -1.7
Pg 33 48.90
Sn 34 23.80
Sg 34 45.40
BSF 4.30 128 Pg 33 53.20 15.5X
TCF 4.32 176 Pn 33 38.40 0.3
Sn 34 30.50
Sg 34 53.90
LSF 4.36 182 Pn 33 39.20 0.7
Sn 34 32.10
Sg 34 55.20
MZF 4.42 173 Pn 33 39.50 0.1
Sn 34 32.00
Sg 34 59.20
RJF 5.30 182 Pn 33 50.80 -1.1
Sn 34 53.00
CAF 5.68 178 Pn 33 55.50 -1.8
Sn 35 03.20
S.D. = 1.0 on 20 of 24 obs.

? FEB 13, 1985 10h 16m 36.90± 7.27s
34.271 S ±47.0km 70.189 W ±19.4km
DEPTH = 5.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)

CHCH 0.51 311 iPc 16 47.00 -0.2
iS 16 54.60
PCH 0.70 337 iPd 16 51.60 0.6
FCH 0.95 355 iPd 16 55.10 -0.5
BACH 0.95 345 iPd 16 55.40 -0.1

```
LNV      1.06 287 iPc    17 56.10   58.8X
                  IS     18 10.50
PEL      1.20 340 iPc    16 59.20   -0.5
                  IS     17 16.90
JACH     1.62 348 iP     17 07.00    0.7
                  i(S)   17 31.00
      S.D. = 0.7  on   6 of   7 obs.

&  FEB 13, 1985  10h 22m 24.14s
   38.416 N           87.512 W
   DEPTH =  15.8km
 SOUTHERN INDIANA                    (489)
      <SLM-P>. mbLg 3.0 (SLM).

ELC      1.77 231 eP     22 54.40    0.2
FVM      2.34 260 eP     23 02.40   -0.1
GRT      2.63 216 eP     23 10.40    3.7
PWLA     3.46 188 eP     23 17.50   -0.9
POW      3.70 233 e(P)   23 19.00   -2.9
BHO      7.17 238 eP     25 07.30   56.5
       0.5s     2.90nm
        6 obs. ossociated


   FEB 13, 1985  11h 10m 36.25± 0.58s
   12.974 S ± 5.8km  168.819 E ± 4.2km
   DEPTH = 635.4 ±  8.0 km
   4.9mb ( 22 obs.)
 SANTA CRUZ ISLANDS REGION           (183)
      CENTROID, MOMENT TENSOR        (HRV)
      Data Used: GDSN
      L.P.B.:  5S, 12C
      Centroid Locotion:
      Origin Time          11:10:35.9 2.1
      Lat 13.07S 0.17 Lon 168.91E 0.21
      Dep 636.9 10.2 Half-duration  1.4
      Moment Tensor; Scale 10**23 D-CM
        Mrr=-3.34 0.49  Mtt= 3.38 0.88
        Mff=-0.04 0.68  Mrt=-3.60 0.98
        Mrf= 1.65 0.86  Mtf=-1.35 0.74
       Principol Axes:
        T  Val=  5.59  Plg=24  Azm=200
        N       -0.49       4       292
        P       -5.11      66        30
      Best Double Couple:Mo=5.4*10**23
       NP1:Strike=282 Dip=21 Slip=-100
       NP2:        113     69       -86

PVC      4.76 186 iPc    12 08.50   -1.4
KOU      8.71 209 iPc    12 44.90    1.3
                  iS     14 25.80
NOU      9.56 193 iPc    12 52.90    1.4
                  iS     14 45.30
BRS     20.76 224 iPc    14 36.50   -0.7
CRZ     21.65 171 P      14 45.00   -0.1
COO     23.48 219 iPc    15 01.50    0.0
       0.4s    31.00nm          5.3mb
CMS     28.04 225 iPc    15 40.90   -0.3
       0.2s    34.00nm          5 6mb
TCW     28.53 171 P      15 43.50   -1.8
                  (ScP)  19 50.10
CAN     28.56 215 iPc    15 45.50   -0.2
WEL     28.68 171 iPc    15 44.80   -1.7
                  i      15 50.00
STK     31.28 229 iPc    16 09.40    0.8
       0.3s    26.00nm          5.3mb
MSZ     31.60 181 eP     16 13.00    1.9
TOO     32.15 216 eP     16 16.00    0.1
WB2     33.73 254 eP     16 29.00   -0.2
WRA     33.74 254 Pc     16 29.00   -0.3
       0.5s     5.00nm          4.4mb
ASPA    34.72 247 eP     16 37.00   -0.4
                  eS     21 23.00
ADE     34.93 226 iPd    16 40.10    1.1
TAU     35.15 208 eP     16 40.00   -0.6
MTN     36.71 266 eP     16 54.00    0.2
       0.4s    15.00nm          4.9mb
KNA     38.86 261 iPc    17 11.20    0.0
AAI     41.18 279 e(P)   17 29.30   -0.4
WBN     41.72 245 iPd    17 34.80    0.9
       0.3s    17.00nm          5.0mb
MBL     47.38 253 eP     18 17.00   -0.4
MEK     48.92 246 iPd    18 28.60   -0.2
       0.4s     8.00nm          4.5mb
NAU     51.44 251 iPd    18 47.30    0.2
       0.4s    25.00nm          4.9mb
MAT     57.08 331 iPd    19 25.10   -1.1
       0.8s    27.61nm          4.5mb

SSE     63.33 315 eP     20 06.40   -0.7
NJ2     65.50 314 iPc    20 21.00    0.3
KGM     66.66 278 ePc    20 26.80    0.7
MDJ     67.47 331 eP     20 31.50   -1.0
WHN     67.92 311 Pd     20 35.50    0.1
CN2     68.95 328 eP     20 40.80   -0.5
TIA     69.06 317 P      20 41.70   -0.5
BJI     71.87 320 eP     20 58.50    0.1
GYA     71.98 304 P      21 00.20    0.7
LOE     72.78 293 eP     21 03.60   -0.4
TIY     73.02 316 P      21 05.30    0.2
XAN     73.64 312 eP     21 08.90    0.3
KMI     74.69 301 Pd     21 15.50    0.7
CHG     75.75 293 iPd    21 21.20    0.7
       0.9s    17.86nm          4.6mb
BTO     76.12 318 eP     21 23.00    0.8
CD2     76.16 307 eP     21 23.70    1.1
PME     81.42  19 eP     21 49.10   -0.2
       0.6s    19.50nm          4.8mb
PCC     81.65  49 eP     21 51.70    0.7
GCC     81.75  49 eP     21 51.80    0.3
BRK     81.89  48 eP     21 52.40    0.2
BKS     81.91  48 iP     21 53.00    0.7
       0.7s    19.00nm          4.7mb
PRS     81.95  50 eP     21 53.20    0.6
SAO     82.06  50 e(P)   21 53.00   -0.1
MHC     82.13  49 ePd    21 54.00    0.4
LLA     82.37  50 eP     21 55.10    0.4
PRI     82.40  50 eP     21 55.60    0.6
GTA     82.56 313 iPd    21 57.00    1.3
WDC     82.77  46 ePd    21 56.90    0.3
ORV     83.10  47 ePd    21 58.20    0.0
JAS1    83.25  49 ePd    21 59.30    0.3
MIN     83.33  46 eP     21 59.70    0.1
FRI     83.43  50 e(P)   22 00.20    0.3
IMA     83.58  14 eP     22 00.30    0.1
MWC     83.71  53 eP     22 02.00    0.4
ISA     83.89  51 eP     22 03.00    0.7
SBB     84.05  53 eP     22 03.00   -0.1
RVR     84.16  53 eP     22 04.00    0.4
COL     84.24  17 iPc    22 02.00   -1.3
       0.8s    33.21nm          5.0mb
FBA     84.24  17 eP     22 01.60   -1.7
       0.7s    26.40nm          5.0mb
PLM     84.35  54 eP     22 05.00    0.3
CWC     84.46  51 eP     22 05.00   -0.2
GSC     85.04  52 eP     22 08.00    0.1
TPC     85.24  54 eP     22 09.00    0 2
GLA     85.87  55 eP     22 13.00    1.1
EUR     87.06  49 iP     22 18.00    0 4
       0.5s    10.91nm          4.8mb
PNT     88.11  38 eP     22 22.00    0 0
       1.0s    22.00nm          4.9mb
PKI     90.19 298 eP     22 32.40    0 0
       0.7s     9.00nm          4.8mb
KKN     90.36 298 eP     22 32.20   -0.9
       0.7s    11.00nm          4.9mb
DMN     90.46 298 eP     22 33.90    0.3
       0.9s    28.00nm          5.2mb
ALQ     93.07  55 eP     22 44.80   -0.6
       1.0s     3.50nm          4.4mb
GBA     94.30 283 Pd     22 50.60   -0.4
       0.8s     6.20nm          4.8mb
YKA     95.31  27 eP     22 54.00   -0.6
YKC     95.36  27 eP     22 54.00   -0 8
       0.7s    11.00nm          5.2mb
FRB    115.70  25 ePKPc  28 07.20   -1.6
KJF    122.18 341 iPKP   28 20.00   -1.2
       0.7s    17.40nm
SUF    123.72 340 iPKP   28 23.40   -0.8
       0.5s     5.80nm
NUR    125.80 339 iPKP   28 27.60   -0.7
       0.5s    11.20nm
NB2    129.31 346 PKP    28 35.30    0.2
       0.7s     2.60nm
BRG    137.03 337 iPKP   28 50.00    0.0
CDF    141.48 340 ePKP   28 54.00   -4.2X
HAU    142.14 341 iPKPd  28 55.80   -3.5X
BSF    142.15 340 ePKP   28 55.90   -3.5X
SOB1   143.17 125 ePKP   28 59.90   -2.1X
FLN    143.23 348 iPKPd  28 58.90   -2 1X
LDF    143.32 348 iPKPd  28 59.20   -2.0X
LOR    143.56 343 iPKPd  29 00.40   -1.3
GRR    143.66 348 iPKPd  29 00.60   -1.2
LBF    143.78 342 iPKPd  29 01.30   -0.8
SSF    143.85 343 iPKPd  29 01.60   -0.6
LPF    144.04 348 iPKPd  29 02.10   -0 3

SMF    144.13 342 iPKPd  29 02.40   -0.3
AVF    144.14 343 iPKPd  29 02.50   -0 1
BGF    144.49 343 iPKPd  29 03.30    0.0
MZF    144.88 343 ePKP   29 04.70    0.7
TCF    144.92 344 iPKPd  29 04.80    0.8
LSF    145.13 345 iPKPd  29 05.20    0.8
MFF    145.21 347 iPKPd  29 05.40    0.9
ITR    145.38 127 ePKP   29 05.00   -0.7
CVF    145.77 333 iPKPd  29 07.00    1.4
FRF    145.87 337 iPKPd  29 07.30    1.7
RJF    146.01 344 iPKPd  29 08.20    2.4X
LRG    146.07 337 ePKP   29 08.10    2.2X
LMR    146.12 337 iPKPd  29 02.80   -3.2X
       0.8s    49.60nm
CAF    146.21 343 iPKPd  29 08.80    2.6X
LFF    146.56 345 iPKPd  29 09.70    3.0X
LPO    146.68 344 iPKPd  29 10.10    3.2X
BNG    149.45 257 iPKPc  29 11.90   -0.2
       1.0s    65.00nm
                  ic     29 15.50
                  id     29 17.50
                  id     29 26.00
      S.D. = 0.8  on 101 of 113 obs.

?  FEB 13, 1985  11h 36m 52.20± 6.89s
   39.560 N ±57.4km    6.810 E ±14.4km
   DEPTH =  10.0km  (geophysicist)
 WESTERN MEDITERRANEAN SEA           (387)
      ML 3.8 (LDG).

CVF      3.38  27 Pn     37 46.10    0.0
                  Sn     38 20.00
LMR      3.78 357 Pn     37 51.70    0.0
                  Sn     38 28.60
LRG      3.91 355 Pn     37 54.00    0.5
                  Sn     38 32.60
FRF      4.00 358 Pn     37 54.60   -0.2
                  Sn     38 54.00
CAF      6.41 328 Pn     39 29.00    0.0
LPO      6.61 323 Pn     38 32.20    0.5
RJF      6.95 327 Pn     38 36.40   -0.1
LFF      7.01 322 Pn     38 37.20   -0.1
MZF      7.34 336 Pn     38 41.50   -0.5
      S.D. = 0.4  on   9 of   9 obs.

   FEB 13, 1985  12h 55m 33.71± 0.62s
   33.111 S ± 7.2km   68.533 W ± 5.9km
   DEPTH =   5.0km  (geophysicist)
 MENDOZA PROVINCE, ARGENTINA         (139)

FCH      1.49 261 iP     55 59.50   -2.0
CFA      1.52   9 e(P)   56 01.50   -0.1
ZON      1.57 355 eP     56 03.00    0.7
                  eS     56 25.00
RFA      1.66 178 ePd    56 04.50    0.9
                  S      56 29.30
BACH     1.66 261 iPd    56 03.00   -0.6
                  iS     56 23.00
PCH      1.73 252 iPc    56 04.70   -0.1
                  iS     56 29.60
JACH     1.79 283 iP     56 04.60   -0 9
                  iS     56 28.00
PEL      1.81 268 iPd    56 05.10   -0.7
                  iS     56 27.50
CHCH     1.95 245 iPc    56 08.80    0.9
                  iS     56 34.10
TACH     2.08 254 iP     56 10.50    0.7
                  i(S)   56 37.50
ROCH     2.09 273 iPd    56 10.40    0.4
                  iS     56 36.50
LNV      2.55 250 iPc    56 18.00    1.7
                  iS     56 50.20
TCA      3.78  63 ePc    56 34.50    0 5
                  e      56 43.30
                  S      57 34 60
VBA      7.27 135 ePd    57 21.70   -1.5
      S.D. = 1.1  on  14 of  14 obs

?  FEB 13, 1985  13h 45m 05.95± 0.95s
   60.306 N ± 6.9km    5.437 E ±12.2km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN NORWAY                     (535)

ODD      0.71 120 iPg    45 19.80   -0.1
                  eSg    45 30.10
SUE      0.82 336 ePn    45 21.70   -0.2
                  eSn    45 34.90
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13d 13h

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MYA      0.94  23 iPn    45 24.00    0.2
                 eSn    45 40.50
KMY      1.10 185 iPg    45 26.70    0.1
                 iSn    45 41.90
      S.D. = 0.3  on   4 of   4 obs.

•  FEB 13, 1985  13h 51m 49.82± 1.76s
   33.490 S ±10.4km   70.990 W ±14.9km
   DEPTH =  69.8 ± 16.8 km
 CHILE-ARGENTINA BORDER REGION    (127)

TACH     0.17 165 iPc    52 00.50   -0.1
PEL      0.43  36 iPd    52 01.90   -0.3
                 iS     52 10.50
BACH     0.44  72 iPc    52 02.20   -0.1
ROCH     0.52 358 iPd    52 02.70   -0.5
CHCH     0.52 148 iPc    52 03.50    0.4
LNV      0.58 217 iPc    52 03.70    0.1
                 iS     52 13.20
FCH      0.61  75 iP     52 04.50    0.2
JACH     0.87  23 iP     52 06.50   -0.6
RTCV     2.63  53 ePd    52 32.10    1.2
                 S      53 08.50
RTCB     2.72  43 ePd    52 33.70    1.5
                 S      53 12.00
RTLL     3.03  45 ePd    52 36.80    0.3
                 S      53 17.00
TCA      5.82  70 ePd    53 13.30   -2.3
                 S      54 20.30
      S.D. = 1.1  on  12 of  12 obs.

?  FEB 13, 1985  14h 26m 26.26± 2.16s
   32.689 S ±19.6km   70.772 W ±16.2km
   DEPTH =  33.0km  (normal)
 CHILE-ARGENTINA BORDER REGION    (127)

JACH     0.15  87 iPc    26 32.40   -0.2
                 iS     26 46.50
ROCH     0.35 215 iP     26 36.00    1.1
                 iS     26 51.60
PEL      0.46 171 iP     26 37.20    0.9
                 iS     26 54.00
FCH      0.75 148 iP     26 40.50   -0.3
PCH      0.95 167 iP     26 47.50    4.1X
                 iS     27 13 00
CHCH     1.24 175 iPd    26 47.60    0.1
                 i(S)   27 11.90
LNV      1.37 203 iP     26 47.50   -1.7
                 iS     27 13.00
      S.D. = 1.3  on   6 of   7 obs.

&  FEB 13, 1985  15h 59m 54.34s
   61.856 N          150.329 W
   DEPTH =   8.7km
 SOUTHERN ALASKA                  (  2)
      <AGS-P>  ML 3.9 (PMR)  Felt (IV)
      at Kashwitna and Willow, (III)
      at Wasilla and (II) at Anchorage
      and Palmer.

PWA      0.30 134 iPd    00 01.00    0.5
SUA      0.44 207 iP     00 03.37    0.1
                 eS     00 09.50
SKT      0.58 283 iP     00 05.73   -0.3
PMR      0.63 114 iPd    00 06.20   -0.8
MSE      0.65  91 iP     00 06.31   -1.0
PME      0.66 110 iP     00 06.87   -0.7
GHO      0.67  97 iP     00 06.86   -1.9
PMS      0.72 149 iPd    00 07.70   -0.9
SML      0.95  92 iP     00 11.25   -1.3
KNK      1.06 116 iP     00 12 41   -1.0
                 iS     00 25.69
SPU      1.07 231 iP     00 13.70   -0.9
PTE      1.18 147 iP     00 14.97   -1.4
NKA      1.20 202 iP     00 17.72    0.9
SLKM     1.35 178 iP     00 17.51   -1.9
PWL      1.39 135 eP     00 18.18   -1.7
CFI      1.40 118 eP     00 18.80   -1.2
SCM      1.42  90 eP     00 18.77   -1.7
MPA      1.45 161 eP     00 18 84   -1.9
RDT      1.63 219 iP     00 22.50   -0.9
SEW      1.81 166 eP     00 25.23   -0.7
NNL      1.88 195 eP     00 26.89   -0.1
VLZ      2.05 109 iP     00 28.96   -0.4
                 eS     00 55.58
ILM      2.07 217 eP     00 29.24   -0.5
                 eS     00 55.49

BRLK     2.12 188 eP     00 29.69   -0.7
                 eS     00 56.30
KLU      2.13  98 iP     00 29.70   -1.0
HIN      2.36 127 iP     00 33.54   -0.4
SVW      2.65 256 eP     00 35.70   -2.3
PDB      2.81 224 eP     00 39.80   -0.5
SGAM     2.83 116 eP     00 39.35   -1.2
TTA      2.86 295 eP     00 39.10   -2.0
AUL      2.92 213 eP     00 43.75    2.0
GLB      3.14  95 iP     00 44.65   -0.3
COL      3.26  19 iP     00 44.90   -1.8
                 e      00 47.00
FBA      3.26  19 eP     00 44.80   -1.9
BALM     3.92  99 eP     00 54.62   -1.5
KDC      4.26 196 eP     00 59.50   -1.4
IMA      4.48 342 eP     01 01.80   -2.3
PNL      5.79 107 eP     01 22.00   -0.5
INK      9.57  40 eP     02 13.00   -2.2
YKA     16.56  72 eP     03 52.40    4.4
MBC     17.79  24 eP     04 06.00    2.7
        41 obs. associated

    FEB 13, 1985  17h 58m 27.39± 0.92s
    51.186 N ± 4.6km  179.753 W ± 2.8km
    DEPTH =  44.2 ±  7.9 km
    5.4mb ( 76 obs.)  5.1Msz ( 10 obs.)
  ANDREANOF ISLANDS, ALEUTIAN IS.  (  7)
       Felt (III) on Adak.
       CENTROID, MOMENT TENSOR     (HRV)
       Data Used: GDSN
       L.P.B.: 11S, 23C
       Centroid Location:
       Origin Time        17:58:29.9 0.4
       Lat 51.37N 0.04 Lon 179.72E 0.08
       Dep  34.9 3.0 Half-duration  2.2
       Moment Tensor; Scale 10**24 D-CM
         Mrr= 1.03 0.05  Mtt=-1.40 0.07
         Mff= 0.36 0.07  Mrt= 1.66 0.17
         Mrf= 0.40 0.10  Mtf=-0.09 0.07
        Principal Axes:
         T  Val=  1.94  Plg=62  Azm=336
         N        0.33      7       80
         P       -2.27     27      173
       Best Double Couple:Mo=2.1*10**24
        NP1:Strike=282 Dip=19 Slip= 113
        NP2:        77     73       82

ADK      2.04  69 iP     59 01.30    1.4
SMY      4.10 295 eP     59 30.40    1.2
SDN     12.25  63 eP     01 20.10   -1.6
SVW     16.61  44 eP     02 22.00    3.6X
KDC     17.07  57 eP     02 21.80   -2.3X
TTA     17.33  38 eP     02 30.30    2.9
PMS     19.39  47 eP     02 50.30   -2.0
PMR     19.70  46 P      02 53.00   -2.4X
     Z  18s     8.57um
IMA     19.93  32 iPc    02 58.20    0.2
FBA     21.47  38 eP     03 12.70   -0.9
BRW     22.72  19 iPc    03 27.20    1.3
INK     27.96  35 eP     04 14.00   -1.2
        0.9s    24.00nm          4.8mb
MAT     33.16 260 eP     05 01.00   -0.5
        1.0s    21.00nm          5.0mb
     Z  20s     1.60um           4.7Msz
                 eS     10 09.00
MBC     34.01  22 eP     05 14.00    5.6X
        0.6s    64.00nm          5.7mb
MDJ     34.01 279 eP     05 07.40   -1.4
                 PP     06 23.00
                 eS     10 30.00
YKA     35.80  46 eP     05 23.60   -0.2
YKC     35.86  46 eP     05 24.00   -0.4
        0.3s    13.00nm          5.3mb
GMW     36.48  73 P      05 31.00    1.2
CN2     37.00 281 Pc     05 32.50   -1.6
                 PP     06 53.50
                 eS     11 08.00
COR     37.61  77 eP     05 42.00    2.8X
SNY     39.22 279 Pc     05 52.80    0.1
EDM     39 43  60 iPc    05 54.20   -0.2
        0.6s    30.00nm          5.3mb
NEW     39.51  69 iPc    05 56.00    0.8
ORV     41.50  83 e(P)   06 12.30    0.7
SES     41.98  63 eP     06 14.00   -1.4
BKS     42.05  85 e(P)   06 19.00    2.9X
        0.7s    22.00nm          5.0mb
     Z  20s     1.80um           4.9Msz
     N  20s     0.90um
     E  20s     2.50um
                 i      06 24.30
                 i      06 28.20
                 eLQ    16 00.00
                 eLR    17 00.00
DL2     42.12 277 P      06 16.40   -0.2
ALE     42.92  10 ePc    06 22.70    0.0
        0.7s    15.00nm          4.8mb
JAS1    43.16  84 e(P)   06 26.80    1.7
LRM     43.50  70 eP     06 28.10   -0.1
BMN     43.65  79 P      06 29.00   -0.2
        0.8s    20.59nm          4.9mb
FFC     44.74  54 eP     06 36.00   -1.7
        0.8s     6.00nm          4.5mb
BJI     44.83 282 eP     06 38.50   -0.1
     Z  17s     1.70um           5.0MszX
     N  18s     1.60um
                 eS     13 16.00
EUR     44.98  79 iP     06 40.80    0.6
        0.2s    25.12nm          5.7mb
CLC     46.24  84 eP     06 50.00    0.1
TIA     46.59 277 Pc     06 52.00   -0.6
                 eS     13 40.00
                 ScS    16 42.00
SBB     46.82  86 eP     06 55.00    0.5
BDW     46.93  71 P      06 55.50    0.0
        0.8s    45.26nm          5.5mb
MWC     46.97  86 eP     06 56.00    0.1
GSC     47.06  84 eP     06 56.00   -0.5
HHC     47.17 285 Pc     06 58.00    0.8
                 eS     13 44.00
SSE     47.39 268 eP     06 59.50    0.5
     Z  20s     0.70um           4.6Msz
     N  20s     1.20um
                 pP     07 13.00   50kmX
                 S      13 52.00
                 ScS    16 48.00
                 SS     17 28.00
NJ2     48.22 271 eP     07 04.20   -1.2
                 S      14 02.00
BTO     48.25 286 iPc    07 06.00    0.3
                 PP     08 59.00
                 S      14 06.50
PLM     48.30  86 eP     07 06.00   -0.2
TPC     48.31  85 eP     07 06.00   -0.2
TIY     48.56 282 eP     07 08.20    0.1
                 S      14 11.00
BAR     48.86  87 eP     07 10.00   -0.4
GLA     49.77  85 eP     07 17.00   -0.4
RSON    51.06  54 P      07 25.30   -1.6
DAG     51.74   5 iPd    07 30.20   -1.6
        0.5s     4.93nm          4.8mb
WHN     52.07 273 Pd     07 34.40   -0.4
XAN     53.11 280 P      07 41.20   -1.4
FRB     53.50  31 eP     07 44.00   -1.0
        0.3s    16.00nm          5.5mb
GDH     53.59  21 ePd    07 44.90   -0.6
                 e      15 35.00
ALQ     53.72  77 eP     07 46.50   -0.8
        1.0s    12.50nm          4.9mb
     Z  20s     1.60um           5.1Msz
LHC     54.83  55 eP     07 54.00   -1.0
LZH     54.86 286 Pc     07 55.50   -0.1
        2.0s   169.00nm          5.7mb
     E  17s     2.70um
GTA     55.08 291 (P)    07 51.50   -5.6X
                 ScP    12 53.90
                 S      15 29.00
                 ScS    17 38.00
KEV     57.80 349 eP     08 13.00   -2.9X
CD2     58.43 281 P      08 20.40   -0.5
                 S      16 20.00
BAG     58.45 256 eP     08 20.00   -1.3
TRO     58.72 352 eP     08 21.10   -1.2
WMO     58.94 302 Pc     08 23.50   -0.9
                 PP     10 33.00
                 S      16 30.00
                 ScS    18 11.50
LTX     59.28  80 P      08 26.00   -0 8
TUL     59.50  70 eP     08 27.90   -0.3
        1.0s    81.10nm          5.8mb
     Z  18s    85.00um           6.9MszX
                 i      08 36.00
GYA     59.75 275 P      08 29.00   -1.1
RLO     59.78  69 eP     08 29.20   -0.9
SOD     60.11 349 iP     08 30.60   -1.3
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SCH     60.56  38 eP     08 34.00   -1.2
BHO     61.10  70 eP     08 38.50   -0.6
        0.6s     8.80nm          5.1mb
KJF     62.98 347 iP     08 50.20   -1.0
        0.7s    53.40nm          5.8mb
                  i      09 03.10
KMI     63.16 277 eP     08 52.00   -1.2
                 PP      11 11.00
                  S      17 22.00
HKT     63.65  74 eP     08 53.00   -3.1X
SUF     64.61 347 iP     09 00.80   -1.1
        0.6s    45.50nm          5.7mb
NUR     66.94 347 iP     09 15.40   -1.4
        0.7s    50.70nm          5.7mb
      Z 20s      2.30um          5.4Msz
                  i      09 29.00
                 LR      42 00.00
LSA     66.94 289 P      09 19.00    1.1
                  S      18 10.50
NB2     67.78 354 P      09 21.00   -1.2
        1.0s    58.00nm          5.6mb
KSH     68.18 306 iPd    09 27.00    1.9
                 eS      18 25.00
                eScS     19 53.00
UPP     68.42 351 iPc    09 25.00   -1.1
        0.9s   300.00nm          6.3mb
                  i      09 38.50
KONO    69.26 355 eP     09 31.20   -0.1
LOE     69.47 272 eP     09 30.50   -2.7
CHG     70.17 276 ePd    09 36.80   -0.6
        1.0s    13.00nm          4.9mb
                 eS      18 48.00
STJ     71.62  35 eP     09 45.50   -0.2
KKN     71.81 292 eP     09 48.10    0.6
PKI     71.90 291 eP     09 48.40    0.2
        0.6s    40.00nm          5.5mb
DMN     72.05 292 eP     09 49.70    0.7
MUD     72.47 355 iPd    09 53.30    2.7X
        0.8s    32.00nm          5.3mb
COP     73.02 353 iPd    09 54.00    0.2
        0.7s    46.58nm          5.5mb
KHT     73.42 273 eP     09 56.30   -0.5
EKA     73.81   2 Pd     09 58.90    0.4
        0.7s    53.00nm          5.6mb
NNT     74.36 271 eP     10 02.10   -0.2
DCN     75.65   5 iPc    10 09.20    0.1
        0.9s    86.00nm          5.7mb
DDK     75.65   4 iPc    10 09.10    0.0
        0.8s    79.00nm          5.7mb
NDI     75.74 298 iPd    10 09.50   -0.5
DLE     75.74   4 iPc    10 09.70    0.1
        1.0s    89.00nm          5.7mb
WIT     76.23 356 iPd    10 14.10    1.8
ETA     76.35   4 eP     10 11.20   -1.8
        1.0s   100.00nm          5.7mb
ECB     76.65   4 eP     10 11.20   -3.5X
        1.0s   110.00nm          5.8mb
MTN     76.70 229 eP     10 15.00   -0.4
ECP     76.86   4 eP     10 12.00   -3.8X
        0.8s   100.00nm          5.9mb
CTA     76.99 213 iP     10 17.80    0.9
        1.1s    23.42nm          5.1mb
                 iS      20 02.00
WTS     77.04 356 iPc    10 17.40    0.5
        0.9s    57.00nm          5.6mb
                  e      10 32.00
CLL     77.31 352 iPc    10 18.10   -0.3
        1.8s    54 00nm          5.3mb
                eSg      31 39.00
KSP     77.44 350 eP     10 18.50   -0.6
        0.8s    20.00nm          5.2mb
                 id      10 19.00
                  e      11 32.50
BRG     77.65 351 iPc    10 19.60   -0.7
        0.8s    20.00nm          5.2mb
                  i      10 34.50
KRA     77.75 347 eP     10 20.80    0.0
        0.9s    47.00nm          5.5mb
      Z 20s      1.80um          5.4Msz
      N 20s      1.80um
      E 20s      1.10um
                  i      10 25.30
BNS     78.06 356 eP     10 22.70    0.2
MOX     78.09 353 iP     10 23.00    0.3
        1.0s    30.00nm          5.3mb
      Z 20s      0.50um          4.8Msz
      N 20s      0.60um
      E 18s      0.40um
ENN     78.31 356 iPc    10 24.30    0.4
        0.8s   123.00nm          6.0mb
UCC     78.33 357 Pc     10 25.40    1.4
MEM     78.46 356 Pc     10 25.00    0.3
PRU     78.47 351 P      10 24.70   -0.1
      Z 21s      2.00um          5.4Msz
      N 20s      1.40um
      E 20s      0.60um
                 Sg      30 58.00
SPC     78.55 347 eP     10 27.40    1.9
MHI     78.58 315 iPc    10 26.00    0.3
                 eS      21 32.00
TNS     78.73 355 ePc    10 26.00   -0.3
DOU     79.03 357 iPc    10 28.20    0.4
        0.5s   115.00nm          6.1mb
                  e      10 42.00
GRF     79.07 353 iPc    10 28.70    0.6
        0.7s    45.00nm          5.5mb
      Z 20s      0.50um          4.8Msz
JOS     79.19 346 iPc    10 35.80    7.1X
        1.2s    40.30nm          5.2mb
WLF     79.40 356 Pc     10 30.30    0.5
KHC     79.41 351 iP     10 30.50    0.5
        1.0s    32.00nm          5.2mb
                  e      10 45.50
IPM     79.69 264 ePc    10 32.00    0.0
ZST     79.95 349 iPc    10 33.50    0.7
                  i      10 42.00
SRO     80.17 348 iP     10 35.30    1.3
      N 20s      1.00um
      E 18s      1.00um
                  i      10 45.40
BUD     80.39 347 iPc    10 35.50    0.3
        0.8s    23.00nm          5.2mb
FLN     80.43   0 iPc    10 35.30   -0.1
        0.8s    25.20nm          5.2mb
SOP     80.52 349 iPc    10 36.50    0.6
        0.8s    11.50nm          4.9mb
FUR     80.58 353 eP     10 36.60    0.4
        0.7s    36.00nm          5.4mb
CDF     80.60 355 eP     10 36.20   -0.2
        0.7s    14.10nm          5.0mb
LDF     80.60   0 iPc    10 36.30    0.0
        0.7s    51.50nm          5.6mb
KHI     80.76 314 ePc    10 37.80    0.2
GRR     80.80   1 iPc    10 37.60    0.3
        0.7s    47.40nm          5.6mb
CVO     80.81 342 eP     10 39.00    1.5
HAU     81.05 356 eP     10 38.80    0.1
        0.7s    14.10nm          5.0mb
LPF     81.16   1 iPc    10 39.60    0.4
        1.0s    37.00nm          5.3mb
MLR     81.17 342 iPd    10 40.00    0.5
WB2     81.46 223 eP     10 40.20   -0.9
WRA     81.46 223 Pd     10 40.10   -1.0
        0.8s     6.90nm          4.7mb
KBA     81.47 351 iPc    10 41.50    0.4
        0.7s   123.00nm          6.0mb
                 ic      10 42.10
                i(pP)    10 54.70   45kmX
                  i      10 59.30
                iPcP     11 12.60
                ePP      13 10.50
CMP     81.56 343 ePd    10 42.00    0.6
LOR     81.88 358 eP     10 43.20    0 2
        1.0s    28.80nm          5.2mb
OGA     81.89 353 iPc    10 44.10    0.8
        0.7s    20.00nm          5.2mb
SSF     82.09 358 iPc    10 44.50    0.4
        0.8s    22.00nm          5.2mb
LBF     82.16 357 iPc    10 44.60    0.1
        1.0s    18.50nm          5.1mb
AVF     82.37 358 eP     10 45.80    0.3
        1.0s    37.50nm          5.4mb
LJU     82.37 350 e(P)   10 45.00   -0.6
VOY     82.45 350 eP     10 45.50   -0.6
SMF     82.50 358 eP     10 46.30    0.0
        1.0s    54.00nm          5.5mb
MFF     82.59   0 eP     10 47.10    0.4
        0.8s    29 50nm          5.4mb
BGF     82.61 358 eP     10 47.30    0.5
        1.0s    26.60nm          5.2mb
CTI     82.65 352 eP     10 46.00   -1.2
BEO     82 78 346 iP     10 55 40    7.7X
TCF     82.89 359 eP     10 48 60    0.3
        0.8s    15.50nm          5.1mb
LSF     82.94 359 eP     10 48.90    0.4
        0.8s    20.30nm          5.2mb
MZF     82.96 358 eP     10 49.30    0.7
        1.0s    18.50nm          5.1mb
ORO     83.34 355 eP     10 55.00    4.3X
HYB     83.72 290 ePc    10 52.60   -0.4
        1.0s    40.00nm          5.4mb
RJF     83.89 359 eP     10 53.60    0.2
CAF     84.26 359 eP     10 56.00    0.7
        1.1s    26.80nm          5.3mb
LFF     84.26 360 eP     10 55.90    0.7
        1.1s    54.20nm          5.6mb
LPO     84.51 359 eP     10 57.20    0.7
        1.0s    34.60nm          5.4mb
ASPA    84.94 222 eP     10 59.00    0.2
SKO     85.40 344 iP     11 02.50    1.5
      Z 19s      1.36um          5.4Msz
      E 19s      1.07um
FRF     85.47 355 eP     11 01.60    0.3
        1.0s    34.70nm          5.5mb
POO     85.59 294 iPd    11 03.10    0.8
                 iS      21 32.00
LRG     85.59 356 eP     11 02.50    0.6
        0.8s    12.30nm          5.2mb
AQU     86.14 350 eP     11 06.20    1.4
MNS     86.18 351 eP     11 05.00    0.2
CVF     86.33 354 eP     11 05.80    0.2
        0.8s    49.60nm          5.8mb
GBA     87.37 288 Pd     11 10.90   -0.1
        0.9s    17.80nm          5.3mb
ORI     88.04 348 eP     11 15.50    1.6
KRP     88.83 184 P      11 18.00    0.7
YOU     89.60 206 eP     11 22.60    1.5
KOD     89.99 286 eP     11 24.00    0.1
CAN     90.42 205 eP     11 27.20    2.3
WAM     91.27 205 eP     11 30.40    1.7
MEK     94.54 232 eP     11 44.00   -0.1
        0.6s     8.00nm          5.3mb
BNG    122.42 338 ePKPd  17 19.50    0.1
        1.0s    15.00nm
                 id      17 34.20
                 id      18 55.20
KIC    122.52   6 ePKP   17 18.30   -1.2
                  e      17 32.80
TCA    129.14  93 ePKPd  17 32.10    0.1
MTD    137.55 312 ePKP   17 49.00    0.7
KRI    138.49 315 ePKP   17 52.00    1.9X
SPA    141.00 180 e(PKP) 17 47.00   -6.1X
BUL    141.85 314 ePKP   17 55.10   -1.0
SLR    146.79 309 iPKPd  18 05.60    1.3
        0.9s    30.25nm
EVA    147.04 307 iPKPd  18 07.30    2.6X
        0.7s    47.95nm
BPI    147.28 309 iPKPd  18 06.00    0.9
        0.7s    30.14nm
BFS    148.49 310 iPKPd  18 10.60    3.6X
        0.5s    54.93nm
SEK    149.26 308 iPKPc  18 13.00    4.8X
        0.7s    48.63nm
                  i      18 17.00
VIR    149.43 309 ePKP   18 13.00    4.6X
        0.7s    27.40nm
BLF    150.62 309 iPKPd  18 17.00    6.8X
        0.6s    32.14nm
      S.D. = 0.9  on 169 of 191 obs.

% FEB 13, 1985  18h 00m 12.30± 0.83s
  33.592 S ±10.6km   70.729 W ±12.1km
  DEPTH = 33.0km (normal)
 CHILE-ARGENTINA BORDER REGION   (127)

PCH      0.18  99 iP     00 19.00    0.1
                 iS      00 30.00
TACH     0.18 251 iP     00 20.70    1.9
                 iS      00 32.00
BACH     0.31  40 iPd    00 20.60    0.3
                 iS      00 31.60
CHCH     0.35 169 iP     00 20.40   -0.3
                 iS      00 32.00
PEL      0.45   5 iPc    00 21.50   -0.7
                 iS      00 33.90
LNV      0.67 237 iP     00 24.00   -1.3
                 iS      00 37.70
      S.D. = 1.4  on   6 of   6 obs.

& FEB 13, 1985  18h 09m 11.79s
  60.399 N          153.174 W
```

13d 18h

DEPTH = 134.8km
SOUTHERN ALASKA (2)
<AGS-P>.

RDT	0.42	65	iP	09 30.73	-0.6
			eS	09 46.20	
PDB	0.80	220	iP	09 32.85	-0.8
			iS	09 49.13	
SPU	0.96	34	iP	09 34.51	-0.6
			iS	09 51.56	
NNL	1.00	110	eP	09 35.54	0.1
NKA	1.02	69	eP	09 36.46	0.9
AUL	1.03	187	iP	09 39.58	3.9
AUH	1.05	188	eP	09 35.60	-0.3
BRLK	1.31	118	eP	09 37.53	-1.0
			iS	09 57.19	
SVW	1.40	322	iPc	09 37.90	-1.6
SLKM	1.47	84	eP	09 39.05	-1.2
SUA	1.60	47	eP	09 41.03	-0.8
SKT	1.78	26	eP	09 43.10	-0.7
SEW	1.88	97	eP	09 43.56	-1.4
MPA	1.89	86	eP	09 43.52	-1.6
PMS	1.96	63	eP	09 44.30	-1.7
PWA	2.04	51	eP	09 45.31	-1.6
PTE	2.10	75	eP	09 45.54	-2.1
PME	2.36	57	eP	09 48.40	-2.6
PWL	2.43	77	eP	09 49.08	-2.7
GHO	2.48	54	eP	09 50.07	-2.5
MSE	2.50	53	eP	09 50.25	-2.6
KNK	2.52	64	eP	09 50.33	-2.6
KDC	2.68	172	iPd	09 51.90	-3.1
SML	2.74	57	eP	09 53.15	-2.7
CFI	2.77	71	eP	09 53.73	-2.3
MTG	2.88	97	eP	09 56.90	-0.7
TTA	2.88	333	iPc	09 55.60	-2.1
SCM	3.18	61	eP	09 58.98	-2.6
HIN	3.31	87	eP	10 01.73	-1.6
VLZ	3.44	75	eP	10 03.00	-1.9
KLU	3.70	70	eP	10 05.54	-3.0
SGAM	3.95	85	eP	10 09.46	-2.3
FBA	5.15	26	eP	10 25.10	-2.8
BALM	5.36	78	eP	10 28.50	-2.3
YAH	5.67	85	iP	10 33.71	-1.4
IMA	5.70	358	eP	10 33.10	-2.3
PCA	6.44	87	eP	10 43.58	-1.9
INK	11.57	39	eP	11 50.00	-3.7
YKA	18.37	67	eP	13 16.10	-2.3
MBC	19.69	23	eP	13 28.00	-4.0

40 obs. associated

• FEB 13, 1985 19h 59m 46.15± 1.43s
7.419 S ± 7.4km 127.769 E ±10.0km
DEPTH = 131.2 ± 16.0 km
4.9mb (14 obs.)
BANDA SEA (280)

AAI	3.73	7	ePd	00 50.60	7.4X
	0.7s	164.10nm			
TLE	5.26	71	ePd	01 05.10	1.4
MTN	6.33	149	eP	01 17.00	-1.3
	0.5s	212.00nm		5.7mb	
			eS	02 10.00	
KNA	8.34	173	iPc	01 44.70	-0.8
	0.4s	590.00nm		6.5mb	X
			eS	03 11.00	
WRA	13.99	154	Pd	02 55.60	-4.2X
	0.6s	49.80nm		5.0mb	
WB2	13.99	154	eP	02 55.80	-4.1X
			iS	05 21.30	
MBL	15.67	209	eP	03 22.00	1.0
	0.3s	4.00nm		4.2mb	
			eS	06 03.00	
ASPA	17.19	161	eP	03 38.00	-1.9
	0 6s	236.00nm		5.7mb	
			eS	06 40.00	
WBN	18.65	183	iPd	03 56.90	0.3
	0.4s	23.00nm		4.8mb	
NAU	19 12	217	eP	04 02.00	0.4
	0 4s	31.00nm		5.0mb	
			eS	07 36.00	
PMG	19.28	97	eP	04 07.00	3.8X
	0 9s	50.42nm		4.9mb	
MEK	21.01	204	eP	04 21.00	0.2
	0 5s	16.00nm		4.7mb	
			eS	08 10.00	
CTA	21.90	127	iPd	04 30.10	0.4
	1.0s	27.00nm		4.6mb	

KLG	23.98	193	eP	04 52.00	2.2
			eS	09 16.00	
BAL	25.29	203	eP	05 04.00	2.0
			eS	09 51.00	
KLB	25.80	200	eP	05 06.00	-0.7
			eS	10 01.00	
MUN	26.71	202	eP	05 15.00	0.0
			eS	10 22.00	
NWAO	27.20	200	eP	05 19.00	-0.4
			eS	10 32.00	
STK	27.54	154	eP	05 21.00	-1.5
IPM	29.23	293	ePd	05 39.00	1.1
YOU	32.80	147	eP	06 08.90	-0.1
CAN	33.92	148	eP	06 19.20	0.5
WAM	34.53	149	eP	06 24.80	1.0
KHT	36.38	307	eP	06 41.00	1.4
CHG	38.56	313	eP	07 01.00	3.1X
PKI	53.74	312	eP	08 57.40	-0.1
	0.6s	30.00nm		5.4mb	
KKN	53.95	312	eP	08 59.00	0.0
DMN	53.98	312	eP	08 59.40	0.2
	0.6s	26.00nm		5.3mb	
GBA	54.16	293	Pd	08 57.40	-2.9
	0.6s	6.60nm		4.7mb	
HYB	54.53	297	eP	09 02.50	-0.6
	1.0s	20.00nm		5.0mb	
NDI	60.50	309	iPc	09 42.50	-2.2
MHI	77.23	310	eP	11 28.00	0.3
SPA	82.63	180	eP	11 56.10	0.2
	0.6s	5.28nm		4.5mb	

S.D. = 1.3 on 28 of 33 obs.

? FEB 13, 1985 20h 19m 51.70±14.68s
32.137 S ±102.km 71.622 W ±63.8km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

ROCH	0.98	148	iPd	20 08.00	-1.4
			iS	20 20.60	
JACH	1.03	122	iP	20 10.00	0.1
			iS	20 24.00	
PEL	1.28	142	iPd	20 13.10	-0.3
			iS	20 30.00	
FCH	1.63	137	iP	20 19.00	0.2
			iS	20 40.40	
PCH	1.75	148	iP	20 20.80	0.5
			iS	20 43.00	
LNV	1.82	174	iP	20 21.00	-0.2
			iS	20 41.80	
CHCH	1.97	156	eP	20 24.50	1.1
			iS	20 48.10	

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

? FEB 13, 1985 20h 29m 32.75± 4.53s
24.632 S ±29.9km 178.942 E ±22.8km
DEPTH = 596.9 ± 47.1 km
4.5mb (2 obs.)
SOUTH OF FIJI ISLANDS (171)

KRP	13.57	192	P	32 13.20	-13.5X
TCW	16.99	192	eP	33 00.00	0.2
			eS	36 00.00	
ASPA	40.97	262	eP	36 27.00	0.4
WB2	41.39	267	iPd	36 29.70	-0.2
WRA	41.40	267	Pd	36 29.40	-0.6
	0.3s	6.40nm		4.6mb	
KLB	53.81	248	eP	38 03.00	0.1
BAL	54.87	249	eP	38 10.00	-0.3
MUN	55.06	247	eP	38 12.00	0.4
NAU	57.71	258	eP	38 30.00	0.2
SPA	65.51	180	ePc	39 19.50	-0.4
	0.8s	10.42nm		4.3mb	
NB2	142.64	350	PKP	47 48.30	-11.4X
	0.6s	0.80nm			
CLL	151.25	342	iPKPc	48 13.60	0.0
BRG	151.35	340	i(PKP)	48 14.00	0.2
BNG	152.45	226	iPKPc	48 20.90	4.4X
	0.8s	7.00nm			
			id	48 36.00	

S.D. = 0.4 on 11 of 14 obs.

• FEB 13, 1985 20h 58m 26 82± 0 75s
1.326 N ±14.5km 128.105 E ±33.7km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
HALMAHERA (267)

DAV	6.25	336	eP	00 09.00	9.7X
			eS	01 10.00	
CGP	7.85	334	eP	00 21.00	-0.7
BAG	16.72	334	eP	02 21.00	0.5
WRA	22.00	164	Pc	03 19.80	-0.3
WB2	22.01	164	eP	03 20.20	0.0
ASPA	25.47	168	eP	03 54.00	0.2
CHG	33.45	303	eP	05 11.00	5.8X
KMI	34.05	316	eP	05 13.50	3.0X
CD2	37.38	324	P	05 42.00	3.5X
BJI	40.03	346	eP	06 00.00	-0.5
LZH	41.26	330	eP	06 13.00	2.2X
HYB	51.24	291	eP	07 29.50	-0.4
GBA	51.58	286	P	07 36.00	3.6X
	1.1s	6.90nm		4.5mb	
WMQ	55.47	325	eP	08 02.00	1.1

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

% FEB 13, 1985 21h 40m 49.88± 3.23s
33.595 S ±10.8km 70.873 W ±12.1km
DEPTH = 68.6 ± 33.4 km
CHILE-ARGENTINA BORDER REGION (127)

TACH	0.08	223	iP	41 00.20	0.0
			i(S)	41 08.70	
PCH	0.30	95	iPd	41 01.00	-0.2
			iS	41 09.50	
CHCH	0.38	152	iPc	41 01.70	-0.1
			iS	41 11.00	
PEL	0.48	19	iPc	41 02.50	-0.1
			iS	41 12.60	
FCH	0.55	61	eP	41 04.00	0.3
			iS	41 14.20	
LNV	0.57	231	iPc	41 03.50	0.0
			iS	41 13.60	
ROCH	0.63	349	iP	41 04.50	0.1
			iS	41 15.50	
JACH	0.94	15	iP	41 07.70	-0.2
			i(S)	41 20.50	

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

& FEB 13, 1985 21h 50m 16.20s
59.640 N 152.656 W
DEPTH = 85.4km
SOUTHERN ALASKA (2)
<AGS-P>. Felt (II) at Homer.

AUL	0.47	237	iP	50 30.04	-0.4
AUH	0.49	236	eP	50 30.25	-0.4
ILM	0.55	352	iP	50 30.59	-0.5
			iS	50 42.11	
PDB	0.79	281	iP	50 32.45	-1.0
NNL	0.80	59	iP	50 33.82	0.3
BRLK	0.91	81	iP	50 33.93	-0.9
			iS	50 47.95	
RDT	0.95	7	iP	50 34.64	-0.6
			iS	50 49.24	
NKA	1.31	32	eP	50 40.93	1.2
			eS	50 58.71	
SLKM	1.50	53	eP	50 37.59	-4.6
SPU	1.58	11	iP	50 42.66	-0.5
			iS	51 03.24	
SEW	1.68	73	eP	50 43.19	-1.3
MPA	1.86	61	eP	50 45.66	-1.2
KDC	1.90	177	eP	50 44.70	-2.7
SUA	2.06	26	iP	50 49.24	-0.5
SVW	2.08	316	eP	50 48.70	-1.3
PTE	2.19	54	eP	50 49.94	-1.4
PMS	2.22	42	eP	50 50.73	-1.1
SKT	2.41	13	iP	50 53.34	-1.1
PWA	2.44	33	iP	50 54.18	-0.5
PWL	2.48	59	eP	50 53.35	-2.0
			iS	51 22.28	
PMR	2.62	40	eP	50 55.20	-2.0
MTG	2.62	82	iP	50 55.57	-1.7
PME	2.68	40	eP	50 56.28	-1.7
KNK	2.73	48	eP	50 56.89	-1.9
			iS	51 28.52	
GHO	2.82	39	eP	50 58.13	-1.9
MSE	2.85	38	eP	50 58.33	-2.3
CFI	2.88	55	eP	50 58.38	-2.4
GLI	3.04	63	eP	51 00.27	-2.7
SML	3.04	42	eP	51 01.01	-2.1
TTV	3.10	60	eP	51 01.80	-2.0
HIN	3.18	74	eP	51 02.43	-2.6
MID	3.22	91	iP	51 03.43	-2.1
FID	3.28	67	iP	51 02.99	-3.3

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VZW      3.35  62 eP     51 04.60   -2.8
SCM      3.42  48 eP     51 06.30   -2.0
VLZ      3.48  62 eP     51 06.79   -2.2
TTA      3.68 335 eP     51 10.20   -1.7
KLU      3.81  58 iP     51 11.36   -2.4
SGAM     3.83  74 eP     51 10.85   -3.1
SNH      4.97  80 eP     51 27.35   -2.6
BALM     5.31  70 eP     51 31.58   -3.1
FBA      5.75  21 eP     51 37.70   -2.9
AGAM     5.87  80 eP     51 40.20   -2.3
PCA      6.26  80 eP     51 37.71  -10.1
IMA      6.47 356 eP     51 49.00   -1.8
INK     12.02  36 eP     53 03.00   -2.8
YKA     18.45  65 eP     54 26.70   -0.5
MBC     20.29  22 eP     54 42.00   -4.7
        48 obs. associated

* FEB 13, 1985  23h 30m 37.96± 1.17s
   6.047 S ± 8.1km  130.698 E ±11.8km
   DEPTH =  74.6 ± 13.3 km
   4.7mb (  3 obs.)
 BANDA SEA                          (280)

TLE      2.08  79 iPc    31 11.10   -0.3
                 iS     31 29.00
AAI      3.42 313 iPc    31 32.40    2.3
MTN      6.77 176 eP     32 16.00   -0.8
KNA      9.83 191 eP     32 57.00   -1.8
        0.3s     69.00nm          6.1mb X
WRA     14.26 166 Pd     33 53.00   -4.7X
        0.4s     12.30nm          4.6mb
WB2     14.26 166 eP     33 52.90   -4.8X
                 iS     36 23.50
ASPA    17.79 170 eP     34 40.00   -2.2
CTA     20.57 134 iPc    35 14.30    1.2
        1.0s     41.00nm          4.7mb
NAU     22.00 220 eP     35 29.00    1.6
STK     27.65 160 eP     36 21.00    0.3
YOU     32.51 152 iPc    37 04.60    0.8
CAN     33.66 152 iPc    37 15.00    1.2
WAM     34.33 153 eP     37 21.30    1.9
XAN     44.88 334 eP     38 45.50   -1.4
BJI     47.77 345 eP     39 09.00   -0.5
CN2     49.84 355 eP     39 24.20   -1.2
GTA     53.48 330 Pc     39 52.80   -0.2
KKN     55.25 310 eP     40 05.60   -0.7
        0.5s     5.00nm          4.8mb
DMN     55.30 310 eP     40 06.30   -0.3
     S.D. = 1.5  on  17 of  19 obs.

   FEB 14, 1985  00h 47m 45.25± 0.36s
    6.789 N ± 3.9km   72.973 W ± 4.5km
   DEPTH = 165.3 ±  3.5 km
   5.0mb ( 29 obs.)
 NORTHERN COLOMBIA                  ( 99)
      Felt at Bogota, Cucuta and
      Bucaramongo.

BMG      0.30 340 iP     48 06.50   -2.7
FUQ      1.52 210 iP     48 18.50    1.7
BOG      2.41 207 iP     48 27.50    0.6
                 iS     48 57.50
UAV      2.56  45 iPnc   48 29.80    1.3
        0.2s   1977.20nm
SDV      3.12  48 iPnd   48 36.80    1.4
        0.2s    252.60nm
CHN      3.19 236 iP     48 35.00   -1.4
LGN      3.74  27 ePn    48 44.00    0.9
        0.3s   1480.00nm
TOV      4.33  46 iPnd   48 51.90    0.9
        0.7s    384.60nm
UPA      6.85 289 iPc    49 19.80   -4.6X
        0.8s     71.64nm          5.1mb
                 i      49 35.00
                 iS     50 32.80
CAR      7.03  58 iPnd   49 25.80   -1.0
        0.7s    178.08nm          5.5mb
PSO      7.05 218 iP     49 26.50   -0.9
CUM      9.44  67 iPc    49 57.80   -0.8
GUV      9.85  83 iPc    50 16.00   11.9X
        0.5s     69.20nm
PCJ     11.63 340 eP     50 28.74    1.4
                 eS     52 19.87
HOJ     11.74 342 eP     50 31.14    2.4X
                 eS     52 29.40
GWJ     11.80 342 eP     50 31.66    1.9X
                 eS     52 30.14

STH     11.83 342 eP     50 31.18    1.2
                 eS     52 32.62
BBJ     12.26 340 eP     50 37.38    1.8
                 eS     52 40.18
SJG     13.07  30 iPc    50 43.20   -2.8
ATB     23.00 115 iPd    52 39.00    2.4X
ARE     23.15 176 eP     52 38.00   -0.3
LPB     23.67 168 Pd     52 45.00    1.5
        1.0s     60.00nm          5.1mb
                 S      56 45.00
                 LR     58 54.00
CNCB    23.96 168 P      52 47.00    0.6
                 S      56 50.00
BAO     33.30 132 iPd    54 01.00   -8.5X
BHO     34.09 327 eP     54 16.00    0.1
        0.8s     9.40nm           4.5mb
RLO     35.53 328 eP     54 27.60   -0.5
SOB1    35.70 116 eP     54 30.70    0.9
                 e      54 32.60
TUL     35.74 327 eP     54 29.40   -0.5
        1.4s     33.20nm          4.8mb
                 e      56 55.00
ITR     37.74 114 eP     54 47.60    0.6
OTT     38.53 357 eP     54 54.00    0.9
        0.6s     30.00nm          5.2mb
MNT     38.57 359 iPd    54 55.20    1.8
                 pP     55 29.00  154kmX
TCA     38.75 169 ePd    54 52.50   -2.7
VAO     39.03 140 eP     54 57.40   -0.2
                 e      55 10.60
ALQ     41.63 317 eP     55 18.50   -0.5
        1.0s     3.25nm           3.9mb X
                 e      55 48.00
LHC     43.73 344 eP     55 35.00   -0.6
STJ     44.16  20 eP     55 38.50   -0.5
TPC     48.13 310 eP     56 10.00   -0.5
SCH     48.15   5 ePc    56 10.60    0.4
        0.6s    130.00nm          5.7mb
PLM     48.45 309 eP     56 14.00    0.9
RVR     49.09 310 eP     56 37.00   19.2X
GSC     49.19 312 eP     56 19.00    0.3
MWC     49.70 310 eP     56 32.00    9.3X
SBB     49.71 310 eP     56 23.00    0.4
EUR     50.47 317 iP     56 29.00    0.5
        0.2s     7.82nm           5.0mb
LRM     51.69 325 eP     56 37.40   -0.2
FFC     53.17 339 eP     56 47.00   -1.1
        0.5s    11.00nm           4.9mb
SES     53.80 331 eP     56 52.00   -0.9
NEW     55.70 326 eP     57 05.00   -1.7
EDM     56.72 332 iPc    57 12.40   -1.4
FRB     56.94   2 ePc    57 13.50   -1.5
        0.5s    54.00nm           5.7mb
PNT     57.66 326 eP     57 20.00   -0.4
        0.7s    10.00nm           4.8mb
YKC     63.29 340 ePc    57 57.00   -1.2
        0 6s    17.00nm           5.1mb
YKA     63.34 340 eP     57 58.20   -0.4
KIC     67.73  86 iPc    58 26.70   -0.7
                 e      59 06.90
DCN     70.18  36 iPc    58 41.20   -0.5
DDK     70.73  36 iPc    58 45.00    0.0
LPF     72.92  42 iPd    58 57.00   -1.0
GRR     73.09  42 iPd    58 58.20   -0.9
        0.6s    10 40nm           4.7mb
INK     73.10 340 eP     58 58.50   -0.2
MFF     73.31  43 iPd    58 59.70   -0.7
        0.6s     7.20nm           4.6mb
FLN     73.40  41 iPd    59 00.20   -0.6
        0.6s     9.00nm           4.7mb
LDF     73.61  41 eP     59 01.20   -0.9
LFF     73.71  45 eP     59 02 00   -0.7
MBC     73.86 350 iPc    59 03.40    0.4
        0.7s    57.00nm           5.4mb
LPO     74.00  46 eP     59 03.70   -0 7
RJF     74.30  45 eP     59 05.30   -0.9
CAF     74.65  45 eP     59 07.60   -0.6
        0.6s     4.50nm           4.4mb
BGF     75.35  44 eP     59 11.30   -0.8
        0.6s     5.00nm           4.4mb
DAG     75.64  11 iPd    59 12.50   -0.7
        0.5s    43.66nm           5.4mb
ALE     75.82   1 ePc    59 14.20    0.1
        0.5s    14.00nm           4.9mb
LOR     76.11  43 eP     59 15.20   -1.2
DOU     76.85  40 P      59 19.90   -0.5
ENN     77.75  40 ePd    59 25.00   -0.3

        1.0s     30.00nm          5.0mb
WLF     77.82  41 Pc     59 26.70    1.0
WTS     78.39  38 eP     59 28.50   -0.3
        0.8s     37.00nm          5.2mb
GWF     78.74  42 iPd    59 30.30   -0.5
MUD     80.04  34 iPd    59 38.50    1.0
        0.6s     11.00nm          4.8mb
NB2     81.28  29 P      59 45.10    1.0
        0.6s     14.00nm          4.9mb
CLL     82.23  39 eP     59 50.00    0.9
        0.8s      9.00nm          4.6mb
KBA     82.57  43 ePd    59 50.50   -0 7
        0.7s      7.70nm          4 6mb
                 i      59 57.10
                 i      00 40.30
KHC     82.66  41 P      59 52.50    1.1
                 e      00 33.20
BRG     82.84  40 iP     59 52.50    0.2
        0.8s     14.00nm          4.8mb
PRU     83.25  40 P      59 55.00    0.6
                 e      00 35.50
KSP     84.33  40 eP     00 00.50    0.7
UPP     84.48  30 iP     00 00.20   -0.1
ZST     85.04  42 eP     00 05.00    1.6
KEV     87.12  20 iP     00 13.40    0.2
SOD     87.47  22 iP     00 15.30    0.4
NUR     87.89  29 eP     00 17.00    0.1
SUF     88.19  27 iP     00 18.80    0.4
KJF     88.57  25 iP     00 20.60    0.4
        0.8s     22.00nm          5.2mb
                 i      00 48.00
BNG     90.99  85 iPc    00 32.40    0.0
        0.7s     50.00nm          5.7mb
WMO    126.67  17 PKP    06 31.00    0.2
CN2    126.96 343 ePKP   06 31.00   -0.2
GTA    133.55   8 PKPc   06 45.30    1.2
TIA    136.19 348 ePKP   06 50.60    1.6
XAN    139.36 358 ePKP   06 48.60   -6.4X
CD2    142.39   5 ePKP   06 57.80   -2.7X
GBA    144.31  55 PKPc   07 00.80   -3.3X
        0.7s     17.10nm
GYA    146.95   1 PKP    07 10.40    2.0X
KMI    148.01   7 PKP    07 11.00    0.7
ASPA   149.21 234 ePKP   07 16.00    4.1X
WB2    150.44 241 ePKPc  07 14.80    1.0
                 i      07 19.70
                 e      08 01.50
WRA    150.45 241 PKPd   07 14.70    0.9
        0.8s     7.00nm
CHG    153.34  17 ePKP   07 19.50    1.4
LOE    155.40  12 ePKP   07 20.60   -0.2
PSI    167.58  41 ePKPc  07 34.50    1.2
     S.D. = 1.0  on  94 of 107 obs.

   FEB 14, 1985  01h 17m 22.11± 0.89s
   27.619 S ± 6.7km   69.492 W ±11.1km
   DEPTH = 165.6 ± 27.1 km
 NORTHERN CHILE                     (123)

VCA      1.60 135 ePd    17 53.30   -1.1
                 S      18 13.20
CYA      3.37 105 iPd    18 14.20   -1.2
                 S      18 49.50
RTLL     3.80 167 iPc    18 21.80    0.9
                 S      19 03.20
RTCB     3.90 171 ePc    18 23.20    1.0
                 S      19 09.80
ZON      3.98 170 eP     18 24.00    0.8
ANT      3.99 348 iP     18 22.80   -0.4
RTCV     4.31 169 iPc    18 28.20    0.7
SLA      4.60  52 iPc    18 32.90    1.4
                 S      19 25.80
JACH     5.14 190 iPd    18 38.70    0.3
                 iS     19 36.70
MDZ      5.28 174 e(P)   18 41.60    1.3
ROCH     5.49 193 iP     18 42.50   -0.8
                 i(S)   19 44.50
PEL      5.60 190 iPc    18 44.30   -0.3
                 iS     19 36.00
TCA      5.66 132 iPd    18 44.30   -1.0
                 S      19 41.80
FCH      5.73 187 eP     18 47.50    0.9
                 iS     19 51.30
BACH     5.78 188 iPd    18 47.40    0.5
PCH      6.05 188 iP     18 50.50    0 0
                 iS     19 56.50
TACH     6.14 191 eP     18 50.70   -1.0
```

14d 01h

LNV	6.53	194	iP	18	55.50	-1.3
			iS	20	05.20	
RFA	7.18	173	ePc	19	04.40	-1.3

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

* FEB 14, 1985 01h 51m 37.26± 1.64s
16.111 S ±13.8km 166.997 E ±12.0km
DEPTH = 73.8 ± 14.7 km
4.6mb (6 obs.)
VANUATU ISLANDS (186)

PVC	2.05	142	iPd	52	12.00	1.7
			iS	52	36.90	
NOU	6.19	185	iPc	53	05.30	-2.7
			iS	54	17.00	
SVO	9.85	314	eP	53	59.00	0.7
CTA	20.11	256	iPc	56	09.40	1.7
	0.8s	26.12nm			4.6mb	
YOU	24.64	219	eP	56	57.10	4.7X
CAN	25.00	217	eP	57	08.50	12.7X
WB2	31.25	258	eP	57	53.20	1.0
WRA	31.26	258	Pc	57	50.70	-1.6
	0.7s	2.50nm			4.1mb	
ASPA	31.96	251	eP	57	59.00	0.5
WBN	38.86	248	eP	59	00.00	2.8X
	1.0s	28.00nm			5.1mb	
TIA	70.20	319	eP	02	42.10	-2.1
CN2	70.69	329	eP	02	45.00	-2.1
BJI	73.17	322	eP	03	00.50	-1.4
SPA	73.99	180	eP	03	08.50	2.0X
	0.9s	11.36nm			4.8mb	
XAN	74.43	313	P	03	08.60	-0.8
CD2	76.64	308	P	03	22.60	0.6
LZH	79.05	313	Pc	03	36.00	0.7
GTA	83.43	314	P	03	57.50	-0.7
JAS1	86.63	49	eP	04	28.50	14.5X
BMN	89.88	48	eP	04	29.00	-0.6
EUR	90.44	49	IP	04	31.20	-1.1
	0.8s	1.47nm			4.3mb	
GBA	93.28	283	Pd	04	45.30	-0.2
	0.6s	1.50nm			4.6mb	
SOB1	142.65	130	e(PKP)	10	53.00	-11.6X
ITR	144.73	133	ePKP	11	05.30	-2.8
FLN	145.86	345	ePKP	11	07.80	-1.2
LDF	145.93	345	ePKP	11	08.00	-1.1
LOR	145.94	339	ePKP	11	08.90	-0.3
LBF	146.14	339	ePKP	11	09.60	0.0
SSF	146.24	340	ePKP	11	10.00	0.3
GRR	146.30	345	ePKP	11	09.50	-0.2
SMF	146.48	339	ePKP	11	11.20	1.1
AVF	146.52	339	ePKP	11	11.40	1.3
LPF	146.68	345	ePKP	11	10.90	0.6
BGF	146.90	340	ePKP	11	11.70	0.9
BNG	146.92	253	iPKPd	11	13.90	2.1
	0.9s	27.00nm				
			id	11	15.90	
MZF	147.28	340	ePKP	11	12.90	1.5
TCF	147.34	340	ePKP	11	12.90	1.4
LSF	147.59	341	ePKP	11	13.40	1.5
MFF	147.77	343	ePKP	11	13.70	1.6

S.D = 1.4 on 33 of 39 obs.

* FEB 14, 1985 02h 21m 00.06± 1.40s
27.852 S ± 8.0km 71.207 W ±16.8km
DEPTH = 204.2 ± 36.7 km
NEAR COAST OF NORTHERN CHILE (122)

VCA	2.79	109	ePc	21	47.80	-0.3
			S	22	26.00	
RTCB	4.18	151	ePd	22	06.00	1.1
			S	22	57.00	
ANT	4.19	10	eP	22	05.00	0.1
RTLL	4.21	146	ePd	22	05.30	0.1
			S	22	55.20	
ZON	4.29	150	eP	22	06.00	-0.2
RTCV	4.62	151	e(P)	22	13.00	2.6X
			S	23	05.00	
JACH	4.84	174	iP	22	13.00	-0.3
			iS	23	14.00	
PEL	5.29	175	eP	22	18.50	-0.5
			iS	23	23.10	
MDZ	5.41	158	e(P)	22	25.20	4.7X
PCH	5.78	174	eP	22	28.50	3.2X
			e(S)	23	40.50	
SLA	6.00	60	eP	22	36.80	8.6X
LNV	6.09	182	iP	22	34.50	5.4X
			iS	23	50.50	
TCA	6.73	123	ePd	22	37.30	-0.3
			e	22	40.20	
			S	23	49.00	
RFA	7.28	162	eP	22	45.20	0.3

S.D. = 0.6 on 9 of 14 obs.

? FEB 14, 1985 02h 57m 33.83± 4.35s
31.330 S ±38.4km 70.634 W ±32.4km
DEPTH = 139.3 ± 25.2 km
CHILE-ARGENTINA BORDER REGION (127)

JACH	1.35	179	iP	58	00.70	-0.7
			iS	58	17.60	
RTCB	1.58	96	ePc	58	04.00	0.1
			S	58	29.00	
ROCH	1.67	191	iP	58	05.50	0.4
			iS	58	24.50	
PEL	1.81	181	iPd	58	06.20	-0.3
			iS	58	26.50	
RTLL	1.85	91	ePd	58	07.40	0.4
			S	58	29.90	
RTCV	1.87	107	ePc	58	07.00	-0.2
			S	58	29.00	
FCH	2.01	172	eP	58	09.50	0.3
PCH	2.29	177	iP	58	12.80	0.4
			iS	58	38.00	
LNV	2.70	194	iPc	58	17.30	-0.1
TCA	5.17	92	ePc	58	50.10	-0.2
			S	59	43.80	

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

? FEB 14, 1985 03h 05m 50.75±12.02s
32.309 S ±71.8km 71.991 W ±68.2km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

ROCH	1.06	129	iP	06	08.50	-1.0
JACH	1.24	108	iPc	06	12.00	0.1
			iS	06	25.60	
PEL	1.38	127	iPc	06	13.50	-0.4
			iS	06	28.20	
TACH	1.61	147	eP	06	17.50	0.3
LNV	1.71	164	iP	06	18.50	-0.2
			iS	06	37.50	
FCH	1.76	126	iP	06	20.00	0.4
			eS	06	38.50	
PCH	1.80	137	iP	06	20.50	0.4
			iS	06	42.20	

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

* FEB 14, 1985 03h 09m 41.45± 1.53s
29.560 S ± 9.0km 178.492 W ±12.8km
DEPTH = 186.5 ± 14.3 km
4.8mb (2 obs.)
KERMADEC ISLANDS (178)

CRZ	8.93	235	eP	12	06.00	18.2X
			S	13	05.60	
GNZ	9.51	197	e(P)	11	53.00	-2.3
			S	13	41.00	
SVA	11.73	346	ePc	12	24.80	0.6
VUN	11.83	346	eP	12	25.50	0.0
WEL	12.92	203	(P)	12	41.00	1.7
			S	14	55.00	
NOU	15.34	295	iPd	13	20.00	10.4X
CAN	27.95	250	eP	15	17.80	1.3
WAM	28.10	248	iPd	15	20.50	2.8X
YOU	28.43	252	eP	15	22.60	1.8
STK	34.26	256	eP	16	12.00	0.5
ASPA	42.73	266	eP	17	21.00	-0.9
WB2	43.63	272	iPc	17	27.80	-1.4
			e	18	17.30	
			i	18	24.70	
			i	19	12.00	
WRA	43.64	272	Pc	17	27.60	-1.7
	0.5s	5.40nm			4.4mb	
SPA	60.61	180	iPc	19	36.30	1.8
	0.6s	31.71nm			5.3mb	
SBB	85.78	46	eP	22	01.00	0.2
ISA	86.01	45	eP	22	02.00	0.1
TPC	86.53	47	eP	22	04.00	-0.5
CLC	86.65	45	eP	22	05.00	0.0
GLA	86.66	49	eP	22	23.00	17.9X
GSC	86.81	46	eP	22	06.00	0.2
ALQ	93.39	52	e(P)	22	36.00	-0.7
			e	23	28.00	
BUL	124.10	211	iPKPd	28	19.20	-0.6
	0.7s	5.48nm				
MTD	125.55	216	ePKP	28	22.00	-0.6
KRI	126.50	214	ePKP	28	23.00	-1.5
KJF	141.57	342	ePKP	28	46.00	-5.2X
SUF	143.18	341	iPKP	28	49.30	-4.7X
NUR	145.38	340	iPKP	28	56.40	-1.4
	0.8s	19.10nm				
			e	29	47.00	
			i	32	14.00	
UPP	147.79	345	iPKP	29	03.50	1.8
NB2	147.86	351	PKP	29	03.50	1.6
	0.6s	4.40nm				
BNG	150.26	216	ePKPc	29	07.00	0.0
	1.0s	47.00nm				
			ic	29	11.50	
			id	29	18.40	

S.D. = 1.3 on 24 of 30 obs.

* FEB 14, 1985 03h 24m 14.77± 2.08s
4.917 S ±14.2km 75.902 W ±22.4km
DEPTH = 68.4 ± 19.7 km
4.5mb (1 obs.)
NORTHERN PERU (111)

PSO	6.23	347	eP	25	45.50	-1.1
BOG	9.65	11	eP	26	35.00	1.3
LPB	13.85	147	eP	27	36.00	6.2X
CNCB	14.14	147	eP	27	34.00	0.2
ATB	23.67	87	Pc	29	20.50	-0.6
ALQ	48.98	326	eP	32	57.00	0.3
	0.9s	4.62nm			4.5mb	
FRB	68.70	4	eP	35	12.00	-0.7
YKA	73.40	342	eP	35	41.70	0.6

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

% FEB 14, 1985 04h 23m 58.13± 4.44s
33.278 S ±11.9km 70.667 W ±19.6km
DEPTH = 70.8 ± 44.6 km
CHILE-ARGENTINA BORDER REGION (127)

PEL	0.13	354	iPd	24	08.50	-0.4
			iS	24	16.00	
FCH	0.32	99	eP	24	09.50	-0.6
			iS	24	18.00	
PCH	0.37	160	iP	24	11.00	0.9
			i(S)	24	18.50	
ROCH	0.42	316	iP	24	11.00	0.3
			iS	24	20.60	
JACH	0.60	6	iP	24	12.50	0.2
			iS	24	23.70	
LNV	0.92	222	iP	24	15.50	-0.3
			iS	24	28.20	

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

FEB 14, 1985 05h 04m 02.20± 0.18s
66.196 N ± 3.2km 150.148 W ± 3.4km
DEPTH = 10.0km (geophysicist)
5.0mb (25 obs.) 5.0Msz (6 obs.)
ALASKA (676)
ML 5.4 (PMR), Ms 5.0 (BRK). Felt (IV) at Fairbanks and (III) at Minto, Stevens Village and Wiseman.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: BS, 14C
Centroid Location:
Origin Time 05:04: 6.0 1.4
Lat 66.37N 0.18 Lon 149.98W 0.27
Dep 10.0 FIX Half-duration 1.5
Moment Tensor; Scale 10**23 D-CM
Mrr= 0.74 0.42 Mtt=-5.28 0.40
Mff= 4.55 0.49 Mrt=-2.31 1.66
Mrf= 2.44 1.70 Mtf=-5.59 0.65
Principal Axes:
T Val= 8.40 Plg=22 Azm=244
N -0.44 66 85
P -7.97 8 337
Best Double Couple:Mo=8.2*10**23
NP1:Strike= 23 Dip=69 Slip= 11
NP2: 289 80 158

IMA	1.44	267	iPc	04	29.60	1.1
FBA	1.63	142	iPd	04	29.70	-1.3
TTA	4.14	220	iPc	05	06.00	-0.9
PWA	4.57	178	iPd	05	11.20	-1.6
PME	4.61	173	eP	05	12.80	-0.7

PMR	4.64	174	P	05	13.00	-1.0
PMS	4.98	177	eP	05	19.30	0.6
SVW	5.66	208	ePd	05	27.10	-1.3
BRW	5.66	338	eP	05	24.90	-3.4X
INK	6.79	64	eP	05	39.00	-5.1X
PNL	8.17	138	eP	06	04.20	0.6
KDC	8.55	188	eP	06	07.40	-1.4
SDN	11.98	210	eP	06	59.50	3.7X
MBC	13.88	31	eP	07	14.90	-5.9X
YKA	15.68	87	eP	07	38.50	-5.9X
YKC	15.74	87	eP	07	39.00	-6.2X
	0.5s	16.00nm			4.5mb	
ADK	19.56	236	eP	08	34.00	1.3
EDM	22.23	108	eP	08	59.00	-1.1
PNT	23.10	122	eP	09	10.00	1.3
	1.1s	122.00nm			5.4mb	
ALE	24.76	18	ePc	09	23.80	-0.7
	0.9s	13.00nm			4.6mb	
NEW	24.86	120	iPc	09	27.50	1.7
	1.0s	35.00nm			5.0mb	
SES	25.34	109	eP	09	30.00	-0.3
FFC	25.65	93	iPc	09	33.70	0.6
	1.3s	48.00nm			5.0mb	
LRM	28.61	117	eP	10	00.50	-0.1
WDC	29.99	135	e(P)	10	12.40	-0.2
			i	10	14.80	
			i	10	19.80	
			e	10	39.00	
MIN	30.47	134	eP	10	16.20	-0.9
BMN	31.74	128	P	10	28.00	-0.3
	1.2s	32.26nm			5.1mb	
RSON	31.88	91	P	10	27.00	-2.3X
	1.0s	32.50nm			5.2mb	
BDW	32.29	116	P	10	33.30	0.2
	1.1s	29.12nm			5.1mb	
FRB	32.34	55	ePd	10	30.70	-2.3X
BKS	32.59	137	ePc	10	36.00	0.5
	1.5s	71.00nm			5.4mb	
Z	20s	1.90um			4.8Msz	
N	20s	1.60um				
E	20s	2.10um				
		e		10	42.00	
		e		10	50.30	
		eLR		20	24.00	
		i		23	32.00	
		i		25	24.00	
		i		27	44.00	
EUR	33.00	127	iP	10	40.00	0.6
	0.6s	7.69nm			4.8mb	
JAS1	33.06	134	e(P)	10	39.00	-0.6
			i	10	41.50	
GDH	33.15	40	eP	10	41.00	1.0
MNA	33.27	131	e(P)	10	42.20	0.6
			e	10	43.90	
DAG	34.15	18	iPc	10	47.70	-1.0
	0.5s	8.45nm			4.9mb	
PRI	34.65	136	e(P)	10	54.50	1.0
			e	10	56.30	
LHC	35.59	89	eP	11	02.00	0.7
ISA	35.73	133	eP	11	03.00	0.3
CLC	35.85	132	eP	11	05.00	1.3
SYP	36.36	136	eP	11	10.00	2.0
GOL	36.51	114	P	11	09.20	-0.3
Z	18s	4.33um			5.3Msz	
GSC	36.57	131	eP	11	11.00	1.2
SBB	36.83	133	eP	11	12.00	0.1
MWC	37.20	133	eP	11	17.00	1.9
PAS	37.23	133	eP	11	18.00	2.8X
RVR	37.61	133	eP	11	20.00	1.6
TPC	37.91	131	eP	11	20.00	-1.0
PLM	38.36	132	eP	11	25.00	0.0
BAR	39.05	132	eP	11	32.00	1.5
SCH	39.43	65	eP	11	32.00	-1.4
ALQ	40.34	119	eP	11	41.00	-0.4
	1.0s	26.50nm			4.9mb	
			e	11	50.80	
TUL	43.47	106°	ePc	12	06.80	0.0
	1.2s	59.60nm			5.2mb	
Z	22s	3.63um			5.2Msz	
N	20s	5.56um				
E	20s	8.61um				
OTT	43.51	80	eP	12	07.00	0.1
RLO	43.55	106	ePc	12	06.80	-0.6
FVM	43.80	100	P	12	07.70	-1.6
MNT	44.26	79	iPd	12	11.20	-1.8
KEV	44.30	1	eP	12	13.00	-0.1
			eS	18	40.00	

BHO	45.18	107	eP	12	20.10	-0.4
	1.0s	9.50nm			4.7mb	
LTX	46.41	119	P	12	30.80	0.4
CN2	48.78	287	Pd	12	48.40	-0.3
			eS	19	40.00	
MAT	49.85	271	(P)	12	54.00	-3.1X
Z	20s	1.06um			4.8Msz	
			eS	20	18.00	
PRM	50.42	94	P	13	00.00	-1.4
SNY	51.18	287	eP	13	07.00	0.0
SUF	51.36	2	eP	13	06.00	-2.1X
	1.0s	17.50nm			4.9mb	
NB2	52.33	11	P	13	14.20	-1.4
	1.2s	13.80nm			4.8mb	
NUR	53.54	3	eP	13	19.00	-5.5X
			e	13	27.00	
KONO	53.56	13	eP	13	27.10	2.4X
SHK	53.84	274	eP	13	27.80	0.8
UPP	53.93	8	iP	13	27.60	0.3
BJI	55.55	292	(P)	13	39.00	-0.5
TIA	58.54	289	eP	14	00.60	-0.2
NJ2	61.53	285	eP	14	21.00	-0.3
WMQ	61.69	316	P	14	22.00	-0.4
GTA	61.96	304	Pc	14	24.50	0.2
MEM	62.11	17	P	14	36.90	12.0X
CLL	62.12	12	eP	14	24.00	-1.0
BRG	62.63	11	eP	14	29.10	0.7
	1.0s	16.00nm			5.2mb	
			e	15	06.00	
MOX	62.66	13	eP	14	30.00	1.4
KSP	62.83	10	eP	14	29.00	-0.8
PRU	63.56	11	eP	14	34.00	-0.5
XAN	63.56	294	eP	14	33.30	-1.5
LZH	63.56	300	Pc	14	35.00	0.0
E	15s	3.00um				
			eS	23	00.50	
GRF	63.57	13	eP	14	34.30	-0.3
	0.6s	5.00nm			4.9mb	
Z	20s	0.30um			4.5Msz	
KRA	63.83	7	eP	14	32.90	-3.4X
Z	20s	1.40um			5.1Msz	
N	20s	1.50um				
			e	14	36.90	
KHC	64.33	12	P	14	41.30	1.6
	1.1s	10.50nm			4.9mb	
			e	14	56.00	
WHN	64.62	288	eP	14	41.50	-0.2
LOR	65.12	19	eP	14	43.50	-1.3
	0.9s	4.90nm			4.7mb	
SSF	65.27	20	eP	14	44.50	-1.2
LBF	65.41	19	eP	14	44.40	-2.3X
JOS	65.42	7	e(P)	14	53.00	6.4X
ZST	65.52	9	e(P)	14	50.00	2.7X
BGF	65.68	20	eP	14	46.30	-2.0X
	0.9s	4.50nm			4.7mb	
LSF	65.79	21	eP	14	47.80	-1.3
SOP	66.00	10	eP	14	52.80	2.5X
KBA	66.35	12	iP	14	52.20	-0.6
	0.7s	11.80nm			5.2mb	
			i	14	57.00	
			iPcP	15	24.70	
GUA	67.68	252	e(P)	15	05.40	4.0X
CD2	68.26	297	P	15	05.30	0.4
CVO	68.28	3	eP	15	07.00	2.2X
TOL	71.07	27	eP	15	28.00	6.0X
GYA	71.22	293	P	15	23.60	0.4
SKO	71.97	7	eP	15	29.00	1.7
KMI	73.88	296	Pc	15	38.50	-0.5
E	18s	4.40um				
			S	23	50.00	
MHI	75.30	336	eP	15	48.00	1.1
KKN	77.30	312	eP	15	58.90	0.5
	1.1s	88.00nm			5.8mb	
PKI	77.47	311	eP	16	00.10	0.6
	1.1s	22.00nm			5.2mb	
DMN	77.52	312	eP	16	00.40	0.7
	0.8s	29.00nm			5.4mb	
NDI	78.77	319	eP	16	06.60	0.5
QUE	79.81	328	eP	16	13.00	1.0
BOG	80.18	101	eP	16	15.00	0.6
CHG	81.04	296	eP	16	18.50	0.0
LOE	81.30	293	eP	16	13.00	-6.8X
POO	89.33	319	eP	17	05.00	5.1X
SPA	156.05	180	ePKP	23	56.00	-0.1
	1.0s	5.00nm				

S.D. = 1.0 on 89 of 114 obs.

* FEB 14, 1985 06h 59m 19.99± 2.19s
36.691 N ±17.5km 21.629 E ±17.7km
DEPTH = 59.5 ± 16.9 km
4.3mb (2 obs.)
SOUTHERN GREECE (368)

VLS	1.70	331	ePn	59	47.00	-0.8
			eSn	00	10.00	
ATH	2.10	52	ePn	59	54.50	1.2
			eSn	00	22.00	
NPS	3.53	113	ePn	00	13.50	-0.1
KZN	3.61	2	ePn	00	15.50	0.7
MMB	5.16	18	iPc	00	25.00	-11.5X
SKO	5.28	358	iPn	00	38.80	0.7
			i	00	57.00	
VTS	6.02	11	eP	00	49.00	0.5
DIM	6.16	29	eP	00	48.00	-2.4
NUR	23.92	4	iP	04	28.80	-0.1
NB2	25.25	348	P	04	42.60	0.8
	0.6s	13.80nm			4.6mb	
SUF	26.21	5	eP	04	50.00	-0.5
	0.6s	2.80nm			4.0mb	

S.D. = 1.3 on 10 of 11 obs.

% FEB 14, 1985 07h 49m 03.23± 1.73s
32.964 S ±12.4km 71.087 W ±16.1km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

ROCH	0.06	97	iPc	49	10.60	1.4
			iS	49	17.50	
PEL	0.38	118	iPc	49	12.70	0.5
			iS	49	21.50	
JACH	0.50	56	iPd	49	13.10	-0.9
			iS	49	22.20	
TACH	0.70	170	eP	49	16.60	-0.1
			iS	49	28.00	
FCH	0.76	119	iPd	49	17.20	-0.6
			iS	49	29.20	
PCH	0.81	144	iP	49	18.50	0.2
			iS	49	30.00	
LNV	1.03	195	iPc	49	20.50	-0.8
			iS	49	35.50	

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

FEB 14, 1985 08h 30m 56.69± 0.14s
24.068 S ± 3.1km 67.881 W ± 4.2km
DEPTH = 138.8km (15 depth phases)
5.6mb (56 obs.)
CHILE-ARGENTINA BORDER REGION (127)
mb 5.6 (BRK). Felt (IV) at Antofogosta, Chile.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 20C
Centroid Location:
Origin Time 08:31: 4.1 0.3
Lat 23.88S 0.04 Lon 68.01W 0.04
Dep 143.7 1.8 Half-duration 2.4
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.79 0.09 Mtt=-1.27 0.13
Mff= 2.06 0.12 Mrt=-0.73 0.09
Mrf=-1.32 0.07 Mtf=-2.33 0.11
Principal Axes:

	Val=	Plg=	Azm=
T	3.44	12	65
N	-0.28	58	176
P	-3.16	29	329

Best Double Couple:Mo=3.3*10**24
NP1:Strike=111 Dip=61 Slip=-167
NP2: 14 79 -30

SLA	2.27	107	iPc	31	36.00	0.9
			S	32	07.00	
ANT	2.35	278	iPc+	31	35.30	-0.5
			iS	32	02.00	
VCA	4.66	183	iPd	32	07.80	1.4
			S	33	00.00	
CYA	4.74	157	iPd	32	08.20	0.8
CNCB	7.22	359	iP	32	39.00	-2.5
RTLL	7.25	184	iPc	32	40.00	-1.4
			S	33	59.00	
RTCB	7.43	186	iPc	32	42.20	-1.7
			S	34	04.00	
ZON	7.48	185	iPc	32	43.20	-1.3
LPB	7.50	358	P	32	42.50	-2.6
	1.0s	1020	00nm		6.3mb	
			S	34	06.00	

14d 08h

			LR	34	40.00		SPA	66.08	180	iPd	41	32.00	1.4				epP	43	31.30	139km
CFA	7.52	182	ePc	32	42.80	-2.1		0.5s		85.65nm			5.9mb				ePP	45	38.80	
			(S)	34	03.20					e	42	08.00	150kmX	MIN	81.27	321	iPd	42	58.25	-0.5
RTCV	7.78	184	iPc	32	47.00	-1.5	SKLY	67.95	355	P	41	41.00	-1.2	WDC	81.96	321	iPd	43	01.20	-0.9
			S	34	10.50		KIC	68.54	72	iPc	41	44.00	-2.6				iPcP	43	09.20	
TCA	7.81	159	iPc	32	47.00	-1.9	RSNY	68.55	355	P	41	45.00	-1.0				epP	43	37.40	144km
			S	34	11.80			1.0s		200.00nm			5.9mb	BLF	81.98	118	iPc	43	03.00	0.2
ARE	8.29	335	iPd	32	48.50	-7.1X	ALQ	69.15	327	ePd	41	49.80	-0.4		0.5s		18.92nm			5.1mb
			iS	34	18.00			1.0s		145.00nm			5.8mb	VIR	82.93	117	iPc	43	07.50	-0.2
MDZ	8.82	185	i(P)	33	00.70	-1.8	MNT	69.43	356	iPd	41	50.50	-0.8		0.5s		112.68nm			6.0mb
JACH	8.91	195	iPc	33	00.40	-3.2		1.3s		270.00nm			5.9mb	FHC	82.93	321	ePd	43	08.60	1.4
			i(S)	34	39.50					pP	42	06.50	58kmX	BFS	83.33	116	iPc	43	10.00	0.2
ROCH	9.29	197	iPd	33	03.70	-5.1X	OTT	69.49	354	eP	41	50.50	-1.2		0.7s		75.34nm			5.7mb
			iS	34	46.00			1.0s		76.00nm			5.5mb				i	43	44.20	135km
PEL	9.37	195	iPc	33	05.50	-4.2X	GLA	72.30	320	eP	42	09.00	0.0	SES	83.39	334	iPd	43	08.80	-0.5
			i	34	43.00					e	44	53.00			1.4s		391.00nm			6.1mb
FCH	9.46	192	eP	33	09.20	-2.0	GOL	72.45	330	P	42	09.50	-0.4	SEK	83.45	118	iPc	43	11.00	0.6
			iS	34	54.00		STJ	72.60	11	eP	42	08.50	-1.8		0.6s		80.00nm			5.7mb
PCH	9.79	193	iPc	33	11.50	-3.9X	BAR	73.15	318	eP	42	14.00	0.1				i	43	45.50	136km
			i(S)	35	00.00		PLM	73.73	319	eP	42	17.00	-0.4	CLX	83.48	330	iP-	43	10.40	0.4
TACH	9.92	195	iPc	33	12.20	-4.7X	SLBC	73.73	318	eP	42	18.30	1.1	LHD	83.71	330	iP-	43	11.60	0.6
LNV	10.32	197	iP	33	16.00	-6.2X	SYO	73.75	159	eP	42	18.20	1.4	LDM	83.74	330	iP-	43	11.50	0.4
RFA	10.68	163	ePc	33	23.60	-3.4X	TPC	73.77	320	eP	42	18.00	0.5	FFC	83.76	341	iPd	43	10.40	-0.6
			S	35	43.00		RVR	74.48	319	eP	42	22.00	0.5		1.3s		146.00nm			5.7mb
ITB1	12.31	95	Pd	33	47.40	-1.0	LHC	74.66	345	iPd	42	20.80	-1.4	RXF	83.96	331	iP-	43	12.70	0.4
ITB	12.48	96	Pd	33	50.00	-0.6		1.2s		381.00nm			6.0mb	YKM	84.22	331	iP-	43	14.00	0.4
ITB7	12.52	98	Pd	33	57.10	6.0X	SDW	74.73	320	P	42	23.50	0.4	NEW	84.43	329	eP	43	14.00	-0.5
VBA	14.82	161	ePc	34	16.60	-3.9X	MWC	75.05	319	eP	42	26.00	1.0	BPI	84.64	116	iPc	43	14.20	-2.2
VAO	19.21	91	iPc	35	08.90	-3.5X	GSC	75.05	320	eP	42	26.00	1.1		0.8s		138.81nm			5.9mb
			i	35	21.80	58kmX	PAS	75.06	319	eP	42	26.00	1.1				i	43	49.00	137km
BAO	20.48	69	iPd	35	21.90	-3.7X	SBB	75.23	319	eP	42	26.00	0.1	COR	85.01	324	iPd	43	13.00	-4.4X
ATB	25.60	39	iPd	36	10.50	-4.2X	RSSD	75.51	334	P	42	27.20	-0.3	SLR	85.03	116	iPc	43	18.20	-0.1
QUT	25.82	335	P	36	18.80	1.7		1.0s		145.00nm			5.7mb		1.0s		50.00nm			5.3mb
PSO	26.73	339	iP	36	25.50	-0.1	CLC	75.87	320	eP	42	30.00	0.5				i	43	48.60	117kmX
BOG	29.15	347	eP	36	45.50	-1.7				e	45	22.00		MAL	85.03	46	iPd	43	18.40	0.7
			eS	41	26.00		VPEM	76.09	320	P	42	31.50	0.7				eS	53	27.00	
SOB1	29.70	65	eP	36	46.90	-4.9X	ISA	76.28	320	eP	42	33.00	1.2	EVA	85.37	117	iPd	43	21.00	1.0
CHN	29.83	344	iP	36	52.00	-1.0				e	43	09.00	145km		1.0s		120.00nm			5.7mb
BMG	31.36	350	iP	37	01.80	-4.6X				e	45	06.00					i	43	55.50	135km
ITR	31.99	67	eP	37	06.70	-5.2X	WKTM	76.35	320	P	42	33.00	0.8	CRT	85.83	46	eP	43	21.50	-0.3
GUV	32.02	9	iPc	37	26.00	13.9X	SYP	76.42	318	eP	42	33.00	0.3	PNT	86.34	329	iPd	43	24.60	0.6
	0.3s		18.80nm				BLP	76.70	318	P	42	34.50	0.5		1.1s		87.00nm			5.6mb
SDV	32.86	355	eP	37	15.90	-3.7X	EUR	77.54	324	iP	42	39.80	0.9	EDM	86.48	335	iPd	43	23.40	-1.2
TOV	33.70	357	eP	37	23.70	-2.9X		0.5s		37.24nm			5.4mb		1.2s		423.00nm			6.2mb
CUM	34.51	6	iPd	37	31.50	-2.0	PRI	77.91	319	iPd	42	41.80	1.0	TOL	87.07	44	eP	43	29.00	1.3
UPA	34.76	340	iPd	37	35.20	-0.4				ePcP	42	50.80	99kmX		1.2s		1.00nm			3.6mb X
	1.5s	477	78nm			6.0mb				e	43	07.50					e	44	05.00	141km
BIM	38.92	11	eP	38	07.00	-3.6X	FRI	77.92	320	ePd	42	40.20	-0.4				eS	53	53.00	
MVM	38.99	11	eP	38	08.10	-3.0X				e	43	07.40	105kmX	FRB	87.52	360	ePd	43	28.20	-1.0
FDF	39.12	10	eP	38	08.78	-3.4X	RSON	78.01	344	P	42	40.00	-0.9		1.2s		120.00nm			5.8mb
CRM	39.18	11	eP	38	08.60	-4.1X	MNA	78.01	322	iPd	42	42.30	0.9	BUL	87.61	111	iPc	43	31.60	0.6
SJG	41.96	2	iPd	38	31.00	-4.4X				ePcP	42	52.00			0.8s		55.22nm			5.6mb
COM	46.55	327	iPd	39	12.00	-0.4				e	43	05.50					ipP	44	07.30	140km
OXX	49.65	323	ePc	39	37.00	0.5				epP	43	20.60	155kmX				iS	54	04.30	
VHO	49.78	323	iPc	39	37.00	-0.4				e	43	25.80		BNG	88.53	85	iPc	43	35.50	0.2
PIO	49.90	321	iP	39	38.00	0.0				i	43	39.20			0.7s		43.00nm			5.6mb
ACX	51.28	319	ePc	39	48.70	0.1				ePP	45	39.90					i	43	56.90	78kmX
IIT	52.10	323	iPc	39	55.00	0.0	LLA	78.40	319	iPd	42	44.30	0.9	LSZ	89.26	106	iPd	43	40.90	2.1
III	52.24	321	iPc	39	56.00	0.0				epP	43	19.80	142km		0.9s		55.30nm			5.6mb
TPM	52.49	322	iPd	39	58.00	0.2	PRS	78.47	319	iPd	42	44.80	1.1				i	44	15.80	136km
IIP	52.70	322	ePc	40	00.20	0.7	SCH	78.56	1	ePd	42	42.70	-1.1	KRI	89.86	108	eP	43	42.00	0.4
IIM	52.83	322	eP	40	00.00	-0.4		0.7s		77.00nm			5.6mb				ipP	44	17.00	136km
UNM	52.84	322	eP	40	01.50	1.0	SAO	78.80	319	ePd	42	46.10	0.6	MTD	91.58	109	eP	43	51.00	1.5
TLX	52.99	323	eP	40	02.50	0.9	SLD	78.87	319	P	42	46.60	0.7				ipP	44	26.00	136km
CRX	53.18	322	ePd	40	03.60	0.6	BMN	78.89	324	P	42	45.80	-0.3	LFF	92.79	41	iPd	43	54.40	0.1
IIC	53.23	322	iPd	40	03.50	0.1		1.0s		43.75nm			5.2mb		0.8s		32.30nm			5.6mb
HBF	57.92	348	P	40	35.20	-1.2	JAS1	78.96	320	iPd	42	47.05	0.6	LPO	92.94	42	iPd	43	55.30	0.4
PRM	59.45	346	P	40	45.20	-1.8				iPcP	42	56.70	210kmX	MFF	93.15	40	iPd	43	55.70	-0.2
LHS	59.51	348	P	40	45.90	-1.4				i	43	37.70			0.9s		34.00nm			5.6mb
HKT	60.04	332	iP	40	50.00	-1.0				e	43	46.70		LPF	93.40	38	iPd	43	56.20	-0.8
MZX	60.07	319	ePd	40	51.50	0.1				ePP	45	47.80			1.1s		19.80nm			5.3mb
ATX	61.25	330	iP	40	57.00	-2.3	ARN	79.24	319	P	42	48.80	0.9	RJF	93.46	41	eP	43	57.20	-0.1
TKL	61.28	345	P	40	57.00	-2.4	MHC	79.30	319	ePd	42	49.30	0.9		1.4s		39.90nm			5.5mb
PPST	61.29	334	iP	41	00.00	0.4				epP	43	25.50	145km	CAF	93.60	42	iPd	43	57.90	-0.1
NSLW	61.45	334	iP	41	00.00	-0.5	GCC	79.30	319	ePd	42	49.20	1.0		0.9s		13.10nm			5.2mb
BIA	62.09	349	iPd	41	03.70	-1.1	TIO	79.75	50	iP	42	50.80	-0.1	GDH	93.63	5	iPc	43	57.20	-0.4
	1.5s	694	44nm			6.4mb	PCC	79.84	319	iPd	42	51.90	0.8		1.1s		37.97nm			5.6mb
JCT	62.28	329	iPd	41	05.10	-1.1	BKS	80.00	319	iPd	42	52.90	0.9	GRR	93.70	38	iPd	43	57.50	-0.8
	0.8s	197	.76nm			6.1mb		1.4s		192.00nm			5.7mb		1.0s		19.20nm			5.3mb
			ipP	41	41.00	151kmX	BRK	80.02	319	ePd	42	52.80	0.8	YKC	93.86	340	ePd	43	58.80	0.0
LTX	63.27	325	P	41	11.90	-0.9	ZSP	80.06	319	ePd	42	53.30	1.1	YKA	93.91	340	eP	43	59.40	0.4
BHO	63.53	335	iPd	41	13.10	-1.2	LRM	80.47	330	ePd	42	52.20	-2.4	LSF	93.95	41	iPd	43	59.40	-0.2
ELC	64.25	341	P	41	16.40	-2.5	GRM	80.66	122	iPc	42	55.00	-0.8		1.0s		16.60nm			5.3mb
RLO	65.17	336	iPd	41	23.50	-1.4		0.8s		67.16nm			5.4mb	FLN	94.11	38	eP	43	59.80	-0.4
TUL	65.23	335	iPd	41	23.80	-1.5				i	43	29.50	137km		1.1s		16.60nm			5.2mb
	1.2s	427	.00nm			6.3mb	ORV	80.68	321	iPd	42	56.40	0.9	LDF	94.22	38	eP	44	00.20	-0.5
Z	23s		0.17um			4.2MszX				iPcP	43	03.40			0.9s		4.50nm			4.8mb

KRP 94.32 225 eP 44 04.00 2.4
TCF 94.38 41 iPd 44 01.10 -0.5
1.1s 17.40nm 5.3mb
MZF 94.56 41 iPd 44 02.20 -0.2
1.0s 12.90nm 5.2mb
BCF 94.89 41 iPd 44 03.70 -0.2
0.9s 22.70nm 5.5mb
AVF 95.31 41 eP 44 05.40 -0.4
1.2s 13.00nm 5.2mb
SMF 95.53 41 iPd 44 06.90 0.0
1.0s 26.00nm 5.6mb
SSF 95.54 41 iPd 44 06.20 -0.7
1.1s 18.00nm 5.4mb
LRG 95.57 45 iPd 44 07.80 0.7
1.1s 73.20nm 6.0mb
FRF 95.81 45 eP 44 08.60 0.4
1.3s 47.00nm 5.8mb
LOR 95.85 41 eP 44 07.60 -0.7
1.0s 14.80nm 5.4mb
EKA 96.30 31 Pd 44 09.70 -0.4
1.1s 22.90nm 5.5mb
EMS 97.15 43 eP 44 14.90 0.5
DIX 97.45 43 eP 44 16.70 0.9
HAU 97.68 41 eP 44 16.20 -0.3
MMK 97.78 43 eP 44 18.20 0.9
BSF 97.87 41 eP 44 17.20 -0.3
0.7s 5.20nm 5.2mb
WLF 98.33 39 Pd 44 20.40 1.1
CDF 98.42 41 eP 44 19.50 -0.4
1.0s 8.00nm 5.2mb
ZUL 98.68 42 eP 44 21.80 0.8
LLS 98.78 43 eP 44 22.50 0.8
VDL 98.91 43 eP 44 23.00 0.7
SAX 99.16 42 eP 44 24.00 0.4
SAL 99.20 44 eP 44 24.50 1.1
MNS 99.28 48 eP 44 25.00 1.1
OSS 99.41 43 eP 44 25.20 0.6
CTI 100.10 44 iPdiff44 28.00 0.2
GRB1 101.45 41 ePdiff44 34.30 0.7
0.8s 13.00nm 5.7mb
KBA 101.58 44 ePdiff44 33.00 -1.4
1.4s 18.80nm 5.6mb
i 44 34.80
INK 103.65 340 ePdiff44 43.00 0.2
MBC 104.92 349 ePdiff44 48.00 -0.3
NB2 105.67 30 PKP 49 12.80 8.3X
1.3s 14.50nm
ASPA 128.05 206 ePKP 49 48.00 -0.4
0.5s 19.00nm
WB2 131.18 208 ePKP 49 41.00 -13.4X
i 49 54.90
e 50 35.00
WRA 131.19 208 PKPd 49 54.60 0.2
0.5s 10.80nm
MHI 133.41 62 ePKP 49 59.00 0.7
e 50 36.00
QUE 139.54 71 ePKP 50 03.00 -7.1X
POO 144.00 91 iPKP 50 16.50 -1.5
GBA 145.65 101 PKPd 50 21.60 0.8
0.8s 88.30nm
KSH 145.91 55 iPKPc 50 23.00 2.2
GUA 147.32 257 ePKP 50 25.30 1.8
1.0s 176.00nm
GUMO 147.38 257 ePKP 50 26.50 2.9X
HYB 147.97 95 ePKP 50 25.00 0.5
1.0s 75.00nm
TRT 148.42 181 ePKPd 50 29.10 3.8X
0.6s 33.00nm
NDI 148.46 74 ePKP 50 26.00 1.0
0.7s 23.97nm
WMO 151.91 39 PKP 50 30.50 0.7
PPI 153.10 153 ePKP 50 20.00 -12.2X
MAT 154.36 305 (PKP) 50 42.00 8.6X
1.0s 25.00nm
DMN 155.45 76 PKP 50 36.50 1.1
KKN 155.60 76 PKP 50 36.20 0.6
1.0s 30.00nm
PKI 155.72 76 PKP 50 36.60 0.7
1.3s 25.00nm
GTA 161.50 31 PKPd 50 43.20 1.4
e 51 27.50
BTO 163.42 6 ePKP 50 45.20 1.5
BJI 163.71 349 ePKP 50 45.00 1.2
e 51 35.50
PP 55 20.00
LZH 166.05 29 ePKP 50 48.00 1.8
TIY 166.40 359 ePKP 50 48.50 2.2

PP 55 34.50
CHG 166.67 111 ePKP 50 48.00 1.0
TIA 167.15 342 PKPd 50 47.80 1.0
sPKP 51 26.20
e 51 51.60
ePP 55 32.90
SSE 169.34 313 ePKP 50 49.00 0.7
e 52 02.40
XAN 169.68 15 PKP 50 49.40 0.8
CD2 169.93 46 ePKP 50 49.40 0.6
e 52 05.40
PP 55 51.00
KMI 171.40 81 PKP 50 51.00 1.1
S.D. = 1.1 on 201 of 232 obs.

FEB 14, 1985 09h 11m 05.58± 0.22s
58.922 S ± 6.4km 25.422 W ± 5.9km
DEPTH = 33.0km (normal)
5.2mb (2 obs.) 4.5Msz (1 obs.)
SOUTH SANDWICH ISLANDS REGION (153)

SPA 31.25 180 iPd 17 24.30 0.2
0.8s 30.83nm 5.2mb
e 20 17.00
VBA 31.38 295 ePc 17 25.20 0.0
VAO 39.03 327 e(P) 18 31.00 0.2
PCH 39.04 290 iPc 18 31.20 0.5
LNV 39.20 289 iP 18 31.00 -0.9
TACH 39.22 290 iP 18 32.00 -0.1
PEL 39.51 290 iPc 18 34.80 0.2
SOB1 50.98 340 eP 20 05.70 -0.3
ITR 51.02 343 iPc 20 06.40 0.1
e 20 09.20
e 20 19.90
e 21 22.50
BUL 54.63 69 iPc 20 33.00 -0.3
KRI 57.95 68 eP 20 56.00 -1.0
LSZ 58.61 66 iP 21 02.30 0.6
0.7s 12.40nm 5.1mb
i 21 14.00
MTD 58.94 70 eP 21 04.00 0.1
KIC 67.15 22 iP 21 59.30 1.3
TCW 78.89 195 P 23 06.50 -0.1
(pP) 23 13.60 23kmX
KRP 81.94 197 P 23 22.70 -0.1
WAM 85.12 175 eP 23 39.50 0.4
CAN 86.00 175 eP 23 43.80 0.3
YOU 87.01 175 eP 23 48.60 0.1
NB2 122.97 20 PKP 29 58.20 -0.2
0.8s 4.30nm
DMN 123.75 92 ePKP 30 01.20 -0.1
0.8s 13.00nm
PKI 123.87 92 ePKP 30 01.40 -0.3
0.6s 10.00nm
KKN 123.98 92 ePKP 30 01.40 -0.3
0.6s 16.00nm
NUR 125.32 28 iPKP 30 03.00 0.1
Z 21s 0.10um 4.5Msz
LR 31 10.00
FRB 126.68 338 ePKP 30 05.00 -0.5
SUF 127.60 27 iPKP 30 07.10 -0.2
0.7s 6.70nm
KJF 129.24 27 iPKP 30 10.20 -0.1
0.8s 14.70nm
SOD 131.67 24 iPKP 30 14.20 -0.7
EDM 132.21 306 ePKPd 30 15.80 -0.6
YKC 138.86 315 ePKP 30 28.50 -0.1
0.6s 19.00nm
YKA 138.92 315 ePKP 30 28.50 -0.2
ALE 142.46 353 ePKP 30 31.50 -3.1X
0.9s 10.00nm
MBC 146.99 334 ePKP 30 44.40 2.1
0.8s 27.00nm
INK 148.59 317 ePKP 30 49.00 4.0X
BJI 149.31 111 ePKP 30 51.50 4.5X
S.D. = 0.6 on 32 of 35 obs.

? FEB 14, 1985 09h 13m 21.90± 1.40s
16.289 N ±29.2km 92.202 W ±14.5km
DEPTH = 33.0km (normal)
3.8mb (1 obs.)
CHIAPAS, MEXICO (61)

COM 0.08 116 iP 13 27.50 -0.3
iS 13 35.50
VHO 4.44 283 eP 14 29.50 0.6
PIO 5.69 272 eP 14 47.50 1.2

TPM 7.07 293 eP 15 05.50 -0.4
III 7.24 288 eP 15 06.50 -1.9
ALQ 22.54 328 eP 18 21.50 0.9
1.0s 3.75nm 3.8mb
YKA 48.77 346 eP 22 07.80 2.5X
S.D. = 1.5 on 6 of 7 obs

FEB 14, 1985 09h 28m 53.57± 0.32s
6.762 N ± 3.1km 73.025 W ± 3.3km
DEPTH = 163.7 ± 3.2 km
5.3mb (28 obs.)
NORTHERN COLOMBIA (99)
Felt at Bogota and Bucaramanga.

BMG 0.31 351 iP 29 15.30 -2.1
FUQ 1.47 209 iP 29 25.00 0.4
BOG 2.36 206 iP 29 35.50 1.0
iS 30 05.50
UAV 2.62 45 iPn 29 38.00 0.6
0.3s 2008.20nm
CHN 3.14 235 iP 29 43.00 -0.9
SDV 3.17 48 iPd 29 44.30 -0.1
0.3s 815.00nm
LGN 3.78 27 iPnc 29 52.00 0.0
0.3s 1600.00nm
UPA 6.81 289 iPc 30 28.40 -3.8X
0.8s 131.34nm 5.3mb
i 30 30.00
iS 31 40.50
PSO 7.00 218 iP 30 34.50 -0.6
CAR 7.08 58 iPnd 30 34.00 -1.9
0.8s 280.60nm 5.7mb
QUT 8.75 218 eP 30 46.00 -12.2X
GUV 9.90 83 iPc 31 29.00 15.9X
0.8s 89.40nm
PCJ 11.64 340 eP 31 36.42 0.6
iS 33 28.52
HOJ 11.75 342 eP 31 39.54 2.3
GWJ 11.81 342 eP 31 39.44 1.2
eS 33 38.93
STH 11.84 342 eP 31 39.83 0.6
eS 33 33.91
BBJ 12.27 341 eP 31 44.66 0.6
SJG 13.12 30 iPc 31 51.30 -3.7X
SLW 13.90 58 eP 32 09.10 4.2X
BIM 14.04 56 eP 32 10.50 3.8X
FDF 14.09 55 eP 32 06.15 -1.2
CRM 14.30 55 eP 32 11.40 1.6
COM 20.94 298 eP 33 25.00 -0.1
ATB 23.04 115 Pd 33 47.30 1.9
ARE 23.12 176 eP 33 46.00 -0.5
LPB 23.65 168 Pc 33 52.00 0.2
i 34 24.00
S 41 25.00
eLR 46 28.00
CNCB 23.95 168 iP 33 55.50 0.8
OXX 25.32 296 ePc 34 09.10 1.9
VHO 25.39 296 iPc 34 09.00 1.2
PIO 26.36 293 eP 34 17.50 1.1
OSB 27.62 346 P 34 28.40 0.8
TLX 27.96 301 eP 34 32.40 1.2
ACX 28.08 293 ePd 34 32.80 0.8
TPM 28.09 298 iP 34 33.00 0.8
III 28.22 297 eP 34 34.30 0.8
TPZ 28.37 172 iP 34 36.00 1.1
LHS 28.50 346 P 34 35.60 0.0
IIC 28.56 299 eP 34 37.40 0.7
BLA 31.05 349 P 34 58.80 0.7
0.7s 48.85nm 5.3mb
HKT 31.50 320 iP 35 02.00 0.0
PRST 32.16 324 iP 35 08.00 0.2
ATX 33.06 318 iP 35 15.00 -0.6
OLY 33.25 332 P 35 16.80 -0.3
BAO 33.32 132 Pd 35 17.50 -0.6
BHO 34.09 327 iPc 35 23.90 -0.5
1.0s 171.00nm 5.7mb
JCT 34.47 317 iP 35 26.50 -1.2
1.0s 24.00nm 4.9mb
FVM 34.86 336 P 35 30.60 -0.3
RLO 35.53 329 iPc 35 35.80 -0.7
e 38 02.50
SOB1 35.73 116 e(P) 35 32.00 -6.5X
TUL 35.74 327 iPc 35 37.60 -0.7
0.9s 144.60nm 5.7mb
i 35 43.20
e 38 02.40
WVLY 35.90 353 P 35 40.90 1.3

14c 09h

LTX	36.57	312	P	35	45.60	0.1	TTA	80.83	333	eP	40	49.90	-0.3	MPA	1.45	159	eP	09	51.74	-0.9
RSNY	37.66	358	P	35	55.30	1.0	NB2	81.33	29	P	40	53.30	0.5	SCM	1.46	89	iP	09	52.48	-0.5
	0.8s	21.13nm			4.9mb			0.7s	6.50nm			4.5mb		RDT	1.60	218	eP	09	54.15	-0.7
ITR	37.78	114	aP	35	55.70	0.0	BRW	81.62	341	eP	40	54.60	0.5				eS	10	15.06	
			e	36	31.40		KBA	82.62	43	iP	41	00.00	0.0	SEW	1.80	164	eP	09	57.13	-0.5
OTT	38.55	357	eP	36	02.50	0.8	KHC	82.71	41	P	41	01.00	0.8	NNL	1.86	194	eP	09	58.86	0.5
	0.7s	49.00nm			5.3mb					e	41	42.00		ILM	2.03	216	eP	10	00.17	-0.8
MNT	38.60	359	iPc	36	02.90	0.8				e	42	06.00		VLZ	2.08	108	iP	09	59.86	-1.7
	0.9s	73.00nm			5.4mb		SDN	83.05	325	eP	41	01.90	0.2	BRLK	2.10	187	eP	10	00.24	-1.6
VAO	39.04	140	eP	36	05.80	-0.4	NUR	87.94	29	iP	41	25.90	0.2	KLU	2.17	97	iP	10	01.55	-1.4
			e	36	41.50		SUF	88.23	27	iP	41	27.60	0.5	HIN	2.39	126	iP	10	04.06	-1.9
HNME	39.49	6	P	36	10.90	1.4		0.5s	2.30nm			4.4mb		SVW	2.61	256	iPc	10	07.10	-1.9
ALO	41.62	317	eP	36	27.20	-0.2	KJF	88.61	25	iP	41	29.80	0.9	PDB	2.77	224	eP	10	10.06	-1.3
	1.0s	25.00nm			4.8mb			0.6s	14.30nm			5.1mb		TTA	2.83	295	iPc	10	10.20	-2.1
LHC	43.74	344	eP	36	43.50	-0.6	BNG	91.04	85	iPd	41	41.00	-0.2	SGAM	2.86	116	eP	10	10.09	-2.5
GOL	43.80	323	P	36	45.40	0.3		0.6s	25.00nm			5.5mb		FBA	3.29	20	eP	10	16.20	-2.5
GLA	46.74	310	eP	37	09.00	0.8				i	42	23.80		BALM	3.96	98	eP	10	25.31	-2.9
			e	37	53.00		ADK	93.07	323	eP	41	49.70	0.0	KDC	4.24	195	eP	10	31.30	-0.7
BAR	48.02	308	eP	37	18.00	-0.1	SPA	96.72	180	e(P)	42	05.00	-1.2	YAH	4.46	106	eP	10	32.85	-2.5
TPC	48.11	310	eP	37	18.00	-0.8	GTA	133.59	8	PKPc	47	53.00	0.3	IMA	4.48	343	eP	10	32.80	-2.8
SCH	48.18	5	ePc	37	18.70	-0.3	XAN	139.38	358	ePKP	47	57.00	-6.6X	INK	9.61	40	eP	11	42.00	-4.6
	0.7s	73.00nm			5.4mb		WHN	142.24	350	ePKP	48	10.60	1.9	YKA	16.60	72	eP	13	16.80	-1.8
BDW	48.19	324	P	37	19.00	-0.5	CD2	142.42	5	ePKP	48	05.80	-3.3X		37 obs. associated					
PLM	48.43	309	eP	37	22.00	0.6	GBA	144.37	55	PKPd	48	09.60	-3.1X							
			e	42	26.00			0.6s	22.90nm					? FEB 14, 1985 13h 45m 03.70±11.46s						
RVR	49.07	310	eP	37	26.00	-0.1	GYA	146.98	1	PKP	48	17.80	0.9	32.308 S ±75.9km 71.654 W ±57.4km						
GSC	49.17	312	eP	37	27.00	0.0	KMI	148.04	7	ePKP	48	18.50	-0.3	DEPTH = 33.0km (normal)						
MWC	49.68	310	eP	37	31.00	0.0	ASPA	149.16	234	iPKPc	48	24.10	3.7X	NEAR COAST OF CENTRAL CHILE (135)						
SBB	49.69	310	eP	37	30.00	-0.9		0.4s	67.00nm											
PAS	49.74	310	eP	37	33.00	1.8	WB2	150.38	241	ePKP	48	22.80	0.6	ROCH	0.86	141	iPd	45	18.70	-0.9
CLC	49.97	312	eP	37	33.00	-0.1				i	48	27.70					i(S)	45	29.70	
EUR	50.45	317	iP	37	37.20	0.3	WRA	150.39	241	PKPd	48	22.60	0.3	JACH	0.97	113	iPd	45	21.60	0.5
	0.5s	25.27nm			5.1mb			0.2s	3.60nm								iS	45	35.20	
ISA	50.56	311	eP	37	28.00	-9.5X	WBN	153.15	222	ePKP	48	34.00	7.9X	PEL	1.17	136	iPd	45	24.00	0.2
SYP	51.27	309	eP	37	43.00	0.0		0.4s	5.00nm								iS	45	39.00	
MNA	51.49	315	ePc	37	44.60	0.0	CHG	153.38	17	iPKPc	48	34.30	7.7X	TACH	1.47	156	eP	45	30.00	1.8
LRM	51.68	326	ePc	37	45.70	-0.4		0.7s	8.22nm								eS	45	47.50	
BMN	51.75	317	P	37	46.20	-0.4	LOE	155.43	12	ePKP	48	29.50	0.1	FCH	1.53	132	eP	45	29.70	0.3
	0.9s	37.11nm			5.1mb		PSI	167.64	41	ePKPc	48	42.50	0.6				i(S)	45	49.40	
FRI	52.01	312	eP	37	46.80	-1.5	S.D. = 0.9 on 126 of 140 obs.							PCH	1.62	144	iP	45	30.50	0.1
PRI	52.39	311	e(P)	37	51.40	0.1											iS	45	50.70	
LLA	52.77	311	eP	37	53.20	-0.8	? FEB 14, 1985 09h 44m 56.45± 8.45s							LNV	1.66	173	iP	45	30.50	-0.3
JAS1	52.90	313	iPc	37	54.30	-0.6	30.597 S ±79.6km 70.627 W ±57.0km										iS	45	50.30	
PRS	52.99	311	eP	37	55.00	-0.5	DEPTH = 181.2 ± 58.7 km							S.D. = 1.0 on 7 of 7 obs.						
FFC	53.17	339	iPc	37	55.80	-0.8	CHILE-ARGENTINA BORDER REGION (127)													
	0.7s	54.00nm			5.4mb									? FEB 14, 1985 14h 52m 28.69± 4.13s						
SAO	53.20	311	e(P)	37	56.30	-0.8	JACH	2.08	179	iPd	45	34.50	-0.4	32.404 S ±21.6km 71.754 W ±29.6km						
MHC	53.56	312	ePc	38	00.10	0.2				iS	45	56.60		DEPTH = 33.0km (normal)						
GCC	53.71	311	e(P)	38	00.80	0.0	ROCH	2.39	188	iPd	45	39.10	0.5	NEAR COAST OF CENTRAL CHILE (135)						
PCC	54.17	312	eP	38	04.00	-0.2				i(S)	46	04.00								
BKS	54.20	312	ePc	38	04.50	0.0	FCH	2.74	174	iP	45	43.00	0.2	ROCH	0.84	132	iPc	52	44.00	-0.4
	0.8s	67.00nm			5.5mb					iS	46	11.00					iS	52	55.50	
			e	38	09.20		PCH	3.02	178	iP	45	45.90	0.0	JACH	1.02	106	iP	52	46.50	-0.3
BRK	54.22	312	ePc	38	04.50	0.0				iS	46	16.50					iS	52	57.40	
ORV	54.32	315	ePc	38	05.20	-0.1	TACH	3.06	185	iP	45	46.30	-0.1	PEL	1.16	130	iPc	52	48.80	0.0
CLX	54.56	327	iPc	38	06.00	-1.2	LNV	3.41	191	iP	45	50.50	-0.2				iS	53	05.10	
MIN	54.72	315	iPc	38	07.00	-1.3				iS	46	25.00		TACH	1.42	151	eP	52	52.20	-0.3
LDM	54.81	327	iPc	38	08.00	-0.7	TCA	5.24	100	ePc	46	14.30	0.0				iS	53	11.50	
LHD	54.83	326	iPc	38	08.40	-0.5				S	47	04.30		FCH	1.54	127	iPc	52	54.70	0.3
RXF	54.94	327	iPc	38	09.20	-0.5	S.D. = 0.4 on 7 of 7 obs.										iS	53	16.00	
YKM	55.25	327	iPc	38	12.00	0.0								LNV	1.57	170	iP	52	54.60	0.0
WDC	55.47	315	iPc	38	10.70	-2.8	& FEB 14, 1985 13h 09m 28.49s										iS	53	13.50	
NEW	55.69	326	iPc	38	13.70	-1.4	61.840 N 150.412 W							PCH	1.60	140	iP	52	55.60	0.5
FHC	56.56	315	iPc	38	21.60	0.2	DEPTH = 54.7km										i(S)	53	16.60	
EDM	56.72	332	iPc	38	20.50	-1.8	SOUTHERN ALASKA (2)							TCA	6.18	82	ePc	54	00.30	0.1
FRB	56.97	2	ePc	38	21.90	-1.8	<AGS-P>. Felt (II) at Anchorage,										(S)	55	17.40	
	0.5s	23.00nm			5.3mb		Big Lake and Willow.							S.D. = 0.4 on 8 of 8 obs.						
PNT	57.65	326	ePc	38	28.50	-0.3														
	0.9s	75.00nm			5.6mb		PWA	0.32	127	iPd	09	38.20	-0.1	? FEB 14, 1985 16h 48m 39.68± 3.68s						
YKC	63.36	340	iPc	39	05.60	-1.2	SUA	0.41	203	iP	09	39.38	0.1	22.785 S ±26.6km 179.950 E ±35.0km						
	0.7s	53.00nm			5.6mb					eS	09	47.57		DEPTH = 564.5 ± 29.3 km						
YKA	63.35	340	eP	39	06.30	-0.8	SKT	0.55	285	iP	09	39.88	-0.8	4.8mb (3 obs.)						
PKC	67 78	86	iP	39	34.90	-1.4				eS	09	49.20		SOUTH OF FIJI ISLANDS (171)						
			e	40	15.30		PMR	0.66	112	iPc	09	41.50	-0.5							
INK	73.10	340	iPc	40	07.10	-0.1				iS	09	51.90		NOU	12.48	270	iPc	51	23.10	-0.3
	0.6s	39.00nm			5.3mb		MSE	0.69	90	iP	09	42.17	-0.3	CRZ	13.24	207	eP	51	32.00	1.1
MBC	73.88	350	iPc	40	11.70	0.1	PME	0.69	107	iP	09	42.00	-0.4	GNZ	15.89	186	eP	51	56.00	-1.0
	0.7s	97.00nm			5.6mb		GHO	0.71	95	iP	09	42.59	-0.2				eS	54	40.00	
DAG	75.67	11	iPd	40	21.00	-0.9	PMS	0.72	145	iPd	09	42.30	-0.6	CAN	29.67	238	iPd	54	02.70	0.7
	0.6s	28.00nm			5.2mb		SML	0.99	91	iP	09	45.73	-0.7	YOU	29.89	240	eP	54	04.40	0.5
ALE	75.85	1	ePc	40	22.40	-0.4	KNK	1.03	114	iP	09	46.59	-0.3	WAM	30.02	237	iPd	54	00.20	-4.7X
	0.7s	23.00nm			5.0mb		SPU	1.03	231	iP	09	46.35	-0.6	CTAO	31.44	268	eP	54	18.00	0.9
FBA	77.46	335	eP	40	31.70	-0.3	NKA	1.17	200	eP	09	50.06	1.2	PMG	34.10	288	eP	54	39.00	-0.4
	0.8s	12.00nm			4.7mb		PTE	1.19	145	iP	09	48.34	-0.7		0.9s	36.97nm			5.0mb	
PMR	77.48	332	iPc	40	32.20	0.1	SLKM	1.34	176	eP	09	50.21	-1.0	ASPA	42.18	259	eP	55	45.00	-0.1
	0.8s	41.10nm			5.2mb		PWL	1.40	134	iP	09	51.22	-0.9	WB2	42.43	265	eP	55	46.20	-0.9
IMA	80.06	336	ePc	40	46.50	0.3	CFI	1.43	116	iP	09	51.72	-0.7	WRA	42.44	265	Pd	55	47.70	0.5

0.5s 9.40nm 4.6mb
WBN 48.42 255 eP 56 32.00 -1.0
0.4s 11.00nm 4.7mb
MBL 55.43 259 eP 57 23.00 -0.6
MEK 55.46 253 eP 57 23.00 -0.7
CHG 89.24 291 eP 00 38.50 1.3
NB2 140.98 351 PKP 06 59.40 -7.5X
0.7s 1.50nm
CLL 149.78 344 iPKPd 07 25.90 4.4X
1.0s 21.00nm
BRG 149.91 342 iPKP 07 26.80 5.0X
1.0s 18.00nm
i 07 34.70
PRU 150.53 341 PKP 07 28.50 5.8X
MOX 150.73 345 e(PKP) 07 28.00 4.9X
KHC 151.58 341 ePKP 07 30.00 5.6X
e 07 42.40
S.D. = 0.9 on 14 of 21 obs.

* FEB 14, 1985 17h 02m 04.73± 0.89s
66.169 N ± 9.4km 149.952 W ± 6.0km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.8 (PMR).

IMA 1.52 268 iPc 02 31.90 -0.2
RDS 1.54 150 eP 02 32.50 0.2
FBA 1.56 144 eP 02 32.50 0.0
GLM 1.59 137 eP 02 33.00 -0.1
NEA 1.64 167 eP 02 34.10 0.4
WRH 1.88 155 eP 02 37.40 0.3
FYU 1.94 76 eP 02 39.80 1.7
HDA 2.17 143 eP 02 41.10 -0.3
TTA 4.17 222 eP 03 09.00 -0.9
PME 4.58 174 eP 03 17.80 2.3X
DWY 4.93 111 P 03 19.50 -1.0
SVW 5.67 209 eP 03 32.20 1.1
BRW 5.72 337 eP 03 28.80 -2.8X
INK 6.73 64 eP 03 42.00 -3.8X
MBC 13.86 31 eP 05 15.00 -8.1X
YKA 15.60 87 eP 05 44.80 -1.1
S.D. = 0.9 on 12 of 16 obs.

* FEB 14, 1985 17h 07m 12.01± 1.13s
66.160 N ±11.1km 150.007 W ± 7.0km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 4.1 (PMR).

IMA 1.50 268 iPc 07 38.80 -0.3
RDS 1.55 149 eP 07 39.20 -0.5
FBA 1.57 143 eP 07 39.30 -0.6
GLM 1.60 136 eP 07 39.80 -0.7
NEA 1.64 166 eP 07 40.70 -0.2
WRH 1.88 154 eP 07 44.60 0.2
FYU 1.97 76 eP 07 47.10 1.4
HDA 2.18 143 eP 07 48.00 -0.8
TTA 4.15 221 eP 08 15.20 -1.7
PME 4.57 174 eP 08 24.00 1.3
PMS 4.94 177 eP 08 30.00 2.0
DWY 4.94 110 P 08 27.00 -1.0
SVW 5.65 209 eP 08 39.00 0.9
BRW 5.72 338 eP 08 34.80 -4.1X
INK 6.75 64 eP 08 50.00 -3.5X
S.D. = 1.2 on 13 of 15 obs.

* FEB 14, 1985 17h 40m 50.86± 1.00s
66.192 N ±11.3km 150.082 W ± 9.1km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 4.4 (PMR).

IMA 1.47 267 iP 41 18.00 0.5
RDS 1.59 149 eP 41 07.60 -11.5X
COL 1.61 143 eP 41 21.00 1.6X
FBA 1.61 143 iP 41 18.50 -0.9
GLM 1.65 136 eP 41 08.20 -11.8X
NEA 1.68 165 eP 41 09.80 -10.6X
WRH 1.92 153 eP 41 13.60 -10.3X
FYU 1.99 77 eP 41 20.40 -4.5X
PAX 3.80 146 eP 41 49.60 -1.1
TTA 4.16 221 ePc 41 54.70 -1.1
PME 4.61 174 eP 42 02.60 0.5
PMS 4.97 177 eP 42 08.50 1.2
DWY 4.98 111 P 42 04.00 -3.4X
S 48 52.00
e 50 26.00

BRW 5.67 338 eP 42 13.60 -3.6X
INK 6.76 64 eP 42 29.00 -3.5X
KDC 8.55 189 eP 42 59.60 2.1X
MBC 13.87 31 eP 44 04.00 -5.3X
YKA 15.65 87 eP 44 27.70 -5.0X
YKC 15.72 87 eP 44 28.00 -5.5X
EDM 22.20 108 eP 45 49.50 1.0
FFC 25.62 93 eP 46 23.00 1.5
FRB 32.32 55 eP 47 20.00 -1.5
S.D. = 1.3 on 9 of 22 obs.

? FEB 14, 1985 18h 35m 32.29± 5.09s
35.067 S ±36.8km 70.320 W ±22.5km
DEPTH = 178.3 ± 37.4 km
CHILE-ARGENTINA BORDER REGION (127)

LNV 1.43 321 iPc 36 03.70 0.0
PCH 1.45 354 iPc 36 04.00 -0.1
iS 36 24.00
TACH 1.50 340 iPc 36 04.20 -0.2
iS 36 25.00
RFA 1.55 80 ePd 36 05.10 0.1
S 36 26.00
FCH 1.73 1 iPd 36 07.20 0.0
iS 36 31.40
PEL 1.94 351 iPd 36 09.00 0.0
iS 36 33.50
ROCH 2.17 344 iPc 36 12.00 0.3
iS 36 37.00
TCA 6.07 54 iPc 37 01.00 -0.1
S.D. = 0.2 on 8 of 8 obs

? FEB 14, 1985 19h 22m 28.67± 2.23s
66.298 N ±27.3km 149.857 W ±10.6km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.4 (PMR).

IMA 1.57 263 eP 22 57.20 0.5
COL 1.64 148 eP 22 56.80 -0.9
FBA 1.64 148 eP 22 59.50 1.8
TTA 4.30 221 eP 23 34.80 -0.8
PME 4.70 175 eP 23 44.00 2.7X
DWY 4.94 112 P 23 44.00 -0.6
S.D. = 1.6 on 5 of 6 obs.

? FEB 14, 1985 20h 13m 41.71± 1.95s
42.346 N ±26.3km 7.738 E ± 7.7km
DEPTH = 10.0km (geophysicist)
WESTERN MEDITERRANEAN SEA (387)
ML 3.3 (LDG).

CVF 0.87 75 Pg 13 58.40 0.0
Sg 14 07.40
LMR 1.34 318 Pn 14 06.40 0.0
Sn 14 20.80
FRF 1.45 327 Pn 14 07.60 -0.4
Sn 14 23.20
LRG 1.50 318 Pn 14 09.20 0.6
Sn 14 25.70
CAF 4.86 304 Pn 14 56.40 -0.2
LPO 5.31 298 Pn 15 03.00 0.1
LFF 5.70 299 Pn 15 08.40 -0.1
S.D. = 0.4 on 7 of 7 obs.

? FEB 14, 1985 21h 53m 59.98± 3.27s
66.180 N ±34.8km 150.106 W ±17.1km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.4 (PMR).

IMA 1.46 267 iPc 54 27.00 0.5
COL 1.61 142 eP 54 26.90 -1.5
FBA 1.61 142 iPd 54 29.10 0.7
TTA 4.14 221 eP 55 03.30 -1.4
PME 4.60 174 eP 55 12.80 1.7
S.D. = 2.0 on 5 of 5 obs.

* FEB 14, 1985 21h 59m 04.67± 1.51s
36.551 N ±10.8km 141.367 E ±19.8km
DEPTH = 80.3 ± 10.4 km
4.6mb (4 obs)
NEAR EAST COAST OF HONSHU, JAPAN(228)

ONA 0.54 317 P 59 20.90 2.0
eS 59 32.00
MIT 0.74 257 eP 59 19.00 -2.0

14d 16h

iS 59 35.30
TSK 1.07 252 iPc 59 23.50 -1.3
KYS 1.67 217 eP 59 33.50 0.8
DDR 1.84 253 eP 59 34.00 -1.0
SRY 1.94 242 eP 59 36.50 0.2
OYM 2.06 237 eP 59 38.60 0.6
MAT 2.54 271 iPc 59 45.40 0.8
eS 00 21.00
BJI 20.06 288 eP 03 38 00 4.3X
KKN 47.70 276 P 07 37.80 2.4X
0.7s 7.00nm 4.7mb
WB2 56.58 188 eP 08 41.30 0.0
WRA 56.58 188 Pc 08 41.50 0.2
0.2s 3.20nm 5.0mb
GBA 61.14 266 Pd 09 14.70 1.6
0.7s 3.30nm 4.6mb
KJF 66.94 334 eP 09 50.00 -0.2
SUF 68.40 333 eP 09 59.00 -0.3
NB2 74.62 337 P 10 36.20 -0.3
0.8s 3.20nm 4.3mb
FRB 77.25 13 eP 10 50.00 -1.1
LPB 147.16 60 PKPc 18 41.00 2.4X
CNCB 147.43 61 PKP 18 43.00 3.8X
S.D. = 1.2 on 15 of 19 obs.

FEB 14, 1985 22h 02m 44.70± 0.67s
63.526 N ± 4.1km 145.364 W ± 6.7km
DEPTH = 5.0km (geophysicist)
CENTRAL ALASKA (1)
ML 3.4 (PMR). Felt (II) at Pump Station Ten, Alyeska Pipeline.

BLR 0.22 264 eP 02 40.80 -0.4
PAX 0.56 185 eP 02 55.10 -0.8
HDA 1.13 322 eP 03 06.80 0.5
GKC 1.31 301 eP 03 09.80 0.3
WRH 1.53 310 eP 03 12.30 -0.4
MCK 1.61 279 eP 03 13.90 0.1
GLM 1.71 330 eP 03 15.00 -0.4
FBA 1.74 323 iPd 03 15.00 -0.8
i 03 16.50
SCM 1.93 209 eP 03 18.60 0.1
PMR 2.61 224 eP 03 28.40 0.2
PWA 2.81 230 iPd 03 32.20 1.1
PMS 3.01 222 eP 03 35.50 1.6X
TTA 4.86 268 ePd 04 02 30 2.1X
SVW 5.36 248 eP 04 08.80 1.5X
INK 6.81 40 eP 04 28.00 0.4
S.D. = 0.6 on 12 of 15 obs

* FEB 14, 1985 23h 07m 01.79± 1.33s
66.142 N ±16.1km 150.026 W ±11.0km
DEPTH = 10.0km (geophysicist)
4.1mb (1 obs.)
ALASKA (676)
ML 4.3 (PMR).

IMA 1.49 269 iPc 07 28.40 -0.3
COL 1.56 142 iP 07 28.50 -1.0
PME 4.55 174 eP 08 12.00 -0.3
PMS 4.92 177 eP 08 18.40 0.8
DWY 4.94 110 P 08 13.00 -4.8X
S 13 03.40
SVW 5.63 209 eP 08 25.20 -2.4X
BRW 5.73 338 eP 08 23.90 -5.0X
INK 6.76 64 eP 08 38.00 -5.4X
MBC 13.90 31 eP 10 16.00 -4.7X
YKA 15.63 87 eP 10 37.70 -5.7X
YKC 15.69 87 eP 10 37.00 -7.2X
EDM 22.17 108 eP 11 58.50 -6.6X
PNT 23.03 122 eP 12 10.00 2.4X
ALQ 40.27 119 eP 14 41.80 1.4
1.0s 4.50nm 4.1mb
S.D. = 1.2 on 6 of 14 obs

? FEB 14, 1985 23h 10m 33.49± 1.07s
66.338 N ±13.2km 149.896 W ±14.7km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.9 (PMR).

IMA 1.56 262 eP 11 01.40 0.0
COL 1.69 148 eP 11 04.00 0.9
FBA 1.69 148 eP 11 02.30 -0.8
PME 4.74 175 eP 11 48.50 1.8X
BRW 5.57 337 eP 11 58.30 0.0
S.D. = 1.2 on 4 of 5 obs

14d 23h

& FEB 14, 1985 23h 22m 22.30s
33.700 N 118.150 W
DEPTH = 3.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.3 (PAS).

CIS	0.36	216	iPd	22 29.60	0.1
MWC	0.53	8	iPd	22 32.70	-0.2
SLBC	1.01	133	eP	22 41.20	-0.9
			eS	23 09.40	
SDW	1.27	44	eP	22 45.30	-1.3
CBX	1.86	137	iPc	22 54.47	-0.9
			S	23 20.47	
BLP	2.05	295	eP	22 56.70	-1.4
WKTM	2.10	354	eP	22 57.70	-1.2
ENX	2.20	145	iPc	23 03.35	3.1
			S	23 33.35	
VPEM	2.26	7	eP	22 59.50	-1.8
PHAM	2.82	320	e(P)	23 04.30	-4.9
GLA	2.85	102	e(P)	23 10.00	0.3
11 obs. associated					

• FEB 14, 1985 23h 32m 58.21± 0.96s
6.682 S ± 9.1km 154.839 E ± 9.2km
DEPTH = 50.9 ± 10.0 km
5.0mb (6 obs.)
SOLOMON ISLANDS (193)
Felt (III) at Ponguno.

BGA	0.63	33	iPd	33 12.00	0.7
PAA	0.75	60	iPd	33 11.50	-1.3
			eS	33 20.00	
RAB	3.63	313	eP	34 06.00	12.7X
VSG	5.43	118	eP	34 23.00	3.8X
SVO	5.51	117	eP	34 21.00	1.3
			eS	34 34.00	
HNR	5.75	119	eP	34 23.00	-0.2
WB2	23.86	234	eP	38 07.70	-0.3
WRA	23.87	235	Pd	38 07.20	-0.9
	1.0s		i1.40nm	4.3mb	
LOE	57.66	295	eP	42 45.50	-0.6
XAN	59.37	316	eP	42 57.20	-0.7
KMI	59.71	334	Pc	43 01.00	0.4
CHG	60.62	296	eP	43 08.00	1.4
CD2	61.49	310	eP	43 13.40	1.0
GTA	68.41	317	P	43 58.00	0.9
PKI	75.13	301	iP	44 38.20	0.5
	0.8s		20.00nm	5.1mb	
KKN	75.30	301	iP	44 39.00	0.5
	0.8s		43.00nm	5.4mb	
DMN	75.40	301	iP	44 40.00	0.9
	0.9s		70 00nm	5.6mb	
GBA	79.42	285	Pc	44 59.70	-1.5
	0.7s		5.70nm	4.6mb	
NDI	82.42	300	eP	45 16.00	-0.8
COL	82.88	21	eP	45 17.00	-1.4
	0.7s		7 88nm	4 8mb	
INK	89.48	21	eP	45 50.00	-0.8
YKA	96.13	28	eP	46 21.70	0.2
YKC	96.19	28	eP	46 22.00	0.3
BAO	148.33	135	PKPd	52 38.50	0.5
S.D. = 1.0 on 22 of 24 obs.					

• FEB 15, 1985 00h 01m 27.54± 2.75s
29.869 S ±17.3km 71.495 W ±18.4km
DEPTH = 176.9 ± 32.8 km
NEAR COAST OF CENTRAL CHILE (135)
Felt (II) at La Sereno.

RTCB	2.83	125	ePd	02 14.00	-0.5
			S	02 47.00	
JACH	2.91	165	iPc	02 14.70	-0.6
			iS	02 49.00	
ZON	2.95	125	eP	02 17.00	1.1
RTLL	2.99	120	ePd	02 16.00	-0.4
			S	02 51.60	
VCA	3.09	59	ePc	02 18.40	0.6
			S	02 55.20	
ROCH	3.12	173	eP	02 17.50	-0.8
RTCV	3.23	129	ePd	02 19.50	0.1
			S	03 00.00	
CFA	3.29	123	e(P)	02 20.00	-0.2
PEL	3.34	168	iP	02 20.50	-0.3
			iS	02 57.00	
			i	03 01.00	
BACH	3.58	166	iPd	02 24.40	0.6
			i(S)	03 05.90	
FCH	3.60	164	eP	02 25.20	0.8
MDZ	3.76	144	e(P)	02 30.30	4.1X
TACH	3.80	173	iPc	02 26.60	0.0
			i(S)	03 09.60	
PCH	3.83	168	iP	02 27.50	0.4
LNV	4.08	179	iPc	02 29.20	-0.9
CHCH	4.12	170	iP	02 31.20	0.5
RFA	5.52	153	eP	02 50.00	1.0
TCA	6.13	106	iPc	02 55.90	-1.2
			S	04 00.20	
S.D. = 0.8 on 17 of 18 obs.					

• FEB 15, 1985 00h 32m 36.77± 1.88s
13.242 N ±24.2km 91.488 W ± 9.4km
DEPTH = 33.0km (normal)
5.0mb (6 obs.)
NEAR COAST OF GUATEMALA (71)

COM	3.06	348	iP	33 25.00	0.9
			iS	33 53.00	
PIO	7.14	297	iP	34 19.50	-2.2
III	9.22	305	iP	34 50.50	-0.3
			iS	36 24.00	
TPM	9.25	309	iP	34 50.50	-0.6
			iS	36 25.00	
LTX	19.60	327	eP	37 05.00	-0.4
OLY	22.16	0	eP	37 31.50	0.0
PRM	22.34	20	eP	37 33.70	0.4
POW	22.81	1	eP	37 37.00	-0.9
TUL	22.90	351	eP	37 44.70	5.9X
	0.8s		16.70nm	4.6mb	
	Z 23s		0.08um	3.1MszX	
RLO	23.05	353	e(P)	37 39.00	-1.2
TKL	23.38	16	eP	37 44.30	0.9
ELC	24.03	4	eP	37 48.50	-1.2
GFM	24.38	19	eP	37 53.80	0.4
ALQ	25.50	330	eP	38 04.50	0.5
	0.8s		6.90nm	4.3mb	
DAU	32.15	331	eP	39 04.80	0.9
VPEM	32.74	318	eP	39 10.00	1.1
BDW	33.32	335	eP	39 13.50	-0.5
EUR	33.90	325	iP	39 20.50	1.4
	0.2s		8.37nm	5.3mb	
MNA	34.48	321	eP	39 25.50	1.5
BMN	35.25	325	eP	39 32.00	1.4
LRM	37.01	335	eP	39 45.80	0.4
PNT	42.77	333	eP	40 34.00	1.2
	0.8s		19.00nm	4.9mb	
SCH	45.76	20	eP	40 56.00	-0.8
YKC	51.83	347	eP	41 43.00	-0.6
YKA	51.87	347	eP	41 43.90	0.0
FRB	52.94	13	eP	41 50.00	-1.8
COL	64.13	337	eP	43 10.00	0.1
	0.8s		12.69nm	5.1mb	
MBC	64.72	353	eP	43 13.00	-0.5
	0.5s		14.00nm	5.3mb	
BDT	147.99	341	ePKP	52 22.00	4.0X
HYB	147.99	18	ePKP	52 24.00	5.9X
GBA	151.16	23	PKPc	52 32.90	9.9X
	0.9s		16.60nm		
S.D. = 1.0 on 27 of 31 obs.					

? FEB 15, 1985 01h 45m 36.20± 3.02s
66.190 N ±31.9km 150.034 W ±15.8km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.8 (PMR).

IMA	1.49	267	eP	46 03.60	0.5
COL	1.60	143	iP	46 04.20	-0.3
			i	46 06 60	
FBA	1.60	143	eP	46 04.00	-0.5
TTA	4.17	221	eP	46 40.00	-1.3
PWA	4.56	179	eP	46 49.00	2.3X
PWE	4.60	174	eP	46 49.00	1.6
PMS	4.97	177	eP	46 55.50	2.9X
INK	6.75	64	eP	47 14.00	-3.6X
S.D. = 1.6 on 5 of 8 obs.					

• FEB 15, 1985 02h 04m 57.32± 1.00s
32.605 S ± 8.7km 67.866 W ± 9.2km
DEPTH = 5 0km (geophysicist)
MENDOZA PROVINCE, ARGENTINA (139)

MDZ	0.87	251	i(P)	05 13.80	-0.8
CFA	1.04	342	ePd	05 17.00	-0.5
			S	05 30.30	
ZON	1.26	327	eP	05 21.00	-0.2
			eS	05 36.00	
FCH	2.16	250	iP	05 35.50	0.7
			iS	06 03.70	
RFA	2.22	193	ePd	05 34.60	-0.8
			S	06 07.00	
JACH	2.30	267	iPd	05 38.10	1.5
			iS	06 07.50	
PEL	2.43	256	iPc	05 40.20	1.8
			iS	06 10.50	
PCH	2.44	245	iPd	05 41.20	2.6X
			iS	06 12.00	
ROCH	2.67	261	iP	05 40.00	-2.0
			iS	06 18.50	
TCA	3.06	66	ePd	05 47.70	0.4
			e	05 54.40	
			S	06 35.50	
S.D. = 1.4 on 9 of 10 obs.					

& FEB 15, 1985 02h 08m 37.54s
62.144 N 151.448 W
DEPTH = 87.8km
CENTRAL ALASKA (1)
<AGS-P>.

SKT	0.17	193	iP	08 49.95	1.3
			eS	08 59.39	
SUA	0.76	154	iP	08 54.49	-0.4
			eS	09 07.86	
PWA	0.89	123	eP	08 56.12	0.0
SPU	1.01	197	iP	08 56.80	-0.7
			eS	09 12.21	
MSE	1.21	104	eP	08 59.39	-0.7
GHO	1.25	106	eP	08 59.92	-0.6
			eS	09 17.38	
PMS	1.27	134	eP	09 00.24	-0.5
			eS	09 17.75	
NKA	1.41	176	eP	09 03.97	1.6
SML	1.51	102	iP	09 02.90	-0.9
KNK	1.60	116	iP	09 03.78	-1.1
			eS	09 24.30	
RDT	1.64	197	eP	09 05.19	-0.3
PTE	1.73	137	eP	09 05.34	-1.2
SLKM	1.75	160	eP	09 06.61	-0.2
MPA	1.94	148	eP	09 08.40	-1.0
PWL	1.97	129	iP	09 08.09	-1.8
			eS	09 31.97	
ILM	2.08	199	eP	09 11.04	-0.2
NNL	2.11	178	eP	09 13.70	2.0
SEW	2.27	154	eP	09 16.02	2.3
BRLK	2.40	173	eP	09 16.84	1.1
KLU	2.70	102	eP	09 17.95	-1.9
FID	2.77	118	eP	09 17.80	-2.8
21 obs. associated					

& FEB 15, 1985 03h 06m 41.59s
60.175 N 152.738 W
DEPTH = 101.1km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.04	280	iP	06 55.41	1.2
			eS	07 06.61	
RDT	0.43	22	iP	06 57.01	-0.3
NNL	0.73	100	eP	07 00.31	0.6
PDB	0.83	243	iP	06 59.59	-1.0
AUL	0.87	204	eP	07 00.50	-0.5
NKA	0.94	52	eP	07 02.94	1.3
			eS	07 17.85	
BRLK	1.02	113	eP	07 02.00	-0.6
SPU	1.06	18	iP	07 02.50	-0.7
SLKM	1.30	74	iP	07 04.86	-1.0
SUA	1.62	36	iP	07 09.28	-0.7
SEW	1.65	91	eP	07 08.55	-1.5
SVW	1.70	305	iP	07 08.83	-2.1
MPA	1.71	78	eP	07 09.86	-1.0
			eS	07 32.68	
PMS	1.90	54	eP	07 12.24	-1.1
			eS	07 36.34	
SKT	1.90	17	iP	07 12.26	-1.2
PTE	1.96	68	eP	07 12.40	-1.8
			eS	07 37.00	
PWA	2.04	42	eP	07 14.20	-0.9
PWL	2.28	71	eP	07 15.94	-2.5
KNK	2.44	58	eP	07 18.18	-2.4
GHO	2.45	48	eP	07 18.50	-2.3
MSE	2.48	46	eP	07 18.79	-2.4

		eS	07	48.43	
CFI	2.65	65 eP	07	21.58	-1.7
SML	2.70	51 iP	07	21.53	-2.6
HIN	3.11	83 eP	07	28.19	-1.5
FID	3.15	77 eP	07	28.00	-2.2
KLU	3.59	65 iP	07	33.25	-3.0

26 obs. associated

? FEB 15, 1985 03h 34m 55.20± 1.15s
5.219 N ±14.2km 127.383 E ±19.8km
DEPTH = 33.0km (normal)
4.6mb (1 obs.)
PHILIPPINE ISLANDS REGION (248)

CGP	4.18	320 ePd	35	58.10	-0.1
		eS	36	26.50	
MNI	4.53	214 ePc	36	03.60	0.3
KNA	20.88	176 eP	39	34.00	-3.1X
WRA	25.92	165 P	40	26.00	-0.3
	0.2s	3.70nm			4.6mb
WB2	25.93	165 eP	40	24.50	-1.9
CAN	45.16	155 eP	43	11.80	1.1
WAM	45.86	156 eP	43	17.10	0.9

S.D. = 1.4 on 6 of 7 obs.

% FEB 15, 1985 03h 48m 05.72± 0.92s
33.470 S ± 8.8km 70.902 W ± 9.9km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

PCH	0.36	115 iP	48	15.00	0.6
		iS	48	24.00	
PEL	0.37	29 iP	48	18.60	4.1X
		iS	48	24.70	
ROCH	0.51	350 eP	48	17.50	0.9
		iS	48	28.00	
FCH	0.53	75 iPd	48	16.70	-0.4
		iS	48	26.80	
LNV	0.64	221 iP	48	18.00	-0.3
		iS	48	29.50	
JACH	0.83	18 iPd	48	20.20	-0.9
		iS	48	32.50	

S.D. = 1.0 on 5 of 6 obs.

• FEB 15, 1985 04h 14m 18.23± 1.41s
32.526 N ± 9.7km 121.538 E ±16.8km
DEPTH = 33.0km (normal)
EASTERN CHINA (664)

SSE	1.46	192 Pnc	14	42.20	-0.3
		Pg	14	43.00	
		Sg	15	01.50	
NJ2	2.32	259 Pn	14	54.30	-0.6
		Pg	14	58.40	
		Sg	15	30.50	
TIA	5.18	316 ePn	15	35.20	-0.3
		Pg	15	53.00	
		Sn	16	32.80	
		Sg	17	00.40	
WHN	6.45	254 Pgd	16	07.00	13.7X
		iSg	17	36.60	
QZH	7.99	200 eP	16	13.60	-1.2
BJI	8.66	332 (P)	16	22.00	-2.1
XAN	10.67	282 eP	16	53.40	1.5
GYA	14.29	249 eP	17	41.60	1.3
CD2	15.22	269 eP	17	56.10	3.7X
YKA	75.20	24 eP	26	00.60	1.7

S.D. = 1.6 on 8 of 10 obs.

• FEB 15, 1985 04h 16m 15.91± 2.51s
66.142 N ±23.3km 150.028 W ±14.7km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.6 (PMR)

IMA	1.49	269 eP	16	43.00	0.2
FBA	1.56	142 eP	16	43.40	-0.3
TTA	4.13	222 eP	17	20.00	-0.5
PWA	4.51	179 eP	17	26.00	0.2
PMS	4.92	177 eP	17	32.00	0.3
INK	6.77	64 eP	17	53.00	-4.6X

S.D. = 0.5 on 5 of 6 obs

• FEB 15, 1985 04h 32m 15.91± 1.80s
31.533 S ± 9.9km 69.121 W ±20.3km
DEPTH = 120.4 ± 14.0 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.28	80 ePd	32	32.50	-0.9
		S	32	45.00	
ZON	0.38	92 iPd	32	33.60	0.1
		eS	32	46.00	
RTLL	0.59	70 ePd	32	34.30	-0.5
		S	32	48.40	
RTCV	0.59	123 ePc	32	35.80	1.0
		S	32	50.80	
CFA	0.76	96 iPc	32	36.60	0.5
		S	32	52.30	
MDZ	1.37	170 i(P)	33	03.50	21.2X
VCA	2.89	16 ePd	33	02.00	0.3
		S	33	35.10	
RFA	3.27	171 ePc	33	06.50	-0.1
TCA	3.88	88 iPd	33	14.40	-0.4
		S	33	59.40	

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

FEB 15, 1985 04h 54m 44.08± 0.53s
30.129 N ± 9.5km 81.609 E ± 7.2km
DEPTH = 33.0km (normal)
4.4mb (5 obs.)
TIBET (306)

DMN	3.96	128 iPn	55	45.20	0.9
KKN	3.97	125 iPn	55	45.10	0.7
NDI	4.09	250 ePn	55	46.00	0.1
	0.5s	80.99nm			
		ePg	55	56.50	
		eSn	56	35.00	
		eSg	56	51.50	
PKI	4.20	126 iPn	55	48.10	0.4
		Sn	56	32.40	
SHL	10.16	114 iP	57	06.60	-4.3X
		iS	58	56.50	
GBA	16.89	194 Pc	59	10.20	30.6X
	0.4s	1.80nm			
GTA	17.57	53 eP	58	48.00	-0.1
CD2	19.10	82 eP	59	04.80	-2.0
KMI	19.37	100 eP	59	10.50	0.3
BDT	20.42	125 eP	59	20.00	-1.1
GYA	22.35	93 P	59	41.60	0.8
XAN	23.44	73 eP	59	52.00	0.7
SUF	47.96	329 eP	03	23.00	1.8
	0.5s	2.30nm			4.5mb
NUR	48.11	326 iP	03	23.00	0.7
NB2	54.71	326 P	04	10.40	-1.8
	0.8s	2.40nm			4.3mb
LSZ	68.44	236 iP	05	44.60	-0.7
	0.7s	3.30nm			4.5mb
WRA	71.08	128 P	06	08.00	6.7X
	0.5s	1.00nm			4.1mb
WB2	71.09	128 eP	06	00.20	-1.1
MBC	73.07	5 eP	06	11.00	-1.2
	0.6s	6.00nm			4.8mb
COL	77.81	19 eP	06	39.00	-0.3
YKA	86.79	7 eP	07	27.80	1.9

S.D. = 1.2 on 18 of 21 obs.

• FEB 15, 1985 06h 38m 17.24± 0.84s
63.962 N ± 7.6km 148.572 W ±12.1km
DEPTH = 33.0km (normal)
CENTRAL ALASKA (1)
ML 2.4 (PMR).

FBA	1.00	19 eP	38	35.00	0.0
PME	2.35	185 eP	38	54.40	0.0
PWA	2.40	195 eP	38	55.00	0.0
PMS	2.77	190 eP	39	00.00	-0.2
TTA	3.50	256 eP	39	10.50	-0.3
SVW	4.34	232 eP	39	23.00	0.4

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

FEB 15, 1985 07h 02m 50.02± 0.57s
35.506 N ± 4.6km 138.936 E ± 4.6km
DEPTH = 10.0km (geophysicist)
HONSHU, JAPAN (227)
Felt (I JMA) at Mishimo.

OYM	0.26	109 P	02	56.00	0.4
SRY	0.29	70 P	02	56.60	0.4
KOF	0.35	297 Pc	02	57.70	0.5
		eS	03	03.00	
MIS	0.39	181 Pc	02	57.70	-0.4
		iS	03	03.80	
AJI	0.48	164 P	02	59.10	-0.7
		S	03	05.70	
DDR	0.53	23 P	03	00.90	0.0
YOK	0.59	96 P	03	04.20	2.2
		iS	03	13.10	
SHZ	0.69	219 eP	03	04.00	0.4
		iS	03	13.80	
TOK	0.69	75 P	03	03.20	-0.5
		S	03	15.70	
KYS	1.04	107 P	03	08.70	-0.9
TSK	1.19	53 P	03	11.00	-1.1
MAT	1.19	331 iPd	03	11.80	-0.4
		iS	03	27.30	

S.D. = 1.0 on 12 of 12 obs

FEB 15, 1985 07h 22m 09.25± 0.48s
22.083 S ± 7.1km 179.404 E ± 5.5km
DEPTH = 634.5 ± 6.5 km
4.9mb (17 obs.)
SOUTH OF FIJI ISLANDS (171)

SVA	4.05	347 eP	23	37.60	-0.2
		eS	24	45.40	
VUN	4.15	348 eP	23	38.50	-0.1
		eS	24	50.00	
NOU	12.00	266 iPc	24	52.00	4.0X
		iS	27	06.50	
CRZ	13.65	204 P	25	07.00	3.3X
KOU	14.18	273 iPc	25	11.90	3.1X
		iS	27	49.00	
KRP	16.14	191 P	25	29.70	2.3
		S	28	17.00	
GNZ	16.55	184 eP	25	30.00	-1.3
		eS	28	14.00	
TCW	19.56	192 P	25	58.00	-1.1
		S	28	57.20	
MSZ	24.43	200 eP	26	44.00	1.3
AFR	29.32	87 eP	27	24.00	-1.2
	0.9s	35.00nm			5.0mb
CAN	29.62	237 iPc	27	28.60	0.9
TVO	29.75	87 eP	27	28.00	-0.9
	0.9s	60.00nm			5.2mb
WAM	29.99	235 eP	27	32.10	1.3
CTA	30.96	267 iPd	27	39.70	0.6
	0.4s	11.44nm			4.9mb
CMS	31.30	245 eP	27	42.00	0.2
PMO	31.74	83 iP	27	45.20	-0.4
	0.9s	45.00nm			5.1mb
VAH	31.92	83 iP	27	46.60	-0.5
	0.9s	35.00nm			5.0mb
TPT	32.00	83 iP	27	47.80	0.0
	0.9s	65.00nm			5.3mb
RUV	32.16	83 iP	27	48.80	-0.3
	0.9s	75.00nm			5.3mb
TOO	33.01	234 iPc	27	56.90	0.7
	0.6s	32.00nm			5.1mb
ASPA	41.82	259 eP	29	08.00	0.3
		e	34	40.00	
WB2	42.00	264 eP	29	08.20	-0.9
WRA	42.01	264 Pc	29	08.30	-0.9
	0.2s	4.00nm			4.5mb
WBN	48.12	254 iPc	29	55.60	-0.3
	0.5s	31.00nm			5.0mb
KNA	48.14	268 iPd	29	55.80	-0.3
KLB	55.20	246 eP	30	45.00	-1.5
NWAO	55.50	244 eP	30	48.00	-0.6
BAL	56.21	247 iPc	30	52.80	-0.7
NAU	58.69	256 iPc	31	10.20	-0.1
	0.5s	20.00nm			4.6mb
SPA	68.05	180 iPc	32	09.80	0.8
	0.5s	77.78nm			5.4mb
		e	33	13.00	
SYP	80.51	47 eP	33	19.00	0.5
PRS	80.63	45 eP	33	20.00	1.1
PRI	80.98	45 eP	33	22.00	1.2
MHC	81.06	44 eP	33	22.30	1.2
ARN	81.13	44 P	33	22.30	0.9
SLD	81.17	44 P	33	22.50	0.9
PAS	81.53	48 eP	33	23.00	-0.5
MWC	81.65	48 eP	33	24.00	-0.3
RMT	81.96	41 P	33	27.00	1.6
RVR	82.00	49 eP	33	25.00	-0.8
PLM	82.01	49 eP	33	25.00	-1.1
SBB	82.07	48 eP	33	25.00	-1.2
FRI	82.10	45 eP	33	26.80	0.6
ISA	82.17	47 eP	33	27.00	0.3
JAS1	82.18	44 iPc	33	27.50	0.9
WKTM	82.27	47 P	33	27.50	0.3
WDC	82.44	41 eP	33	29.90	2.1

15d 07h

ORV	82.46	42	eP	33	28.50	0.5
SDW	82.54	48	P	33	27.50	-1.1
VPEM	82.77	47	P	33	30.40	0.6
CLC	82.85	47	eP	33	29.00	-1.1
MIN	82.87	41	eP	33	30.70	0.5
CWC	82.87	46	eP	33	30.00	-0.3
TPC	82.98	49	eP	33	30.00	-0.8
GSC	83.11	48	eP	33	31.00	-0.4
GLA	83.29	50	eP	33	33.00	0.7
MNA	83.93	44	eP	33	36.00	0.5
BMN	85.65	43	P	33	44.00	0.3
	1.0s	9.38nm			4.4mb	
		pP		36	00.00	645kmX
EUR	85.93	45	iP	33	45.00	-0.2
	0.2s	5.86nm			5.0mb	
MFW	88.02	38	P	33	55.00	0.5
DAU	89.51	46	P	34	02.50	0.5
LTX	89.94	58	P	34	05.00	1.1
ALQ	90.28	52	eP	34	05.20	-0.2
	1.0s	10.00nm			4.7mb	
BDW	91.77	44	P	34	12.00	-0.2
	1.0s	3.50nm			4.3mb	
JCT	93.47	59	iP	34	20.00	0.0
	0.9s	3.36nm			4.5mb	
FRB	119.32	28	ePKP	39	47.00	-1.6
BUL	129.25	216	PKPd	40	09.00	-0.3
			SKP	42	34.20	
MTD	130.15	222	ePKP	40	12.00	1.0
			iSKP	42	38.00	
KRI	131.31	220	ePKP	40	12.00	-1.2
			iSKP	42	42.00	
ITR	131.88	125	ePKP	40	12.60	-1.7
LSZ	133.37	220	iPKPc	40	17.80	0.6
	0.7s	4.40nm				
KJF	133.90	343	ePKP	40	15.00	-1.6
			eSKP	42	49.00	
SUF	135.51	343	ePKP	40	16.00	-3.7X
NUR	137.72	342	ePKP	40	22.00	-1.8
			iSKP	43	00.00	
NB2	140.21	351	PKP	40	21.00	-7.4X
	0.6s	1.70nm				
EKA	146.74	3	PKP	40	42.00	2.5X
	0.7s	15.20nm				
KSP	148.40	339	iPKPc	40	47.20	4.9X
CLL	148.96	343	iPKP	40	48.30	5.2X
			e	43	17.00	
BRG	149.10	342	iPKPc	40	48.50	5.1X
	1.0s	40.00nm				
PRU	149.70	340	PKP	40	50.00	5.7X
MOX	149.93	344	ePKPd	40	50.50	5.8X
ZST	150.34	336	iPKP	40	51.90	6.6X
KHC	150.75	341	ePKP	40	42.90	-3.1X
			i	40	53.00	
GRF	150.91	344	ePKP	40	53.50	7.3X
TNS	151.03	348	ePKP	40	53.10	6.7X
MEM	151.06	351	PKP	40	53.20	6.9X
DOU	151.75	353	PKP	40	54.70	7.4X
BNG	154.47	229	iPKPd	40	53.30	1.1
	0.5s	33.00nm				
			i	41	20.00	
KIC	163.86	165	ePKP	41	02.60	0.0
			e	42	00.50	
	S.D = 1.0	on	72 of	89	obs.	

• FEB 15, 1985 07h 50m 22.82± 1.65s
6 474 N ±19.0km 72:990 W ± 8.1km
DEPTH = 170.7 ± 11.8 km
4.4mb (3 obs.)
NORTHERN COLOMBIA (59)

UAV	2.88	41	iPnc	51	09.10	-0.2
	0.3s	73.70nm				
SDV	3.35	44	iPnd	51	17.10	1.6
	0.2s	57.90nm				
LGN	4.03	25	eP	51	19.20	-5.4X
TOV	4.57	44	iPnd	51	31.80	0.1
	0.7s	123.10nm				
UPA	6.95	291	eP	52	03.00	-0.1
	0.7s	16.44nm			4.5mb	
			e	53	12.00	
			eS	53	23.50	
CAR	7.21	56	ePn	52	06.00	-0.8
	0.5s	16.90nm			4.7mb	
PCJ	11.92	340	iP	53	08.01	-0.5
			eS	55	07.52	
HOJ	12.03	343	eP	53	10.01	0.0
GWJ	12.10	343	eP	53	10.40	-0.6
STH	12.12	342	eP	53	10.96	-0.2
BBJ	12.55	341	eP	53	17.76	1.1
EUR	50.69	317	eP	59	07.50	0.3
	0.9s	2.15nm			3.8mb	
YKA	63.63	340	eP	00	37.50	0.0
	S.D. = 0.7	on	12 of	13	obs.	

• FEB 15, 1985 08h 58m 53.98± 1.01s
31.295 S ±10.1km 68.571 W ±10.4km
DEPTH = 112.2 ± 12.1 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.09	112	iPd	59	09.80	-0.2
			S	59	21.50	
ZON	0.27	200	iPd	59	10.00	-0.4
RTCB	0.27	226	iPd	59	10.20	-0.3
			S	59	22.00	
RTCV	0.56	177	iPd	59	12.20	0.4
			S	59	25.80	
JACH	2.21	231	iP	59	31.20	0.9
			iS	00	00.00	
FCH	2.50	215	eP	59	36.00	1.6
VCA	2.57	7	ePd	59	35.20	0.1
			S	00	07.80	
ROCH	2.66	230	iPc	59	36.40	0.0
			iS	00	08.20	
PCH	2.84	215	iP	59	39.50	0.8
			iS	00	14.50	
TACH	3.09	220	eP	59	41.80	-0.1
TCA	3.41	92	iPd	59	46.50	0.2
			S	00	25.00	
RFA	3.47	179	ePc	59	46.70	-0 4
LNV	3.57	221	iP	59	46.00	-2.5
	S.D. = 1.1	on	13 of	13	obs.	

• FEB 15, 1985 08h 59m 03.16± 1.21s
5.236 N ± 7.1km 126.174 E ±13.4km
DEPTH = 70.2 ± 11.2 km
4.9mb (4 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

DAV	1.93	342	eP	59	34.80	0.3
			eS	00	02.00	
MNI	4.00	200	eP	00	03.00	-0.3
			eS	00	46.80	
BAG	12.39	334	eP	02	05.00	6.4X
KNA	21.01	173	eP	03	42.00	-1.1
KGM	23.03	263	eP	04	08.00	4.9X
IPM	25.06	270	ePd	04	23.90	1.1
WRA	26.28	162	Pd	04	34.00	0.1
	0.3s	5.10nm			4.5mb	
WB2	26.28	162	eP	04	33.20	-0.8
			i	04	35.00	
LOE	26.80	299	e(P)	04	37.00	-1.8
KHT	28.74	291	eP	04	59.40	3.1X
ASPA	29.70	166	eP	05	05.00	0.1
WBN	31.19	179	eP	05	19.00	1.1
BAL	36.77	194	eP	06	06.60	0.2
LZH	36.93	329	eP	06	07.00	-0.3
MUN	38.21	194	eP	06	17.00	-0.9
SHL	38.55	305	iP	06	22.30	1.2
STK	39.73	159	eP	06	30.00	-0.5
CAN	45.70	154	eP	07	21.10	2.1
WAM	46.38	154	eP	07	24.50	0.2
GBA	48.72	283	Pd	07	43.30	0.4
	0.2s	3.50nm			5.0mb	
SOD	88.87	338	eP	11	49.00	-1.6
KJF	89.00	334	eP	11	52.00	0.7
SUF	89.97	333	eP	11	56.00	0.2
	0.5s	2.30nm			4.7mb	
DAG	95.71	352	iPd	12	21.70	-0.4
	0.5s	2.82nm			5.0mb	
	S.D. = 1.0	on	21 of	24	obs.	

FEB 15, 1985 09h 20m 58.08± 0.41s
23.662 S ±12.6km 175.229 W ± 6.4km
DEPTH = 33.0km (normal)
5.2mb (12 obs.) 5.3Msz (3 obs.)
TONGA ISLANDS REGION (174)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 16C
Centroid Location:
Origin Time 09:21. 4.3 0.7
Lat 23.48S 0.08 Lon 175.20W 0.07
Dep 29.1 4.8 Half-durotion 1.7
Moment Tensor: Scale 10**23 D-CM
Mrr= 7.63 0.45 Mtt= 1.76 0.53
Mff=-9.39 0.57 Mrt=-2.49 1.01
Mrf= 8.80 1.90 Mtf=-3.58 0.54
Principal Axes:

	Val=	Plg=	Azm=
T	12.64	59	230
N	0.85	21	1
P	-13.49	21	100

Best Double Couple:Mo=1.3*10**24

	Strike=	Dip=	Slip=
NP1:	223	30	136
NP2:	353	70	67

RAO	6.07	203	P	22	22.00	-5.8X
			S	23	45.50	
NUE	6.72	48	P	22	24.50	-12.6X
			S	23	30.00	
VUN	8.15	312	eP	22	56.10	-1.0
AFI	10.24	19	P	23	13.00	-12.9X
			S	24	54.00	
RAR	14.50	83	P	24	15.50	-7.3X
			S	26	48.00	
PVC	16.48	288	iPc	24	51.50	3.0X
NOU	16.93	271	iPc	24	56.00	2.0
KOU	19.23	275	iPc	25	23.30	0.9
TCW	19.59	204	eP	25	26.90	0.6
			S	28	51.00	
MSZ	25.08	209	eP	26	27.00	6.1X
CTA	35.85	268	iPc	27	55.80	-1.1
	0.8s	19.03nm			5.1mb	
			iS	33	55.00	
PMG	38.60	285	eP	28	21.00	0.9
ASPA	46.38	259	eP	29	23.00	-0.4
			eS	36	16.00	
WB2	46.77	264	eP	29	24.20	-2.3
			eS	32	44.30	
WRA	46.78	264	P	29	25.00	-1.5
	0.3s	5.80nm			5.0mb	
WBN	52.46	254	eP	30	09.00	-1.2
KNA	53.04	268	eP	30	12.00	-2.5
SPA	66.48	180	e(P)	31	50.20	3.8X
MAT	74.27	323	eP	32	33.00	-0.8
	0.7s	6.85nm			4.8mb	
			eS	43	00.00	
BAG	74.27	296	eP	32	30.00	-4.4X
PRS	78.39	42	eP	32	57.50	0.5
MHC	78.89	41	eP	33	00.70	0.8
ARN	78.96	41	P	33	00.50	0.4
PAS	79.02	45	eP	33	05.00	4.5X
MWC	79.14	45	eP	33	00.00	-1.4
PLM	79.39	46	eP	33	02.00	-0.8
RVR	79.44	46	eP	33	03.00	0.2
SBB	79.57	45	eP	33	03.00	-0.6
ISA	79.76	44	eP	33	05.00	0.4
WKTM	79.87	44	P	33	05.30	0.2
JAS1	80.00	41	eP	33	06.20	0.5
SDW	80.01	45	P	33	05.50	-0.5
TPC	80.38	46	eP	33	07.00	-0.9
CLC	80.42	44	eP	33	07.00	-1.1
ORV	80.43	39	eP	33	08.20	0.2
WDC	80.52	38	eP	33	07.00	-1.4
GLA	80.58	48	eP	33	17.00	8.1X
GSC	80.61	45	eP	33	08.00	-1.1
MIN	80.89	39	eP	33	09.50	-1.1
KGM	82.98	275	ePd	33	23.00	1.2
BMN	83.51	41	P	33	23.50	-0.6
	1.5s	41.67nm			5.3mb	
EUR	83.69	42	iP	33	25.80	0.6
	0.3s	5.38nm			5.2mb	
MDJ	84.57	324	eP	33	29.00	-0.2
IPM	86.11	277	ePd	33	37.00	-0.5
CN2	86.36	321	Pc	33	37.40	-0.7
LTX	86.63	56	P	33	40.50	0.6
TIA	87.29	312	Pd	33	43.30	0.5
ALQ	87.41	50	eP	33	43.00	-0.7
	1.3s	18.75nm			5.2mb	
	Z 18s	1.80um			5.5Msz	
TTA	87.63	9	P	33	44.00	0.1
PNT	87.87	33	eP	33	46.00	0.7
	0.8s	16.00nm			5.4mb	
BDW	89.53	42	P	33	53.00	-0.6
	1.2s	4.71nm			4.7mb	
BJI	89.93	314	eP	33	55.50	0.3
JCT	90.13	57	eP	33	57.80	1.4
	1.1s	9.49nm			5.0mb	
	Z 20s	1.06um			5.3Msz	
GYA	90.43	299	eP	34	00.40	2.4
LOE	90.72	289	eP	34	01.40	2.1
COL	90.79	11	eP	33	55.00	-3.7X

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FBA     90.79   11 eP     33 58.00   -0.7
TIY     91.29  311 Pc     34 02.00    0.4
XAN     92.08  306 eP     34 06.20    0.9
BDT     93.03  287 eP     34 08.00   -1.9
        0.7s     21.40nm          5.7mb
KMI     93.05  296 Pc     34 11.00    0.8
CHG     93.71  289 eP     34 16.00    2.9X
        1.1s     18.99nm          5.4mb
OCO     94.14   53 e(P)   34 10.80   -3.9X
BTO     94.31  313 eP     34 16.00    0.5
CD2     94.64  302 eP     34 18.20    1.0
TUL     95.54   53 eP     34 23.50    2.3
        1.4s     25.60nm          5.5mb
     Z  21s       0.95um           5.2Msz
     N  18s       0.49um
     E  20s       0.43um
RLO     96.21   53 e(P)   34 25.50    1.3
LZH     96.71  306 eP     34 28.50    1.8
YKA     98.31   24 eP     34 35.80    2.8X
LPB     98.41  112 Pd     34 40.00    4.9X
                LR         06 09.00
NB2    142.38  355 PKP     40 25.40   -3.2X
        0.8s     1.70nm
MUD    147.08  356 ePKP    40 42.00    5.5X
        1.0s     24.00nm
KRA    151.11  340 iPKPc   40 50.70    7.7X
        1.1s     62.00nm
                 e          40 53.20
                 e          40 56.50
KSP    151.43  345 ePKP    40 47.50    4.0X
CLL    151.67  349 ePKP    40 51.00    7.2X
                 i          40 54.00
                 e          41 12.00
SPC    151.76  338 ePKP    40 51.80    7.5X
BRG    151.92  348 ePKP    40 50.50    6.3X
        1.0s     20.00nm
                 e          41 52.60
JOS    152.25  337 ePKP    40 54.00    9.3X
MLR    152.26  327 ePKP    40 44.00   -1.1
MOX    152.54  351 ePKP    40 53.00    7.9X
        1.8s     38.00nm
                 e          41 08.00
PRU    152.63  346 ePKP    40 57.50   12.3X
COZ    153.17  328 ePKP    40 55.00    8.6X
ZST    153.63  341 e(PKP)  41 05.00   18.3X
                 e          41 13.60
KHC    153.65  347 ePKP    40 52.00    5.2X
                 e          41 10.00
SOP    154.25  341 e(PKP)  40 57.80   10.3X
     S.D. = 1.1  on  56 of  85 obs.

&  FEB  15, 1985  10h 09m 48.97s
   61.524 N          151.462 W
   DEPTH =  75.0km
 SOUTHERN ALASKA                    (  2)
      <AGS-P>.

CGLM    0.34  231 iP     10 00.72   -0.5
                eS     10 10.05
SUA     0.35  100 iP     10 01.59    0.2
                eS     10 10.73
SPU     0.45  220 iP     10 01.50   -0.5
                eS     10 10.64
SKT     0.46  356 iP     10 01.36   -0.7
                eS     10 11.72
PWA     0.77   80 iP     10 05.24    0.1
                eS     10 17.91
NKA     0.79  172 eP     10 06.87    1.4
PMS     0.96  106 iP     10 07.23   -0.3
                eS     10 22.70
RDT     1.06  206 eP     10 08.11   -0.7
PME     1.17   84 eP     10 09.24   -0.9
SLKM    1.19  149 eP     10 09.38   -1.0
                eS     10 25.06
MSE     1.23   74 iP     10 10.27   -0.8
GHO     1.24   77 iP     10 10.28   -0.8
PTE     1.35  118 iP     10 11.43   -1.1
KNK     1.45   93 eP     10 12.60   -1.2
                eS     10 31.35
MPA     1.46  134 eP     10 13.07   -0.8
NNL     1.49  177 eP     10 15.18    0.8
ILM     1.50  207 eP     10 13.84   -0.7
SML     1.52   78 iP     10 13.37   -1.4
PWL     1.65  112 iP     10 14.95   -1.7
SEW     1.73  144 eP     10 18.73    1.1
BRLK    1.79  171 eP     10 18.24   -0.2
CFI     1.81   99 iP     10 17.12   -1.6

SCM     2.00   79 eP     10 19.81   -1.5
SVW     2.05  260 iP     10 20.57   -1.5
PDB     2.20  219 eP     10 23.20   -0.8
VLZ     2.50   97 eP     10 25.71   -2.5
KLU     2.66   88 eP     10 27.79   -2.7
COL     3.77   24 iP     10 44.60   -1.3
        28 obs. associated

*  FEB  15, 1985  10h 30m 24.15± 2.63s
   23.084 S ±18.1km  175.847 W ±14.1km
   DEPTH = 256.3 ± 23.2 km
   4.3mb (  5 obs.)
 TONGA ISLANDS REGION               (174)

VUN     7.34  312 eP     32 09.90    0.0
CTAO   35.30  267 eP     36 57.50    0.6
WB2    46.26  264 eP     38 25.70   -0.5
WRA    46.27  264 Pd     38 25.20   -1.1
        0.2s     3.50nm           4.3mb
KNA    52.49  267 eP     39 14.00    0.6
SPA    67.06  180 eP     40 52.10    0.3
        1.0s     7.00nm           4.3mb
JAS1   79.94   41 eP     42 06.00   -0.1
BMN    83.45   41 eP     42 24.00   -0.3
EUR    83.64   42 iP     42 25.80    0.4
        0.8s     3.10nm           4.2mb
ALQ    87.48   50 eP     42 43.80   -0.5
        1.0s     4.50nm           4.3mb
PNT    87.70   33 eP     42 45.00    0.3
        0.9s    10.00nm           4.7mb
BDW    89.49   42 eP     42 53.00   -0.6
COL    90.34   12 eP     42 57.50    0.8
KSP   150.72  344 iPKPc   49 51.00    9.9X
CLL   151.00  349 ePKP    49 51.00    9.6X
        1.1s    15.00nm
BRG   151.23  347 iPKP    49 52.10   10.3X
     S.D. = 0.6  on  13 of  16 obs.

?  FEB  15, 1985  10h 41m 11.32±11.29s
   42.836 N ±83.2km   24.442 E ±49.6km
   DEPTH =  10.0km  (geophysicist)
 BULGARIA                           (359)

PVL     0.62   60 eP     41 48.00   24.2X
PLD     0.76  165 ePg    41 26.00   -0.1
                iSg    42 40.00
VTS     0.95  256 iPgc   41 29.00   -0.3
                iSg    41 38.00
MMB     1.35  203 iPd    41 36.00   -0.2
KDZ     1.37  150 iP     41 44.00    7.5X
VAY     2.06  223 ePn    41 47.00    0.7
WLF    14.36  305 eP     44 36.60    0.1X
     S.D. = 0.8  on   4 of   7 obs.

   FEB  15, 1985  11h 00m 05.50± 0.73s
   42.588 N ± 7.0km   23.588 E ± 7.9km
   DEPTH =  10.0km  (geophysicist)
 BULGARIA                           (359)

PLD     0.96  120 eP     00 24.00    0.3
MMB     1.00  174 iPd    00 23.00   -1.5
PVL     1.29   64 iPc    00 30.00    0.6
VAY     1.48  211 iPn    00 33.50    1.4
KDZ     1.62  125 iP     00 52.00   17.9X
SKO     1.71  250 iPn    00 35.50    0.0
CLO     2.55  347 eP     00 47.00   -0.5
OHR     2.55  236 ePn    00 52.00    4.3X
MLR     3.36   30 eP     00 59.00   -0.2
     S.D. = 1.1  on   7 of   9 obs.

*  FEB  15, 1985  12h 47m 57.05± 2.48s
   66.189 N ±24.6km  150.100 W ±12.0km
   DEPTH =  10.0km  (geophysicist)
 ALASKA                             (676)
      ML 4.1 (PMR).

IMA     1.46  267 eP     48 24.00    0.4
COL     1.61  142 iP     48 25.50   -0.1
FBA     1.61  142 eP     48 25.00   -0.6
TTA     4.15  221 eP     49 00.60   -1.3
PWA     4.56  179 eP     49 10.00    2.4X
PME     4.60  174 eP     49 09.50    1.3
PMS     4.97  177 eP     49 17.00    3.5X
SVW     5.66  208 eP     49 23.50    0.2
BRW     5.68  338 eP     49 21.00   -2.4X
INK     6.77   64 eP     49 33.00   -5.8X
     S.D. = 1.1  on   6 of  10 obs.

&  FEB  15, 1985  13h 42m 44.76s
   61.913 N          147.306 W
   DEPTH =  30.9km
 SOUTHERN ALASKA                    (  2)
      <AGS-P>. ML 2.5 (PMR).

SCM     0.08  187 iP     42 51.12    0.8
SML     0.50  258 iP     42 54.40   -0.9
KNK     0.74  228 iP     42 58.31   -0.7
                eS     43 08.78
CFI     0.77  197 eP     42 58.90   -0.3
                eS     43 09.27
GHO     0.78  260 iP     42 58.34   -1.2
                eS     43 08.96
KLU     0.78  122 iP     42 59.21   -0.4
MSE     0.79  265 iP     42 58.31   -1.5
                eS     43 08.78
PME     0.87  252 eP     42 59.20   -1.5
VLZ     0.91  149 iP     43 00.33   -1.0
                eS     43 15.25
TSIM    1.17  125 eP     43 04.33   -0.8
                eS     43 21.79
PWL     1.17  206 iP     43 05.07    0.0
                eS     43 21.97
PWA     1.25  259 eP     43 05.20   -1.0
PMS     1.27  239 eP     43 06.20   -0.3
PTE     1.34  219 eP     43 07.56    0.2
                eS     43 26.44
CVA     1.56  151 iP     43 11.77    1.1
HIN     1.57  165 eP     43 11.85    1.0
BMRM    1.62  125 eP     43 11.50   -0.2
                eS     43 32.72
SUA     1.70  256 eP     43 12.84    0.0
CSG     1.73  136 eP     43 14.39    1.3
GLB     1.73  104 eP     43 13.09   -0.1
                eS     43 36.65
MPA     1.74  216 iP     43 13.66    0.4
SGAM    1.74  143 eP     43 13.72    0.4
RAGM    1.99  139 eP     43 18.37    1.4
SLKM    1.99  226 eP     43 17.42    0.4
SKT     2.00  274 eP     43 16.54   -0.5
                eS     43 42.43
SEW     2.09  211 eP     43 18.91    0.6
CGLM    2.33  257 eP     43 21.63   -0.1
SPU     2.39  254 eP     43 22.10   -0.5
BALM    2.54  108 eP     43 24.49   -0.3
BRLK    2.78  221 eP     43 27.71   -0.4
RDT     2.81  244 eP     43 27.68   -0.9
COL     3.01  356 eP     43 30.00   -1.3
FBA     3.01  356 eP     43 30.10   -1.2
CTGM    3.02  106 eP     43 32.08    0.4
YAH     3.11  118 eP     43 32.38   -0.7
SVW     4.07  262 eP     43 44.00   -2.4
TTA     4.18  288 eP     43 45.20   -2.8
IMA     5.03  329 eP     44 04.00    3.9
        38 obs. associated

*  FEB  15, 1985  14h 16m 32.57± 1.46s
   37.139 N ±13.4km   21.748 E ±13.2km
   DEPTH =  62.5 ± 15.1 km
   3.9mb (  2 obs.)
 SOUTHERN GREECE                    (368)

VLS     1.39  319 ePn    16 55.50   -0.6
                ePg    16 59.00
                eSn    17 19.50
ATH     1.77   61 ePn    17 01.00   -0.4
                eSn    17 28.50
KZN     3.16    0 ePn    17 21.00    0.0
NPS     3.64  120 ePb    17 28.00    0.3
OHR     4.04  350 iPn    17 34.90    1.7
VAY     4.22    8 iPn    17 35.60   -0.2
SKO     4.83  357 ePn    17 44.00   -0.4
HFS    23.59  350 eP     21 38.30    0.3
        0.5s     3.40nm           4.1mb
NB2    24.83  348 P      21 49.70   -0.4
        0.6s     2.00nm           3.8mb
     S.D. = 0.9  on   9 of   9 obs.

*  FEB  15, 1985  14h 41m 24.74± 1.06s
   26.029 N ±13.3km  128.630 E ±17.1km
   DEPTH =  33.0km  (normal)
   5.0mb (  5 obs.)
 RYUKYU ISLANDS                     (238)

NGO     0.82  314 P      41 39.00   -6.8
                S      41 49.60
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15d 14h

NAH 0.87 283 eP 41 40.00 -0.6
S 41 52.40
BJI 17.42 326 (P) 45 28.50 1.8
LOE 26.38 256 eP 47 01.50 1.5
PKI 38.47 282 eP 48 45.40 -0.5
0.5s 14.00nm 5.0mb
KKN 38.55 283 eP 48 46.20 -0.3
0.5s 22.00nm 5.2mb
DMN 38.73 282 eP 48 47.80 -0.2
0.8s 15.00nm 4.8mb
WRA 46.03 173 Pd 49 47.00 -0.1
0.3s 5.80nm 5.0mb
WB2 46.03 173 eP 49 47.20 0.1
NB2 79.65 334 P 53 29.20 -1.0
0.8s 1.90nm 4.1mb
S.D. = 1.1 on 10 of 10 obs.

& FEB 15, 1985 15h 56m 09.90s
37.228 N 89.336 W
DEPTH = 6.2km
CAPE GIRARDEAU, MISSOURI REGION(487)
<SLM>. mbLg 3.3 (SLM). Felt (IV) at Old Appleton, Missouri. Also felt (IV) at Chester and Tamms, Illinois. Felt (III) at Cairo and Colp, Illinois. Also felt at Belknap, Illinois and Moyfield, kentucky.

ELC 0.10 57 P 56 12.40 0.1
GRT 0 96 184 P 56 27.50 -1.1
FVM 1.15 311 eP 56 29.50 -2.2
POW 1.83 235 P 56 41.70 -0.4
OLY 2.44 226 P 56 50.50 -0.3
PWLA 2.47 153 P 56 48.40 -2.9
6 obs. ossocioted

& FEB 15, 1985 16h 26m 43.20s
34.150 N 117.480 W
DEPTH = 3.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.0 (PAS). Felt at Fontona

MWC 0.48 279 iPc 26 52.70 -0.2
SDW 0.57 36 iP 26 53.90 -0.7
SBB 0.61 332 iPd 26 54.70 -0.7
SLBC 1.16 171 eP 27 04.30 -1.2
eS 27 20.90
VPEM 1.82 351 eP 27 17.00 1.3
WKTM 1.82 335 eP 27 14.50 -1.2
CBX 1.96 159 iPc 27 18.04 0.5
S 27 19.14
7 obs. ossocioted

FEB 15, 1985 17h 21m 23.33± 0.26s
34.306 N ± 5.1km 82.422 E ± 4.7km
DEPTH = 33.0km (normal)
5.0mb (29 obs.) 4.2Msz (1 obs.)
T BET (306)

KKN 6.94 159 eP 23 06.20 0.6
DMN 7.06 160 eP 23 07.80 0.5
NDI 7.15 220 iP 23 11.50 3.2X
iS 24 35.00
PKI 7.19 158 eP 23 09.60 0.5
KSH 7.28 317 eP 23 14.00 3.8X
eS 24 34.00
Lg 25 24.00
LSA 8.72 119 P 23 31.40 0.9
WMC 10.34 22 iP 23 48.50 -4.0X
sP 23 56.50
SML 11.96 134 eP 24 06.00 -8.6X
eS 27 44.00
QUE 13.72 257 eP 24 36.50 -1.5
e(S) 27 09.00
GTA 14.82 65 eP 24 48.50 -3.9X
Lg 29 23.50
HYB 17.17 193 eP 25 20.00 -2.4
0.9s 78.90nm 4.8mb
POO 17.47 208 iP 25 27.00 0.9
eS 30 52.00
BOM 17.57 212 eP 25 29.00 1.7
eS 29 02.00
LZH 17.60 78 eP 25 26.50 -1.3
eS 28 40.00
CD2 18.29 95 eP 25 36.80 0.6

MHI 18.81 283 eP 25 32.00 -10.7X
e 25 43.00
eS 29 15.00
KHI 19.66 276 eP 25 52.50 -0.1
KMI 19.85 112 eP 25 53.00 -1.6
sP 26 02.00
S 29 34.00
GBA 21.10 194 Pd 26 07.50 0.1
1.3s 111.70nm 5.1mb
CHG 21.32 132 iPc 26 09.80 0.2
1.0s 22.00nm 4.5mb
eS 30 16.00
XAN 21.91 83 eP 26 13.00 -2.5
GYA 22.29 104 P 26 20.00 0.6
S 30 21.00
BDT 22.56 135 ePc 26 19.80 -2.2
0.8s 61.70nm 5.1mb
BTO 22.74 66 eP 26 22.00 -1.7
LOE 24.12 129 eP 26 35.80 -1.3
KHT 24.31 139 eP 26 40.30 1.3
KOD 24.39 192 eP 26 42.00 1.9
eS 31 20.00
TIY 24.47 73 eP 26 40.00 -0.5
SHI 25.73 268 eP 26 54.00 1.3
NNT 26.74 140 eP 27 02.90 1.1
WHN 27.15 89 eP 27 08.00 2.5X
BJI 27.39 68 eP 27 06.50 -1.0
KER 29.08 280 eP 27 25.00 2.0
SNY 33.01 65 eP 27 58.70 1.3
CN2 34.40 61 Pc 28 10.30 0.9
pP 28 16.90 22kmX
eS 33 30.00
MLR 43.92 302 eP 29 30.00 1.3
KJF 44.46 329 iP 29 35.60 3.0X
0.9s 16.90nm 4.9mb
SUF 44.79 327 iP 29 35.30 0.0
0.8s 12.40nm 4.8mb
MAT 44.97 70 iPc 29 38.20 1.0
0.8s 21.64nm 5.1mb
(S) 36 00.00
NUR 45.09 324 iP 29 40.40 2.6X
Z 21s 0.30um 4.2Msz
SOD 45.78 333 eP 29 44.00 0.9
KEV 46.41 337 eP 29 51.00 2.9X
UPP 48.53 322 iP 30 08.90 4.1X
PRU 50.97 310 eP 30 27.00 3.3X
BRG 51.21 311 e(P) 30 25.00 -0.4
NB2 51.69 324 P 30 27.00 -2.0
1.0s 12.80nm 4.8mb
KHC 51.74 309 P 30 29.70 0.2
MOX 52.71 311 e(P) 30 35.00 -1.8
WLF 56.35 311 Pc 30 55.50 -7.8X
BSF 56.43 308 iPc 31 03.70 -0.3
0.8s 16.10nm 5.1mb
LOR 58.49 308 iPc 31 18.30 -0.2
0.8s 4.50nm 4.6mb
LBF 58.50 308 iPc 31 18.50 -0.1
0.9s 9.00nm 4.9mb
SMF 58.70 308 iPc 31 19.30 -0.6
0.9s 13.10nm 5.0mb
SSF 58.79 308 iPc 31 19.50 -1.0
1.0s 14.00nm 5.0mb
AVF 58.97 308 iPc 31 20.90 -0.9
1.3s 19.40nm 5.1mb
BGF 59.38 308 iPc 31 23.80 -0.8
DAG 59.41 345 iPd 31 25.00 0.6
0.8s 5.97nm 4.8mb
i 32 14.00
MZF 59.66 308 iPc 31 26.20 -0.4
TCF 59.88 308 iPc 31 27.70 -0.4
0.9s 13.70nm 5.1mb
EKA 60.21 319 P 31 33.00 2.8X
1.1s 32.90nm 5.4mb
CAF 60.44 306 eP 31 31.60 -0.3
0.8s 8.50nm 4.9mb
GRR 61.13 311 iPc 31 35 10 -1.4
1.2s 62.90nm 5.6mb
LGR 64.44 305 eP 32 01.50 2.9X
BNG 66.01 258 iPd 32 07.90 -1.2
1.1s 29.00nm 5.3mb
i 32 12.00
TOL 66.58 303 eP 32 16.00 3.6X
BRW 66.78 18 eP 32 15.00 1.8
MBC 68.86 5 eP 32 23.70 -2.4
0.9s 30.00nm 5.4mb
MTD 70.13 232 eP 32 34.00 -0.8
IMA 71.10 21 eP 32 41.50 1.4

LSZ 71.33 236 iPd 32 42.60 0.4
0.8s 6.80nm 4.7mb
KRI 71.47 234 eP 32 42.00 -1.0
GDH 71.81 345 iPd 32 46.20 2.1
1.0s 20.00nm 5.1mb
BAL 72.21 149 eP 32 50.00 3.1X
TTA 72.50 24 eP 33 00.00 11.6X
WRA 73.14 129 Pd 32 55.00 2.4
0.6s 12.70nm 5.1mb
WB2 73.14 129 eP 32 51.50 -1.2
i 32 55.20
MUN 73.20 150 eP 32 52.00 -0.7
FBA 73.65 20 eP 32 56.70 1.7
1.0s 28.80nm 5.2mb
INK 74.26 13 ePc 33 00.40 2.0
NWAO 74.45 150 eP 32 58.00 -1.9
KLG 74.47 146 eP 33 03.00 2.9X
BUL 74.50 232 iP 33 00.70 0.0
0.9s 7.56nm 4.7mb
PME 75.73 23 eP 33 09.00 2.0
1.0s 12.50nm 4.9mb
FRB 79.60 347 eP 33 30.00 1.8
YKA 82.57 8 eP 33 42.80 -1.1
YKC 82.60 8 eP 33 42.50 -1.5
0.6s 14.00nm 5.2mb
KIC 84.12 274 eP 33 53.00 0.3
FFC 91.25 3 eP 34 28.50 2.2
1.3s 21.00nm 5.4mb
ARE 150.62 301 ePKP 41 13.00 4.4X
S.D. = 1.3 on 69 of 89 obs.

& FEB 15, 1985 18h 20m 08.10s
38.785 N 122.795 W
DEPTH = 3.0km
NORTHERN CALIFORNIA (36)
<BRK>. ML 3.4 (BRK).

NWRM 0.34 193 eP 20 15.20 0.4
ZSP 0.94 153 eP 20 26.60 -0.1
e 20 40.00
i 20 42.00
BRK 1.00 155 eP 20 27.80 0.1
e(S) 20 42.60
BKS 1.01 154 eP 20 27.30 -0.5
eS 20 41.40
ORV 1.27 52 e(P) 20 31.10 -1.2
PCC 1.32 166 e(P) 20 32.60 -0.6
i 20 51.30
MHC 1.70 147 e(P) 20 37.90 -1.1
ARN 1.75 145 eP 20 38.00 -1.5
JAS1 2.05 114 e(P) 20 42.50 -1.5
i(S) 21 09.40
SAO 2.28 152 eP 20 44.70 -2.6
10 obs. ossociated

• FEB 15, 1985 21h 45m 32.53± 1.34s
28.856 S ±14.3km 68.549 W ±16.2km
DEPTH = 115.8 ± 22.0 km
LA RIOJA PROVINCE, ARGENTINA (138)

VCA 0.33 69 iPc 45 49.00 -0.5
S 46 00.00
CYA 2.46 81 iPc 46 12.50 0.3
S 46 39.00
ZON 2.68 182 eP 46 17.00 1.8
eS 46 50.00
MDZ 4.02 184 e(P) 47 05.60 32.3X
JACH 4.20 204 iPc 46 36.50 0.8
TCA 4.23 127 eP 46 35.20 -0.9
ROCH 4.62 207 iP 46 42.50 1.0
PEL 4.65 203 iPc 46 40.60 -1.2
i 47 21.50
BACH 4.78 200 iPc 46 44.00 0.4
SLA 4.94 34 ePd 46 46.20 0.4
PCH 5.04 199 iPd 46 48.10 0.9
LNV 5.64 205 iP 46 52.50 -2.8
S.D. = 1.5 on 11 of 12 obs.

• FEB 15, 1985 22h 53m 26.24± 0.99s
25.132 N ± 7.6km 123.454 E ±10.5km
DEPTH = 191.4 ± 8.6 km
4.5mb (7 obs.)
NORTHEAST OF TAIWAN (245)

ANP 1.76 272 eP 54 03.00 1.0
OZH 4.41 269 eP 54 32.50 -1.0
eS 55 27.00

XAN	15.43	308	eP	56	51.50	-3.9X
BJI	16.07	339	eP	57	03.00	0.0
CD2	18.31	293	P	57	28.60	0.1
CN2	18.70	5	eP	57	31.20	-1.2
BTO	19.07	327	eP	57	36.70	0.3
GTA	24.45	311	eP	58	28.70	-0.3
PKI	34.09	283	eP	59	55.10	0.2
KKN	34.19	283	eP	59	56.00	0.4
	0.4s	5.00nm			4.5mb	
WRA	46.04	166	Pd	01	31.30	-1.2
	0.4s	11.60nm			4.7mb	
WB2	46.04	166	iPd	01	33.20	0.7
SOD	69.65	336	iP	04	16.90	0.6
KJF	70.12	332	iP	04	19.00	-0.2
	0.5s	14.00nm			5.0mb	
SUF	71.23	331	iP	04	25.80	-0.1
	0.3s	4.60nm			4.7mb	
NUR	72.64	329	eP	04	34.00	-0.2
HFS	77.74	331	eP	05	03.10	0.1
	0.3s	2.20nm			4.4mb	
NB2	78.35	333	P	05	06.20	-0.2
	0.4s	2.10nm			4.2mb	
YKA	81.29	23	eP	05	22.90	1.0
YKC	81.35	23	eP	05	22.50	0.3
	0.4s	3.00nm			4.4mb	
	S.D. = 0.7	on	19 of	20	obs.	

& FEB 15, 1985 23h 26m 26.50s
33.980 N 116.400 W
DEPTH = 2.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 4.0 (PAS). Felt (V) at Desert Hot Springs, (IV) at Angelus Oaks and Thousand Oaks. Also felt at Palm Springs, Palm Desert and Indio.

TPC	0.32	67	iPd	26	32.40	-0.5
HAY	0.69	113	iPc	26	39.70	-0.6
SDW	0.84	319	P	26	42.00	-1.3
SLBC	1.22	217	iP	26	48.80	-1.1
			eS	27	05.50	
CPE	1.24	208	iPc	26	48.90	-1.4
BAR	1.32	190	iPd	26	50.30	-1.3
IKP	1.35	169	iPc	26	50.40	-1.8
MWC	1.40	280	iPc	26	51.80	-1.3
GLA	1.61	125	P	26	53.60	-2.4
CBX	1.68	188	iPd	26	56.16	-0.8
			S	27	29.63	
ENX	2.10	186	iPd	27	02.32	-0.8
			S	27	31.95	
PBX	2.25	187	iPd	27	04.82	-0.5
			S	27	37.61	
VPEM	2.28	330	P	27	04.00	-1.9
WKTM	2.47	318	P	27	06.40	-2.1
BLP	3.36	281	P	27	19.20	-1.9
FRI	4.04	319	eP	27	30.10	-0.6
			e(S)	28	33.60	
PRI	4.11	303	e(P)	27	31.90	0.1
LLA	4.55	307	e(P)	27	36.60	-1.4
MNA	4.66	343	eP	27	38.60	-1.2
			e(S)	28	58.80	
PRS	4.70	301	e(P)	27	37.70	-2.4
SAO	4.97	305	e(P)	27	44.30	0.3
JAS1	5.11	322	eP	27	45.40	-0.6
			i	27	46.40	
			e(S)	29	05.00	
EUR	5.50	3	iP	27	51.60	-0.1
	0.2s	18.98nm			5.4mb	X
BMN	6.47	354	P	28	05.00	-0.3
ALQ	8.27	81	e(P)	28	29.00	-1.5
	25 obs.	associated				

? FEB 16, 1985 00h 03m 27.45± 1.04s
36.575 N ± 9.6km 25.763 E ±12.8km
DEPTH = 10.0km (geophysicist)
DODECANESE ISLANDS (369)

NPS	1.32	185	ePg	03	51.00	-0.8
			eSg	04	09.00	
ATH	2.15	311	ePn	04	04.80	1.0
			eSb	04	40.40	
PRK	2.70	8	ePb	04	11.50	-0.1
EZN	3.28	8	iPn	04	17.70	-2.1
ELL	3.34	86	ePn	04	22.50	1.6
KZN	4.87	321	ePn	04	43.60	1.1
			ePg	05	07.00	
	S.D. = 1.8	on	6 of	6	obs.	

* FEB 16, 1985 00h 33m 56.18± 0.99s
33.108 S ± 7.3km 68.588 W ±10.0km
DEPTH = 5.0km (geophysicist)
MENDOZA PROVINCE, ARGENTINA (139)

MDZ	0.31	315	iP	34	01.70	-0.8
			i	34	06.70	
CFA	1.53	11	ePc	34	24.50	0.3
			S	34	46.00	
ZON	1.56	357	eP	34	25.00	0.3
			eS	34	46.00	
RFA	1.66	177	ePc	34	25.50	-0.7
			S	34	50.00	
JACH	1.74	284	iPc	34	26.40	-0.9
			iS	34	48.20	
PEL	1.76	268	iPd	34	28.40	0.8
			iS	34	48.50	
TACH	2.04	254	iP	34	32.50	0.9
VCA	4.37	4	ePd	35	14.80	10.0X
			S	36	14.60	
	S.D. = 1.0	on	7 of	8	obs.	

& FEB 16, 1985 00h 42m 39.80s
33.990 N 116.400 W
DEPTH = 1.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.4 (PAS).

TPC	0.31	68	iPd	42	45.70	-0.4
SDW	0.83	318	eP	42	55.00	-1.4
SLBC	1.22	217	eP	43	02.50	-0.9
			eS	43	18.80	
EUR	5.49	3	iP	44	06.00	1.0
	0.2s	3.35nm			4.7mb	X
ALQ	8.27	81	e(P)	45	11.00	27.1
	5 obs.	associated				

? FEB 16, 1985 02h 26m 19.85± 5.40s
16.825 N ±29.1km 100.383 W ±36.9km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF GUERRERO, MEXICO (58)

ACX	0.50	85	iPd	26	30.10	0.0
			iS	26	35.10	
III	1.77	29	iP	26	49.50	-1.4
			iS	27	08.50	
PIO	2.20	101	iP	26	57.00	0.0
			iS	27	21.00	
TPM	2.49	30	iP	27	01.00	-0.2
			iS	27	29.00	
CRX	2.65	14	iP	27	06.40	2.7X
			IS	27	38.30	
IIP	2.87	29	iP	27	08.40	1.6
	S.D. = 1.5	on	5 of	6	obs.	

* FEB 16, 1985 02h 54m 50.22± 0.92s
33.763 S ±11.9km 70.206 W ± 8.7km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

TACH	0.62	280	iPc	55	02.40	-0.2
PEL	0.74	327	iPd	55	04.00	-0.2
			iS	55	14.50	
JACH	1.13	343	iPd	55	10.30	0.5
			iS	55	26.30	
RFA	1.76	125	ePd	55	19.10	0.2
			S	55	41.30	
TCA	5.32	65	e(P)	56	09.20	-0.3
	S.D. = 0.5	on	5 of	5	obs.	

* FEB 16, 1985 02h 56m 33.13± 0.71s
23.819 S ±16.3km 66.809 W ±12.8km
DEPTH = 203.3 ± 12.7 km
4.1mb (1 obs.)
JUJUY PROVINCE, ARGENTINA (128)

SLA	1.50	127	iPc	57	08.80	1.2
			S	57	34.60	
YJA	2.04	37	iPd	57	17.00	3.9X
			S	57	47.40	
FSA	2.37	162	iPd	57	15.50	-0.6
			(S)	57	47.00	
TPZ	2.93	323	iPd	57	22.90	-0.1
ANT	3.31	271	iPc	57	26.80	-0.2
			iS	58	05.30	
LPB	7.35	350	eP	58	07.00	-12.2X
ARE	8.54	328	eP	58	34.00	-0.6
			iS	00	09.00	
VAO	18.23	91	eP	00	32.80	-1.0
			i	00	34.40	
BAO	19.48	69	iPc	00	48.00	1.3
ITR	31.00	66	eP	02	32.40	-1.3
ALQ	69.49	326	eP	07	23.00	1.4
	0.9s	3.57nm			4.1mb	
	S.D. = 1.3	on	9 of	11	obs.	

* FEB 16, 1985 03h 21m 17.27± 1.31s
3.573 N ±20.7km 124.514 E ±25.6km
DEPTH = 310.6 ± 10.3 km
4.6mb (6 obs.)
CELEBES SEA (262)

MNI	2.14	171	iPd	22	06.40	0.0
			eS	22	45.20	
MTN	17.59	158	eP	25	04.00	0.0
	0.3s	26.00nm			5.1mb	
KNA	19.65	168	eP	25	25.00	0.3
WRA	25.29	158	P	26	19.00	1.0
	0.3s	6.70nm			4.5mb	
WB2	25.29	158	eP	26	16.80	-1.3
			eS	36	18.00	
LOE	26.23	303	eP	26	26.50	-0.1
CHG	29.23	303	eP	26	54.00	0.7
PKI	44.27	307	eP	28	58.60	-0.4
	0.4s	14.00nm			4.6mb	
KKN	44.47	307	eP	29	00.20	-0.3
	0.4s	29.00nm			4.9mb	
DMN	44.53	307	eP	29	01.00	0.0
	0.8s	17.00nm			4.4mb	
HYB	47.09	290	eP	29	21.50	0.6
GBA	47.52	285	Pc	29	23.40	-0.7
	0.5s	7.70nm			4.3mb	
ALQ	118.75	47	e(PKP)	39	21.00	-9.9X
ALQ	118.75	47	e(PKP)	39	31.00	0.1
	S.D. = 0.7	on	13 of	14	obs.	

* FEB 16, 1985 05h 50m 56.94± 0.64s
39.790 N ± 6.5km 21.731 E ± 4.6km
DEPTH = 10.0km (geophysicist)
4.0mb (3 obs.)
GREECE (364)
ML 3.6 (ATH).

KZN	0.52	3	iPgd	51	07.00	-0.4
LIT	0.66	62	iPgc	51	10.00	-0.1
			eSg	51	20.30	
THE	1.27	48	Pbc	51	21.10	0.7
GRG	1.27	24	ePbd	51	20.70	0.1
			eSb	51	39.00	
OHR	1.50	332	iPn	51	24.00	0.1
PAIG	1.51	84	ePbc	51	23.20	-0.8
			eSb	51	43.90	
SOH	1.61	50	ePbd	51	26.10	0.5
			eSb	51	48.00	
KNT	1.63	33	ePbo	51	26.10	0.3
			eSb	51	45.80	
VAY	1.66	22	iPn	51	25.70	-0.4
			iSn	51	49.40	
VLS	1.84	209	ePn	51	30.00	-1.2
			eSn	52	04.00	
			eSg	52	11.00	
SRS	1.94	46	ePnc	51	29.80	-0.5
SKO	2.19	354	iPn	51	33.20	-0.7
			i	51	38.00	
			iSn	51	59.80	
LCI	2.95	282	ePn	51	44.00	-0.6
			eSn	52	24.00	
PVY	3.10	335	ePn	51	33.20	-13.7X
TTG	3.23	326	ePn	51	50.00	1.4
			eSn	52	29.00	
IVA	3.37	336	ePn	51	55.10	4.3X
EZN	3.54	88	ePn	51	42.00	-11.0X
BRT	3.63	289	ePn	52	04.50	10.2X
DIM	3.69	51	iP	52	07.00	11.8X
			eSg	53	02.00	
PLE	3.95	334	ePn	52	01.00	2.1
ORI	4.07	275	ePn	52	08.00	7.5X
SGO	4.98	281	ePn	52	12.00	-1.5
DUI	5.83	291	e(Pn)	52	25.00	-0.5
AQU	6.79	295	ePn	52	51.50	12.3X
CTI	9.68	314	ePn	53	13.00	-6.3X
NB2	22.25	346	P	55	50.80	-4.4X

16d 05h

0.7s 1.80nm 3.6mb
EKA 22.71 321 P 56 05.00 5.3X
0.9s 8.10nm 4.2mb
SUF 23.12 5 eP 56 03.00 -0.7
0.7s 3.60nm 4.0mb
KJF 24.70 6 eP 56 16.00 -3.0X
S.D. = 0.9 on 18 of 29 obs.

FEB 16, 1985 06h 33m 40.85± 0.27s
42.851 N ± 2.9km 23.636 E ± 3.1km
DEPTH = 10.0km (geophysicist)
4.5mb (4 obs.)
BULGARIA (359)
ML 4.3 (ATH). Felt (IV) in western Bulgaria.

MMB 0.47 171 iPgc 33 51.00 0.7
Sg 34 04.00
VTS 0.64 330 iPgc 33 52.00 -1.6
iSg 34 00.00
PLD 0.80 86 iPgc 33 57.00 0.7
iSg 34 09.00
SRS 0.93 162 iPgc 33 58.90 0.2
KNT 1.05 212 iPgc 34 00.30 -0.3
VAY 1.08 228 iPn 34 00.00 -1.2
SOH 1.25 190 iPbc 34 04.20 0.2
eSb 34 20.90
KDZ 1.34 107 iPc 34 05.00 -0.6
GRG 1.43 221 iPbc 34 07.00 0.1
iSb 34 26.10
DIM 1.45 90 iPc 34 08.00 0.9
iS 34 26.00
THE 1.50 200 ePbc 34 07.00 -0.8
eSb 34 29.60
PVL 1.58 45 iPd 34 10.00 1.1
SKO 1.64 268 iPn 34 10.50 0.7
i 34 12.00
iSn 34 30.50
PAIG 2.12 179 ePnc 34 17.00 0.2
LIT 2.13 204 ePnc 34 16.60 -0.4
JMB 2.23 78 iP 34 18.00 -0.3
iS 34 47.00
KZN 2.24 220 ePn 34 18.60 0.0
ePg 34 24.50
eSb 34 48.00
OHR 2.33 247 iPn 34 20.00 0.2
CGN 2.73 39 iPc 34 32.00 6.5X
IVA 2.88 288 ePn 34 29.00 1.2
BUC1 2.89 37 eP 34 50.00 22.3X
EZN 3.01 137 iPn 34 29.50 0.0
DMK 3.08 93 iPn 34 29.80 -0.7
SSR 3.13 335 iP 34 30.00 -1.1
TTG 3.27 278 ePn 34 36.00 2.9X
eSn 35 14.00
CMP 3.37 17 ePc 34 34.00 -0.6
PLE 3.38 294 ePn 34 33.50 -1.3
PRK 3.44 144 ePn 34 36.00 0.4
eSn 35 16.80
eSg 35 34.00
BEO 3.61 321 iPn 34 37.80 -0.2
iPb 34 45.10
iPg 34 48.80
iSn 35 18.60
i(Sb) 35 31.40
iSg 35 34.60
EDC 3.62 117 iPn 34 37.80 -0.3
CTT 3.71 102 iPn 34 38.80 -0.6
ISR 3.74 33 iPd 34 41.00 1.1
HCY 3.83 278 ePn 34 43.00 1.8
eSn 35 27.50
BPY 3.86 284 ePn 34 44.00 2.3
eSn 35 28.00
ATH 4.07 179 ePn 34 43.00 -1.5
eSn 35 31.80
eSg 36 01.00
ISK 4.19 102 ePn 34 46.80 0.7
CVO 4.19 25 iPc 34 47.00 0.8
BRD 4.26 34 eP 34 51.00 3.9X
VRI 4.42 29 iPc 34 50.00 0.5
ODB 4.47 32 eP 34 52.00 1.9
YLV 4.57 197 ePn 34 52.50 0.8
CLI 5.20 29 eP 35 00.00 -0.6
BLY 5.42 302 eP 35 23.80 20.2X
BMR 5.62 359 ePd 35 24.00 17.5X
BUD 6.35 330 e(P) 35 15.00 -1.7
JOS 6.80 342 e(P) 35 21.00 -2.1
SRO 6.89 329 e(Pn) 35 26.60 2.3

SOP 7.55 321 iPd 35 34.00 0.5
AQU 7.60 276 ePn 35 09.00 -25.4X
ZST 7.69 325 eP 35 34.60 -0.8
TRI 8.01 300 e(P) 35 44.00 3.9X
e 35 47.50
e 37 05.30
e 37 54.00
VKA 8.08 323 iP 35 41.50 0.5
i 35 56.60
KBA 8.90 308 i(Pn) 35 56.10 3.6X
i 36 02.20
i(Sn) 36 54.10
iSg 37 20.60
i 37 25.50
CTI 9.51 299 ePn 36 00.50 -0.4
KHC 9.98 319 iPc 36 09.50 2.1
e 37 12.50
e 37 54.00
PRU 10.14 325 eP 36 12.00 2.5
NUR 18.50 2 eP 37 55.00 -3.5X
HFS 19.11 345 eP 38 04.20 -1.9
0.7s 4.20nm 3.8mb
NB2 20.46 343 P 38 17.40 -3.6X
0.7s 8.80nm 4.2mb
SUF 20.76 3 eP 38 28.00 4.0X
KJF 22.31 5 eP 38 38.00 -1.7
SOD 25.43 3 eP 39 07.00 -2.8
YKC 70.53 341 eP 44 57.00 -0.3
0.5s 4.00nm 4.8mb
YKA 70.55 341 eP 44 56.40 -1.0
RLO 84.09 314 eP 46 13.00 -0.1
TUL 84.69 315 eP 46 16.30 0.2
1.1s 8.20nm 4.9mb
S.D. = 1.2 on 54 of 66 obs.

? FEB 16, 1985 06h 35m 34.74± 4.65s
11.888 N ±64.4km 87.438 W ±24.6km
DEPTH = 33.0km (normal)
4.6mb (5 obs.)
NEAR COAST OF NICARAGUA (74)

BHO 23.39 344 iPd 40 41.90 0.4
0.7s 13.90nm 4.6mb
TUL 25.08 344 eP 40 57.40 -0.4
0.8s 33.70nm 5.0mb
RLO 25.12 345 eP 40 58.10 -0.2
ALO 28.72 326 eP 41 31.80 0.3
1.0s 3.50nm 4.0mb
LRM 39.95 333 eP 43 08.40 0.4
FFC 44.25 348 iPc 43 42.20 -0.4
0.6s 6.00nm 4.6mb
SCH 45.81 17 eP 43 56.00 0.8
PNT 45.82 331 eP 43 55.00 -0.3
0.6s 4.00nm 4.5mb
FRB 53.47 10 eP 44 53.00 -0.7
S.D. = 0.6 on 9 of 9 obs.

• FEB 16, 1985 06h 57m 35.42± 0.67s
36.608 N ±10.3km 51.911 E ± 8.7km
DEPTH = 33.0km (normal)
4.3mb (4 obs.)
IRAN (348)
Felt in the Cholus area.

TEH 0.97 206 ePd 57 50.50 -2.3
KER 4.52 242 eP 58 46.00 2.5
TAB 4.68 290 eP 58 46.00 0.2
KHI 6.02 112 ePc 59 05.10 0.4
MHI 6.12 91 eP 59 06.00 0.0
eS 00 40.00
SHI 6.96 176 e(P) 59 25.00 7.1X
BHD 7.02 244 eP 00 04.00 45.5X
e 01 19.00
MSL 7.06 271 eP 59 37.50 18.4X
e 01 24.00
QUE 14.09 113 eP 01 02.00 7.0X
NUR 29.55 333 eP 03 37.00 -1.9
SUF 30.58 337 iP 03 47.90 -0.1
GBA 32.35 128 Pc 04 10.20 6.3X
0.9s 2.20nm 4.1mb
HFS 33.86 326 eP 04 16.00 -0.6
0.7s 4.80nm 4.5mb
SOD 34.00 343 eP 04 18.00 0.2
NB2 35.35 327 P 04 28 40 -1.1
0.7s 1.60nm 4.1mb
EKA 41.36 315 P 05 22.00 2.4X
MBC 67.29 358 eP 08 28.50 0.2

0.5s 3.00nm 4.6mb
COL 77.65 8 eP 09 31.00 1.3
YKA 80.65 354 eP 09 47.10 1.2
S.D. = 1.4 on 13 of 19 obs.

• FEB 16, 1985 07h 16m 43.85± 0.71s
2.569 N ± 9.1km 128.906 E ±14.6km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
HALMAHERA (267)

MNI 4.22 255 iPc 17 48.40 1.0
WRA 23.00 167 Pd 21 47.90 0.9
0.5s 5.50nm 4.3mb
WB2 23.00 167 eP 21 46.70 -0.3
GZH 25.37 325 eP 22 11.00 1.3
ASPA 26.53 170 eP 22 20.00 -0.5
LOE 30.48 301 eP 22 54.60 -1.7
e 38 38.00
CHG 33.48 301 eP 23 03.00 -19.5X
XAN 36.44 331 P 23 47.00 -0.6
CD2 36.87 322 eP 23 51.40 0.2
BJI 39.05 344 eP 24 09.50 0.2
LZH 40.61 328 eP 24 23.50 1.0
GTA 45.21 328 P 25 00.00 0.1
HYB 51.55 290 eP 25 42.00 -7.3X
GBA 52.01 285 Pd 25 51.30 -1.4
0.4s 4.20nm 4.8mb
S.D. = 1.1 on 12 of 14 obs.

• FEB 16, 1985 07h 44m 31.44± 0.91s
0.521 N ±10.7km 96.625 E ±10.3km
DEPTH = 33.0km (normal)
4.2mb (4 obs.)
OFF W COAST OF NORTHERN SUMATERA(705)

PSI 3.15 47 iPd 45 20.50 0.6
TSI 3.54 33 ePd 45 26.50 1.1
PPI 3.89 104 iPd 45 25.70 -4.7X
iS 46 07.50
BSI 5.12 345 ePc 45 47.50 -0.3
eS 46 52.50
IPM 5.96 47 ePd 45 58.40 -1.4
0.6s 21.10nm 4.9mb
e 46 17.10
GBA 23.02 305 Pc 49 35.30 0.5
0.6s 1.70nm 3.7mb
WRA 42.17 121 Pc 52 23.30 0.3
0.6s 1.10nm 3.8mb
WB2 42.18 121 eP 52 23.00 -0.1
HFS 86.02 330 eP 57 09.00 -0.7
0.6s 2.50nm 4.6mb
S.D. = 0.9 on 8 of 9 obs.

• FEB 16, 1985 08h 43m 56.07± 0.78s
8.536 S ± 9.7km 115.752 E ± 9.9km
DEPTH = 33.0km (normal)
5.2mb (5 obs.)
BALI ISLAND REGION (283)
Felt.

DNP 0.55 255 iP 44 06.70 -0.7
TRT 3.19 285 iPc 44 45.70 0.6
iS 45 23.00
MKS 4.95 48 iPc 45 09.50 -0.6
LEM 8.24 281 e(P) 46 11.00 14.6X
MBL 13.15 163 iPd 47 00.70 -2.5
0.3s 19.00nm 5.6mb
NAU 13.93 181 eP 47 11.00 -2.4
0.4s 81.00nm 5.8mb
MEK 18.17 172 eP 48 08.00 0.3
0.4s 59.00nm 5.1mb
PSI 20.15 303 ePc 48 34.30 3.8X
WBN 20.31 151 eP 48 33.00 0.9
0.4s 14.00nm 4.7mb
WRA 21.26 124 Pd 48 45.10 3.1X
0.5s 4.00nm 4.1mb X
WB2 21.27 124 eP 48 42.20 0.2
eS 52 35.00
BAL 21.98 178 eP 48 51.00 2.0
KLG 22.77 167 eP 48 58.00 1.2
ASPA 22.99 133 eP 49 00.00 0.9
KLB 23.02 176 eP 49 12.00 12.8X
MUN 23.33 179 eP 49 05.00 2.7X
NWAO 24.31 177 eP 49 19.00 7.2X
MAT 49.55 24 eP 52 45.00 -0.9
1.3s 26.92nm 5.1mb

```
SPA     81.52 180 e(P)  56 12.70    1.1
ITR    149.06 237 ePKP  03 43.20    3.9X
      S.D. = 1.5  on  13 of  20 obs.

*  FEB  16, 1985  09h 21m 03.21± 0.97s
   60.523 N ± 6.3km     5.115 E ±12.0km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN NORWAY                   (535)

ASK      0.06 135 iPg   21 05.10   -0.3
                 iSg   21 06.30
SUE      0.56 342 iPn   21 14.60    0.0
                 iSn   21 21.50
HYA      0.83  39 iPn   21 19.30    0.0
                 iPg   21 20.10
                 iSn   21 31.70
ODD      0.96 126 iPn   21 21.70    0.2
                 eSn   21 35.20
                 iSg   21 36.60
KMY      1.32 177 iPn   21 27.60    0.1
                 iSn   21 44.90
      S.D. = 0.3  on   5 of   5 obs.

   FEB  16, 1985  09h 32m 55.74± 0.92s
   51.201 N ± 6.1km  179.609 W ± 2.9km
   DEPTH =  55.2 ±  7.8 km
   5.0mb ( 50 obs.)
 ANDREANOF ISLANDS, ALEUTIAN IS.  (  7)

ADK      1.95  68 eP    33 27.10    0.2
SMY      4.18 294 eP    34 00.20    1.8
SDN     12.16  63 eP    35 47.20   -1.1
KDC     16.99  57 eP    36 49.50   -1.2
TTA     17.26  38 eP    36 56.20    2.0
PMR     19.62  46 P     37 23.50    1.5
PME     19.68  46 eP    37 20.40   -2.2
IMA     19.87  32 eP    37 24.50   -0.2
COL     21.40  38 eP    37 40.00   -0.3
FBA     21.40  38 P     37 38.50   -1.8
BRW     22.67  19 eP    37 53.80    1.0
INK     27.90  35 ePc   38 40.70   -1.2
MAT     33.25 260 eP    39 30.00    0.4
        1.2s    31.25nm          5.0mb
MBC     33.96  22 iPc   39 35.60    0.4
        0.9s    23.00nm          5.1mb
YKA     35.72  46 eP    39 50.20   -0.2
YKC     35.79  46 ePc   39 50.50   -0.4
        0.7s    11.00nm          4.9mb
CN2     37.08 281 eP    40 00.00   -2.0
PNT     37.47  69 eP    40 06.00    0.7
        0.7s    10.00nm          4.9mb
SNY     39.30 279 eP    40 19.70   -0.9
EDM     39.34  60 eP    40 20.50   -0.4
NEW     39.42  69 eP    40 22.00    0.3
WDC     40.17  82 eP    40 29.00    1.2
MIN     40.89  82 eP    40 38.50    4.6X
ORV     41.41  83 eP    40 42.60    4.6X
SES     41.90  63 eP    40 41.50   -0.4
ALE     42.89  10 ePc   40 49.80    0.1
        0.6s     5.00nm          4.4mb
                 pP    42 26.70 530kmX
JAS1    43.06  84 P     40 53.00    1.4
LRM     43.41  70 eP    40 54.90    0.3
BMN     43.55  79 P     40 57.00    1.3
        0.8s     8.82nm          4.6mb
EUR     44.89  79 iP    41 08.00    1.4
        0.7s     9.18nm          4.7mb
BJI     44.91 282 eP    41 06.50    0.1
SYP     45.48  88 eP    41 19.00    7.8X
ISA     45.70  85 eP    41 15.00    2.2
CLC     46.15  84 eP    41 14.00   -2.3
TIA     46.68 277 eP    41 19.90   -0.6
SBB     46.73  86 eP    41 21.00    0.0
BDW     46.84  72 P     41 22.40    0.5
        1.0s    28.00nm          5.1mb
PAS     46.86  87 eP    41 14.00   -7.9X
MWC     46.88  86 eP    41 23.00    0.7
GSC     46.97  84 eP    41 23.00    0.1
PLM     48.20  86 eP    41 32.00   -0.7
TPC     48.22  85 eP    41 32.00   -0.6
BTO     48.34 286 eP    41 33.00   -0.5
TIY     48.64 282 eP    41 35.50   -0.4
BAR     48.77  87 eP    41 36.00   -0.9
GLA     49.68  85 eP    41 44.00    0.1
RSON    50.97  54 P     41 52.00   -1.4
GOL     51.22  72 P     41 56.30    0.5
DAG     51.72   6 iPc   41 57.60   -1.1

        0.3s     6.49nm          5.1mb
WHN     52.16 273 eP    42 02.00   -0.6
XAN     53.19 280 P     42 09.50   -0.8
FRB     53.44  31 eP    42 11.00   -0.6
ALO     53.63  78 eP    42 13.90    0.2
        1.0s     6.00nm          4.6mb
LHC     54.75  55 eP    42 20.50   -1.0
LZH     54.94 286 eP    42 23.00   -0.3
        1.5s    46.00nm          5.3mb
GTA     55.16 291 iPc   42 24.70   -0.1
                  pP    42 41.00   62kmX
CD2     58.51 281 P     42 48.00   -0.6
WMQ     59.01 302 P     42 51.60   -0.3
LTX     59.18  80 P     42 53.00   -0.3
TUL     59.41  70 eP    42 54.20   -0.5
        1.4s    80.60nm          5.7mb
                  e     43 10.40
RLO     59.69  69 eP    42 56.20   -0.4
                  e     43 08.00
GYA     59.84 276 P     42 57.60   -0.2
SOD     60.11 349 eP    42 58.00   -1.0
SCH     60.49  38 eP    43 01.00   -0.8
JCT     60.76  77 iP    43 03.90   -0.1
        1.0s     5.50nm          4.6mb
KJF     62.98 347 iP    43 17.00   -1.3
        0.8s    19.10nm          5.3mb
                  i     43 35.00
SUF     64.61 347 iP    43 27.90   -1.1
        0.7s    11.60nm          5.0mb
NUR     66.94 347 iP    43 43.00   -0.9
        0.8s    19.10nm          5.2mb
     Z  16s     0.10um          4.1MszX
                 LR     16 30.00
NB2     67.78 354 P     43 48.30   -0.9
        1.1s    26.60nm          5.2mb
UPP     68.42 351 iP    43 52.00   -1.1
        1.0s   100.00nm          5.7mb
HFS     68.50 353 eP    43 52.50   -1.2
        0.8s    17.10nm          5.1mb
CHG     70.26 276 eP    44 05.00    0.0
BDT     71.40 274 eP    44 08.00   -3.9X
KKN     71.89 292 iPc   44 15.60    0.6
PKI     71.98 292 iPc   44 16.20    0.5
        0.8s    36.00nm          5.4mb
DMN     72.13 292 iPc   44 17.10    0.6
        0.8s    36.00nm          5.4mb
EKA     73.79   2 P     44 26.00    0.6
        0.8s    15.80nm          5.0mb
WTS     77.04 356 eP    44 44.00    0.1
CLL     77.31 352 eP    44 45.00   -0.4
BRG     77.65 351 eP    44 47.00   -0.3
        1.2s    24.00nm          5.1mb
KRA     77.75 347 eP    44 48.50    0.6
        0.7s    25.00nm          5.3mb
MOX     78.08 353 eP    44 50.00    0.3
        1.2s    16.00nm          4.9mb
ENN     78.30 356 eP    44 51.00    0.2
        0.8s    39.00nm          5.4mb
MEM     78.46 356 Pc    44 52.90    1.2
PRU     78.47 351 P     44 51.50   -0.3
DOU     79.02 357 Pc    44 55.20    0.4
GRF     79.06 353 eP    44 55.90    0.8
        1.0s    31.00nm          5.2mb
WLF     79.39 356 Pc    44 58.60    1.8
KHC     79.41 351 iP    44 57.50    0.5
        1.0s    17.50nm          4.9mb
ZST     79.95 349 iP    45 00.70    0.8
QUE     80.09 306 iPd   45 02.50    1.3
FLN     80.41   1 iPc   45 02.30    0.0
        1.2s    49.90nm          5.3mb
SOP     80.52 349 eP    45 04.00    1.1
LDF     80.58   0 iPc   45 03.20    0.0
        0.6s    10.80nm          5.0mb
GRR     80.79   1 iPc   45 04.20   -0.1
        0.9s    32.70nm          5.3mb
HAU     81.04 356 eP    45 05.00   -0.7
        0.8s     8.00nm          4.7mb
LPF     81.14   1 iPc   45 06.40    0.3
        0.9s    16.30nm          5.0mb
KBA     81.47 351 iPc   45 08.50    0.4
        1.0s    70.40nm          5.6mb
                  i     45 25.50
                  i     45 31.80
                  i     45 40.60
WB2     81.53 223 eP    45 07.30   -1.2
WRA     81.53 223 Pd    45 08.20   -0.3
        1.2s    13.40nm          4.8mb

LOR     81.87 358 eP    45 10.20    0.2
        1.4s    30.40nm          5.1mb
SSF     82.08 358 eP    45 11.40    0.3
        1.0s     6.80nm          4.6mb
LBF     82.15 358 iPc   45 11.60    0.1
        1.1s     9.90nm          4.7mb
AVF     82.36 358 eP    45 12.90    0.4
        1.2s    21.60nm          5.0mb
SMF     82.49 358 iPc   45 13.60    0.4
        1.0s    24.00nm          5.2mb
PSI     82.56 265 ePd   45 14.50    0.5
MFF     82.58   0 iPc   45 13.90    0.3
        0.8s     8.00nm          4.8mb
BGF     82.60 358 iPc   45 14.20    0.4
        0.9s     9.00nm          4.8mb
CTI     82.65 352 eP    45 14.50    0.3
TCF     82.88 359 iPc   45 15.70    0.4
        1.0s    10.70nm          4.8mb
LSF     82.93 359 iPc   45 15.90    0.4
        1.1s    14.40nm          4.9mb
MZF     82.95 358 iPc   45 16.40    0.8
        1.0s    12.90nm          4.9mb
ORO     83.33 355 eP    45 32.00   14.3X
HYB     83.80 290 eP    45 21.10    0.7
CAF     84.24 359 iPc   45 22.90    0.7
        1.0s    14.80nm          5.0mb
LFF     84.24 360 iPc   45 23.00    0.8
        1.1s    19.80nm          5.1mb
LPO     84.50 359 iPc   45 24.30    0.9
        1.1s    20.60nm          5.1mb
POO     85.66 294 iP    45 29.80    0.1
        0.8s    34.33nm          5.6mb
GBA     87.45 288 Pd    45 38.40    0.0
        0.7s     5.90nm          4.9mb
SPA    141.01 180 e(PKP)52 13.00   -7.1X
      S.D. = 0.9  on 113 of 120 obs.

   FEB  16, 1985  09h 34m 14.12± 0.43s
   44.594 N ± 5.3km   17.287 E ± 5.5km
   DEPTH =   5.0km  (geophysicist)
 YUGOSLAVIA                        (383)
      ML 3.7 (KBA), 3.4 (VKA). Felt
      (V) in the epicentral area.

BLY      0.17 335 iPg   34 14.60   -3.1
                 iSg   34 18.60
BRY      1.92 151 ePn   34 47.20   -0.7
                 eSn   35 13.00
PLE      1.98 129 ePn   34 49.50    0.8
                 eSn   35 47.00
BEO      2.27  83 iPn   34 57.30    4.5X
                 iSn   35 28.40
                 iSg   35 34.80
HCY      2.32 157 ePn   34 54.60    1.0
                 eSn   35 23.00
CEY      2.32 301 ePn   34 54.20    0.5
                   i   34 56.50
                 eSn   35 24.60
                 eSg   35 32.90
LJU      2.42 308 ePn   34 56.30    1.3
      1.0s  1600.00nm
                   e   34 57.70
                   i   35 00.90
                 eSn   35 26.30
                 eSg   35 36.30
BDV      2.57 154 ePn   35 00.20    3 1X
                 eSn   35 32.50
TTG      2.60 146 ePn   34 59.40    2.0
                 eSn   35 32.00
TRI      2.73 295 iPnd  35 00.70    1 3
                 iPg   35 05.00
                 iSn   35 31.70
                 iSg   35 43.50
                   i   35 51.60
VOY      2.79 302 ePn   35 03.10    2.7X
                 e(Sn) 35 35.60
                 iSg   35 48.00
SOP      3.13 351 e(P)c 34 59.00   -6.0X
BUD      3.13  22 ePc   35 15.00   10.0X
      1.2s     26.50nm
SSR      3.19  84 eP    35 04.00   -1 9
SRO      3.30  12 ePn   35 08.80    1 4
                 e(Pg) 35 34.00
                 e(Sn) 36 04.00
                 i(Sg) 36 37.20
OUI      3.59 216 ePn   35 14.50    3 0X
ZST      3.61 358 iPc   35 12.40    0 6
```

16d 09h

		i	35 28.60			
		i	36 07.50			
		i	36 20.70			
		i	36 39.60			
KBA	3.71	313 iPnd	35 14.40	0.9		
		i(Pg)	35 24.60			
		i	35 32.90			
		iSn	35 56.30			
		i	35 58.90			
		iSg	36 16.40			
BRT	3.72	181 ePn	35 29.00	15.6X		
VKA	3.73	350 iPgc	35 14.80	1.2		
		i	35 19.30			
		iSg	35 53.00			
		i	36 02.00			
CLO	3.95	81 eP	35 35.50	18.8X		
SKO	4.01	129 iPn	35 16.20	-1.3		
MNS	4.01	238 ePn	35 16.50	-1.0		
		eSn	35 57.50			
CTI	4.23	292 ePn	35 21.00	0.2		
SGO	4.29	261 ePn	35 22.50	1.0		
OHR	4.33	142 iPn	35 23.10	0.9		
JOS	4.50	29 eP	35 19.00	-5.5X		
ORI	4.58	188 ePn	35 24.50	-1.2		
SAL	4.89	284 ePn	35 28.00	-2.1		
OGA	4.94	300 eP	35 32.60	1.7		
		i	35 46.10			
VAY	5 07	128 ePn	35 31.40	-1.2		
KHC	5.20	332 iPnc	35 34.50	0.0		
	0.7s	12.00nm		4.6mb X		
		e	36 34.30			
		e	38 39.50			
OSS	5.43	295 eP	35 38.10	0.2		
WET	5.46	328 iPc	35 47.10	8.9X		
FUR	5.48	313 eP	35 37.90	-0.5		
PRU	5.71	342 ePn	35 50.50	8.9X		
		eSn	37 09.50			
VDL	5.81	292 eP	35 43.30	0.1		
LLS	6.23	294 eP	35 50.60	1.4		
GRF	6.56	323 ePn	35 52.80	-0.9		
ORO	6.67	282 ePn	35 51.00	-4.2X		
BRG	6.67	341 e(P)	36 11.00	15.8X		
		e	37 51.50			
DIX	7.12	286 eP	36 00.50	-1.2		
MOX	7.16	330 e(P)	36 06.00	3.9X		
		e	37 33.00			
		e	38 11.00			
EMS	7.45	285 eP	36 04.80	-1.4		
S.D = 1.3 on 30 of 44 obs.						
• FEB 16, 1985 09h 49m 52.76± 0.86s						
18.834 S ±11.7km 169.424 E ±11.1km						
DEPTH = 266.4 ± 9.9 km						
4 6mb (4 obs.)						
VANUATU ISLANDS (186)						
PVC	1.52	316 iPd	50 31.50	-1.5		
		iS	51 02.50			
NOU	4.44	218 iPc	51 03.00	0.1		
		iS	51 51.00			
KOU	5.14	250 iPd	51 12.20	0.9		
		iS	52 16.40			
VUN	8.62	86 eP	51 55.00	0.3		
HNR	13.10	314 ePd	52 52.00	1.3		
	0.9s	168.07nm		5.3mb		
VSG	13.39	314 eP	52 55.00	0.7		
SVO	13.40	315 eP	52 57.00	2.7X		
COO	19.73	230 eP	54 05.00	0.9		
CAN	24.42	224 eP	54 49.40	0.3		
WB2	33.07	262 eP	56 04.20	-1.5		
WRA	33.08	262 Pc	56 04.10	-1.7		
	0.7s	6.90nm		4.4mb		
ASPA	33.40	255 iPd	56 08.00	-0.5		
	0.3s	239.00nm		6.3mb X		
WBN	40.11	252 iPd	57 05.20	0.7		
	0.4s	18.00nm		4.8mb		
SPA	71.28	180 eP	00 49.30	4.3X		
	0.8s	4.17nm		4.2mb		
S.D = 1.2 on 12 of 14 obs.						
• FEB 16, 1985 11h 16m 29.17± 0.60s						
30 618 N ±10.2km 85.586 E ±10.1km						
DEPTH = 33.9km (normal)						
4 3mb (3 obs.)						
TIBET (306)						
NDI	7.53	257 iPc	18 20.40	0.9		

	0.6s	46.67nm		5.7mb X		
		eS	19 45.60			
		e	19 48.50			
HYB	14.62	208 eP	19 56.00	0.4		
POO	16.07	224 eP	20 14.00	-0.3		
CHG	16.88	131 eP	20 23.50	-1.0		
GBA	18.53	206 P	20 52.00	7.0X		
	0.6s	3.40nm		3.7mb		
BJI	26.56	61 eP	22 08.00	2.2		
NB2	56.24	326 P	26 07.00	-1.3		
	0.8s	2.40nm		4.3mb		
M8C	72.24	6 eP	27 52.00	-0.4		
COL	76.17	21 e(P)	28 15.00	-0.3		
YKA	85.80	9 eP	29 06.30	0.1		
YKC	85.84	9 eP	29 06.00	-0.3		
	0.5s	4.00nm		4.9mb		
S.D. = 1.1 on 10 of 11 obs.						
FEB 16, 1985 13h 48m 46.46± 0.39s						
23.261 S ±11.0km 175.014 W ± 6.2km						
DEPTH = 42.3km (7 depth phases)						
5.2mb (15 obs.) 5.3Msz (3 obs.)						
TONGA ISLANDS REGION (174)						
CENTROID, MOMENT TENSOR (HRV)						
Data Used: GDSN						
L.P.B.: 13S, 22C						
Centroid Locotion:						
Origin Time 13:48:49.4 0.6						
Lat 23.49S 0.06 Lon 175.00W 0.07						
Dep 10.0 FIX Half-duration 1.6						
Moment Tensor; Scale 10**24 D-CM						
Mrr= 0.83 0.04 Mtt=-0.05 0.04						
Mff=-0.79 0.05 Mrt= 0.16 0.12						
Mrf= 1.14 0.15 Mtf=-0.33 0.04						
Principoi Axes:						
T Vol= 1.42 Plg=63 Azm=270						
N 0.05 7 13						
P -1.47 26 106						
Best Double Couple:Mo=1.4**24						
NP1:Strike=212 Dip=20 Slip= 110						
NP2: 11 72 83						
NUE	6.31	50 P	50 11.00	-8.5X		
		S	51 19.00			
RAO	6.51	203 P	50 25.50	3.3X		
		S	51 35.00			
SVA	7.97	309 eP	50 42.30	-0.3		
VUN	8.04	309 ePd	50 43.50	-0.1		
		eS	53 16.90			
AFI	9.79	19 P	50 59.00	-8.9X		
		S	52 46.00			
RAR	14.26	85 P	52 01.00	-6.6X		
		S	54 32.00			
PVC	16.55	286 iPc	52 37.90	0.7		
NOU	17.12	270 iPc	52 45.00	0.7		
KOU	19.40	274 iPc	53 05.20	-6.7X		
TCW	20.03	204 P	53 11.00	-7.6X		
MSZ	25.52	209 P	54 13.70	1.1		
		e	54 36.00	103kmX		
HNR	27.62	296 e(P)	54 30.00	-2.1		
CTA	36.06	267 iPc	55 42.90	-3.2X		
	0.6s	20.00nm		5.2mb		
		iS	01 27.00			
ASPA	46.65	259 eP	57 10.00	-2.9		
WB2	47.01	264 eP	57 11.10	-4.6X		
WRA	47.02	264 Pc	57 11.10	-4.7X		
	0.5s	9.70nm		5.0mb		
MTN	51.99	272 eP	57 50.00	-4.1X		
WBN	52.76	254 eP	57 56.00	-3 8X		
	0.5s	13.00nm		5.2mb		
KNA	53.25	267 eP	58 00.00	-3.4X		
KLB	59.44	246 eP	58 44.00	-3.5X		
RKG	59.65	243 eP	58 45.00	-3.9X		
BAL	60.50	247 eP	58 51.00	-3.8X		
MUN	60.67	245 eP	58 53.00	-2.9		
NAU	63.41	256 eP	59 12.00	-2.3		
SPA	66.88	180 eP	59 36.60	0.3		
	1.1s	14.88nm		5.0mb		
MAT	74.07	322 iPc	00 18.60	-1.4		
	0 7s	6.85nm		4.7mb		
Z	20s	0.89um		5.1Msz		
		eS	09 50.00			
BAG	74.27	296 eP	00 18.00	-3.7X		
LEM	75.75	269 ePd	00 30.00	-0.3		
SYP	77.67	44 eP	00 32.00	-8.5X		
MHC	78.45	41 eP	00 46.50	1.7		
ARN	78.53	41 P	00 42.00	-3.0		

SLD	78.53	41 P	00 45.00	-0.1		
MWC	78.71	45 eP	00 47.00	0.6		
PLM	78.97	46 eP	00 46.00	-1.8		
		e	01 06.00	74kmX		
RVR	79.02	46 eP	00 44.00	-3.8X		
SBB	79.15	45 eP	00 47.00	-1.6		
ISA	79.34	44 eP	00 50.00	0.4		
WKTM	79.44	44 P	00 50.00	-0.1		
JAS1	79.57	41 eP	00 51.70	1.0		
		i	01 04.70	44km		
TPC	79.96	46 eP	00 52.00	-0.9		
		e	01 06.00	48km		
ORV	80.00	39 eP	00 53.20	0.3		
WDC	80.08	38 eP	00 52.00	-1.3		
		i	01 07.50	55kmX		
GLA	80.16	48 eP	00 54.00	0.0		
GSC	80.19	45 eP	00 54.00	-0.2		
MIN	80.46	38 eP	00 56.00	0.5		
MNA	81.27	42 eP	01 01.00	1.1		
BMN	83.08	41 P	01 08.50	-0.7		
	1.0s	20.00nm		5.1mb		
KGM	83.14	275 ePc	01 10.00	0.1		
EUR	83.26	42 iP	01 11.20	1.0		
	0.3s	7.31nm		5.2mb		
BFW	83.74	33 P	01 12.00	-0.3		
CN2	86.17	321 eP	01 24.40	0.0		
		pP	01 36.00	38km		
		eS	11 52.00			
LTX	86.25	56 P	01 26.00	0.7		
IPM	86.26	277 ePd	01 25.50	0.0		
		e	01 36.90	37km		
ALQ	87.00	50 eP	01 29.00	0.1		
	1.0s	15.75nm		5.2mb		
Z	18s	1.72um		5.5Msz		
		e	01 42.20	44km		
PMR	87.09	12 P	01 28.00	-0.5		
TIA	87.17	311 Pd	01 30.80	1.3		
TTA	87.21	9 P	01 27.80	-1.3		
	1.0s	26.25nm		5.4mb		
PNT	87.43	33 eP	01 31.00	0.6		
	1.0s	29.00nm		5.5mb		
PSI	87.44	274 eP	01 31.00	-0.2		
BDW	89.10	42 P	01 37.00	-1.9		
	1.0s	6.00nm		4.9mb		
BJI	89.79	314 eP	01 43.00	1.2		
COL	90.36	11 eP	01 43.00	-1.0		
FBA	90.36	11 P	01 43.00	-1.0		
	1.0s	25.00nm		5.5mb		
GYA	90.41	299 P	01 46.80	1.6		
NNT	90.61	283 eP	01 48.00	1.9		
LOE	90.78	289 eP	01 47.00	0.1		
TIY	91.17	311 P	01 49.00	0.6		
BSI	91.84	275 ePd	01 54.90	3.1X		
XAN	92.00	306 eP	01 52.60	0.4		
SES	92.49	35 eP	01 54.00	-0.1		
KHT	92.50	285 eP	01 56.30	1.5		
EDM	92.94	32 eP	01 56.50	0.4		
KMI	93.06	296 eP	01 59.00	1.5		
BDT	93.10	287 eP	01 56.00	-1.5		
	0.8s	25.90nm		5.7mb		
CHG	93.77	289 iPc	02 02.20	1.6		
	0.7s	7.19nm		5.2mb		
BTO	94.18	312 eP	02 03.00	0.8		
CD2	94.60	302 eP	02 05.60	1.3		
TUL	95.14	53 eP	02 06.80	0.2		
	1.2s	19.70nm		5.4mb		
Z	18s	0.94um		5.3Msz		
		e	02 20.60	46km		
BHO	95.20	55 e(P)	02 20.80	14.0X		
	1.7s	23.10nm				
RLO	95.82	53 e(P)	02 11.40	1.7		
		e	02 23.60	40km		
INK	96.22	14 eP	02 12.00	1.2		
LZH	96.64	306 eP	02 14.00	0.4		
YKA	97.87	24 eP	02 30.40	12.1X		
GTA	100.86	308 ePdiff	02 33.40	0.8		
BUL	131.09	210 ePKP	07 59.00	2.8X		
	1.0s	5.00nm				
KJF	136.41	346 ePKP	08 07.00	2.2X		
SUF	138.05	346 ePKP	08 04.00	-3.9X		
NUR	140.33	345 ePKP	08 10.00	-2.1X		
NB2	142.00	355 PKP	08 10.00	-5.2X		
	1.0s	3.80nm				
HFS	142.65	353 (PKP)	08 11.20	-5.0X		
	0.5s	2.30nm				
MUD	146.70	356 iPKPc	08 25.60	2.5X		
	0.9s	16.00nm				

			i	08	37.00	
COP	147.15	352	iPKP	08	26.00	2.1X
	0.7s		21.92nm			
EKA	147.40	9	PKP	08	33.00	8.7X
	1.1s		16.60nm			
WIT	150.47	358	ePKP	08	36.00	6.9X
			e	08	49.00	
KRA	150.80	340	ePKP	08	35.50	5.8X
			e	08	38.00	
			e	08	48.30	
KSP	151.10	345	iPKPc	08	36.80	6.6X
WTS	151.28	358	ePKP	08	37.00	6.7X
	0.6s		6.00nm			
			e	08	46.00	
			e	08	49.00	
CLL	151.32	349	ePKP	08	37.00	6.5X
			i	08	49.70	
			e	11	08.00	
BRG	151.57	348	iPKP	08	36.40	5.5X
			i	08	49.90	
			e	11	18.50	
JOS	151.95	338	ePKP	08	38.00	6.5X
MOX	152.18	351	e(PKP)	08	40.00	8.2X
PRU	152.29	347	ePKP	08	39.00	7.0X
	Z 17s		0.70um		5.5MszX	
ENN	152.53	359	ePKP	08	42.50	10.3X
DOU	153.21	1	ePKP	08	44.10	10.9X
KHC	153.30	347	iPKPd	08	41.90	8.4X
	1.0s		10.00nm			
			e	08	56.00	
			e	09	06.10	
ZST	153.31	342	ePKP	08	42.80	9.4X
KBA	155.30	346	ePKP	08	31.50	-4.9X
			i	09	02.50	
BNG	157.16	217	iPKPc	08	48.20	8.5X
	0.9s		9.00nm			
			i	09	10.20	
	S.D. = 1.2		on 63 of 108 obs.			

? FEB 16, 1985 14h 01m 50.27± 0.93s
18.441 S ±21.2km 178.035 E ±20.0km
DEPTH = 337.6 ± 9.4 km
4.3mb (1 obs.)
FIJI ISLANDS (182)

SVA	0.52	51	eP	02	34.30	0.0
NOU	11.53	249	iP	04	35.90	8.2X
WB2	41.20	261	iPc	09	04.00	-0.7
WRA	41.21	261	P	09	05.00	0.2
	0.4s		7.40nm		4.3mb	
KNA	47.06	265	eP	09	52.00	0.9
NAU	58.36	254	eP	11	03.00	-10.4X
CN2	78.42	324	eP	13	16.40	0.9
			i	13	26.60	
TIA	79.15	314	eP	13	18.60	-0.9
PSI	80.54	276	ePc	13	23.50	-3.8X
BJI	81.82	317	(P)	13	34.00	0.6
XAN	83.92	309	eP	13	45.00	0.8
AIA	84.29	158	eP	13	45.60	0.1
BDT	85.41	290	eP	13	48.00	-3.8X
CHG	86.02	291	eP	13	54.00	-0.8
GTA	92.79	311	eP	14	25.00	-1.1
	S.D. = 0.9		on 11 of 15 obs.			

• FEB 16, 1985 14h 26m 34.71± 0.66s
23.560 S ±12.7km 175.283 W ±11.9km
DEPTH = 33.0km (normal)
4.9mb (5 obs.)
TONGA ISLANDS REGION (174)

SVA	7.97	312	eP	28	31.60	0.4
VUN	8.05	312	eP	28	32.50	0.3
NOU	16.87	271	iPd	30	38.50	8.5X
MSZ	25.14	209	eP	31	59.00	0.8
WB2	46.73	264	eP	35	01.20	-1.6
WRA	46.74	264	P	35	02.00	-0.9
	0.3s		5.00nm		5.0mb	
NAU	63.09	256	eP	37	02.00	0.5
SPA	66.58	180	eP-	37	27.80	4.1X
	0.8s		4.17nm		4.6mb	
EUR	83.64	42	iP	39	01.50	-0.1
	0.2s		5.58nm		5.4mb	
CN2	86.25	321	Pc	39	14.50	0.3
TIA	87.18	312	eP	39	19.60	0.7
PSI	87.21	274	ePc	39	20.90	1.4
ALQ	87.38	50	eP	39	20.00	-0.2
	1.0s		3.00nm		4.5mb	
PNT	87.81	33	eP	39	22.00	0.4
	0.8s		8 00nm		5.1mb	
COL	90.70	11	eP	39	34.00	-0.9
XAN	91.98	306	eP	39	43.00	1.5
BDT	92.96	287	eP	39	46.00	-0.2
KMI	92.96	296	Pd	39	44.00	-2.5
CHG	93.63	289	eP	39	52.00	2.7X
YKA	98.24	24	eP	39	49.80	-19.5X
MBC	105.24	12	ePdiff	40	53.50	13.0X
NB2	142.27	355	PKP	46	00.00	-5.1X
	0.7s		0.90nm			
KRA	151.00	340	ePKP	46	25.50	6.0X
KSP	151.32	345	iPKPd	46	26.80	6.9X
CLL	151.57	349	iPKP	46	27.10	6.8X
BRG	151.81	348	iPKP	46	27.80	7.1X
	0.8s		16.00nm			
KHC	153.54	347	PKP	46	32.50	9.3X
			i	46	43.70	
	S.D. = 1.1		on 16 of 27 obs.			

• FEB 16, 1985 14h 44m 01.19± 0.67s
15.352 N ± 9.3km 121.470 E ±12.3km
DEPTH = 33.0km (normal)
5.0mb (6 obs.)
LUZON, PHILIPPINE ISLANDS (249)

MAN	0.79	209	ePc	44	47.50	31.7X
			eS	45	00.00	
OCP	0.81	208	eP	44	22.00	5.9X
BAG	1.36	321	iPd-	44	23.80	-0.4
MAP	5.57	154	iPd	45	26.00	2.1
			iS	46	02.00	
DAV	9.15	153	eP	46	21.50	7.6X
HKC	9.77	316	eP	46	14.00	-8.5X
GZH	10.86	316	eP	46	34.50	-3.0
WHN	16.47	338	eP	47	54.00	2.6
NJ2	16.79	352	eP	47	58.80	3.3X
GYA	17.69	311	P	48	08.80	2.0
LOE	19.05	279	eP	48	24.50	1.0
KMI	20.06	302	Pc	48	35.00	0.1
			pP	48	47.00	54kmX
BDT	21.65	278	eP	48	49.00	-1.8
XAN	21.78	331	eP	48	51.70	-0.5
CHG	21.80	282	eP	48	54.00	1.5
KHT	22.10	272	eP	48	58.20	2.8X
CD2	22.42	317	iPd	48	59.50	0.9
TIY	23.67	342	eP	49	11.50	0.8
BJI	25.03	350	eP	49	22.50	-1.2
PSI	25.53	243	ePc	49	30.20	1.5
LZH	25.96	326	eP	49	34.50	1.8
	1.6s		81.00nm		5.1mb	
SNY	26.45	4	eP	49	39.10	2.2
BTO	27.06	341	eP	49	43.00	0.3
GTA	30.57	326	eP	50	13.60	-0.6
PKI	35.56	296	eP	50	57.30	-0.7
	1.2s		18.00nm		4.9mb	
KKN	35.72	296	eP	50	58.70	-0.5
	1.2s		36 00nm		5.2mb	
DMN	35.83	296	eP	50	59.90	-0.3
	1.2s		21.00nm		4.9mb	
WRA	37.29	160	P	51	11.00	-1.1
	0.5s		10.30nm		4.9mb	
WB2	37.29	160	eP	51	09.20	-2.9X
ASPA	40.64	162	eP	51	39.00	-1.0
HYB	41.16	279	eP	51	47.50	3.0X
QUE	51.94	296	eP	53	09.00	-0.6
MHI	58.58	303	eP	53	58.00	0.5
SOD	77.81	337	eP	55	47.00	-9.5X
KJF	77.94	333	eP	55	59.00	1.7X
SUF	78.91	332	eP	56	01.00	-1.6
MBC	81.78	12	eP	56	17.00	-0.7
JOS	85.71	319	eP	56	36.60	-1.6
NB2	86.14	333	P	56	38.20	-1.9
	1.0s		10.10nm		5.0mb	
	S.D. = 1.5		on 29 of 39 obs.			

• FEB 16, 1985 15h 25m 50.45± 0.70s
10.142 S ± 7.7km 117.381 E ±11.1km
DEPTH = 33.0km (normal)
4.6mb (4 obs)
SOUTH OF SUMBAWA ISLAND (291)

TRT	5.28	297	iPc	27	09.70	0.6
			iS	28	13.60	
MKS	5.31	23	iPc	27	10.50	0.9
MBL	11.21	168	eP	28	30.00	-1.5
NAU	12.46	188	iPc	28	47.20	-1.2
	0.5s		18.00nm		5.4mb	
MEK	16.42	176	eP	29	40.00	-0.1
	0.6s		64.00nm		4.9mb	
WBN	18.14	153	eP	30	03.00	1.4
	0.8s		12.00nm		4.1mb	
WRA	19.04	123	Pd	30	12.20	-8.5
	0.7s		14.10nm		4.3mb	
WB2	19.05	123	eP•	30	12.50	-0.3
			eS	33	30.70	
PPI	19.44	299	e(P)	30	11.20	-6.1X
BAL	20.37	182	eP	30	28.00	0.9
ASPA	20.72	133	eP	30	31.00	0.2
KLG	20.89	170	eP	30	34.00	1.6
KLB	21.35	179	eP	30	47.00	9.9X
MUN	21.76	183	eP	30	52.00	10.8X
PSI	22.37	304	ePd	30	50.80	3.4X
NWAO	22.68	180	eP	3[illegible]	03.00	12.7X
BJI	49.94	359	P	34	41.00	-2.1
	S.D. = 1.3		on 12 of 17 obs.			

• FEB 16, 1985 15h 35m 21.24± 1.83s
3.635 S ±18.4km 139.842 E ±13.4km
DEPTH = 33.0km (normal)
4.2mb (1 obs.)
WEST IRIAN (201)

TZZ	2.13	140	eP	35	55.50	0.3
MTN	12.57	223	eP	38	20.00	-0.6
KNA	16.24	221	eP	39	10.00	1.4
WB2	17.07	198	eP	39	19.50	0.4
			i	39	22.60	
			eS	42	22.30	
WRA	17.08	198	Pd	39	18.50	-0.7
	0.6s		12.40nm		4.2mb	
ASPA	20.73	196	eP	40	01.00	-0.6
PSI	41.38	278	ePc	43	06.20	-0.1
	S.D. = 0.9		on 7 of 7 obs.			

FEB 16, 1985 18h 28m 12.05± 0.24s
39.976 N ± 3.7km 142.761 E ± 4.3km
DEPTH = 41.9km (9 depth phases)
5.2mb (47 obs.) 4.5Msz (1 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (II JMA) at Morioka and
Miyako and (I JMA) at Aomori and
Hachinohe.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 8S, 15C
Centraid Lacation:
Origin Time 16:28:14.9 1.2
Lat 39.69N 0.12 Lon 142.69E 0.16
Dep 38.7 9.5 Half-duration 1.4
Moment Tensor; Scole 10**23 D-CM
Mrr= 3.24 0.32 Mtt= 0.38 0.38
Mff=-3.62 0.50 Mrt= 0.60 0.61
Mrf= 3.53 1.04 Mtf=-1.86 0.52
Principal Axes:
T Val= 4.73 Plg=66 Azm=264
N 1.00 9 15
P -5.73 22 109
Best Double Couple:Mo=5.2•10**23
NP1:Strike=216 Dip=25 Slip= 112
NP2: 12 67 80

MIY	0.69	242	iPd	28	25.30	-0.2
			iS	28	34.70	
MIY	0.69	242	iPd	28	30.20	4.7X
			eS	28	42.30	
OFU	1.22	222	iPd	28	34.40	1.5
			S	28	49.60	
MRK	1.26	258	Pd	28	34.30	0.9
			iS	28	46.60	
AOM	1.73	300	P	28	40.70	0.6
			eS	29	02.00	
ISN	1.92	217	eP	28	44.00	1.2
			S	29	08.00	
AKI	2.06	264	eP	28	47.00	2.1
			eS	29	14.00	
URA	2.18	0	eP	28	49.00	2.4
			eS	29	15.00	
SEN	2.24	221	eP	28	49.00	1.5
			S	29	16.80	
HAK	2.38	321	Pd	28	50.00	0.6
			iS	29	17.80	
YAM	2.54	228	eP	28	54.00	2.2
			S	29	25.40	

16d 16h

FYS	2.84	220	eP	29	00.00	3.9X	SUF	65.84	333	iP	38	53.70	-1.2	EMS	85.66	331	eP	40	47.70	0.0
			e	29	35.00			0.7s	22.90nm			5.3mb		LOR	85.74	333	iPc	40	47.90	0.1
GBI	2.96	7	eP	29	02.00	4.3X	EDM	66.40	40	eP	38	58.50	-0.2		0.1s	28.50nm				6.4mb X
			eS	29	36.00		NEW	67.30	45	eP	39	05.00	0.5	LDF	85.89	336	eP	40	48.50	0.0
SAP	3.26	341	eP	29	02.00	0.1	NUR	67.86	332	iP	39	06.40	-1.3	LBF	85.95	333	iPc	40	49.10	0.2
			eS	29	40.00			0.6s	18.30nm			5.3mb			0.9s	17.20nm				5.3mb
ASA	3.80	356	eP	29	13.00	3.4X		Z 20s	0.30um			4.5Msz		SSF	86.04	333	iPc	40	49.70	0.4
			S	29	52.00				i		39	19.10	44km		0.9s	18.60nm				5.3mb
TSK	4.30	210	eP	29	15.80	-1.0			LR		10	40.00		SMF	86.29	333	iPc	40	50.90	0.4
DDR	4.87	216	eP	29	25.60	0.8	FFC	70.67	34	eP	39	25.00	-0.1		1.0s	22.80nm				5.4mb
			e	30	21.00			0.8s	9.00nm			4.8mb		GRR	86.29	337	iPc	40	50.90	0.4
MAT	4.96	228	iPc	29	27.90	1.9	HFS	71.84	336	iPc	39	31.10	-0.9		0.9s	18.80nm				5.3mb
			eS	30	26.00			0.7s	30.50nm			5.4mb		AVF	86.33	333	iPc	40	51.30	0.6
SRY	5.16	213	eP	29	28.20	-0.6	BMN	71.86	52	eP	39	34.00	1.3		0.8s	39.70nm				5.7mb
KYS	5.20	204	eP	29	30.00	0.6		0.7s	0.67nm			3.7mb	X	LPF	86.67	337	iPc	40	52.90	0.6
OYM	5.33	213	eP	29	31.70	0.3	NB2	71.88	337	P	39	31.40	-0.9		0.8s	10.90nm				5.1mb
SHK	9.70	239	ePc	30	33.00	0.9		0.7s	25.80nm			5.3mb		BGF	86.71	334	eP	40	53.10	0.5
MDJ	10.80	300	eP	30	46.50	-0.6	FRB	73.67	14	ePc	39	42.00	-0.6		0.8s	7.90nm				5.0mb
CN2	13.45	292	Pc	31	22.00	-0.5	SBB	74.99	57	eP	39	51.00	0.1	MZF	87.10	334	iPc	40	55.40	0.9
			sP	31	34.00		GSC	75.27	56	eP	39	52.00	-0.5		0.9s	15.70nm				5.2mb
SNY	14.63	283	eP	31	38.20	0.3	TPC	76.50	57	eP	40	04.00	4.5X	TCF	87.16	334	iPc	40	55.40	0.6
SSE	19.63	250	eP	32	36.00	-3.9X	KRA	77.25	326	iPc	40	03.40	0.2		0.8s	7.60nm				5.0mb
TIA	20.50	268	Pd	32	45.60	-3.4X		0.6s	39.00nm			5.6mb		LSF	87.42	334	iPc	40	56.60	0.6
TIY	23.68	274	eP	33	19.20	-1.5			e		40	15.80	42km		0.9s	24.80nm				5.5mb
HHC	23.71	282	eP	33	19.80	-1.2	GLA	77.96	57	eP	40	05.00	-2.5	MFF	87.66	335	iPc	40	57.70	0.5
WHN	24.95	257	P	33	32.00	-0.9	KSP	78.15	329	iPc	40	08.50	0.3		1.0s	28.00nm				5.5mb
XAN	27.56	268	eP	33	54.80	-2.2		0.8s	25.00nm			5.3mb		LMR	88.14	330	eP	41	00.80	1.3
GZH	30.02	245	P	34	18.50	-0.6	JOS	78.15	325	eP	40	08.50	0.3	RJF	88.25	334	eP	41	01.10	1.0
GZH	30.73	275	eP	34	23.50	-2.8	BRG	79.65	330	eP	40	13.00	-0.1	CAF	88.40	333	iPc	41	01.90	1.1
GTA	32.82	283	iPd	34	43.60	-0.1		1.1s	19.00nm			5.0mb			0.8s	7.20nm				5.0mb
			PcP	37	28.50		CLL	79.07	331	iPc	40	13.00	-0.2	LFF	88.84	334	eP	41	03.90	1.1
			PcS	41	13 40				i		40	25.60	43km		0.8s	10.90nm				5.2mb
CDC	32.82	266	eP	34	41.60	-2.1	PRU	79.52	329	P	40	16.00	0.3	LPO	88.91	334	eP	41	04.70	1.5
GYA	32.84	257	Pc	34	42.80	-1.2	SRO	79.65	326	eP	40	18.00	1.6	JCT	89.01	50	eP	41	12.00	8.0X
KMI	36.52	258	iPc+	35	15.00	-0.6	ZST	79.87	326	eP	40	18.50	0.9	LPB	144.46	58	ePKP	47	41.00	-5.3X
WMQ	40.53	294	eP	35	49.00	0.3	MOX	80.12	331	e(P)	40	19.00	0.1				e	48	39.00	
			pP	35	59.50	36km	HOF	80.29	331	iPc	40	20.00	0.2	TPZ	147.49	65	(PKP)	48	03.00	11.9X
LOE	41.95	250	eP	35	59.00	-1.5		1.0s	22.00nm			5.1mb		ITR	148.90	2	ePKP	47	56.70	3.6X
TTA	42.41	36	eP	36	02.50	-1.4	SOP	80.50	326	iPc	40	21.80	0.9	SOB1	149.19	7	e(PKP)	47	53.00	-0.6
LSA	43.06	273	eP	36	10.60	0.5		1.0s	25.50nm			5.1mb			S.D. = 1.0		on 135 of 148 obs.			
CHG	43.08	254	iPc	36	10.00	0.2	KHC	80.58	329	iPc	40	22.00	0.6							
	0.6s	6.67nm			4.5mb			1.0s	32.00nm			5.2mb		%	FEB 16, 1985 16h 28m 26.31± 0.62s					
IMA	43.63	32	eP	36	15.50	1.7			e		40	34.50	42km		40.701 N ± 5.8km			29.126 E ± 6.0km		
BDT	44.03	252	eP	36	14.80	-2.6			e		42	56.00			DEPTH = 5.0km (geophysicist)					
PME	45.70	38	eP	36	30.00	-0.2	EKA	80.71	341	P	40	22.00	0.1		TURKEY					(366)
	0.7s	7.10nm			4.7mb			0.9s	15.70nm			5.0mb								
KMT	45.94	250	eP	36	33.10	0.5	WTS	80.71	334	eP	40	22.50	0.6	YLV	0.23	126	iPg	28	30.20	-0.8
COL	46.06	34	eP	36	42.00	8.9X		0.9s	10.00nm			4.8mb					iSg	28	39.20	
FBA	46.06	34	eP	36	33.20	0.1	WET	80.85	329	iPc	40	23.40	0.6	ISK	0.37	352	iPg	28	34.00	0.3
	0.8s	7.70nm			4.7mb			1.0s	15.00nm			4.9mb					iSg	28	39.20	
NNT	46.61	246	eP	36	38.80	0.9	GRF	81.04	331	iPc	40	24.60	0.8	CTT	0.69	310	iPg	28	40.20	0.1
KKN	48.49	274	iPc	36	52.60	-0.3		0.9s	33.00nm			5.3mb					iSg	28	49.70	
PKI	48.50	274	iPc	36	52.60	-0.5	ALQ	81.90	51	eP	40	30.00	1.2	GPA	0.99	114	iPn	28	46.20	0.6
	0.8s	52.00nm			5.6mb			1.0s	5 25nm			4.5mb		EDC	1.03	250	iPn	28	45.80	-0.4
DMN	48.71	274	iPc	36	54.50	-0.2	BHG	81.99	328	iPc	40	29.70	0.9	DST	1.16	199	iPn	28	49.10	0.6
	0.8s	42.00nm			5.5mb		ENN	82 05	334	eP	40	29.00	0.1	DMK	1.52	318	iPn	28	53.80	-0.4
KSH	50.24	292	eP	37	07.00	0.9		1.0s	13.00nm			4.9mb		EZN	2.31	249	ePn	29	12.00	6.3X
INK	51.31	28	ePc	37	14.00	0.4	MEM	82.15	334	P	40	30.00	0.5		S.D. = 0.7		on 7 of 8 obs.			
MBC	53.41	17	iPc	37	28.70	-0.5	FUR	82.27	330	iPc	40	30.90	0.7							
	1.0s	12.00nm			4.9mb			0.8s	40.00nm			5.5mb		?	FEB 16, 1985 17h 12m 01.99± 3.62s					
NDI	54.19	280	iPc	37	34.00	-1.6	KBA	82.32	328	iPc	40	30.60	-0.1		0.057 S ±25.7km			96.447 E ±24.5km		
ALE	57.13	4	ePc	37	55.30	-0.9		0.9s	20.60nm			5.2mb			DEPTH = 33.0km (normol)					
	0.8s	15.00nm			5.1mb				i		40	33.20	8kmX		SOUTHWEST OF SUMATERA					(273)
HYB	59.36	268	ePc	38	11.50	-1.1			i		40	44.20								
			e	38	22.50	37km			i		40	49.10		PSI	3.69	42	iPc	12	58.50	0.4
WB2	60.12	189	eP	38	16.20	-1.3			i		43	50.30		PPI	3.97	96	ePc	13	02.20	0.1
			i	38	29.00	45km	SKO	82.62	320	iP	40	32.00	-0.1		0.7s	30.00nm				
WRA	60.12	189	Pc	38	15.50	-2.0	LJU	82.65	327	e(P)	40	30.80	-1.4	TSI	4.12	31	ePc	13	05.00	0.8
	0.5s	8.70nm			5.1mb				i		40	44.00	45km	BSI	5.63	348	eP	13	25.50	-0.1
YKA	60.74	31	eP	38	21.20	-0.2	WLF	82.90	333	P	40	35.20	1.8				eS	14	26.50	
YKC	60.80	31	eP	38	21.00	-0.8	VOY	82.93	327	e(P)	40	33.00	-0.8	IPM	6.49	45	ePc	13	36.50	-1.3
	0.5s	4.00nm			4.8mb		DLE	83.40	342	eP	40	36.40	0.5		S.D. = 1.1		on 5 of 5 obs.			
KEV	61.07	339	eP	38	37.00	13.5X	DCN	83.52	342	iPc	40	37.20	0.7							
	0.5s	28.10nm					CDF	83.56	332	eP	40	37.20	0.2	?	FEB 16, 1985 17h 13m 49.38± 4.52s					
QUE	61.10	286	eP	38	24.00	-0.5		0.7s	3.00nm			4.5mb			12.335 N ±64.6km			89.191 W ±34.4km		
POO	62.32	272	iPc	38	31.90	-0.8	OHR	83.58	320	P	40	36.90	-0.3		DEPTH = 33.0km (normol)					
	1.0s	60.00nm			5.7mb		SAX	83.76	330	eP	40	38.40	0.1		4.4mb (4 obs.)					
GBA	62.52	265	Pc	38	32.80	-1.1	CTI	83.84	328	iPd	40	38.00	-0.4		OFF COAST OF CENTRAL AMERICA					(76)
	0 8s	25.00nm			5.4mb		OSS	83.92	329	eP	40	39.30	0.4							
SOD	62.67	337	iP	38	32.50	-1.8	ZUL	83.93	331	eP	40	38.90	0.1	JCT	20.56	333	iP	18	26.50	-1.5
DAG	62.95	355	iPd	38	34.50	-1.4	LLS	84.21	330	eP	40	40.70	0 3		0.9s	12.60nm				4.3mb
	0.8s	20.15nm			5.3mb		HAU	84 24	332	eP	40	40 60	0.3	TUL	24.22	347	eP	19	05.00	0.8
MHI	63.26	296	iPc	38	38.00	-0.7		0.9s	6.50nm			4.7mb			0.7s	11.60nm				4.5mb
KJF	64 34	334	iP	38	44.20	-1 0	SAL	84 65	329	eP	40	40 00	-2 3	RLO	24.31	348	eP	19	05.70	0.7
	0.7s	34.70nm			5.5mb		MMK	85 29	330	eP	40	46.20	0.3	LHC	35.97	360	eP	20	48.50	-0.4
			i	38	57.00	44km	DIX	85.47	331	eP	40	46.80	0.0	FFC	43.47	349	eP	21	52.00	1.0
KOD	64.59	262	eP	38	47.70	-0.2	ORO	85.64	330	eP	40	47.00	-0.5		0.7s	4.00nm				4.3mb

SCH 45.89 18 eP 22 10.00 -0.5
YKC 53.24 346 eP 23 06.50 -0.2
0.7s 6.00nm 4.7mb
YKA 53.29 346 eP 23 07.40 0.4
FRB 53.36 11 eP 23 07.00 -0.5
MBC 65.90 352 eP 24 34.00 0.3
S.D. = 0.9 on 10 of 10 obs.

? FEB 16, 1985 18h 19m 53.66± 2.53s
16.812 N ±19.6km 61.387 W ±26.6km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)

SEG 0.42 196 eP 20 02.15 -0.9
BPA 0.51 297 eP 20 04.40 0.0
S 20 11.40
SFG 0.58 162 eP 20 05.10 -0.4
PAG 0.83 200 eP 20 09.50 0.6
S 20 20.30
MGG 0.89 176 eP 20 10.50 0.7
S.D. = 1.0 on 5 of 5 obs.

• FEB 16, 1985 19h 16m 42.81± 1.75s
23.041 S ±10.2km 175.211 W ± 9.5km
DEPTH = 42.8 ± 15.5 km
4.9mb (11 obs.) 5.0Msz (2 obs.)
TONGA ISLANDS REGION (174)

NUE 6.32 52 P 18 05.20 -10.7X
S 18 15.00
RAO 6.65 201 P 18 21.00 0.6
S 19 34.00
VUN 7.76 309 eP 18 35.50 -0.6
RAR 14.42 86 P 19 57.00 -9.1X
S 22 23.00
PVC 16.32 286 iPc 20 34.00 3.5X
NOU 16.94 269 iPc 20 42.50 4.1X
KOU 19.20 273 iPd 21 15.10 9.0X
TCW 20.16 204 P 21 06.80 -9.4X
S 24 34.60
CTA 35.89 267 iPc 23 38.00 -3.0X
1.0s 16.50nm 4.9mb
WB2 46.85 264 eP 25 05.60 -5.2X
WRA 46.86 264 P 25 07.00 -3.9X
0.4s 7.70nm 5.0mb
WBN 52.65 254 eP 25 52.00 -3.2X
0.4s 5.00nm 4.9mb
KNA 53.08 267 eP 25 55.00 -3.5X
SPA 67.10 180 eP 27 32.30 -1.7
0.8s 6.25nm 4.7mb
PAS 78.57 45 eP 28 54.00 12.4X
MWC 78.69 45 eP 28 25.00 -17.5X
PLM 78.95 47 eP 28 45.00 1.0
SBB 79.12 45 eP 28 45.00 0.3
ISA 79.31 44 eP 28 47.00 1.3
WKTM 79.41 44 P 28 45.00 -1.2
TPC 79.94 46 eP 28 45.00 -4.1X
CLC 79.96 44 eP 28 51.00 1.8
GLA 80.15 48 eP 28 51.00 0.8
GSC 80 16 45 eP 28 50.00 -0.3
MNA 81.22 42 P 28 55.60 -0.3
BMN 83.03 41 eP 29 05.40 0.2
0.7s 2.11nm 4.3mb
EUR 83.21 42 iP 29 06.00 -0.3
0.5s 1.60nm 4.3mb
MDJ 84.08 324 eP 29 10.00 -0.3
CN2 85.89 321 Pd 29 19.20 -0.1
LTX 86.28 56 P 29 23.50 1.8
DAU 86.70 43 P 29 23.50 -0.3
TIA 86.89 311 eP 29 27.20 2.8X
ALQ 87.00 50 eP 29 24.00 -1.2
1.5s 15.28nm 5.0mb
Z 18s 0.60um 5.0Msz
e 29 45.00 77kmX
TTA 87.02 9 P 29 24.50 0.0
1.0s 12.50nm 5.1mb
PSI 87.24 274 iPc 29 27.50 0.9
PNT 87.34 33 eP 29 26.00 -0.3
0.8s 13.00nm 5.2mb
BDW 89.06 42 P 29 33.00 -2.0
1.0s 2.75nm 4.5mb
BJI 89.51 314 eP 29 37.00 0.2
JCT 89.77 57 eP 29 41.00 2.6X
1.0s 6.00nm 4.9mb
Z 20s 0.53um 5.0Msz
COL 90.18 11 eP 29 39.00 -0.4
NNT 90.39 283 eP 29 41.90 0.5

LOE 90.54 289 eP 29 41.00 -1.0
TIY 90.89 311 eP 29 44.50 1.1
XAN 91.72 306 eP 29 47.60 0.4
SES 92.41 35 eP 29 49.00 -1.0
KMI 92.80 296 eP 29 53.00 0.4
BDT 92.86 287 eP 29 51.00 -1.7
CHG 93.53 289 eP 29 57.00 1.2
BTO 93.90 313 eP 30 00.90 3.7X
NB2 141.76 355 PKP 36 04.20 -6.9X
0.8s 1.20nm
SLL 142.12 353 ePKP 36 05.30 -6.3X
0.6s 3.10nm
MUD 146.46 356 iPKPd 36 21.20 2.2X
1.0s 20.00nm
COP 146.91 352 iPKP 36 20.00 0.2
WIT 150.24 358 ePKP 36 32.00 7.0X
KRA 150.53 340 ePKP 36 30.40 4.8X
e 36 32.40
e 36 42.30
KSP 150.84 345 ePKPc 36 31.50 5.4X
WTS 151.05 357 ePKP 36 34.00 7.7X
e 36 44.50
CLL 151.07 349 ePKP 36 31.00 4.6X
i 36 44.90
SPC 151.19 339 e(PKP) 36 13.00 -13.9X
BRG 151.32 348 ePKP 36 32.40 5.6X
0.7s 16.00nm
JOS 151.68 338 ePKP 36 33.80 6.4X
MOX 151.93 351 ePKP 36 35.00 7.3X
PRU 152.03 347 ePKP 36 34.00 6.1X
ENN 152.31 358 ePKP 36 36.00 7.8X
e 36 46.00
GRA2 152.94 351 e(PKP) 36 38.00 8.8X
e 36 41.70
KHC 153.05 347 PKP 36 36.80 7.4X
S.D. = 1.0 on 33 of 66 obs.

& FEB 16, 1985 21h 18m 10.09s
61.546 N 151.645 W
DEPTH = 78.6km
SOUTHERN ALASKA (2)
<AGS-P>.

SPU 0.42 209 iP 18 22.67 -0.6
eS 18 32.92
SKT 0.44 7 iP 18 22.72 -0.7
eS 18 32.88
SUA 0.44 100 iP 18 23.39 -0.1
eS 18 33.87
NKA 0.83 166 eP 18 28.39 1.1
PWA 0.85 82 eP 18 27.41 -0.1
RDT 1.04 201 eP 18 29 46 -0.5
eS 18 44.61
PMS 1.05 106 iP 18 29.56 -0.4
SLKM 1.25 146 eP 18 31.68 -0.8
PME 1.25 85 eP 18 31.43 -1.1
MSE 1.31 76 iP 18 32.46 -0.9
eS 18 50.88
GHO 1.32 79 iP 18 32.57 -0.9
PTE 1.44 117 iP 18 33.64 -1.3
ILM 1.48 203 eP 18 34.77 -0.8
NNL 1.52 173 eP 18 36.53 0.5
KNK 1.54 94 eP 18 34.94 -1.3
eS 18 57.88
MPA 1.54 133 eP 18 35.32 -0.9
PWL 1.74 112 iP 18 37.22 -1.8
BRLK 1.83 168 eP 18 39.99 -0.2
CFI 1.90 99 eP 18 39.16 -2.0
SCM 2.08 80 eP 18 41.82 -1.8
VLZ 2.59 97 eP 18 47.81 -2.8
KLU 2.74 89 eP 18 49.94 -2.9
22 obs. associated

FEB 16, 1985 21h 33m 29.10± 0.30s
39.842 N ± 6.9km 41.816 E ± 4.7km
DEPTH = 10.0km (geophysicist)
4.9mb (22 obs) 3.7Msz (1 obs.)
TURKEY (366)

MSL 3.61 163 ePnd 34 27.50 1.3
iP• 34 35.00
iPg 34 44.50
iSn 35 17.00
iS• 35 30.00
iSg 35 38.00
TAB 3.94 115 eP 34 38.00 7.0X
e 34 44 00

RTB 6.84 191 ePc 35 11.50 -0.4
eSP 35 32.00
e 35 40.00
e 35 50.00
iS 37 14.00
iSS 37 22.00
eSSS 37 36.50
e 37 44.00
BHD 6.87 162 ePnd 35 23.50 11.2X
eP• 35 43.00
eSn 36 51.00
i 37 23.00
KER 6.92 141 eP 35 21.00 7.8X
ELL 9.86 256 iP 35 56.50 2.5
VRI 12.60 303 eP 36 46.00 14.9X
SHI 13.44 136 eP 36 44.00 1.5
MHI 14.37 99 iPc 36 57.40 2.8
SKO 15.55 284 eP 37 17.00 7.0X
Z 10s 0.68um
E 10s 0.85um
BEO 16.55 294 eP 37 23.80 1.1
JOS 17.50 307 eP 37 31.70 -2.9
SPC 17.95 308 eP 37 40.90 0.5
BUD 18.13 302 eP 37 43.80 1.3
KRA 18.48 311 ePc 37 43.20 -3.6X
1.5s 98.00nm 4.8mb
Z 10s 1.60um
e 37 47.00
e 41 19.00
SRO 18.69 303 eP 37 51.50 2.2
ZST 19.57 303 eP 38 00.60 0.6
VKA 20.10 303 iP 38 11.10 5.5X
LJU 20.85 296 eP 38 14.60 1.2
e 38 50.00
KSP 20.94 310 eP 38 15.50 1.3
VOY 21.29 296 e(P) 38 19.00 1.0
PRU 21.70 307 eP 38 21.00 -1.0
Z 13s 0.50um 4.1MszX
e 38 23.20
KBA 21.81 299 iPd 38 24.50 1.2
1.1s 63.20nm 4.9mb
l(pP) 39 10.90
iSS 39 21.60
MNS 22.05 286 eP 38 27.00 1.5
KHC 22.07 304 P 38 25.90 0.1
1.0s 32.00nm 4.7mb
e 39 11.00
BRG 22.34 309 eP 38 28.90 0.6
2.0s 95.00nm 4.9mb
WET 22.52 304 iPc 38 31.30 1.1
1.8s 103.00nm 5.0mb
QUE 22.66 107 eP 38 35.00 3.1X
CLL 23.04 309 eP 38 35.00 -0.2
i 38 38.90
NUR 23.29 338 iP 38 40.00 2.5
1.0s 28.00nm 4.8mb
Z 21s 0.30um 3.7Msz
e 42 54.00
LR 48 40.00
OGA 23.36 298 eP 38 39.40 0.8
1.3s 44.00nm 4.9mb
SAL 23.60 294 eP 38 42.00 1.3
MOX 23.69 307 ePd 38 45.00 3.5X
2.0s 59.00nm 4.8mb
e 38 55.00
GRF 23.70 305 iPc 38 38.60 -3.1X
e 38 42.00
OSS 23.95 297 eP 38 44.40 0.1
SAX 24.54 298 eP 38 49.70 -0.5
LLS 24.75 297 eP 38 51.10 -1.0
SUF 24.78 343 iP 38 51.50 -0.4
0.9s 14.70nm 4.7mb
UPP 25.13 331 iP 38 54.30 -1.0
ZUL 25.21 299 eP 38 54.70 -1.6
KJF 25.77 346 iP 39 04.00 2.7
0.8s 17.60nm 4.8mb
e 43 36.00
DIX 25.80 295 eP 39 00.70 -1.4
EMS 26.13 295 eP 39 03.70 -1.4
KSH 26.22 80 eP 39 07.80 1.9
HFS 26.84 328 eP 39 09.90 -1.3
1.0s 23.10nm 4.8mb
WLF 26.94 303 P 39 14.00 1.8
WTS 26.94 308 eP 39 10.50 -1.7
e 39 15.00
WIT 27.22 310 e(P) 39 17.00 2.3
ENN 27.25 306 e(P) 39 17.50 2.5

16d 21h

DOU	27.99	304	P	39	23.50	1.7
NB2	28.36	329	P	39	22.80	-2.3
	0.7s		1.60nm			3.9mb
NDI	31.12	100	eP	39	50.00	0.1
EKA	33.39	313	P	40	08.00	-1.5
	1.4s		50.10nm			5.3mb
WMO	34.08	68	P	40	16.50	0.8
			PP	41	34.00	
TOL	34.91	285	eP	40	21.00	-1.8
DMN	37.67	95	iPc	40	48.00	1.4
	0.9s		23.00nm			4.9mb
KKN	37.72	95	iPc	40	47.70	0.8
	0.9s		20.00nm			4.9mb
PKI	37.93	95	iPc	40	49.70	0.9
	1.0s		24.00nm			4.9mb
HYB	38.84	114	eP	40	56.30	0.2
GBA	40.74	120	Pd	41	09.90	-1.9
	0.9s		22.30nm			4.9mb
BNG	41.04	217	iPc	41	12.00	-2.3
	0.6s		24.00nm			5.1mb
KOD	43.24	123	eP	41	33.00	0.3
GTA	43.98	71	P	41	39.70	1.5
			PP	43	23.10	
DAG	44.92	343	iPd	41	43.70	-1.5
	1.0s		17.00nm			4.9mb
LZH	48.19	74	eP	42	12.00	0.3
	1.5s		5.00nm			4.4mb
CD2	50.40	80	eP	42	29.00	0.4
BTC	50.85	66	eP	42	33.00	1.0
KMI	52.51	87	Pc	42	44.00	-0.9
XAN	52.82	74	eP	42	46.70	-0.2
CHG	53.10	95	eP	42	48.50	-0.6
KIC	53.38	244	eP	42	47.90	-3.3X
BDT	54.08	97	eP	42	52.80	-3.4X
GYA	54.82	83	P	43	01.00	-0.8
GDH	55.21	334	iPc	43	02.70	-1.2
	1.0s		20.00nm			5.1mb
KHT	55.26	100	eP	43	03.90	-1.0
BJI	55.37	64	eP	43	05.50	0.1
MTD	57.13	192	eP	43	17.00	-1.3
NNT	57.49	101	eP	43	20.10	-0.8
CN2	59.87	56	Pc	43	36.00	-1.1
BUL	60.93	194	iP	43	43.00	-1.6
			ipP	44	26.70	188kmX
FRB	63.10	332	eP	43	57.00	-1.6
PSI	63.42	110	ePd	43	59.90	-1.4
MBC	63.57	355	eP	44	01.00	-0.5
INK	72.13	358	eP	44	53.00	-2.1
YKA	76.26	349	eP	45	18.50	-0.6
FFC	80.83	340	eP	45	43.00	-1.2
	0.7s		7.00nm			4.8mb
LHC	82.02	330	eP	45	50.00	-0.5
EDM	84.85	345	eP	46	03.50	-1.5
SES	87.03	343	eP	46	14.00	-1.8
NEW	90.31	346	eP	46	31.00	-0.4
S.D. = 1.4 on 78 of 90 obs.						

? FEB 16, 1985 22h 27m 38.53± 3.15s
4.806 N ±28.6km 125.174 E ±22.2km
DEPTH = 202.5 ± 18.0 km
5.0mb (4 obs.)
TALAUD ISLANDS (263)

MNI	3.36	186	iPc	28	34.60	1.6
			eS	29	27.70	
AAI	8.96	160	ePd	29	43.40	-1.8
			eS	29	46.40	
MTN	18.51	161	eP	31	41.00	-1.2
	0.4s		29.00nm			5.1mb
KNA	20.73	170	eP	32	04.00	-0.6
WRA	26.19	130	Pc	32	55.00	-1.4
	0.2s		3.00nm			4.7mb
WB2	26.20	160	iPd	32	55.00	-1.5
MBL	26.33	191	eP	33	00.00	2.4
ASPA	29.55	164	iPd	33	25.40	-1.1
WBN	30.79	178	eP	33	38.00	0.7
	0.5s		13.00nm			4.9mb
MEK	31.88	191	iPd	33	45.90	-0.9
KLG	35.57	186	eP	34	18.00	-0.2
BAL	36.13	192	eP	34	23.00	0.0
KLB	36.88	191	eP	34	29.00	-0.2
MUN	37.56	193	iPc	34	34.80	-0.2
NWAO	38.27	191	eP	34	41.00	0.1
RKG	39.43	191	eP	34	55.00	4.6X
ADE	41.56	163	iPd	35	09.00	1.1
	0.5s		28.17nm			5.0mb
CAN	45.77	153	iPc	35	42.70	1.1
WAM	46.44	153	eP	35	47.90	1.1
GBA	47.85	284	Pc	35	56.80	-1.3
	0.5s		1.80nm			3.8mb X
MSZ	62.36	147	P	37	44.00	2.3
S.D. = 1.4 on 20 of 21 obs.						

FEB 17, 1985 00h 01m 33.91± 1.05s
18.023 N ± 6.7km 100.456 W ±10.9km
DEPTH = 66.1 ± 9.5 km
4.6mb (5 obs.)
GUERRERO, MEXICO (59)
Felt at Ciudad Altamirono.

III	1.00	69	iP	01	52.50	-0.2
			iS	02	18.50	
ACX	1.28	153	iPd	01	55.50	-0.7
			iS	02	15.00	
CRX	1.56	28	ePc	02	01.00	0.7
			iS	02	23.20	
TPM	1.63	54	iP	02	01.00	-0.1
MEX	1.77	43	eP	02	03.30	0.1
			iS	02	27.30	
IIM	1.77	43	iP	02	03.50	0.3
TAC	1.82	41	iP	02	04.00	0.1
			iS	02	36.00	
IIP	1.96	48	iP	02	06.00	0.1
IIC	2.07	33	iP	02	07.00	-0.4
			iS	02	44.50	
IIT	2.27	64	iP	02	09.50	-0.5
PIO	2.75	126	iP	02	15.50	-1.1
			i	02	59.00	
TLX	2.77	43	iPc	02	17.20	0.1
VHO	3.64	102	iP	02	30 50	1.3
			iS	03	18.00	
OXX	3.68	104	iPd	02	30.40	0.5
COM	8.15	101	eP	03	32.00	-0.2
LTX	11.64	346	eP	04	27.40	8.0X
			pP	04	40.80	
LTX	11.64	346	P	04	20.00	0.6
JCT	12.41	3	iP	04	29.50	-0.2
	0.8s		7.84nm			4.7mb
ATX	12.46	10	eP	04	34.20	3.9X
HKT	12.60	19	P	04	32.50	0.4
PRST	14.83	20	eP	05	02.00	0.7
ALQ	17.68	344	eP	05	24.00	-13.4X
GLA	19.77	322	eP	06	01.00	-0.4
			e	06	27.00	
BAR	20.64	318	eP	06	18.00	7.6X
PLM	21.21	319	eP	06	21.00	4.7X
TPC	21.23	322	eP	06	04.00	-12.4X
RVR	21.95	320	eP	06	27.00	3.5X
GSC	22.52	323	eP	06	20.00	-9.2X
SBB	22.69	320	eP	06	34.00	3.1X
			e	07	54.00	
CLC	23.34	323	eP	06	40.00	2.9X
ISA	23.74	321	eP	06	43.00	1.9
			e	07	05.00	
EDM	36.54	347	iPd	08	33.70	-1.1
FFC	36.65	359	eP	08	34.00	-1.7X
	0.9s		8.00nm			4.6mb
SCH	44.84	27	eP	09	41.00	-2.1
YKC	45.48	351	eP	09	46.50	-1.5
	0.6s		5.00nm			4.6mb
YKA	45.51	351	eP	09	47.40	-0.9
FRB	50.60	18	eP	10	27.00	-0.8
INK	54.39	346	eP	10	55.00	-1.0
PMR	55.21	334	P	10	56.00	-6.0X
COL	56.41	338	e(P)	11	24.00	13.3X
FBA	56.41	338	P	11	10.50	-0.2
TTA	58.69	334	P	11	23.00	-3.8X
MBC	59.07	355	eP	11	28.50	-0.6
NB2	84.40	27	P	14	01.60	1.5
	0.6s		1.10nm			4.1mb
APO	85.81	27	eP	14	07.10	0.0
	0.8s		5.10nm			4.7mb
HYB	144.77	2	ePKP	21	04.50	-1.2X
GBA	148.51	4	PKPc	21	15.40	3.6
	0.7s		4.80nm			
S.D = 1.1 on 32 of 47 obs.						

FEB 17, 1985 00h 14m 56.19± 0.39s
2.072 S ± 5.9km 140.213 E ± 7.2km
DEPTH = 33.0km (normal)
5.1mb (11 obs.) 4.8Msz (1 obs.)
NEAR N. COAST OF WEST IRIAN (197)

TZZ	3.33	162	iPc	15	49.40	2.1
MDG	6.39	120	eP	16	29.50	-1.0
MTN	13.98	220	eP	18	12.00	-2.2
BGA	15.47	106	e(P)	18	36.00	2.2
PAA	15.80	106	eP	18	40.00	1.9
KNA	17.66	219	eP	19	02.00	0.5
WB2	18.66	197	iPc	19	11.40	-2.4
			eS	22	36.20	
WRA	18.67	197	P	19	12.00	-1.9
	0.5s		17.80nm			4.5mb
CTA	18.85	162	eP	19	18.00	1.8
	1.0s		11.50nm			4.0mb X
			eS	22	49.00	
SVO	20.73	111	eP	19	42.00	5.4X
HNR	20.94	111	eP	19	36.00	-2.8
			eS	19	50.00	
ASPA	22.32	195	iPd	19	52.50	-0.1
	0.6s		66.00nm			5.3mb
WBN	27.29	208	eP	20	40.00	0.2
	0.8s		55.00nm			5.3mb
MBL	27.47	225	iPd	20	41.50	0.1
NAU	31.46	228	eP	21	17.00	-0.1
MEK	32.06	219	eP	21	22.00	-0.4
	0.8s		20.00nm			5.1mb
ADE	32.76	182	iPc	21	27.70	-0.6
	0.8s		29.85nm			5.2mb
CAN	34.07	167	iPd	21	40.20	0.4
			i	21	50.20	
WAM	34.89	168	eP	21	46.20	-0.5
BAL	36.07	216	iPc	21	56.20	-0.6
KLB	36.21	213	eP	21	57.00	-1.0
NWAO	37.51	213	eP	22	09.00	0.1
Z	20s		1.70um			4.8Msz
DDR	37.88	359	eP	22	10.10	-2.0
TSK	38.08	360	eP	22	11.40	-2.2
MAT	38.46	357	eP	22	14.00	-2.8
	0.9s		14.29nm			4.8mb
RKG	38.51	212	iPc	22	21.70	4.4X
IPM	39.71	280	ePd	22	28.80	1.2
PPI	39.84	272	ePd	22	29.60	1.0
	0.7s		15.00nm			4.9mb
BJI	47.34	335	eP	23	29.00	0.2
CN2	47.55	346	Pd	23	29.80	-0.7
MSZ	48.97	154	eP	23	45.00	3.6X
			pP	23	57.50	45kmX
LZH	50.89	322	eP	23	58.00	1.5
GTA	55.47	322	P	24	31.40	1.1
PKI	60.34	303	eP	25	05.90	0.9
KKN	60.53	304	eP	25	06.30	0.2
	0.8s		16.00nm			5.2mb
DMN	60.61	303	eP	25	07.10	0.3
	0.8s		10.00nm			5.0mb
KOD	63.63	282	eP	25	28.00	0.8
HYB	63.75	290	eP	25	28.00	0.4
GBA	64.14	286	Pd	25	30.40	0.3
	1.0s		24.30nm			5.3mb
POO	68.36	291	eP	25	57.60	0.5
QUE	76.63	302	eP	26	48.00	1.9
MHI	83.74	307	eP	27	26.00	2.3
COL	84.30	24	eP	27	24.00	-1.8
SPA	87.94	180	eP	27	44.90	1.0
	1.0s		15.50nm			5.3mb
INK	90.53	22	eP	27	55.00	-0.8
MBC	94.48	14	eP	28	10.00	-3.9X
YKA	98.82	27	eP	28	43.30	9.5X
TPZ	143.29	131	ePKP	34	40.00	9.8X
ARE	143.68	122	ePKP	34	39.00	8.1X
KIC	144.80	278	ePKP	34	32.20	-0.3
BOG	145.69	85	ePKP	34	36.00	1.5
CNCB	146.44	125	PKP	34	39.00	3.1X
LPB	146.49	125	PKP	34	40.00	4.2X
	1.0s		50.00nm			
S.D. = 1.4 on 44 of 53 obs.						

FEB 17, 1985 00h 24m 24.19± 0.15s
25.544 N ± 3.3km 95.250 E ± 3.1km
DEPTH = 91.3km (12 depth phases)
4.8mb (48 obs.)
BURMA-INDIA BORDER REGION (294)
Felt.

SHL	3.04	271	iP	25	10.80	-0.5
			eS	25	42.30	
LSA	5.51	320	Pc	25	46.20	0.4
			S	26	42.50	
KMI	6.79	92	Pc	26	07.00	3.8X
			eS	27	25.00	
BDT	8.97	156	iPc	26	31.00	-1.8

	1.0s	165.00nm		5.8mb		
		e	29 04.00			
PKI	9.04	285 iP	26 31.30	-2.9		
	0.3s	120.00nm		6.2mb X		
KKN	9.19	286 iP	26 32.90	-3.2X		
CD2	9.21	53 P	26 35.20	-1.0		
DMN	9.31	285 iPc	26 35.00	-2.8		
GYA	10.31	82 Pc	26 52.40	1.3		
NNT	13.56	161 eP	27 41.90	7.9X		
GTA	14.35	14 eP	27 40.50	-3.8X		
		PcP	32 56.00			
		ScS	39 56.80			
QIZ	14.98	113 P	27 58.00	5.8X		
NDI	16.36	285 eP	28 06.70	-2.9		
		eS	30 54.00			
GZH	16.67	95 eP	28 17.00	3.4X		
HYB	17.50	246 eP	28 24.00	0.1		
	1.0s	70.00nm		4.8mb		
WHN	17.58	69 eP	28 23.50	-1.2		
TIY	18.97	46 P	28 38.00	-3.1X		
WMO	19.25	343 P	28 44.00	0.0		
BTO	19.41	36 iPd	28 44.00	-1.8		
BSI	19.93	180 ePd	28 50.50	-0.7		
HHC	20.43	38 P	28 56.00	-0.3		
GBA	20.53	238 Pc	28 58.10	0.7		
	0.9s	25.40nm		4.6mb		
POO	21.01	255 iPc	29 04.20	1.9		
		IS	32 47.80			
TIA	21.53	55 eP	29 07.50	0.2		
IPM	21.57	164 ePd	29 09.00	1.2		
NJ2	21.66	67 eP	29 07.00	-1.5		
BOM	21.78	257 eP	29 04.00	-5.9X		
		eS	32 13.00			
TSI	22.15	171 e(P)	29 28.00	14.5X		
BJI	22.69	45 eP	29 19.00	0.4		
KGM	24.65	160 ePc	29 38.40	0.6		
QUE	25.41	287 eP	29 47.00	2.0		
SNY	28.45	48 eP	30 13.00	0.7		
CN2	30.56	46 eP	30 30.60	-0.5		
MHI	32.33	298 eP	30 48.00	1.2		
NAU	51.68	156 iPd	33 24.50	0.6		
MBL	52.20	151 iPc	33 28.00	0.1		
KNA	52.44	138 eP	33 29.00	-0.7		
MEK	56.51	155 iPd	33 58.80	-0.5		
	0.6s	19.00nm		5.3mb		
KJF	57.54	331 eP	34 06.00	-0.1		
	1.0s	50.00nm		5.5mb		
		i	34 30.00			
SUF	58.06	330 iP	34 09.50	-0.2		
	0.4s	4.90nm		4.9mb		
SOD	58.48	335 eP	34 12.00	-0.6		
		e	34 20.00			
NUR	58.59	327 eP	34 13.00	-0.4		
		e	34 37.00			
WRA	59.06	136 Pd	34 16.70	-0.4		
	0.5s	22.20nm		5.5mb		
WB2	59.06	136 eP	34 16.20	-1.0		
BAL	59.49	159 iPc	34 19.00	-1.0		
WBN	59.62	147 eP	34 21.00	0.1		
	0.7s	17.00nm		5.3mb		
MUN	60.60	160 iPc	34 26.20	-1.3		
KL8	60.75	158 iPc	34 27.60	-0.9		
KLG	61.37	154 iPd	34 32.40	-0.4		
JOS	61.40	313 eP	34 33.30	0.5		
ASPA	61.60	139 iPc	34 34.00	-0.4		
	0.6s	47.00nm		5.7mb		
KRA	61.61	315 eP	34 34.00	-0.2		
NWAO	61.80	159 iPd	34 34.50	-1.1		
UPP	62.10	326 iP	34 36.90	-0.4		
		i	35 00.50			
NAI	62.41	254 iPc	34 41.00	0.7		
	1.0s	31.00nm		5.3mb		
RKG	62.78	160 eP	34 44.00	1.9		
KSP	63.81	316 iPd	34 49.20	0.5		
		ec	35 12.20			
AVY	63.94	231 ePc	34 50.10	-0.1		
HFS	64.04	327 eP	34 49.80	-0.3		
	0.6s	8.40nm		4.8mb		
SOP	64.16	313 e(P)c	34 50.00	-1.1		
	0.8s	7.60nm		4.7mb		
PRU	65.06	315 P	34 57.50	0.7		
		e	35 20.50			
NB2	65.15	328 P	34 56.20	-1.1		
	0.6s	2.60nm		4.3mb		
BRG	65.27	316 iPc	34 58.30	0.1		
	0.9s	20.00nm		5.0mb		
		ic	35 22.10			
KHC	65.84	315 iP	35 02.40	0.5		
		i	35 25.50			
VOY	66.28	311 eP	35 03.70	-1.2		
		e	35 27.00			
KBA	66.42	312 iPc	35 04.80	-1.1		
	0.6s	4.20nm		4.5mb		
		i	35 28.10			
HOF	66.67	316 iPc	35 07.40	0.2		
MOX	66.77	316 eP	35 07.50	-0.3		
	1.8s	54.00nm		5.2mb		
		i	35 31.00			
GRA3	67.15	316 eP	35 11.20	1.0		
	0.9s	14.00nm		4.9mb		
		e	35 34.60			
CTA	67.18	128 iPc	35 10.50	-0.2		
	0.8s	37.31nm		5.4mb		
CTI	67.80	312 e(P)	35 13.50	-1.0		
OSS	68.65	313 eP	35 19.60	-0.2		
SAL	68.67	311 e(P)	35 18.00	-1.7		
SAX	69.03	313 eP+	35 21.90	-0.4		
VDL	69.15	312 eP	35 22.70	-0.2		
WIT	69.25	320 eP	35 25.00	2.0		
		e	35 48.00			
LLS	69.36	313 eP+	35 23.80	-0.4		
WTS	69.38	319 eP	35 24.50	0.6		
	0.8s	6.00nm		4.5mb		
		e	35 48.00			
ZUL	69.59	314 eP+	35 25.20	-0.2		
CDF	70.06	315 iPc	35 28.00	-0.3		
	0.6s	2.50nm		4.3mb		
ENN	70.24	318 eP	35 29.50	0.3		
	0.8s	5.00nm		4.4mb		
		e	35 52.50			
MMK	70.27	312 eP+	35 29.50	-0.3		
WLF	70.41	316 Pc	35 31.20	1.0		
		pP	35 54.80	91km		
BSF	70.53	314 eP	35 30.80	-0.4		
		pP	35 54.60	92km		
DIX	70.63	312 iP+	35 32.50	0.4		
HAU	70.77	315 eP	35 32.40	-0.1		
EMS	70.96	313 eP+	35 34.40	0.5		
ALE	71.63	357 eP	35 37.50	0.4		
	1.0s	8.00nm		4.5mb		
		pP	36 02.00	95km		
FRF	71.91	310 eP	35 39.80	0.4		
	0.9s	12.10nm		4.8mb		
		pP	36 03.70	92km		
LRG	72.14	310 eP	35 40.80	0.1		
	0.9s	23.80nm		5.1mb		
LOR	72.60	314 eP	35 42.90	-0.5		
	0.8s	3.20nm		4.2mb		
LBF	72.61	314 eP	35 43.10	-0.4		
	0.8s	3.70nm		4.3mb		
SMF	72.81	314 iPc	35 44.40	-0.2		
	0.8s	13.90nm		4.9mb		
		pP	36 08.10	91km		
SSF	72.89	314 iPc	35 45.00	-0.1		
	0.8s	10.70nm		4.8mb		
		pP	36 08.60	90km		
ADE	72.91	144 iPc	35 45.90	0.6		
AVF	73.08	314 iPc	35 46.10	-0.1		
	0.8s	7.50nm		4.6mb		
MZF	73.77	314 iPc	35 51.00	0.8		
	0.5s	2.20nm		4.3mb		
EKA	73.95	324 P	35 59.00	8.0X		
	0.7s	5.10nm		4.5mb		
TCF	73.99	314 eP	35 51.90	0.4		
	0.8s	10.70nm		4.8mb		
		pP	36 15.50	90km		
LSF	74.45	314 eP	35 54.10	-0.1		
	0.8s	5.40nm		4.5mb		
CAF	74.56	313 eP	35 55.30	0.4		
	0.8s	8.50nm		4.7mb		
		pP	36 19.00	91km		
LDF	74.66	317 eP	35 55.40	0.1		
		pP	36 18.70	89km		
RJF	74.79	313 iPc	35 56.90	0.7		
	0.7s	7.80nm		4.7mb		
		pP	36 20.60	90km		
MTD	74.88	243 iPc	35 57.00	-0.1		
		i	36 21.00			
GRR	75.19	317 eP	35 58.30	0.0		
LPO	75.23	313 eP	35 59.50	0.8		
	0.7s	5.00nm		4.5mb		
MFF	75.40	315 eP	35 59.70	0.1		
LPF	75.44	316 eP	36 00.00	0.3		
		pP	36 23.70	90km		
LFF	75.44	313 iPc	36 00.70	0.9		
	0.7s	6.10nm		4.6mb		
BNG	76.11	268 iPc	36 03.90	-0.3		
	0.6s	12.00nm		4.9mb		
		i	36 28.00			
MBC	76.21	8 eP	36 04.10	0.5		
	0.7s	7.00nm		4.6mb		
KRI	76.49	244 iPc	36 06.00	-0.3		
		i	36 29.00			
LSZ	76.85	246 iPd	36 08.80	0.5		
	0.6s	22.70nm		5.2mb		
COL	77.69	23 eP	36 12.00	0.0		
CAN	79.05	138 eP	36 20.30	0.4		
BUL	79.06	241 iPc	36 20.70	0.3		
		ipP	36 41.10	76kmX		
WAM	79.56	139 eP	36 22.60	0.0		
INK	79.84	17 eP	36 24.00	0.5		
		pP	36 49.00	95km		
SLR	82.32	237 iPd	36 38.50	1.0		
	1.0s	31.00nm		5.1mb		
BPI	82.75	237 iPd	36 38.00	-1.7		
	0.8s	14.93nm		5.0mb		
GDH	82.80	349 iPc	36 40.00	1.0		
	0.7s	9.59nm		4.8mb		
BFS	84.08	237 e(P)	36 46.60	0.2		
	1.0s	24.00nm		5.1mb		
SEK	84.22	235 eP	36 48.10	1.0		
	1.0s	23.00nm		5.1mb		
VIR	84.65	236 eP	36 49.20	0.0		
	0.4s	32.20nm		5.6mb		
BLF	85.70	235 eP	36 54.50	0.0		
	0.3s	10.00nm		5.3mb		
YKA	89.08	13 eP	37 10.50	0.4		
YKC	89.12	13 eP	37 10.50	0.2		
	0.6s	5.00nm		4.9mb		
FRB	90.10	353 eP	37 16.00	1.2		
MSZ	96.22	137 P	37 43.20	0.2		
JCT	122.46	15 iPKP	43 11.00	0.3		
	0.8s	31.72nm				
ITR	132.96	282 e(PKP)	43 32.00	0.7		
VAO	145.54	266 ePKP	43 55.00	1.1		
LPB	162.07	297 PKP	44 18.00	1.2		
	1.0s	30.00nm				
CNCB	162.12	296 iPKP	44 19.00	2.0		
	S.D. = 0.9	on 124 of 134 obs.				
	FEB 17, 1985 02h 14m 33.44± 0.47s					
	21.221 S ± 8.5km 170.214 E ± 5.9km					
	DEPTH = 33.0km (normal)					
	5.2mb (5 obs.) 4.7Msz (1 obs.)					
	LOYALTY ISLANDS REGION					(189)
NOU	3.66	252 iPc	15 28.50	-0.7		
		iS	16 10.50			
PVC	3.90	332 iPc	15 33.00	0.5		
		iS	16 25.00			
KOU	5.59	276 iPc	15 55.60	-0.8		
		iS	17 01.40			
NDF	7.64	64 eP	16 25.60	0.3		
SVA	8.36	70 eP	16 35.00	-0.3		
VUN	8.41	69 eP	16 36.00	0.0		
KRP	17.27	166 eP	18 36.00	2.3		
MNG	19.85	168 P	19 03.20	-1.3		
		e	19 10.00			
TCW	20.23	171 P	19 08.20	-0.2		
CTA	22.45	269 iPd	19 33.20	2.1		
	1.0s	25.00nm		4.6mb		
		iS	23 38.00			
CAN	23.31	228 eP	19 42.80	3.3X		
		e	19 48.80			
WAM	23.85	227 eP	19 41.40	-3.2X		
		e	19 47.20			
CMS	24.08	240 eP	19 49.00	2.1		
WB2	33.55	266 iPc	21 11.20	-1.4		
WRA	33.56	266 Pd	21 11.80	-0.9		
	0.6s	13.80nm		5.0mb		
ASPA	33.60	259 iPc	21 12.40	-0.6		
	0.5s	52.00nm		5.7mb		
KNA	39.60	271 iPc	22 04.40	0.6		
WBN	40.12	254 iPc	22 08.60	0.6		
	0.7s	40.00nm		5.3mb		
MEK	47.28	253 eP	23 05.00	-0.9		
	1.0s	25.00nm		5.2mb		
KL8	47.72	246 iPd	23 09.20	0.0		
NWAO	48.15	244 iPd	23 12.60	0.0		
Z	20s	0.90um		4.7Msz		
BAL	48.65	247 iPd	23 16.20	-0.2		

17d 02h

NAU	50.55	258	iPd	23	31.80	0.8	NOU	25.25	139	iPc	57	51.50	2.6	GLA	80.18	48	eP	12	03.00	-4.9X
SPA	68.91	160	e(P)	25	35.00	-2.0	WBN	31.09	221	eP	58	42.00	0.2	GSC	80.20	45	eP	12	10.00	2.0
YKA	102.00	27	ePdiff	28	35.80	10.7X	BAG	34.32	306	eP	59	10.80	0.6	MNA	81.27	42	eP	12	13.80	0.1
EKA	145.58	353	PKP	34	17.00	7.4X				eS	04	36.00					e	12	26.80	44km
	0.7s		8.30nm				MEK	37.07	229	eP	59	32.00	-1.3	KGM	83.04	275	ePc	12	23.80	0.6
KHC	146.50	332	PKP	34	19.20	7.8X		0.7s		24.00nm			5.2mb	BMN	83.08	41	eP	12	23.00	0.0
SKO	146.59	315	e(PKP)	34	20.00	8.3X	KLB	40.50	223	iPd	00	01.70	0.0		1.4s		12.50nm			4.8mb
BNG	147.83	243	iPKPc	34	18.20	3.7X	BAL	40.65	225	eP	00	02.00	-1.0				pP	12	35.70	42km
	1.0s		20.00nm				SHK	40.82	339	eP	00	07.60	3.3X	EUR	83.26	42	iP	12	24.10	0.0
			i	34	28.50		NWAO	41.66	222	eP	00	09.00	-2.3		0.6s		2.56nm			4.5mb
KBA	148.11	329	ePKP	34	21.50	7.3X		Z 20s		2.00um			5.0Msz	NJ2	83.65	309	P	12	25.20	-0.7
	0.8s		2.40nm				HKC	42.58	309	e(P)	00	25.00	6.2X	MDJ	84.26	324	Pd	12	30.00	1.4
			i	34	24.20		QIZ	44.51	302	eP	00	35.60	0.9	CN2	86.06	321	Pc	12	37.00	-0.7
	S.D. = 1.2		on 22 of 30 obs.				TIA	49.45	326	eP	01	15.20	2.1				pP	12	49.00	39km
										eS	08	21.00		IPM	86.16	277	ePd	12	38.50	-0.3
	FEB 17, 1985 02h 39m 39.88± 0.55s						LOE	51.00	296	eP	01	25.00	-0.3				e	12	50.90	41km
	37.019 N ± 3.6km 70.415 E ± 7.3km						NNT	51.43	289	eP	01	29.10	0.5	WHN	86.19	305	eP	12	39.00	0.4
	DEPTH = 33.0km (normol)						CN2	51.62	338	eP	01	31.00	1.4	LTX	86.28	56	P	12	40.00	0.8
	4.6mb (3 obs.)									eS	08	48.00		ALQ	87.02	50	eP	12	42.00	-0.8
	AFGHANISTAN-USSR BORDER REGION (717)						XAN	53.07	318	eP	01	39.70	-1.0		1.2s		15.63nm			5.1mb
							KHT	53.08	291	eP	01	41.90	0.9		Z 22s		1.30um			5.3Msz
QUE	7.40	204	iPc	41	27.60	-0.9	KMI	53.09	305	eP	01	42.00	0.8				e	12	55.00	43km
			iS	42	40.50		BDT	53.42	294	eP	01	41.60	-1.8	TIA	87.06	311	Pc	12	42.30	-0.4
MHI	8.81	269	eP	41	49.00	1.0	CHG	53.97	296	eP	01	48.00	0.6	TTA	87.15	9	eP	12	43.00	0.3
			eS	43	23.00		CD2	55.00	312	eP	01	54.60	-0.3	PNT	87.42	33	eP	12	44.00	-0.2
NDI	10.09	144	iPd	42	05.80	0.3	BTO	56.50	325	eP	02	05.40	-0.3		0.9s		17.00nm			5.3mb
	0.6s		110.00nm			6.3mb X	LZH	57.65	317	eP	02	14.50	0.6	BDW	89.11	42	P	12	51.50	-1.2
			iS	43	47.50					eS	10	16.00			1.0s		3.50nm			4.6mb
DMN	15.55	123	eP	43	18.60	0.1	GTA	62.12	318	eP	02	44.80	0.2	BDW	89.11	42	eP	13	04.90	12.2X
	0.7s		39.00nm			4.7mb				S	11	10.50			0.9s		1.20nm			
KKN	15.55	122	eP	43	18.70	0.2	PKI	68.48	301	eP	03	26.80	0.8	BJI	89.68	314	eP	12	55.00	-0.1
PKI	15.78	122	eP	43	21.70	0.2		1.0s		16.00nm			5.1mb				pP	13	07.00	39km
	0.8s		51.00nm			4.7mb	KKN	68.65	302	eP	03	27.60	0.7	JCT	89.78	57	eP	12	58.00	2.1
HYB	20.81	158	eP	44	15.00	-6.0X		1.0s		28.00nm			5.3mb		1.3s		9.62nm			4.9mb
NB2	43.68	323	P	47	42.60	-0.4	DMN	68.74	301	eP	03	28.40	0.8		Z 20s		1.45um			5.4Msz
	0.8s		1.70nm			3.9mb		1.0s		51.00nm			5.6mb	GYA	90.30	299	P	12	59.20	0.7
MBC	66.84	3	eP	50	30.00	0.0	HYB	72.44	289	eP	03	49.00	-0.8	COL	90.31	11	eP	12	57.00	-0.5
YKA	80.75	2	eP	51	50.40	-0.5	KOD	72.46	282	eP	03	51.00	0.7	FBA	90.31	11	eP	12	56.70	-0.8
	S.D. = 0.6		on 9 of 10 obs.				KOD	72.46	282	eP	03	48.30	-2.0		0.6s		7.30nm			5.2mb
							GBA	72.92	285	Pc	03	51.50	-1.1	NNT	90.51	283	eP	13	01.20	1.7
	FEB 17, 1985 02h 52m 24.10± 0.37s						POO	77.03	290	eP	04	16.00	-0.1	TIY	91.06	311	eP	13	01.50	-0.2
	3.509 S ± 5.9km 148.943 E ± 6.1km						KSH	79.17	311	eP	04	33.00	5.4X				pP	13	13.50	39km
	DEPTH = 33.0km (normol)						INK	88.65	21	eP	05	23.00	8.1X	XAN	91.89	306	eP	13	06.10	0.6
	5.1mb (6 obs.) 5.0Msz (1 obs.)						YKA	96.08	28	eP	05	51.10	1.8	KHT	92.40	285	eP	13	09.20	1.1
	BISMARCK SEA (203)						CAR	143.75	77	ePKP	11	59.20	0.5	SES	92.48	35	eP	13	08.00	0.2
	CENTROID, MOMENT TENSOR (HRV)						CAR	143.75	77	iPKP	12	00.30	1.6X	EDM	92.93	32	ePd	13	09.30	-0.5
	Data Used: GDSN							0.8s		22.39nm				KMI	92.95	296	Pc	13	11.50	0.7
	L.P.B.: 9S, 20C						VAO	149.41	150	e(PKP)	12	18.00	10.3X	BDT	93.00	287	iPd	13	09.00	-1.8
	Centroid Locotion:							S.D. = 1.2		on 43 of 54 obs.					0.8s		41.50nm			5.9mb
	Origin Time 02:52:26.6 0.5													RSSD	93.25	43	eP	13	11.30	-0.5
	Lat 3.49S 0.05 Lon 148.85E 0.06						• FEB 17, 1985 03h 00m 00.21± 0.46s								0.8s		1.06nm			4.3mb
	Dep 21.1 6.6 Half-duration 2.2						23.190 S ±13.5km 175.108 W ± 6.5km										pP	13	24.10	42km
	Moment Tensor; Scale 10**24 D-CM						DEPTH = 42.0km (11 depth phases)							CHG	93.66	289	iPd	13	15.20	1.3
	Mrr= 0.49 0.09 Mtt= 0.88 0.15						5.0mb (13 obs.) 5.5Msz (6 obs.)								1.0s		21.25nm			5.5mb
	Mff=-1.36 0.13 Mrt=-0.58 0.30						TONGA ISLANDS REGION (174)							BTO	94.07	313	eP	13	15.40	-0.1
	Mrf=-0.33 0.23 Mtf= 2.37 0.10													CD2	94.49	302	eP	13	19.00	1.5
	Principal Axes:						SVA	7.86	309	ePc	01	56.00	1.1	INK	96.17	14	eP	13	23.50	-0.8
	T Val= 2.59 Plg=18 Azm=148						VUN	7.93	309	eP	01	55.40	-0.4	LZH	96.52	306	eP	13	25.00	-1.9
	N 0.28 72 325						RAR	14.34	85	P	03	13.00	-9.4X	YKA	97.84	24	eP	13	32.60	0.6
	P -2.87 1 58									S	05	40.00		YKC	97.88	24	eP	13	44.50	12.4X
	Best Double Couple:Mo=2.7*10**24						PVC	16.45	286	iPc	03	51.50	1.8	MBC	104.85	12	ePdiff	14	11.00	7.9X
	NP1:Strike=191 Dip=77 Slip= 168						NOU	17.03	269	iPc	03	55.70	-1.3	KJF	136.32	346	iPKP	19	31.00	12.6X
	NP2: 284 78 13						KOU	19.31	274	iPc	04	24.60	-0.1		1.0s		30.00nm			
							CTA	35.98	267	iPc	06	55.70	-3.5X	SUF	137.96	346	ePKP	19	21.00	-0.6
RAB	3.29	102	eP-	53	11.90	-2.7		1.0s		41.00nm			5.3mb	NUR	140.24	345	ePKP	19	23.00	-2.7
MDG	3.60	241	eP	53	18.00	-0.9	WB2	46.93	264	eP	08	24.70	-4.2X	NUR	140.24	345	ePKP	19	19.00	-6.7X
LAT	3.67	212	eP	53	21.50	1.5	WBN	52.70	254	eP	09	09.00	-4.1X		Z 19s		1.00um			5.6Msz
BGA	6.75	113	eP	54	03.00	-0.5		0.6s		13.00nm			5.1mb				e	19	30.00	
PAA	7.09	113	eP	54	09.00	0.7	KNA	53.17	267	eP	09	13.00	-3.6X				LR	02	00.00	
HNR	12.41	119	e(P)	55	10.00	-11.4X	NAU	63.34	256	iPd	10	24.80	-2.9	NB2	141.92	355	PKP	19	34.20	5.4X
CTA	16.69	189	iPc	56	20.80	3.7X	SPA	66.95	180	eP	10	51.60	1.1		0.9s		4.00nm			
	1.3s		52.88nm			4.5mb		1.0s		5.00nm			4.5mb	HFS	142.57	353	ePKP	19	24.30	-5.6X
			iS	59	24.00					e	13	17.00	779kmX		0.5s		0.90nm			
GUA	17.40	347	eP	56	25.00	-1.2	MAT	73.96	322	(P)	11	31.00	-2.1	MUD	146.62	356	ePKP	19	38.00	1.2
			eS	59	46.50		MWC	78.73	45	eP	12	08.00	7.8X		1.0s		8.00nm			
GUA	17.40	347	P	56	33.00	6.8X	PLM	78.99	46	eP	12	01.00	-0.6				i	19	50.00	
			S	00	07.00		RVR	79.03	46	eP	12	05.00	3.4X	COP	147.07	352	ePKP	19	39.00	1.5
GUMO	17.46	347	eP	56	25.00	-1.9	SBB	79.16	45	eP	12	15.00	12.6X				I	19	51.00	
			eS	59	47.50		ISA	79.35	44	eP	12	03.00	-0.4	KRA	150.71	340	ePKP	19	48.80	5.4X
MTN	19.91	241	eP	56	55.00	-1.0	JAS1	79.57	41	eP	12	04.10	-0.4				e	20	01.30	
WB2	21.67	220	eP	57	13.70	-0.3				e	12	17.50	46km	KSP	151.01	345	ePKP	19	49.50	5.7X
WRA	21.67	220	Pd	57	14.00	-0.1	TPC	79.98	46	eP	12	20.00	13.2X		1.0s		59.00nm			
	1.1s		60.30nm			4.9mb	ORV	80.00	39	eP	12	05.80	-0.9				id	20	02.30	
KOU	22.59	140	iPc	57	27.30	4.1X				e	12	19.40	47km	CLL	151.23	349	iPKP	19	49.80	5.7X
KNA	23.28	237	eP	57	31.00	1.0	CLC	80.00	44	eP	12	20.00	13.1X				i	20	02.50	
PVC	23.67	128	iPc	57	26.50	-7.2X	WDC	80.08	38	eP	12	08.10	1.0	BRG	151.48	348	iPKP	19	50.60	6.1X
ASPA	24.76	215	eP	57	45.00	0.7				e	12	20.20	40km		1.2s		23.00nm			

	Z	20s	1.00um			5.6Msz
	N	20s	0.50um			
	E	20s	1.50um			
			id	20	02.70	
JOS	151.85	338	ePKP	19	51.40	6.2X
MOX	152.10	351	e(PKP)	19	50.00	4.5X
	1.6s		31.00nm			
			e	20	04.00	
PRU	152.20	347	ePKP	19	52.00	6.4X
	Z	20s	1.00um			5.6Msz
	N	20s	0.30um			
	E	20s	1.00um			
			e	20	04.50	
ENN	152.46	359	e(PKP)	19	59.00	13.1X
MEM	152.62	358	PKP	20	05.90	19.8X
GRF	153.08	351	ePKP	19	42.80	-4.1X
	Z	21s	0.80um			5.5Msz
			e	20	06.40	
			e	20	18.50	
KHC	153.22	347	PKP	19	52.00	4.9X
			i	20	07.50	
			i	20	19.00	
			e	20	35.50	
KBA	155.21	346	iPKP	20	03.70	13.6X
	1.2s		16.70nm			
			i	20	29.30	
SKO	156.73	327	e(PKP)	19	59.90	7.8X
BNG	157.16	217	ePKPd	19	43.40	-10.1X
	0.7s		18.00nm			
			i	20	23.30	
	S.D. = 1.2		on 53 of 85 obs.			

FEB 17, 1985 03h 36m 30.37± 0.24s
5.087 N ± 4.1km 124.505 E ± 5.6km
DEPTH = 33.0km (normal)
5.3mb (17 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

DAV	2.25	28	iPd-	37	07.00	0.9
			iS	37	35.00	
CGP	3.35	3	iPd	37	22.80	1.1
KKM	8.31	277	ePc	38	31.80	0.2
	1.0s		72.00nm		5.7mb	
AAI	9.46	157	ePd	38	47.80	0.3
MAN	10.09	341	eP	39	45.30	49.1X
BAG	11.89	341	eP	39	29.00	8.1X
TRT	17.37	223	iPd	40	36.40	4.4X
	1.0s		87.30nm		4.8mb	
QIZ	19.91	315	eP	41	06.60	4.3X
LEM	20.59	235	ePd	41	16.00	6.4X
	1.0s		120.00nm		5.2mb	
KNA	21.13	169	iPd	41	14.10	-0.7
KGM	21.36	263	eP	41	19.00	1.8
IPM	23.40	270	ePc	41	40.70	3.3X
			e	41	48.10	
PPI	24.70	258	eP	41	53.00	3.0
LAT	25.30	117	eP	41	56.00	0.3
LOE	25.43	301	eP	42	04.00	7.1X
NNT	25.57	289	eP	42	02.30	4.1X
SSE	26.06	354	Pc	42	16.00	13.4X
	1.0s		33.00nm			
MBL	26.48	190	eP	42	06.00	-0.6
WRA	26.69	159	Pc	42	07.10	-1.4
	0.9s		53.70nm		5.2mb	
WB2	26.69	159	iPc	42	07.20	-1.4
			eS	46	49.80	
WHN	27.07	340	eP	42	12.50	0.6
			pP	42	27.50	62kmX
GYA	27.25	323	P	42	14.40	0.7
KHT	27.25	293	eP	42	13.30	-0.4
BDT	27.74	298	eP	42	16.20	-1.9
	0.9s		30.20nm		5.0mb	
CHG	28.43	301	eP	42	25.00	0.6
NAU	28.84	197	eP	42	28.00	0.0
KMI	28.86	316	eP	42	28.50	0.0
ASPA	30.01	163	eP	42	37.00	-1.6
WBN	31.11	176	iPc	42	48.10	0.0
	0.7s		92.00nm		5.7mb	
MEX	32.04	190	iPd	42	55.70	-0.6
	1.0s		50.00nm		5.4mb	
XAN	32.24	335	eP	42	56.60	-1.4
CD2	32.26	325	eP	42	57.70	-0.5
BGA	32.60	110	eP	43	00.50	-1.0
CTA	32.91	140	iPc	43	04.00	0.0
	1.0s		65.00nm		5.5mb	
PAA	32.94	110	eP	43	04.00	-0.4
MAT	33.74	20	eP	43	05.00	-6.0X
TIY	34.29	343	eP	43	14.40	-1.5
BJI	35.60	349	eP	43	25.00	-1.9
			pP	43	40.00	59kmX
KLG	35.79	184	iPc	43	28.50	-0.1
LZH	36.23	331	iPd	43	33.50	1.0
	1.5s		69.00nm		5.3mb	
BAL	36.27	191	iPd	43	32.00	-0.6
KLB	37.04	190	iPd	43	38.80	-0.3
BTO	37.68	342	eP	43	43.00	-1.5
MUN	37.70	192	eP	43	44.00	-0.6
NWAO	38.43	190	iPd	43	50.60	-0.2
STK	40.21	157	iPc	44	05.90	0.4
	0.7s		36.00nm		5.2mb	
GTA	40.81	330	eP	44	11.30	0.7
CMS	41.67	152	eP	44	18.00	0.4
ADE	42.03	162	iPc	44	21.40	0.9
	0.9s		99.16nm		5.5mb	
PKI	43.38	305	eP	44	32.00	-0.1
	1.2s		36.00nm		5.0mb	
KKN	43.57	306	eP	44	33.40	-0.1
	1.2s		68.00nm		5.3mb	
DMN	43.64	305	eP	44	34.80	0.7
	1.2s		47.00nm		5.1mb	
COO	44.09	145	eP	44	38.00	0.6
YOU	45.18	152	eP	44	47.00	0.9
CAN	46.32	152	iPc	44	56.50	1.4
HYB	46.57	289	eP	44	56.50	-0.9
			e	45	13.00	
TOO	46.72	157	eP	44	59.00	0.8
KOD	46.86	279	eP	45	00.50	0.5
WAM	46.99	153	eP	45	01.30	1.0
GBA	47.14	284	P	45	07.40	5.7X
WMQ	50.35	326	P	45	25.80	-0.6
NDI	50.53	303	eP	45	26.50	-1.3
TAU	52.06	159	iPc	45	39.30	0.1
QUE	59.55	302	eP	46	33.00	-0.6
MSZ	62.96	147	P	46	56.50	0.5
KRP	63.80	137	P	47	02.60	0.9
			e	47	37.00	
MHI	66.93	307	eP	47	22.00	-0.1
TAB	77.58	308	eP	48	26.00	0.8
TTA	80.70	27	eP	48	45.40	3.8X
IMA	82.05	24	eP	48	47.40	-1.3
COL	84.45	25	eP	49	03.00	2.2
NAI	87.82	269	eP	49	19.50	0.9
	1.0s		31.00nm		5.5mb	
SOD	88.37	337	eP	49	22.00	2.1
KJF	88.42	334	eP	49	16.00	-4.2X
	0.6s		13.00nm		5.4mb	
			i	49	34.00	
SUF	89.34	333	iP	49	17.10	-7.5X
INK	89.73	21	eP	49	23.00	-3.3X
NUR	90.45	331	eP	49	33.00	3.2X
			i	49	44.30	
MBC	91.12	12	eP	49	41.00	8.4X
NB2	96.59	333	P	49	54.30	-3.8X
	1.0s		4.00nm		4.9mb	
YKA	99 17	24	eP	50	15.10	5.5X
ALQ	117.72	46	ePKP	55	11.00	-4.7X
KIC	128.07	282	ePKP	55	34.30	-1.6
			e	55	50.80	
VBA	146.66	171	ePKPc	56	09.70	0.6
LNV	147.69	155	iPKP	56	13.50	2.7X
TACH	148.15	155	ePKP	56	14.50	2.9X
PCH	148.36	156	ePKPd	56	15.00	2.9X
BACH	148.60	155	ePKP	56	16.50	4.1X
PEL	148.70	155	iPKPc	56	16.00	3.4X
ROCH	148.71	154	ePKPd	56	16.60	3.8X
MDZ	149.67	157	iPKP	56	18.90	4.8X
TCA	152.52	163	ePKPd	56	24.90	6.5X
TPZ	159.28	143	PKP	56	31.10	3.4X
ITR	162.67	257	ePKP	56	29.20	-1.7
LPB	163.20	134	PKP	56	23.00	-8.8X
			LR	21	23.00	
	S.D. = 1.1		on 64 of 94 obs.			

* FEB 17, 1985 04h 00m 33.91± 2.66s
18.205 N ± 7.3km 100.671 W ±26.5km
DEPTH = 33.0km (normal)
GUERRERO, MEXICO (59)

III	1.16	81	iP	00	54.00	0.0
			iS	01	08.00	
CRX	1.52	38	iPc	00	59.80	0.4
ACX	1.54	150	eP	00	59.10	-0.3
			iS	01	24.80	
TPM	1.71	63	iP	01	02.50	0.5
			iS	01	23.00	
IIP	2.01	55	iP	01	06.50	0.0
IIC	2.05	40	iP	01	06.70	-0.4
IIT	2.38	70	iP	01	11.10	-0.7
PIO	3.02	126	eP	01	21.00	0.4
	S.D. = 0.5		on 8 of 8 obs.			

& FEB 17, 1985 06h 12m 16.25s
58.678 N 154.449 W
DEPTH = 25.0km
ALASKA PENINSULA (12)
<AGS-P>.

AUH	0.86	37	eP	12	30.96	-1.6
			iS	12	42.93	
AUL	0.88	36	eP	12	31.35	-1.4
			eS	12	41.89	
PDB	1.12	7	iP	12	34.77	-1.6
			iS	12	49.02	
KDC	1.39	131	eP	12	39.20	-1.0
ILM	1.72	28	eP	12	44.41	-0.6
			iS	13	07.07	
NNL	2.12	48	eP	12	51.16	0.5
BRLK	2.13	58	eP	12	50.62	-0.3
			iS	13	17.52	
RDT	2.17	28	eP	12	51.15	-0.3
SVW	2.51	347	eP	12	55.40	-0.9
NKA	2.63	37	eP	12	59.17	1.1
SPU	2.79	25	eP	13	00.08	-0.1
SLKM	2.83	48	eP	13	01.45	0.7
MPA	3.16	53	eP	13	07.38	1.9
SUA	3.36	32	eP	13	08.86	0.5
PTE	3.51	49	eP	13	11.26	0.8
PMS	3.56	42	eP	13	11.20	0.0
PWA	3.76	35	eP	13	16.40	2.5
PWL	3.79	52	eP	13	14.02	-0.4
PME	4.01	40	eP	13	16.50	-1.0
KNK	4.07	45	eP	13	18.30	-0.1
GHO	4.15	39	eP	13	19.38	-0.3
MSE	4.18	38	eP	13	20.56	0.4
TTA	4.34	350	eP	13	22.50	0.3
HIN	4.40	64	eP	13	22.75	-0.3
KLU	5.12	53	eP	13	32.58	-0.7
COL	6.99	24	eP	13	58.00	-1.6
YKA	19.70	62	eP	16	46.90	0.6
	27 obs. associated					

FEB 17, 1985 06h 20m 58.49± 0.81s
43.583 N ± 7.9km 21.570 E ± 9.4km
DEPTH = 5.0km (geophysicist)
YUGOSLAVIA (383)

BEO	1.48	327	iPg	21	25.60	-0.1
			iSg	21	44.60	
VTS	1.55	129	iP	21	27.00	0.3
SKO	1.61	183	iPn	21	28.50	0.8
			eSn	21	45.00	
VAY	2.38	162	ePn	21	37.80	-1.0
OHR	2.53	193	ePn	21	41.00	0.0
MMB	2.55	141	iPc	21	41.00	-0.2
			iS	22	22.00	
PVL	2.66	98	eP	21	43.00	0.2
KDZ	3.40	124	iP	22	42.00	48.7X
	S.D. = 0.7		on 7 of 8 obs			

& FEB 17, 1985 10h 33m 23.90s
40.720 N 121.545 W
DEPTH = 9.0km
NORTHERN CALIFORNIA (36)
<BRK>. ML 3.4 (BRK).
Mo=4.5•10••21 (BRK).

MIN	0.38	187	iPc	33	30.80	-0.9
WDC	0.77	260	iPc	33	37.70	-1.3
			eS	33	47.90	
LMPM	0.90	329	eP	33	40.30	-1.0
ORV	1.16	178	e(P)	33	44.40	-1.3
RMT	1.18	227	eP	33	44.00	-1.9
FHC	1.86	273	e(P)	33	59.40	3.2
WCN	1.97	135	eP	33	57.00	-0.9
JAS1	2.92	162	eP	34	11.20	-0.2
BMN	3.31	94	eP	34	14.30	-2.7
ARN	3.37	180	eP	34	16.50	-1.3
MNA	3.47	130	e(P)	34	19.00	-0.4
SLD	3.65	176	eP	34	18.00	-3.7
EUR	4.45	104	iP	34	32.00	-1.3
	0.2s		7.82nm			

17d 06h

13 obs. associated

FEB 17, 1985 10h 45m 26.84± 0.39s
36.619 N ± 4.3km 27.637 E ± 3.5km
DEPTH = 125.9 ± 4.3 km
4.6mb (32 obs.)
DODECANESE ISLANDS (369)

ELL	1.83	85	iPg	46	00.00	0.9
NPS	2.13	231	iPd	46	03.10	0.4
			eS	46	24.90	
PRK	2.84	338	iPd	46	12.00	0.2
DST	3 08	14	iPn	46	14.50	-0.6
TTK	3 16	6	iPn	46	15.60	-0.5
EZN	3.36	343	iPn	46	18.40	-0.4
ATH	3.41	295	iPc	46	20.50	1.2
			eS	46	54.90	
KCT	3.67	9	iPn	46	22.60	-0.3
EDC	3.73	3	iPn	46	22.80	-0.8
GPA	4.22	29	iP	46	30.90	0.5
ISK	4.58	14	iP	46	34.60	-0.5
CSS	4.91	108	eP	46	39.50	-0.2
			e	47	27.00	
DMK	5.20	1	iPn	46	42.80	-0.7
KDZ	5.32	341	iPd	46	44.00	-1.2
LIT	5.33	312	ePnc	46	46.60	1.2
SOH	5.37	323	ePn	46	47.30	1.4
THE	5.43	319	ePnc	46	48.00	1.4
SRS	5 49	326	ePn	46	48.30	0.8
MMB	5.82	330	iPc	46	52.00	-0.1
VLS	5.82	288	eP	46	52.00	-0.1
KNT	5.85	322	ePnd	46	53.70	1.2
KZN	5.89	310	iPc	46	54.50	1.3
GRG	5.96	318	iPnc	46	55.20	1.2
VAY	6.13	321	iP	46	57.40	1.1
PVL	6.79	345	iPd	47	06.00	0.7
VTS	6.88	332	iPc	47	07.00	0.5
OHR	6.97	312	eP	47	08.60	0.8
SKO	7.19	320	eP	47	11.00	0.3
CRI	7.26	121	eP	47	09.60	-2.1
JER	7.91	125	eP	47	19.00	-1.6
			eS	48	43.00	
TTG	8.69	314	eP	47	31.00	0.1
PRNI	8 77	133	eP	47	30.80	-1.3
BRT	9.19	301	e(Pn)	47	36.00	-1.7
ORI	9.43	295	ePn	47	39.00	-1.9
SGO	10 42	296	ePn	47	52.50	-1.5
GIB	10.94	281	e(Pn)	47	58.50	-2.4
AOU	12.39	302	e(P)	48	23.00	3.0X
MNS	12.90	301	e(P)	48	27.00	0.5
LJU	13.61	318	e(P)	48	36.00	0.3
TRI	13.83	315	eP	48	38.50	0.0
VOY	13.95	317	eP	48	41.90	1.8
			i	48	43.90	
			i	49	30.60	
KBA	14.90	319	ePd	48	53.00	0.8
	0.7s		34.60nm		4.7mb	
			i	48	55.90	
CTI	15.24	313	iPd	48	57.00	0.5
OGA	16.05	315	eP	49	08.40	1.7
KHC	16.17	325	iP	49	08.80	0.8
	1.2s		40.00nm		4.6mb	
			e	49	09.70	
PRU	16.38	329	eP	49	10.00	-0.5
KSP	16.38	334	eP	49	10.50	0.0
OSS	16.46	313	eP	49	14.50	2.8X
WET	16.51	324	eP	49	12.60	0.5
	1.0s		19.00nm		4.3mb	
FUR	16.67	319	iPc	49	14.00	-0.7
	0.8s		68.00nm		5.0mb	
GPO	17.07	321	ePn	49	18.80	-0.2
			e	49	20.50	
SAY	17.22	314	eP	49	21.10	-0.1
LLS	17 23	312	eP	49	21.60	0.4
BRG	17.30	330	iP	49	22.00	0.2
	1 0s		44.00nm		4.7mb	
			i	49	43.10	
FRF	17.47	300	eP	49	24.40	0.5
	0.6s		19.60nm		4.6mb	
MMY	17.48	309	eP	49	23.50	-0.8
LRG	17.64	299	eP	49	25.90	-0.1
	0.6s		9.30nm		4.2mb	
DIX	17.85	308	eP	49	28.10	-0.7
ZUL	17.90	313	eP	49	28 10	-1.1
CLL	18.02	329	iPd	49	29.90	-0.6
	1 1s		39.00nm		4.6mb	
MOX	18 14	326	eP	49	32.00	0.2
	1.6s		43.00nm		4.5mb	
EMS	18.15	308	eP	49	31.40	-0.8
BUH	18.62	316	eP	49	37.10	0.0
BSF	19.01	313	eP	49	39.90	-1.4
	0.4s		4.50nm		4.2mb	
CDF	19.02	315	eP	49	40.30	-1.1
	0.7s		27.30nm		4.7mb	
HAU	19.36	313	eP	49	44.00	-0.8
	0.5s		29.10nm		4.9mb	
WLF	20.30	317	Pc	49	54.80	0.4
SMF	20.34	307	iPc	49	53.70	-1.2
LBF	20.38	308	iPc	49	54.00	-1.4
	0.6s		21.20nm		4.7mb	
LOR	20.56	309	eP	49	56.00	-1.2
	0.8s		12.00nm		4.3mb	
AVF	20.71	307	iPc	49	57.50	-1.1
	0.8s		32.70nm		4.8mb	
SSF	20.71	308	iPc	49	57.60	-1.0
MEM	20.89	319	P	50	01.70	1.4
BGF	20.96	306	eP	50	00.50	-0.6
CAF	21.01	301	eP	50	01.30	-0.4
	1.0s		24.00nm		4.5mb	
MZF	21.02	305	eP	50	01.10	-0.6
	0.7s		22.80nm		4.7mb	
TCF	21.29	305	iPc	50	03.70	-0.7
	0.6s		21.20nm		4.7mb	
DOU	21.39	316	P	50	05.30	0.0
RJF	21.48	302	eP	50	05.80	-0.5
	0.5s		12.70nm		4.6mb	
LPO	21.56	300	eP	50	06.80	-0.3
	0.7s		16.90nm		4.5mb	
LSF	21.73	304	eP	50	08.30	-0.4
	0.7s		24.40nm		4.7mb	
LFF	21.93	301	eP	50	10.00	-0.7
	0.6s		10.60nm		4.4mb	
MFF	22.94	304	iPc	50	20.50	0.0
	0.6s		36.70nm		4.9mb	
LDF	23.54	309	eP	50	25.50	-0.8
	0.5s		48.10nm		5.2mb	
TAM	23.57	240	eP	50	29.50	2.5
FLN	23.82	309	eP	50	28.10	-0.9
LGR	23.89	293	eP	50	30.50	0.7
GRR	23.93	308	iPc	50	29.10	-1.0
LPF	23.93	307	iPc	50	29.10	-1.0
	0 6s		42.40nm		5.1mb	
TOL	25.03	287	eP	50	41.00	0.4
HFS	25.18	344	eP	50	40.70	-1.1
	0.4s		3.40nm		4.2mb	
NB2	26.57	342	P	50	54.70	0.2
	0.7s		1.80nm		3.8mb	
EKA	28.08	322	P	51	11.00	2.8
	0.7s		4.80nm		4.3mb	
BNG	33.10	197	iPc	51	54.90	2.2
	0.4s		7.00nm		4.8mb	
KIC	42.21	232	iPc	53	09.80	0.9
DMN	48.87	83	iPd	54	03.50	1.6
KKN	48.94	83	iPd	54	03.40	1.1
PKI	49.13	83	iPd	54	05.00	1.0
	0.7s		28.00nm		5.2mb	
GBA	49.93	104	Pd	54	09.90	0.2
	0.6s		13.00nm		5.0mb	
NNT	68.28	90	eP	56	17.10	0.7
YKA	76.66	343	eP	57	04.90	0.0
RLO	90.14	317	eP	58	14.80	0.9
TUL	90.75	317	ePc	58	17.50	0.8
	0.9s		7.50nm		4.8mb	
VSG	128.83	70	ePdiff	00	50.00	-17.4X
	S.D. = 1.0 on 101 of 104 obs.					

• FEB 17, 1985 11h 10m 11.88± 0.75s
3.607 S ±13.6km 148.997 E ± 9.8km
DEPTH = 33.0km (normal)
4.7mb (4 obs.)
BISMARCK SEA (203)

RAB	3.22	100	eP	11	00.60	-0.7
MDG	3.60	243	eP	11	06.00	-0.7
LAT	3.62	213	eP	11	08.00	1.0
CTA	16.60	189	iPc	14	11.80	8.0X
	1.3s		28.85nm		4.2mb	
			iS	17	17.00	
WB2	21.63	220	eP	15	00.70	-0.7
WRA	21.63	220	Pc	15	01.20	-0.3
	1.2s		29.60nm		4.6mb	
ASPA	24.71	215	eP	15	33.00	1.4
MEK	37.05	229	eP	17	20.00	-0.9
	0.7s		12.00nm		4.9mb	
HYB	72.52	289	eP	21	37.50	-0.5
GBA	73.00	285	P	21	41.00	0.2
	1.0s		20.00nm		5.1mb	
YKA	96.14	28	eP	23	38.60	1.2
	S.D. = 1.0 on 10 of 11 obs.					

• FEB 17, 1985 12h 53m 34.58± 0.58s
23.379 S ±16.2km 175.173 W ± 9.0km
DEPTH = 39.3km (2 depth phases)
4.8mb (9 obs.) 4.9Msz (1 obs.)
TONGA ISLANDS REGION (174)

SVA	7.93	310	eP	55	30.40	0.1
YSA	9.52	313	eP	55	31.00	-21.2X
AFI	9.95	19	P	55	48.00	-10.3X
			S	57	28.00	
RAR	14.42	84	P	56	49.00	-8.9X
			S	59	13.00	
PVC	16.45	287	iPc	57	25.50	1.4
NOU	16.97	270	iPc	57	31.90	1.1
KOU	19.26	274	iPc	58	06.30	7.5X
CTA	35.91	268	iPd	00	31.60	-1.7
	0.6s		7.67nm		4.8mb	
WB2	46.85	264	eP	02	00.30	-2.6
			i	02	58.70	277kmX
WRA	46.86	264	Pc	01	59.20	-3.8X
	0.6s		9.20nm		4.9mb	
KNA	53.10	267	eP	02	48.00	-2.8
NAU	63.24	256	eP	04	01.00	-0.6
SPA	66.76	180	e(P)	04	26.10	2.1
JAS1	79.76	41	P	05	39.00	-1.2
KGM	83.00	275	eP	05	58.00	0.3
BMN	83.26	41	eP	05	58.50	-0.1
	1.4s		10.00nm		4.7mb	
			pP	06	10.50	40km
EUR	83.44	42	iP	06	00.00	0.3
	0.8s		2.95nm		4.4mb	
MDJ	84.37	324	eP	06	04.50	0.6
IPM	86.12	277	ePd	06	14.50	1.2
CN2	86.17	321	Pc	06	12.80	-0.1
			pP	06	24.80	39km
			i	07	11.00	
LTX	86.43	56	P	06	15.00	0.3
TIA	87.14	311	Pc	06	17.90	0.1
ALQ	87.19	50	eP	06	18.00	-0.3
	1.0s		5.00nm		4.7mb	
	Z 19s		0.47um		4.9Msz	
TTA	87.35	9	P	06	09.50	-8.8X
	1.0s		8.75nm		5.0mb	
PNT	87.61	33	eP	06	20.00	0.2
	1.0s		22.00nm		5.4mb	
BDW	89.29	42	eP	06	27.20	-1.0
	1.0s		1.00nm		4.1mb	
BJI	89.77	314	eP	06	30.50	0.3
FBA	90.51	11	P	06	32.60	-0.5
LOE	90.68	289	eP	06	35.50	0.6
TIY	91.14	311	eP	06	37.60	0.9
XAN	91.95	306	eP	06	41.40	0.9
KMI	92.98	296	Pc	06	46.50	0.9
BDT	93.00	287	eP	06	43.50	-2.0
CHG	93.67	289	iPc	06	50.20	1.6
	1.0s		10.00nm		5.2mb	
MUD	146.80	356	iPKP	13	14.80	3.0X
	0.9s		12.00nm			
KRA	150.86	340	ePKP	13	24.50	6.2X
			e	13	35.80	
KSP	151.17	345	iPKPd	13	25.30	6.5X
			ic	13	36.30	
WTS	151.39	357	ePKP	13	28.00	9.0X
			e	13	37.00	
			e	14	12.00	
CLL	151.41	349	iPKPd	13	25.80	6.7X
	1.3s		22.00nm			
			i	13	36.60	
BRG	151.65	348	iPKPd	13	26.60	7.1X
	1.0s		24.00nm			
			i	13	36.50	
MOX	152.27	351	ePKP	13	28.00	7.6X
			e	13	39.00	
PRU	152.37	346	ePKP	13	29.00	8.4X
ENN	152.65	358	ePKP	13	29.00	8.1X
	1.0s		5.00nm			
			e	13	38.00	
			e	13	49.50	
GRA2	153.28	351	ePKP	13	41.60	19.7X
	0.9s		7.00nm			
KHC	153.39	347	ePKP	13	30.50	8.4X

		e	13 34.50		
		e	13 43.00		
WLF	153.74	358	PKPc	13 32.00	9.6X
S.D. = 1.3		on	28 of	46 obs.	

* FEB 17, 1985 14h 36m 31.20± 0.93s
18.777 S ± 8.6km 71.453 W ±12.6km
DEPTH = 33.0km (normal)
OFF COAST OF NORTHERN CHILE (121)

ARE	2.30	359	eP	37 07.00	-0.9
			iS	37 34.50	
TPZ	3.71	137	Pc	38 06.00	38.1X
CNCB	3.84	60	iP	37 31.50	1.5
			S	38 29.00	
LPB	3.90	56	Pc	37 30.00	-0.7
			S	38 29.00	
ANT	5.00	169	iP	37 46.00	0.1
YJA	6.52	122	e(P)	38 07.00	-0.8
SLA	8.11	138	ePc	38 36.00	6.3X
YKC	87.80	342	eP	49 18.00	0.2
YKA	87.85	341	eP	49 18.70	0.6
S.D. = 1.1		on	7 of	9 obs.	

& FEB 17, 1985 14h 53m 41.45s
61.624 N 149.775 W
DEPTH = 39.4km
SOUTHERN ALASKA (2)
<AGS-P>. ML 3.8 (PMR). Felt at Anchorage and Palmer.

PWA	0.06	299	eP	53 47.60	-0.2
PME	0.36	89	eP	53 50.10	-0.2
PMS	0.39	165	eP	53 50.20	-0.7
GHO	0.43	69	iP	53 51.01	-0.4
MSE	0.44	60	iP	53 51.15	-0.4
SUA	0.49	251	iP	53 51.29	-0.9
KNK	0.67	108	iP	53 54.18	-0.3
SML	0.71	74	iP	53 54.58	-0.6
PTE	0.84	154	iP	53 56.08	-0.9
SKT	0.91	294	iP	53 56.95	-0.9
PWL	1.04	137	iP	53 59.00	-0.7
CFI	1.06	114	iP	53 59.69	-0.3
CGLM	1.12	254	iP	54 00.45	-0.5
NKA	1.13	219	eP	54 02.07	1.0
SLKM	1.14	191	eP	53 59.85	-1.4
MPA	1.16	170	iP	54 00.26	-1.1
SPU	1.18	249	iP	54 01.16	-0.7
SCM	1.18	79	iP	54 01.77	-0.1
TTV	1.40	113	iP	54 05.28	0.4
GLI	1.50	119	iP	54 05.96	-0.3
SEW	1.53	174	eP	54 05.49	-1.2
VZW	1.65	109	iP	54 08.07	-0.4
			iS	54 30.14	
RDT	1.66	232	iP	54 07.91	-0.7
			iS	54 29.78	
VLZ	1.73	105	eP	54 09.00	-0.5
NNL	1.75	206	eP	54 09.79	-0.1
FID	1.82	117	eP	54 09.64	-1.3
KLU	1.85	92	iP	54 10.84	-0.5
BRLK	1.94	197	iP	54 11.34	-1.4
			eS	54 35.52	
HIN	2.01	126	iP	54 12.82	-0.9
MTG	2.05	146	eP	54 13.84	-0.3
ILM	2.07	227	eP	54 13.66	-0.9
SGAM	2.49	115	eP	54 18.84	-1.6
MID	2.78	141	eP	54 28.86	4.3
PDB	2.85	232	eP	54 23.81	-1.7
SVW	2.86	262	eP	54 24.40	-1.4
TTA	3.20	297	eP	54 28.10	-2.5
COL	3.41	14	iP	54 33.10	-0.4
FBA	3.41	14	eP	54 32.20	-1.3
BALM	3.63	96	eP	54 34.81	-1.9
IMA	4.78	341	eP	54 51.70	-1.4
PNL	5.47	106	eP	55 00.50	-2.1
INK	9.58	39	eP	56 00.00	0.2
YKA	16.38	71	eP	57 30.30	0.5
MBC	17.90	23	eP	57 48.00	-0.6
NEW	22.73	111	P	58 40.50	-0.2
45 obs. associated					

* FEB 17, 1985 15h 20m 33.25± 0.87s
8.183 S ± 9.4km 117.774 E ±11.2km
DEPTH = 33.0km (normal)
SUMBAWA ISLAND REGION (285)

MKS	3.39	30	e(P)d	21 25.00	-0.2
TRT	5.11	275	iPd	21 49.60	0.0
			iS	22 48.40	
MBL	13.05	171	eP	23 38.00	-1.1
NAU	14.45	188	eP	23 58.00	0.6
WB2	19.86	128	eP	25 05.20	0.6
S.D. = 1.0		on	5 of	5 obs.	

? FEB 17, 1985 15h 53m 26.14± 2.99s
66.228 N ±26.5km 150.033 W ±15.7km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.1 (PMR).

IMA	1.49	266	eP	53 53.60	0.5
FBA	1.63	144	eP	53 54.00	-0.9
TTA	4.20	221	eP	54 30.60	-1.0
PWA	4.60	179	eP	54 38.00	0.8
PME	4.64	174	eP	54 39.00	1.1
PMS	5.01	177	eP	54 35.40	-7.7X
SVW	5.71	208	eP	54 52.50	-0.5
INK	6.73	65	eP	55 04.00	-3.3X
S.D. = 1.2		on	6 of	8 obs.	

% FEB 17, 1985 16h 07m 58.43± 0.85s
40.103 N ± 6.9km 29.326 E ± 6.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

YLV	0.46	4	iPg	08 07.40	-0.5
			iSg	08 13.70	
DST	0.73	227	iPg	08 12.40	-0.4
			iSg	08 20.90	
KCT	0.76	281	iPg	08 13.80	0.6
			iSg	08 27.80	
GPA	0.78	76	iPn	08 13.90	0.3
ISK	0.98	348	iPn	08 17.00	-0.1
EDC	1.15	283	iPg	08 19.80	-0.1
			iSg	08 32.80	
CTT	1.25	327	iPn	08 21.80	0.2
S.D. = 0.5		on	7 of	7 obs.	

FEB 17, 1985 16h 13m 29.08± 0.63s
38.070 N ± 8.6km 106.294 E ± 6.4km
DEPTH = 33.0km (normal)
4.2mb (2 obs.)
NORTHERN CHINA (323)

LZH	2.78	225	Pn	14 14.50	2.0
			Pg	14 19.00	
			Sn	14 51.00	
			Sg	14 54.00	
BTO	3.84	48	ePn	14 26.80	-0.5
			Pg	14 36.60	
			Sg	15 25.80	
XAN	4.55	151	ePn	14 37.40	-0.1
			Pg	14 51.80	
			Sn	15 29.00	
			Sg	15 46.80	
TIY	4.87	92	ePn	14 41.20	-0.8
			iPg	14 55.60	
			Sg	15 54.90	
HHC	4.93	54	Pnd	14 44.20	1.3
			Pg	14 57.60	
			Sg	15 57.80	
GTA	5.24	287	Pn	14 46.90	-0.4
			Pg	15 01.00	
			Sn	15 47.10	
			Sg	16 15.10	
WHN	10.03	136	eP	15 55.00	1.1
GYA	11.58	178	P	16 13.60	-1.6
WMQ	15.17	298	P	17 07.30	4.7X
KKN	20.36	246	eP	18 05.60	-0.1
0.6s		8.00nm		4.2mb	
PKI	20.39	245	eP	18 05.60	-0.6
DMN	20.59	246	eP	18 07.80	-0.3
0.6s		6.00nm		4.1mb	
S.D. = 1.2		on	11 of	12 obs.	

* FEB 17, 1985 18h 33m 48.77± 1.70s
39.499 N ±15.0km 28 641 E ± 8.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.11	354	iPg	33 50.40	-1.2
			iSg	33 52.90	
KCT	0.78	344	iPg	34 04.00	0.0
			iSg	34 12.20	
YLV	1.21	28	iPn	34 11.10	-0.2
GPA	1.51	58	iPn	34 15.90	0.1
ISK	1.60	11	iPn	34 17.70	0.6
CTT	1.65	354	iPn	34 18.60	0.7
EZN	1.82	281	iPn	34 19.90	-0.4
KDZ	3.30	312	iP	34 48.00	6.5X
DIM	3.44	319	eP	34 52.00	8.5X
MMB	4.29	301	eP	34 56.00	0.4
PVL	4.48	325	eP	35 03.00	4.8X
VTS	5.15	309	eP	35 22.00	14.3X
S.D. = 0.7		on	8 of	12 obs.	

FEB 17, 1985 18h 58m 16.93± 0.59s
13.638 N ± 6.2km 120.827 E ±11.1km
DEPTH = 143.5 ± 5.8 km
4.5mb (9 obs.)
MINDORO, PHILIPPINE ISLANDS (250)

PGP	0.18	138	iPc	58 37.00	-0.6
PPR	4.35	208	iPd	59 23.50	1.1
			iS	59 42.00	
PIP	4.67	358	iPd	59 27.00	0.4
TRT	22.71	201	iPd	03 11.10	3.9X
0.5s		24.00nm		4.9mb	
MBL	34.59	182	eP	04 54.00	0.0
PKI	35.79	298	eP	05 04.00	-0.6
0.5s		8.00nm		4.7mb	
WRA	35.92	158	Pd	05 04.50	-0.8
0.5s		1.70nm		4.1mb	
WB2	35.93	158	eP	05 05.00	-0.3
KKN	35.96	299	eP	05 05.40	-0.4
0.6s		8.00nm		4.7mb	
DMN	36.06	298	eP	05 06.40	-0.3
0.5s		6.00nm		4.6mb	
MEK	40.07	183	eP	05 40.00	0.2
GBA	42.13	275	Pd	05 57.00	0.2
0.7s		4.20nm		4.2mb	
KLG	44.17	179	eP	06 13.00	-0.1
0.4s		4.00nm		4.4mb	
SUF	80.13	332	iP	10 11.40	-0.6
0.5s		2.20nm		4.2mb	
HFS	86.59	331	eP	10 45.30	0.4
0.5s		2.50nm		4.4mb	
YKA	92.79	23	eP	11 15.30	1.4
S.D. = 0.7		on	15 of	16 obs.	

FEB 17, 1985 19h 40m 48.00± 0.32s
19.249 S ± 5.6km 168.416 E ± 6.4km
DEPTH = 33.0km (normal)
5.0mb (12 obs.)
VANUATU ISLANDS (186)

NOU	3.56	211	iPd	41 41.50	-0.7
			iS	42 17.50	
KOU	4.10	251	iPc	41 47.80	-2.2
			iS	42 35.60	
NDF	8.70	82	eP	42 58.00	3.4X
YSA	9.08	75	eP	43 11.80	12.0X
HNR	12.74	319	eP	43 48.00	-1.7
VSG	13.03	319	eP	43 53.00	-0.5
			eS	43 59.00	
SVO	13.04	319	eP	43 53.00	-0.7
PAA	18.00	314	eP	44 59.50	2.0
BGA	18.32	314	eP	45 03.00	1.5
COO	18.73	230	eP	45 08.00	1.6
KRP	19.62	163	P	45 17.00	0.4
AFI	19.71	77	e(P)	45 17.00	-0.8
CTA	20.89	264	iPd	45 30.90	0.9
1.0s		136.00nm		5.3mb	
			iS	49 25.00	
GNZ	21.85	159	eP	45 32.00	0.5
PMG	22.78	292	eP	45 50.00	1.1
CAN	23.47	223	iPd	45 57.50	1.9
			e	46 04.10	
CMS	23.72	235	eP	45 59.00	1.6
WAM	24.09	222	iPd	46 03.20	1.7
TOO	27.08	223	eP	46 30.00	0.4
STK	27.19	237	iPd	46 31.00	0.4
TAU	29.55	212	eP	46 51.00	-0.8
WB2	32.07	263	eP	47 11.00	-3.3X
WRA	32.08	263	Pc	47 10.10	-4.3X
0.6s		11.00nm		4.9mb	
ASPA	32.37	256	iPd	47 15.50	-1.4
0.7s		68.00nm		5.7mb	
WBN	39.08	252	eP	48 13.00	-0.9
0.6s		22.00nm		5.1mb	
MBL	45.49	259	eP	49 06.00	-0.3

17d 19h

MEK	46.28	251	iPc	49	12.00	-0.5			1.0s	145.00nm					WBN	22.42	198	eP	41 50.00	0.4
	1.0s	50.00nm			5.4mb		ECP	146.88	354	iPKPc	00	35.30	8.9X	QCP	23.16	327	eP	42 02.00	5.2X
KLB	47.00	244	eP	49	17.00	-1.1		1.1s	170.00nm					BAG	24.89	328	eP	42 13.90	0.1
NWAO	47.52	243	eP	49	21.00	-1.2	CTI	147.12	330	e(PKP)	00	28.00	0.8	NAU	25.18	224	eP	42 16.00	-0.3
RKG	47.78	241	eP	49	24.00	-0.2	BNG	147.13	247	iPKPd	00	29.40	1.4		0.5s	23.00nm			5.0mb
BAL	47.87	246	iPc	49	23.80	-1.2		0.9s	57.00nm					HNR	26.12	102	eP	42 30.00	4.9X
MUN	48.34	244	eP	49	27.00	-1.6				i	00	55.20					eS	47 10.00	
NAU	49.34	256	iPc	49	36.50	0.1	CDF	147.15	337	ePKP	00	28.80	1.7	MEK	26.29	213	eP	42 27.00	0.4
	0.5s	5.00nm			4.8mb		BSF	147.81	337	ePKP	00	30.70	2.5	LEM	26.36	264	ePc	42 31.00	3.5X
MAT	62.40	333	iPd	51	08.30	-1.7	HAU	147.83	337	ePKP	00	30.80	2.7X		1.0s	50.00nm			5.1mb
	1.0s	17.00nm			5.1mb		SAL	147.98	330	e(PKP)	00	31.00	2.7X				eS	47 08.00	
SPA	70.87	180	eP	52	02.20	-1.4	SGO	148.68	318	ePKP	00	33.00	3.4X	STK	27.89	166	eP	42 41.00	-0.1
	1.0s	15.00nm			5.0mb		ORO	149.11	333	e(PKP)	00	34.00	3.6X	KLG	28.47	203	eP	42 45.00	-1.3
WHN	71.78	313	eP	52	09.00	-0.3	MNS	149.12	324	e(PKP)	00	33.50	3.2X	CMS	28.80	159	eP	42 55.00	5.7X
MDJ	72.76	332	eP	52	12.50	-2.4	FLN	149.22	346	iPKPc	00	33.70	3.5X	ADE	30.36	172	eP	43 03.70	0.4
TIA	73.44	319	eP	52	19.00	0.0	LDF	149.29	345	iPKPc	00	33.90	3.5X		1.0s	40.00nm			5.2mb
CN2	74.06	329	eP	52	21.60	-0.8	LOR	149.33	339	iPKPc	00	34.50	4.0X	BAL	30.46	210	eP	43 04.00	-0.1
LOE	74.95	295	eP	52	27.00	-1.1	LBF	149.54	339	ePKP	00	35.00	4.1X	KLB	30.76	208	eP	43 06.00	-0.7
GYA	75.19	305	eP	52	30.00	0.5	SSF	149.63	339	iPKPc	00	35.30	4.4X	KGM	31.42	282	ePd	43 10.00	-2.8
BJI	76.46	321	eP	52	36.00	-0.2	GRR	149.66	346	ePKP	00	34.90	4.0X	MUN	31.82	210	eP	43 16.00	-0.1
TIY	77.32	318	eP	52	44.00	2.9	SMF	149.88	339	ePKP	00	35.80	4.5X	NWAO	32.11	207	eP	43 19.00	0.3
KMI	77.62	302	Pc	52	44.50	1.2	AVF	149.92	339	ePKP	00	35.70	4.4X	RKG	33.18	206	eP	43 34.00	6.1X
CHG	77.95	295	eP	52	46.00	1.1	LPF	150.04	346	iPKPc	00	36.00	4.5X	HKC	33.19	325	eP	43 46.00	17.9X
CD2	79.63	306	eP	52	54.20	0.3	BGF	150.29	340	iPKPc	00	36.90	5.0X				eS	49 05.00	
LZH	82.16	312	Pc	53	09.00	1.7	MZF	150.68	340	iPKPc	00	37.90	5.3X	KOU	33.33	121	iPc	43 35.10	5.8X
GTA	86.57	314	P	53	30.30	0.9	TCF	150.74	340	iPKPc	00	37.90	5.2X	CAN	33.40	157	eP	43 40.50	10.6X
COL	90.31	17	eP	53	43.00	-3.5X	LSF	150.98	341	iPKPc	00	38.20	5.2X	WAM	34.13	158	iPc	43 37.40	1.2
BMN	90.99	47	eP	53	46.00	-4.3X	MFF	151.14	344	ePKP	00	38.50	5.3X	IPM	34.26	285	ePc	43 37.10	-0.4
	0.9s	2.15nm			4.5mb		CAF	151.99	339	ePKP	00	40.90	6.3X	TOO	34.29	164	eP	43 38.00	0.4
EUR	91.48	49	iP	53	53.00	0.3	LFF	152.41	341	ePKP	00	41.90	6.8X	NOU	35.88	122	iPc	43 58.00	6.7X
	1.0s	1.54nm			4.4mb			S.D. = 1.2	on	74 of 110 obs.				PVC	35.92	114	iPc	43 51.50	-0.1
PKI	92.79	298	eP	53	59.40	0.2								SSE	37.71	342	Pc	44 13.50	7.0X
KKN	92.98	298	eP	53	59.80	0.0		FEB 17, 1985 21h 36m 52.12± 0.28s							E 16s	2.00um			
	0.9s	7.00nm			5.1mb			4.762 S ± 4.7km 134.038 E ± 5.2km									eS	50 04.00	
DMN	93.06	298	eP	54	00.70	0.4		DEPTH = 33.0km (normal)						NNT	38.20	297	eP	44 11.00	0.2
GBA	95.30	282	Pc	54	10.50	0.1		5.2mb (17 obs.) 5.5Msz (3 obs.)						LOE	38.77	305	eP	44 14.00	-1.6
	0.9s	5.50nm			5.0mb			WEST IRIAN REGION					(196)	SHK	39.10	358	eP	44 20.00	1.9
YKA	101.03	27	ePdiff	54	34.90	-0.5		CENTROID, MOMENT TENSOR					(HRV)	NJ2	39.36	339	Pc	44 23.60	3.3X
YKC	101.09	27	ePdiff	54	35.00	-0.6		Data Used: GDSN									S	50 21.00	
BRG	142.53	333	e(PKP)	00	16.00	-3.1X		L.P.B.: 7S, 17C						WHN	39.84	333	eP	44 26.00	1.7
VAY	143.56	315	ePKP	00	17.00	-4.2X		Centroid Location:						KHT	40.14	300	eP	44 27.30	0.3
WIT	143.61	341	e(PKP)	00	28.50	7.6X		Origin Time 21:36:55.8 0.9						GYA	40.82	321	P	44 32.60	0.1
MOX	143.66	335	ePKP	00	23.00	1.9		Lat 4.40S 0.10 Lon 133.45E 0.08									S	50 48.00	
	1.6s	25.00nm						Dep 27.2 6.8 Half-duration 2.3						BDT	40.93	303	eP	44 30.00	-3.4X
			e	00	27.50			Moment Tensor; Scale 10**24 D-CM							1.0s	46.20nm			5.2mb
SKO	144.00	316	ePKP	00	19.50	-2.5		Mrr=-0.62 0.08 Mtt=-1.30 0.12						MAT	41.27	5	eP	44 40.00	4.0X
WTS	144.28	340	e(PKP)	00	34.00	12.0X		Mff= 1.91 0.15 Mrt= 0.88 0.25							1.1s	12.66nm			4.6mb
	1.0s	11.00nm						Mrf=-0.57 0.23 Mtf= 0.96 0.09							Z 20s	3.55um			5.2Msz
GRF	144.57	334	ePKP	00	21.40	-1.3		Principal Axes:									eS	50 50.00	
			e	00	26.60			T Val= 2.22 Plg= 7 Azm=104						CHG	41.76	305	iPd	44 40.20	0.0
OHR	144.84	315	ePKP	00	21.10	-2.4		N -0.01 56 3							1.3s	24.04nm			4.8mb
BNS	145.04	339	ePKP	00	26.40	3.0X		P -2.20 33 198									eS	51 02.00	
TNS	145.22	337	ePKP	00	24.00	0.2		Best Double Couple:Mo=2.2*10**24						KMI	42.51	316	Pd	44 47.00	0.4
DMU	145.23	355	ePKP	00	22.40	-1.2		NP1:Strike=236 Dip=62 Slip= -19							N 16s	0.90um			
	0.8s	55.00nm						NP2: 335 73 -151									sP	45 12.50	
KBA	145.57	329	iPKPc	00	23.70	-1.0											eS	51 11.00	
	1.1s	30.70nm					AAI	5.92	280	ePd	38	19.20	-0.7				sS	51 37.50	
			i	00	28.80		TZZ	7.17	94	eP	38	35.00	-2.5	TIA	43.73	340	eP	44 55.30	-0.8
			i	00	34.80		MTN	8.53	199	eP	38	53.00	-3.4X	XAN	45.30	330	eP	45 08.70	-0.1
			i	00	45.80			0.4s	185.00nm				6.6mb X				S	51 47.00	
ENN	145.62	340	ePKP	00	25.50	1.1	WEW	9.64	83	eP	39	09.00	-2.6	CD2	45.77	323	P	45 12.50	0.0
	1.0s	31.00nm					KNA	12.09	205	eP	39	40.00	-5.0X				eS	51 54.00	
DDK	145.69	354	iPKPc	00	23.70	-0.7	PMG	13.81	110	eP	40	04.50	-3.4X	TIY	46.79	336	eP	45 21.00	0.4
LJU	145.69	327	ePKP	00	24.80	0.1		1.0s	180.00nm				5.8mb				S	52 13.50	
			e	00	29.30		DAV	14.49	324	eP	40	15.00	-1.8	SNY	47.34	349	eP	45 27.00	2.3
			e	01	31.30					eS	43	10.00					S	52 19.00	
MEM	145.73	340	PKP	00	25.20	0.6	MKS	14.52	268	ePd	40	20.50	3.3X	BJI	47.52	341	eP	45 26.00	-0.1
DLE	145.80	355	ePKP	00	23.50	-1.1	WB2	15.09	179	eP	40	19.20	-5.6X		N 17s	1.80um			
	0.8s	40.00nm								i	40	29.30					eS	52 12.00	
DCN	145.81	355	iPKPc	00	23.60	-1.0				iS	43	01.40		CN2	48.96	352	eP	45 36.00	-1.2
	0.8s	165.00nm					CGP	16.10	325	eP	40	36.00	-1.7				S	52 41.00	
ZCV	146.03	328	ePKP	00	25.60	0.2	ALOA	17.10	110	eP	40	50.00	-0.4	MDJ	49.32	356	P	45 40.00	0.0
			i	00	34.10		ASPA	18.80	180	eP	41	07.00	-4.4X				eS	52 45.00	
UCC	146.07	342	PKP	00	28.00	2.9X		0.8s	360.00nm				5.6mb	LZH	49.51	328	Pc	45 43.00	1.2
			e	00	35.00		CTA	19.33	143	iPc+	41	17.20	-0.5		2.0s	17.00nm			4.7mb
ETA	146.36	354	ePKP	00	25.80	0.3		0.9s	63.03nm				4.9mb		E 11s	0.90um			
	1.3s	125.00nm								iS	44	44.00					S	52 51.00	
ETA	146.36	354	iPKPc	00	34.20	8.7X	PPR	21.00	313	eP	41	41.00	5.7X	MSZ	49.60	149	eP	45 50.00	7.8X
	0.9s	50.00nm					BGA	21.09	95	eP	41	39.00	2.6	BTO	50.23	336	eP	45 49.70	2.5
WLF	146.49	339	PKP	00	26.90	1.1	GUA	21.14	31	eP	41	37.10	0.3				S	53 00.00	
			e	00	33.00			0.9s	329.41nm				5.7mb	LSA	53.51	313	P	46 13.00	0.5
DOU	146.62	341	PKP	00	27.00	0.9				eS	45	31.00					S	53 43.50	
ECB	146.74	355	iPKPc	00	26.00	-0.1	GUMO	21.16	30	eP	41	36.10	-0.9	GTA	54.11	327	P	46 16.80	0.5
	1.0s	115.00nm								eS	45	35.00					S	53 53.00	
ECB	146.74	355	iPKPc	00	34.30	8.2X	MBL	21.35	219	iPc	41	38.50	-0.3	PKI	56.86	307	eP	46 36.00	-0.7
	1.1s	130.00nm					TRT	21.47	261	iPc	41	42.00	1.9		1.2s	27.00nm			5.2mb
ECP	146.88	354	iPKPc	00	26.80	0.4	PGP	22.32	325	ePc	41	50.00	1.5	KKN	57.06	307	eP	46 36.40	-1.6

	1.2s	60.00nm		5.5mb		
DMN	57.11	307	eP	46	38.10	-0.3
	1.0s	37.00nm		5.4mb		
HYB	59.03	293	eP	46	50.50	-1.2
GBA	59.06	289	Pd	46	50.30	-1.6
	1.3s	38.20nm		5.4mb		
POO	63.64	293	eP	47	21.60	-1.2
WMO	63.83	324	P	47	24.00	0.3
NDI	63.91	305	eP	47	22.50	-1.9
KSH	69.14	315	P	47	58.00	0.4
			eS	57	04.00	
QUE	72.86	303	eP	48	22.00	1.7
			ePP	48	29.00	
			eS	58	00.00	
MHI	80.45	308	iPd	49	03.70	1.1
			eS	59	20.00	
SHI	84.98	300	eP	49	26.00	-0.1
SPA	85.27	180	eP	49	27.60	0.8
	1.0s	15.00nm		5.2mb		
	Z 19s	5.19um		5.9Msz		
TAB	91.10	308	eP	50	12.00	16.8X
NAI	97.10	268	eP	50	25.00	1.7
MBC	98.52	13	eP	50	28.50	0.4
	0.7s	4.00nm		5.1mb		
BNG	115.72	273	ePKPd	55	34.90	0.9
	1.2s	21.00nm				
			i	56	43.20	
SLA	145.07	148	ePKPc	56	29.80	1.0
TPZ	145.70	140	ePKPc	56	45.00	14.8X
YJA	147.10	145	ePKP	56	36.00	3.4X
ARE	147.10	130	ePKP	56	36.00	3.5X
PSO	148.48	95	ePKP	56	40.50	5.5X
CNCB	149.45	135	PKP	56	44.00	7.4X
LPB	149.56	134	PKP	56	43.00	6.5X
	Z 18s	0.69um		5.5Msz		
			LR	48	20.00	
CHN	150.45	88	ePKP	56	40.00	2.3X
BOG	151.99	89	ePKP	56	55.00	14.8X
	S.D. = 1.2	on	66 of	96 obs.		

? FEB 17, 1985 21h 47m 06.78± 4.25s
66.283 N ±38.2km 149.889 W ±21.7km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.7 (PMR).

IMA	1.55	264	eP	47	35.20	0.6
FBA	1.64	147	eP	47	35.00	-0.7
TTA	4.28	221	eP	48	11.00	-2.4
PWA	4.65	180	eP	48	20.50	1.8X
PME	4.69	175	eP	48	20.30	1.1
PMS	5.06	178	eP	48	27.00	2.5X
SVW	5.78	209	eP	48	36.20	1.5
INK	6.65	65	eP	48	45.00	-1.9X
	S.D. = 2.3	on	5 of	8 obs.		

• FEB 17, 1985 22h 40m 38.97± 1.79s
8.610 S ± 9.5km 77.814 W ±21.2km
DEPTH = 139.6 ± 16.3 km
PERU (116)

OUT	8.37	356	P	42	39.50	0.5
PSO	9.75	3	eP	42	55.50	-1.9
ARE	9.95	142	eP	43	02.00	2.0
LPB	12.32	131	P	43	31.00	-0.3
CNCB	12.58	131	eP	43	33.50	-1.3
BOG	13.67	16	eP	43	50.00	1.4
YJA	17.94	140	ePc	44	39.80	-1.8
SDV	18.79	23	eP	44	50.50	0.0
TOV	19.94	24	eP	45	02.60	0.3
CAR	21.86	30	eP	45	22.30	0.8
ATB	25.99	80	e(P)	46	06.50	5.9X
BAO	29.96	106	e(P)	46	37.00	0.5
ITR	38.93	93	eP	47	52.70	-0.4
			e	48	40.00	
YKA	76.35	343	eP	52	13.00	-0.9
SPA	81.45	180	e(P)	52	43.00	1.4
MBC	88.12	351	eP	53	19.00	4.6X
MBC	88.12	351	eP	53	14.00	-0.4
	S.D. = 1.3	on	15 of	17 obs.		

FEB 17, 1985 22h 40m 42.82± 0.50s
39.059 N ± 6.8km 139.199 E ± 5.8km
DEPTH = 207.2 ± 6.2 km
4.4mb (10 obs.)
NEAR WEST COAST OF HONSHU, JAPAN(226)

AKI	0.96	46	eP	41	13.00	-0.3
			eS	41	36.00	
MAT	2.63	198	iPc	41	29.70	0.7
			iS	42	04.80	
TSK	2.93	165	eP	41	31.40	-1.1
DDR	3.06	180	eP	41	33.80	-0.2
			e	42	14.30	
SRY	3.45	179	eP	41	39.60	1.0
OYM	3.63	179	eP	41	40.90	0.0
KYS	3.93	169	eP	41	43.40	-1.1
CN2	11.36	299	eP	43	21.00	0.8
DL2	13.67	275	P	43	52.10	2.6
SSE	16.73	247	Pd	44	29.00	2.2
	1.0s	44.00nm		4.8mb		
TIA	17.71	268	Pc	44	36.40	-1.1
BJI	17.78	280	iPc	44	36.00	-2.2
NJ2	17.95	253	Pd	44	40.00	0.0
TIY	21.00	275	eP	45	09.60	-1.5
WHN	22.05	255	eP	45	21.00	-0.2
BTO	22.42	283	eP	45	24.00	-0.9
XAN	24.77	268	eP	45	45.80	-1.3
LZH	28.07	275	eP	46	16.00	-1.1
GYA	29.94	255	P	46	33.60	-0.1
GTA	30.34	283	P	46	36.60	-0.5
CHG	40.18	252	eP	48	01.50	1.1
KKN	45.79	273	iP	48	46.40	0.7
PKI	45.80	272	P	48	46.20	0.3
	0.6s	10.00nm		4.4mb		
DMN	46.01	273	P	48	48.20	0.7
	0.4s	8.00nm		4.5mb		
INK	53.41	28	eP	49	43.00	0.3
MBC	55.09	17	ePc	49	54.50	-0.4
	1.0s	12.00nm		4.6mb		
HYB	56.56	266	eP	50	06.50	0.4
QUE	58.70	285	eP	50	21.80	0.7
WB2	58.87	185	eP	50	21.80	-0.1
WRA	58.87	185	Pc	50	21.30	-0.6
	0.4s	2.00nm		4.2mb		
GBA	59.68	263	Pd	50	27.70	0.0
	0.7s	13.00nm		4.8mb		
YKA	62.94	30	eP	50	49.40	0.6
YKC	63.00	30	eP	50	49.00	-0.2
KJF	63.93	333	eP	50	55.00	-0.2
SUF	65.39	332	iP	51	04.10	-0.5
NUR	67.34	331	eP	51	16.00	-0.9
PNT	67.93	44	eP	51	21.00	0.1
	0.5s	3.00nm		4.3mb		
NB2	71.64	336	P	51	42.80	-0.3
	0.6s	0.90nm		3.7mb		
FFC	72.94	32	eP	51	51.00	0.3
	0.7s	5.00nm		4.4mb		
FRB	75.19	12	eP	51	51.00	-12.5X
ALQ	84.60	49	eP	52	56.50	2.3
	1.0s	6.25nm		4.3mb		
ITR	149.76	355	e(PKP)	59	58.00	-6.7X
	S.D. = 1.0	on	40 of	42 obs.		

• FEB 17, 1985 22h 52m 47.62± 1.89s
39.482 N ±22.6km 24.047 E ±11.6km
DEPTH = 16.9 ± 8.5 km
AEGEAN SEA (365)

PAIG	0.53	328	iPgc	52	57.90	-0.1
			iSg	53	06.50	
LIT	1.35	298	ePbd	53	11.60	-0.1
			eSb	53	29.80	
THE	1.42	324	ePb	53	12.60	0.0
SOH	1.44	339	ePb	53	12.90	-0.1
			eSb	53	35.00	
EZN	1.79	78	iPn	53	18.00	0.0
KNT	1.89	333	ePn	53	19.60	0.1
			eSn	53	48.60	
GRG	1.94	320	ePn	53	20.40	0.2
	S.D. = 0.2	on	7 of	7 obs		

FEB 17, 1985 23h 06m 57.23± 0.46s
24.617 N ± 6.6km 85.558 E ± 6.0km
DEPTH = 33.0km (normal)
4.8mb (8 obs.)
NORTHERN INDIA (308)

PKI	2.95	357	iPnd	07	44.00	0.9
DMN	3.01	352	iPnd	07	45.20	1.3
KKN	3.17	356	iPnd	07	47.10	1.0
LSA	7.10	43	P	08	42.50	0.6
NDI	8.49	300	iPd	08	58.00	-2.9
			iS	10	28.50	

HYB	9.70	224	ePn	09	18.00	0.4
	0.8s	38.50nm		5.7mb		
			eSn	10	59.50	
POO	12.46	243	ePn	09	54.80	-0.3
			eS	12	07.40	
BOM	13.13	247	eP	09	38.00	-26.0X
			eS	11	44.00	
GBA	13.37	216	Pc	10	05.60	-1.6
	0.7s	11.60nm		4.9mb		
BDT	14.54	118	eP	10	21.00	-1.5
KMI	15.60	85	eP	10	37.50	0.9
KHT	15.68	126	eP	10	38.00	0.6
CD2	17.28	65	eP	10	55.30	-2.3
QUE	17.42	293	eP	10	59.00	-0.6
	1.1s	77.22nm		4.7mb		
			eS	14	07.00	
GTA	19.03	36	P	11	17.00	-2.3
WMO	19.24	5	eP	11	20.60	-1.0
LZH	19.45	50	eP	11	23.00	-1.2
XAN	22.39	60	eP	11	53.70	-0.5
MHI	25.22	304	eP	12	24.00	2.2
BTO	25.93	46	eP	12	29.00	0.7
TIY	26.34	54	eP	12	33.00	0.9
KJF	54.24	333	eP	16	23.00	1.2
SUF	54.47	331	iP	16	23.30	-0.2
	0.4s	3.70nm		4.8mb		
NUR	54.62	328	eP	16	24.00	-0.7
NB2	61.22	328	P	17	09.80	-1.3
	0.7s	2.50nm		4.5mb		
WRA	64.93	129	Pc	17	37.50	1.5
	0.4s	8.70nm		5.2mb		
WB2	64.94	129	eP	17	37.50	1.4
BNG	67.28	264	iPc	17	51.40	0.1
	0.7s	6.00nm		4.8mb		
MBC	78.19	6	eP	18	55.00	0.6
	0.7s	4.00nm		4.6mb		
KIC	87.66	276	eP	19	46.30	2.1
YKA	91.71	9	eP	20	06.10	3.8X
	S.D. = 1.4	on	29 of	31 obs.		

FEB 17, 1985 23h 16m 10.39± 0.39s
44.524 N ± 8.8km 148.318 E ± 6.2km
DEPTH = 33.0km (normal)
4.8mb (31 obs.) 4.5Msz (1 obs.)
KURIL ISLANDS (221)

TSK	10.39	220	eP	20	37.10	-3.1X
DDR	11.00	222	eP	20	46.70	-1.8X
MAT	11.07	227	iPd	20	48.60	-0.9X
	0.8s	18.66nm		5.3mb		
BJI	24.11	271	eP	23	25.00	1.2
TIA	25.06	261	eP	23	33.40	0.3
NJ2	26.11	252	eP	23	42.40	-0.5
TIY	27.71	268	eP	23	58.00	0.4
BTO	28.31	276	eP	24	04.80	1.9
WHN	30.10	254	eP	24	19.00	0.1
LZH	34.59	272	iPc	24	58.50	0.2
GTA	36.00	279	P	25	11.20	1.0
CD2	37.32	264	iPc	25	21.60	0.3
GYA	37.93	256	P	25	26.60	0.1
COL	39.97	37	eP	25	44.00	1.0
KMI	41.50	258	eP	25	56.50	0.2
			pP	26	06.00	32kmX
WMO	42.60	291	eP	26	06.00	1.1
INK	45.32	31	eP	26	27.00	0.6
CHG	48.30	254	iPd	26	51.00	0.5
	0.9s	8.40nm		4.8mb		
KKN	52.31	274	iPc	27	21.00	-0.3
PKI	52.34	273	iPc	27	21.20	-0.5
	0.6s	25.00nm		5.4mb		
DMN	52.54	274	iPc	27	23.00	-0.1
YKA	54.69	34	eP	27	38.50	0.4
YKC	54.75	34	eP	27	38.00	-0.5
	0.5s	5.00nm		4.8mb		
PNT	59.23	50	eP	28	10.00	-0.6
	0.5s	5.00nm		4.9mb		
SOD	60.07	338	eP	28	14.00	-2.0
SUF	63.60	334	iP	28	37.50	-2.2
	0.5s	5.00nm		4.9mb		
HYB	63.63	269	eP	28	39.50	-1.1
QUE	63.73	287	eP	28	41.00	-0.3
FFC	64.58	37	iPc	28	46.30	0.1
	0.6s	11.00nm		5.1mb		
MHI	64.93	297	iPd	28	48.70	-0.2
LRM	65.21	49	eP	28	51.30	0.5
WB2	65.41	194	eP	28	51.20	-0.7
WRA	65.41	194	Pc	28	51.20	-0.7

17d 23h

0.5s 10.40nm 5.2mb
NUR 65.73 333 eP 28 51.00 -2.5
Z 18s 0.30um 4.5Msz
29 22.60
LR 59 00.00
BMN 65.86 57 eP 28 55.90 1.0
0.5s 0.77nm 4.1mb
GBA 66.98 267 Pd 28 59.50 -2.6
0.5s 5.00nm 4.9mb
EUR 67.20 57 iP 29 04.20 0.6
0.4s 3.08nm 4.8mb
FRB 68.20 17 eP 29 08.00 -1.1
NB2 69.18 339 P 29 14.00 -1.3
0.5s 3.40nm 4.7mb
RSSD 70.81 47 eP 29 25.20 -0.5
0.8s 3.17nm 4.4mb
EKA 77.62 344 P 30 04.00 -0.5
0.5s 6.00nm 4.9mb
ZST 78.23 329 eP 30 08.00 0.1
KHC 78.69 332 iP 30 10.70 0.2
GRF 78.98 333 eP 30 12.80 0.7
0.9s 10.00nm 4.8mb
DLE 80.21 345 iPc 30 18.50 -0.1
0.7s 12.00nm 5.0mb
KBA 80.53 331 iPd 30 21.00 0.4
0.9s 8.80nm 4.8mb
JCT 82.96 54 iP 30 34.10 0.6
1.0s 5.00nm 4.6mb
FLN 83.16 340 iPc 30 33.90 -0.2
0.6s 4.30nm 4.7mb
LDF 83.23 340 eP 30 34.20 -0.3
LOR 83.38 337 iPc 30 35.00 -0.3
0.8s 3.20nm 4.5mb
GRR 83.60 340 iPc 30 36.40 0.1
0.6s 5.80nm 4.9mb
LBF 83.60 336 iPc 30 36.20 -0.3
1.2s 8.20nm 4.7mb
SMF 83.95 336 iPc 30 38.20 0.0
0.9s 13.10nm 5.1mb
AVF 83.96 337 iPc 30 38.40 0.2
0.8s 3.30nm 4.5mb
LPF 83.98 340 iPc 30 38.60 0.3
0.6s 8.30nm 5.1mb
MZF 84.70 337 iPc 30 42.80 0.8
0.8s 16.40nm 5.1mb
TCF 84.74 337 eP 30 42.50 0.3
1.0s 4.20nm 4.6mb
LSF 84.96 338 iPc 30 43.60 0.4
1.0s 7.40nm 4.8mb
MFF 85.08 339 iPc 30 44.20 0.4
0.6s 6.10nm 5.0mb
CAF 86.03 337 iPc 30 49.80 1.2
0.6s 3.60nm 4.8mb
LMR 86.12 333 eP 30 49.20 0.1
LFF 86.39 338 iPc 30 51.50 1.2
0.7s 10.20nm 5.2mb
LPO 86.50 337 eP 30 51.90 1.0
ITR 143.89 11 e(PKP) 37 41.00 -3.2X
S.D. = 0.9 on 60 of 64 obs.

* FEB 18, 1985 01h 03m 59.89± 0.68s
6.187 S ±15.4km 154.360 E ± 8.4km
DEPTH = 33.0km (normal)
4.8mb (5 obs.)
SOLOMON ISLANDS (193)

BGA 0.82 87 iPd 04 15.50 0.4
eS 04 27.00
PAA 1.13 96 iPd 04 18.80 -0.7
eS 04 35.00
PMG 7.82 245 eP 05 54.50 0.2
CTA 15.90 209 iPc 07 45.10 2.1
1.0s 14.00nm 4.1mb
WB2 23.77 233 eP 09 08.70 -1.8
WRA 23.78 233 Pd 09 09.00 -1.5
0.3s 5.40nm 4.5mb
PKI 74.47 301 eP 15 38.00 0.3
1.0s 14.00nm 4.9mb
KKN 74.64 301 eP 15 38.80 0.3
0.8s 12.00nm 4.9mb
DMN 74.74 301 eP 15 39.80 0.7
0.9s 28.00nm 5.3mb
QUE 90.84 300 eP 17 02.00 0.0
S.D. = 1.3 on 10 of 10 obs.

FEB 18, 1985 01h 32m 34.25± 1.09s
35.712 N ± 9.0km 70.862 E ± 7.9km
DEPTH = 109.5 ± 12.0 km
4.4mb (7 obs.)
HINDU KUSH REGION (718)

KSH 5.52 46 eP 33 55.40 -0.1
S 34 53.00
QUE 6.41 212 eP 34 09.40 1.5
eS 35 24.00
NDI 8.84 141 eP 34 37.60 -3.1
eS 36 12.50
MHI 9.23 277 eP 34 45.00 -1.1
eSn 36 21.00
KHI 10.16 265 e(P) 35 00.00 1.4
WMQ 15.25 53 eP 36 06.40 1.6
GTA 23.20 72 P 37 34.10 1.9
NUR 38.40 325 iP 39 46.00 -0.1
SUF 38.53 329 iP 39 46.90 -0.3
0.6s 3.40nm 4.4mb
HFS 43.62 322 eP 40 28.40 -0.5
0.3s 2.70nm 4.5mb
NB2 44.94 324 P 40 38.40 -1.2
0.5s 2.80nm 4.3mb
BNG 57.27 250 iPd 42 13.20 0.4
0.6s 6.00nm 4.8mb
MTD 64.10 222 eP 42 57.00 -2.0
KRI 65.24 224 eP 43 07.00 0.6
MBC 68.13 3 eP 43 23.00 -0.7
0.5s 5.00nm 4.7mb
MBC 68.13 3 eP 43 28.00 4.3X
BUL 68.46 223 eP 43 28.50 1.8
0.9s 5.46nm 4.4mb
INK 74.72 9 eP 44 02.50 -0.6
WRA 81.67 122 Pd 44 42.30 0.6
0.4s 2.00nm 4.3mb
WB2 81.68 122 iPc 44 42.10 0.3
i 44 55.80
YKA 82.04 3 eP 44 43.10 0.2
YKC 82.06 2 eP 44 42.50 -0.5
S.D. = 1.4 on 21 of 22 obs.

* FEB 18, 1985 01h 36m 53.71± 0.80s
29.828 S ±16.7km 177.812 W ±13.4km
DEPTH = 80.0km (geophysicist)
KERMADEC ISLANDS (178)

SVA 12.15 343 ePd 39 46.60 1.3
NOU 15.99 294 iPc 40 39.10 4.0X
AFI 16.80 21 P 40 43.00 -2.3
S 43 26.00
KOU 18.63 296 iPc 41 07.90 0.3
NAU 59.56 260 iPc 46 51.20 -0.2
MAT 77.87 325 iPc 48 37.60 -6.5X
PLM 85.28 47 eP 49 24.00 0.9
SBB 85.54 46 eP 49 25.00 0.8
ISA 85.78 45 eP 49 26.00 0.6
TPC 86.28 47 eP 49 29.00 1.2
GLA 86.40 49 eP 49 30.00 1.6
CLC 86.42 45 eP 49 28.00 -0.5
GSC 86.57 46 eP 49 30.00 0.7
EUR 89.77 43 iP 49 43.80 -0.9
BJI 92.63 315 eP 49 53.00 -4.4X
KJF 142.01 342 ePKP 56 08.00 -9.3X
SUF 143.62 342 iPKP 56 12.10 -8.0X
0.3s 2.60nm
NUR 145.83 340 iPKP 56 19.00 -4.9X
UPP 148.21 345 iPKP 56 25.80 -1.9
NB2 148.21 352 PKP 56 27.20 -0.6
0.7s 11.70nm
HFS 148.72 349 ePKP 56 27.60 -1.0
0.7s 21.50nm
BNG 150.38 215 iPKPd 56 40.00 7.5X
0.5s 11.00nm
COP 153.15 347 iPKPc 56 40.00 4.8X
S.D. = 1.3 on 15 of 23 obs.

FEB 18, 1985 02h 54m 28.86± 0.73s
40.514 N ± 6.0km 23.537 E ± 6.0km
DEPTH = 10.0km (geophysicist)
GREECE (364)

SOH 0.34 336 iPgc 54 35.60 -0.3
iSg 54 40.40
THE 0.45 285 iPgd 54 37.70 -0.3
eSg 54 44.30
PAIG 0.60 169 iPgc 54 40.20 -0.7
iSg 54 48.40
KNT 0.81 323 ePgc 54 44.00 -0.5
eSg 54 54.70
LIT 0.90 243 ePgc 54 47.10 1.0
eSg 55 00.60
GRG 0.97 297 ePg 54 47.00 -0.3
eSg 55 01.10
MMB 1.08 8 iPgd 54 48.00 -1.3
Sg 55 01.00
VAY 1.09 318 iPn 54 49.40 0.1
iSn 55 04.90
KDZ 1.77 50 iP 55 01.00 1.2
PLD 1.82 29 iP 55 04.00 3.6X
iS 55 27.00
VTS 2.10 353 iP 55 06.00 1.6
SKO 2.15 313 ePn 55 10.20 5.0X
OHR 2.16 287 ePn 55 10.30 4.8X
DIM 2.17 45 eP 55 04.00 -1.5
PVL 2.90 24 eP 55 17.00 1.1
S.D. = 1.1 on 12 of 15 obs.

FEB 18, 1985 02h 59m 50.65± 0.73s
40.491 N ± 5.9km 23.470 E ± 6.4km
DEPTH = 10.0km (geophysicist)
GREECE (364)

SOH 0.34 345 iPgc 59 56.80 -0.9
iSg 00 01.50
THE 0.41 290 ePgd 59 58.80 -0.2
iSg 00 05.50
PAIG 0.59 164 iPgc 00 01.30 -1.2
eSg 00 09.80
KNT 0.80 327 ePgc 00 05.10 -1.1
iSg 00 17.00
LIT 0.85 243 ePgc 00 08.20 1.2
eSg 00 21.90
GRG 0.94 300 ePg 00 09.20 0.7
iSg 00 23.30
VAY 1.07 321 iPn 00 10.50 -0.3
iSn 00 26.00
KDZ 1.83 50 iP 00 23.00 0.6
iS 00 43.00
PLD 1.86 30 iP 00 28.00 5.2X
iS 00 49.00
VTS 2.12 355 iP 00 27.00 0.5
iSg 00 54.00
PVL 2.94 25 eP 00 39.00 0.7
S.D. = 1.0 on 10 of 11 obs.

FEB 18, 1985 03h 56m 23.73± 0.76s
8.301 S ± 5.0km 119.799 E ± 6.9km
DEPTH = 186.6 ± 8.3 km
5.1mb (12 obs.)
FLORES ISLAND REGION (286)

MKS 3.08 354 iPc 57 15.30 1.2
iS 57 55.30
KUPT 4.18 116 eP 57 29.50 1.5
TRT 7.12 274 ePc 58 07.00 0.7
KNA 11.47 131 iPc 59 01.00 -2.3
MTN 12.02 113 eP 59 09.00 -1.3
MBL 12.78 180 iPc 59 18.80 -1.2
NAU 14.75 196 eP 59 44.00 -0.7
0.5s 90.00nm 5.4mb
CGP 17.35 16 ePc 00 16.00 -0.1
WRA 18.22 131 Pc 00 23.30 -2.2
0.5s 35.60nm 5.0mb
WB2 18.23 131 iPc 00 23.50 -2.1
iS 03 41.10
MEK 18.25 184 iPc 00 24.90 -0.9
WBN 18.88 161 iPd 00 32.30 0.0
0.5s 130.00nm 5.7mb
ASPA 20.40 140 eP 00 47.00 -0.8
0.5s 177.00nm 5.8mb
PGP 21.69 3 eP 01 04.00 3.5X
eS 01 10.00
BAL 22.38 187 iPd 01 07.50 0.4
KLG 22.42 176 eP 01 07.00 -0.5
IPM 22.68 304 ePc 01 11.50 1.3
0.8s 31.30nm 4.9mb
e 01 49.10
KLB 23.25 184 iPd 01 15.90 0.3
0.5s 22.00nm 5.0mb
PSI 23.51 297 ePc 01 17.80 -0.4
MUN 23.79 188 eP 01 22.00 1.2
NWAO 24.62 185 eP 01 28.70 0.2
CTA 28.15 117 eP 02 03.00 2.3
CTAO 28.15 117 eP 02 02.70 2.0
pP 02 40.00 183kmX

STK	31.00	142	eP	02	25.00	-0.7
	0.2s	37.00nm			5.8mb	
ADE	31.71	150	iPd	02	32.20	0.3
CMS	33.46	137	eP	02	48.00	0.9
CHTO	33.90	323	eP	02	51.50	0.6
GYA	36.83	340	P	03	16.40	0.7
KMI	37.15	334	Pd	03	20.00	1.5
TOO	37.28	145	eP	03	21.00	1.7
CAN	37.91	140	eP	03	25.60	1.0
WAM	38.38	141	eP	03	30.10	1.7
WHN	38.97	353	eP	03	34.50	1.2
NJ2	40.13	359	Pc	03	43.20	0.4
CD2	41.91	339	iPc	03	57.60	0.1
XAN	43.35	347	eP	04	08.30	-0.9
LZH	46.63	342	Pd	04	35.50	0.2
GBA	47.35	297	Pc	04	38.60	-2.4
	0.5s	8.20nm			4.5mb	
MAT	47.84	20	eP	04	41.00	-3.5X
BJI	48.21	356	eP	04	46.00	-1.2
PKI	48.78	318	eP	04	51.10	-1.1
	0.5s	29.00nm			5.0mb	
DMN	49.01	318	eP	04	53.00	-0.9
	0.8s	48.00nm			5.1mb	
KKN	49.01	318	eP	04	52.80	-1.1
	0.9s	41.00nm			4.9mb	
GTA	50.96	340	P	05	08.80	0.4
			pP	05	50.00	184kmX
MDJ	53.41	9	eP	05	24.00	-2.2
WMQ	59.48	333	P	06	08.00	-1.3
SPA	81.75	180	e(P)	08	24.60	2.0
MTD	85.95	254	eP	08	52.00	7.4X
BUL	88.29	250	iP	08	57.00	1.1
	0.9s	5.88nm			4.5mb	
			ipP	09	39.00	167kmX
YKA	113.23	24	ePKP	14	39.80	-0.4
YKC	113.30	24	ePKP	14	40.00	-0.3
FFC	123.02	27	ePKP	14	59.00	-0.1
	0.7s	4.00nm				
KIC	124.99	272	ePKP	15	04.00	-0.2
ALQ	130.09	51	ePKP	15	13.00	-0.7
	0.9s	4.41nm				
LHC	133.10	26	ePKP	15	19.50	0.9
TUL	137.48	44	ePKP	15	27.70	0.3
	1.0s	8.10nm				
RLO	137.87	44	e(PKP)	15	19.20	-8.9X
			e	15	29.50	
ITR	152.47	232	ePKP	16	05.00	12.1X
			e	16	43.30	
S.D. = 1.2 on 53 of 58 obs.						

• FEB 18, 1985 04h 21m 22.62± 0.58s
7.347 S ± 6.8km 128.537 E ±13.2km
DEPTH = 33.0km (normal)
4.9mb (9 obs.)
BANDA SEA (280)

AAI	3.65	355	ePd	22	16.20	-2.0
MTN	6.03	155	eP	22	51.00	-0.9
KNA	8.35	178	eP	23	23.00	-1.4
WRA	13.73	156	Pc	24	32.30	-5.1X
	0.9s	24.70nm			5.0mb	
WB2	13.73	156	eP	24	32.20	-5.2X
			iS	26	59.70	
MBL	16.10	211	eP	25	09.00	0.7
ASPA	17.02	163	eP	25	18.00	-1.9
WBN	18.78	185	eP	25	39.00	-2.7
	0.5s	16.00nm			4.5mb	
NAU	19.64	218	eP	25	52.00	0.3
CTA	21.34	128	iPd	26	10.10	0.8
	1.2s	21.09nm			4.4mb	
			iS	30	14.00	
MEK	21.39	205	iPc	26	11.70	2.0
	0.6s	19.00nm			4.7mb	
BAG	24 88	342	eP	26	46.10	1.9
BAL	25.66	204	eP	26	53.00	1.8
KLB	26.14	201	eP	26	58.00	2.4
KGM	26.83	289	ePd	27	02.00	-0.1
MUN	27.07	204	eP	27	08.00	3.9X
IPM	29.90	293	ePc	27	29.10	-0.8
PSI	31.19	288	ePd	27	40.20	-1.0
	1.1s	59.90nm			5.3mb	
CAN	33.58	149	eP	28	03.20	1.2
WAM	34.21	150	eP	28	09.80	2.5X
GYA	39.75	329	P	28	55.60	1.4
XAN	45.16	337	eP	29	36.80	-1.4
BJI	48.51	347	eP	30	04.50	0.1
LZH	49.04	333	Pc	30	11.00	2.3
GTA	53.59	332	P	30	43.40	0.4
PKI	54.26	312	eP	30	47.60	-0.8
	0.8s	11.00nm			4.9mb	
KKN	54.47	312	eP	30	49.20	-0.6
	0.9s	26.00nm			5.3mb	
DMN	54.50	311	eP	30	49.70	-0.4
	0.9s	26.00nm			5.3mb	
GBA	54.84	292	Pd	30	49.70	-2.6
	0.5s	1.10nm			4.1mb	
WMQ	62.90	328	eP	31	48.80	0.8
ALQ	122.68	53	ePKP	40	18.00	0.7
	1.0s	2.75nm				
LPB	151.12	145	ePKP	41	17.00	7.6X
S.D. = 1.5 on 27 of 32 obs.						

• FEB 18, 1985 05h 18m 18.70± 1.44s
34.134 S ±15.4km 70.171 W ±10.6km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

TACH	0.80	307	iPc	18	33.30	-0.2
			iS	18	45.00	
PEL	1.08	336	iPc	18	37.00	-0.6
			iS	18	51.70	
JACH	1.49	346	iP	18	44.40	0.9
			iS	19	02.70	
RFA	1.55	115	iPc	18	44.70	0.4
			S	19	06.50	
MDZ	1.66	42	i(P)	18	46.80	0.8
ZON	2.87	26	eP	19	09.00	5.8X
TCA	5.47	61	ePc	19	38.80	-1.2
			S	21	04.80	
S.D. = 1.1 on 6 of 7 obs.						

• FEB 18, 1985 05h 28m 25.35± 1.66s
14.927 S ±14.6km 166.840 E ±23.9km
DEPTH = 33.0km (normal)
VANUATU ISLANDS (186)

PVC	3.13	153	iPc	29	14.00	0.4
			iS	29	56.00	
KOU	6.11	203	iPc	29	56.50	0.8
			iS	31	08.60	
NOU	7.35	183	iPc	30	12.00	-1.1
			iS	31	40.90	
SVO	8.95	309	eP	30	35.00	-0.4
VSG	8.96	308	eP	30	36.00	0.4
S.D. = 1.1 on 5 of 5 obs.						

& FEB 18, 1985 07h 24m 27.79s
60.006 N 152.141 W
DEPTH = 79 0km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.38	298	iP	24	40.34	-0.4
			iS	24	50.47	
NNL	0.43	85	iP	24	41.46	0.5
RDT	0.58	347	iP	24	41.81	-0.7
			iS	24	52.97	
BRLK	0.68	110	iP	24	42.75	-0.6
			iS	24	54.55	
NKA	0.87	31	iP	24	46.42	1.0
AUL	0.91	227	eP	24	45.96	0.0
PDB	1.06	259	iP	24	46.96	-0.8
			iS	25	01.79	
SLKM	1.08	61	iP	24	46.64	-1.5
			iS	25	03.23	
SPU	1.18	2	iP	24	48.59	-0.8
			iS	25	05.07	
SEW	1.35	85	iP	24	50.00	-1.5
MPA	1.47	70	iP	24	51.71	-1.3
SUA	1.62	25	eP	24	54.65	-0.5
PTE	1.77	60	eP	24	55.45	-1.6
PMS	1.78	45	iP	24	56.37	-0.9
PWA	1.99	33	eP	24	59.49	-0.5
SKT	2.00	8	iP	24	59.12	-1.2
			iS	25	24.82	
SVW	2.04	304	eP	24	59.30	-1.6
PWL	2.07	64	iP	24	59.15	-2.1
			iS	25	23.27	
PME	2.23	42	eP	25	02.08	-1.3
KDC	2.27	185	iP	25	01.99	-1.9
			eS	25	29.39	
KNK	2.30	50	eP	25	02.23	-2.1
GHO	2.37	40	eP	25	03.33	-2.0
MSE	2.40	39	eP	25	04.49	-1.4
CFI	2.46	59	eP	25	03.78	-2.7
SML	2.59	44	eP	25	06.76	-1.7
HIN	2.84	80	eP	25	08.82	-3.0
SCM	2.98	50	eP	25	11.90	-1.9
VLZ	3.08	66	eP	25	12.25	-2.8
KLU	3.40	61	iP	25	16.93	-2.7
SGAM	3.49	79	eP	25	17.73	-3.1
30 obs. associcted						

? FEB 18, 1985 08h 12m 21.10± 3.59s
5.640 S ±28.6km 147.176 E ±31.8km
DEPTH = 33.0km (normal)
3.4mb (1 obs.)
EAST PAPUA NEW GUINEA REGION (207)

LAT	1.02	190	iPd	12	38.00	-1.1
MDG	1.44	286	eP	12	45.00	-0.1
LMG	3.39	163	eP	13	13.00	-0.1
PMG	3.74	180	iPc	13	18.80	0.8
WB2	18.91	220	eP	16	42.30	0.5
WRA	18.92	220	Pc	16	45.90	4.0X
	0.5s	1.20nm			3.4mb	
S.D. = 1.1 on 5 of 6 obs.						

• FEB 18, 1985 08h 13m 23.58± 1.07s
31.314 S ± 9.1km 66.522 W ±11.0km
DEPTH = 109.4 ± 13.6 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.05	109	iPd	13	38.70	-0.5
			S	13	45.60	
RTCB	0.29	234	ePc	13	39.50	-0.3
			S	13	50.70	
RTCV	0.55	181	iPc	13	41.10	0.1
			S	13	54.00	
MDZ	1.59	190	i(P)	13	53.50	1.6
JACH	2.23	232	iP	14	00.50	0.4
			iS	14	28.50	
VCA	2.58	6	ePc	14	05.00	0.2
			S	14	36.50	
TACH	3.10	221	eP	14	11.00	-0.7
TCA	3.36	91	iPc	14	15.40	0.1
			S	14	53.30	
RFA	3.45	179	ePc	14	15.40	-1.0
S.D. = 1.0 on 9 of 9 obs.						

• FEB 18, 1985 09h 48m 32.50± 1.15s
6.527 S ±13.8km 146.900 E ±15.4km
DEPTH = 62.8 ± 15.8 km
3.4mb (1 obs.)
EAST PAPUA NEW GUINEA REGION (207)

LAT	0.16	142	iPc	48	41.80	-0.4
MDG	1.69	319	eP	49	00.50	0.2
LMG	2.67	152	eP	49	15.00	0.8
PMG	2.87	175	eP	49	17.00	0.1
ALOA	5.09	138	eP	49	47.50	-0.5
WB2	18.07	221	eP	52	40.50	-0.4
WRA	18.07	221	P	52	41.00	0.0
	0.7s	2.10nm			3.4mb	
S.D. = 0.7 on 7 of 7 obs.						

• FEB 18, 1985 11h 51m 30.30± 0.95s
3.415 N ±12.8km 128.739 E ±24.5km
DEPTH = 33.0km (normal)
4.6mb (4 obs.)
NORTH OF HALMAHERA (264)

CGP	6.42	321	iPd	53	05.50	0.4
KNA	19.04	180	eP	55	52.00	-0.5
WRA	23.86	167	P	56	43.00	1.3
	0.6s	1.70nm			3.7mb	
WB2	23.86	167	eP	56	41.20	-0.5
			i	56	51.40	
CHTO	32.91	300	eP	58	04.00	0.1
BJI	38.19	344	(P)	58	48.00	-0.6
PKI	47.79	305	eP	00	07.20	0.0
	0.8s	4.00nm			4.5mb	
KKN	47.98	305	eP	00	08.60	0.1
	0.9s	15.00nm			5.0mb	
DMN	48.05	305	eP	00	09.40	0.3
GBA	51.64	285	Pd	00	35.80	-0.5
	0.3s	2.70nm			4.7mb	
YJA	156.79	145	ePKP	11	08.80	-16.0X
S.D. = 0.7 on 10 of 11 obs.						

& FEB 18, 1985 12h 19m 15.50s

18d 12h

37.757 N 122.155 W
DEPTH = 2.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.0 (BRK).
Mo=9.4*10**19 (BRK). Felt at Oakland.

BKS	0.14	332	iPd	19	18.10	-0.1
			iS	19	20.70	
BRK	0.14	324	eP	19	18.30	0.0
			iS	19	21.30	
ZSP	0.20	337	iPd	19	19.80	0.2
			iS	19	24.30	
PCC	0.31	215	iPd	19	21.80	0.0
MHC	0.58	135	eP	19	27.80	0.7
ARN	0.64	129	eP	19	28.50	0.2
GCC	0.74	170	eP	19	29.60	-0.6
NWRM	0.91	321	eP	19	32.20	-1.4
SLD	1.01	132	eP	19	34.70	-0.7
SAO	1.14	150	eP	19	35.70	-1.9
JAS1	1.38	82	e(P)	19	40.00	-1.8
			i(S)	19	58.00	

11 obs. associated

& FEB 18, 1985 13h 53m 43.30s
33.020 N 116.350 W
DEPTH = 6.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.2 (PAS).

PAS	0.42	151	iPc	53	51.30	-0.5
			eS	53	57.00	
BAR	0.43	219	iPd	53	51.30	-0.7
SLBC	0.77	269	iP	53	57.10	-1.6
			eS	54	07.20	
HAY	0.91	41	eP	53	59.50	-1.6
TPC	1.11	13	eP	54	03.70	-0.9
ENX	1.16	193	iPc	54	04.16	-1.2
			S	54	19.76	
GLA	1.28	88	eP	54	04.80	-2.6
SDW	1.70	339	eP	54	14.00	0.3

8 obs. associated

* FEB 18, 1985 15h 18m 57.30± 0.88s
31.448 S ± 6.4km 66.470 W ± 7.0km
DEPTH = 157.1 ± 15.4 km
LA RIOJA PROVINCE, ARGENTINA (138)

CFA	1.52	264	iPc	19	27.80	-0.2
			S	19	49.50	
TCA	1.61	87	iPc	19	29.30	0.3
			S	19	51.00	
RTLL	1.71	273	iPc	19	29.90	-0.2
			S	19	53.00	
RTCV	1.81	256	iPc	19	31.00	-0.1
			S	19	56.20	
ZON	1.89	265	iPc	19	32.00	0.0
			eS	19	57.00	
RTCB	1.99	268	ePc	19	26.20	-7.0X
			S	19	49.80	
MDZ	2.47	234	iP	19	39.60	0.6
			i	20	10.50	
CYA	3.05	11	iPc	19	45.50	-0.6
			S	20	18.00	
VCA	3.09	330	eP	19	47.10	0.4
			S	20	25.10	
JACH	3.71	250	iP	19	55.20	0.5
			iS	20	40.50	
RFA	3.71	206	iPc	19	54.30	-0.4
PEL	3.95	244	iPd	19	58.00	0.2
TACH	4.37	239	iPc	20	02.70	-0.5
SLA	6.75	8	e(P)	20	35.40	0.2

S.D. = 0.5 on 13 of 14 obs.

* FEB 18, 1985 15h 22m 28.02± 0.77s
38.681 N ± 7.4km 20.439 E ± 7.4km
DEPTH = 10.0km (geophysicist)
3.9mb (1 obs.)
GREECE (364)

VLS	0.52	167	ePg	22	38.80	0.3
			eSg	22	43.10	
KZN	1.92	32	ePn	23	03.20	2.0
OHR	2.44	6	iPn	23	10.40	1.8
ATH	2.67	104	ePn	23	12.20	0.3
VAY	3.10	31	iPn	23	18.30	0.4
BRT	3.32	312	ePn	23	31.00	10.0X
			eSg	24	21.00	
SKO	3.38	13	iPn	23	22.60	0.8
			iPg	23	29.00	
SKO	3.38	13	iPg	23	31.50	9.7X
			iSn	24	02.00	
ORI	3.38	295	ePn	23	22.00	0.1
			eSn	24	03.00	
			eSg	24	30.00	
ULC	3.40	345	ePn	23	23.00	0.8
			eSn	23	59.50	
TTG	3.85	347	ePn	23	28.50	0.0
			eSn	24	12.50	
HCY	4.04	339	ePn	23	28.00	-3.2X
			eSn	24	13.00	
SGO	4.38	297	ePn	23	37.50	1.4
			eSn	24	26.00	
VTS	4.44	27	iP	23	37.00	0.1
BRY	4.45	342	ePn	23	38.00	0.8
			eSn	24	26.00	
PLD	4.72	42	eP	23	53.00	12.1X
KDZ	4.78	50	iP	23	42.00	0.1
DIM	5.17	48	eP	23	51.00	3.7X
DUI	5.46	305	ePn	23	52.00	0.6
PVL	5.72	37	eP	23	54.00	-1.0
CEY	8.34	330	e(Pn)	24	30.40	-1.5
			e	24	34.90	
			eSn	26	00.80	
VOY	8.80	329	ePn	24	34.90	-3.3X
			eSn	26	09.70	
CTI	9.82	321	ePn	24	49.00	-3.3X
			eSn	26	36.00	
KBA	9.87	331	iP	24	56.50	3.4X
			i(Sg)	25	31.20	
HFS	21.89	351	eP	27	20.20	-2.5

0.5s 2.80nm 3.9mb

NUR	22.01	6	iP	27	20.20	-3.7X
SUF	24.32	6	iP	27	44.50	-1.9
KJF	25.92	7	eP	27	59.00	-2.6

S.D. = 1.4 on 19 of 28 obs.

* FEB 18, 1985 17h 18m 50.44± 0.96s
37.005 N ± 9.3km 28.122 E ± 8.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

ELL	1.46	100	iPn	19	15.60	-1.3
BCK	2.02	76	iPn	19	26.10	1.1
DST	2.63	9	iPn	19	32.80	-0.9
PRK	2.67	327	ePn	19	36.30	2.1
NPS	2.67	230	ePn	19	34.50	0.2
			eSn	20	08.00	
EZN	3.15	334	iPn	19	39.60	-1.4
EDC	3.34	357	ePn	19	42.70	-1.1
YLV	3.69	15	ePn	19	57.50	8.7X
GPA	3.70	27	ePn	19	50.60	1.7
ISK	4.12	10	iP	20	08.00	13.3X
DMK	4.82	357	iPn	20	01.90	-2.8X
KDZ	5.10	336	iP	20	08.00	-0.7
DIM	5.40	339	eP	20	12.00	-1.0
MMB	5.71	325	iPc	20	18.00	0.7
PVL	6.54	341	eP	20	32.00	3.0X
MLR	8.64	350	eP	20	59.00	0.6

S.D. = 1.3 on 12 of 16 obs.

& FEB 18, 1985 17h 21m 51.35s
62.087 N 151.866 W
DEPTH = 99.2km
CENTRAL ALASKA (1)
<AGS-P>.

SKT	0.19	124	iP	22	04.88	0.9
			iS	22	15.63	
SUA	0.82	139	iP	22	09.97	-0.3
			iS	22	24.22	
SPU	0.91	186	iP	22	10.14	-1.0
PWA	1.04	114	eP	22	12.25	-0.1
			iS	22	28.95	
NKA	1.38	167	eP	22	17.45	1.0
PMS	1.39	127	eP	22	16.06	-0.5
MSE	1.39	99	eP	22	15.96	-0.8
PME	1.42	108	eP	22	16.00	-0.9
GHO	1.43	101	iP	22	16.37	-0.8
RDT	1.54	190	eP	22	17.78	-0.8
SML	1.69	98	iP	22	19.34	-1.1
KNK	1.76	111	eP	22	19.76	-1.5
SLKM	1.77	153	eP	22	20.98	-0.5
			iS	22	43.10	
PTE	1.83	131	eP	22	20.79	-1.4
ILM	1.97	194	eP	22	23.38	-0.6
MPA	2.01	142	eP	22	23.38	-1.1
SVW	2.05	243	eP	22	23.19	-1.9
NNL	2.07	172	eP	22	25.23	-0.1
PWL	2.10	124	eP	22	23.69	-2.0
TTA	2.11	296	eP	22	23.36	-2.5
CFI	2.16	113	eP	22	24.53	-1.9
SCM	2.16	95	eP	22	24.85	-1.7
SEW	2.31	148	eP	22	27.28	-1.2
BRLK	2.38	168	eP	22	28.90	-0.6
PDB	2.57	207	eP	22	31.31	-0.7
VLZ	2.81	107	eP	22	32.44	-2.8
KLU	2.89	99	eP	22	34.02	-2.4
COL	3.36	31	eP	22	40.00	-2.8
FBA	3.36	31	eP	22	40.25	-2.5

29 obs. associated

FEB 18, 1985 17h 44m 30.48± 0.63s
16.372 N ± 8.5km 94.560 W ± 5.7km
DEPTH = 123.6 ± 5.8 km
4.5mb (15 obs.)
OAXACA, MEXICO (60)

VHO	2.25	293	iP	45	07.50	-0.5
			iS	45	31.00	
COM	2.34	93	iP	45	09.50	0.4
			iS	45	35.00	
PIO	3.42	271	iP	45	21.50	-1.7
IIT	4.44	307	iP	45	38.00	0.8
TPM	5.02	302	iP	45	45.00	0.1
III	5.09	294	iP	45	46.50	0.5
			i	46	36.00	
IIP	5.10	306	ePc	45	47.20	1.0
ACX	5.10	276	ePd	45	44.60	-1.4
			eS	46	37.10	
UNM	5.30	304	eP	45	55.50	6.6X
TAC	5.34	305	iP	46	21.00	31.5X
IIC	5.60	308	eP	45	53.00	-0.1
CRX	5.73	303	iP	45	55.80	0.9
HKT	13.57	355	eP	47	42.50	3.6X
ATX	14.21	348	eP	47	48.50	1.3
JCT	14.84	342	iP	47	55.50	0.2

1.0s 27.50nm 4.5mb

TUL	19.49	357	eP	48	49.50	-0.8

0.9s 32.10nm 4.7mb

RLO	19.72	359	eP	48	48.80	-3.8X
GOL	25.08	340	eP	49	46.00	0.6

1.0s 10.00nm 4.3mb

			e	50	08.30	
			e	50	21.20	
RSON	34.41	1	iP	51	04.30	-3.3X
FFC	38.70	353	iPc	51	42.20	-1.5

0.7s 8.00nm 4.6mb

YKA	48.18	348	eP	52	59.80	0.0
FRB	50.61	15	eP	53	15.00	-3.3X
INK	57.47	344	eP	54	08.00	-0.3
INK	57.47	344	eP	54	33.00	24.7X
MBC	61.28	353	eP	54	32.70	-1.8

0.9s 14.00nm 4.9mb

EKA	77.50	36	Pc	56	13.50	-0.2

1.0s 32.50nm 5.1mb

LPF	80.32	43	eP	56	28.80	-0.4
GRR	80.36	42	eP	56	29.00	-0.4
FLN	80.51	42	eP	56	29.80	-0.4
LFF	82.28	46	eP	56	39.40	-0.1

0.7s 4.80nm 4.4mb

LSF	82.47	44	iPc	56	40.00	-0.5
RJF	82.72	45	eP	56	41.50	-0.2

0.7s 2.20nm 4.1mb

TCF	82.91	44	iPc	56	42.30	-0.5

0.6s 3.20nm 4.4mb

MZF	83.18	44	eP	56	44.00	-0.1
CAF	83.20	45	iPc	56	43.80	-0.4
NB2	83.24	28	P	56	44.80	0.7

0.8s 6.10nm 4.5mb

BGF	83.26	44	iPc	56	44.20	-0.3

0.7s 6.10nm 4.6mb

DOU	83.34	40	P	56	44.80	0.0
AVF	83.53	43	eP	56	45.40	-0.4
SSF	83.55	43	eP	56	45.40	-0.5
LOR	83.72	43	eP	56	46.50	-0.3

0.5s 1.70nm 4.2mb

LBF	83.88	43	eP	56	47.10	-0.6
SMF	83.89	43	eP	56	47.00	-0.7
WLF	84.43	40	Pc	56	50.80	0.5
HAU	85.09	41	eP	56	53.90	0.2

0.6s 3.60nm 4.4mb
BSF 85.43 42 eP 56 55.60 0.1
GWF 85.57 40 iPc 56 56.40 0.4
LRG 86.59 46 iPc 57 01.70 0.6
0.8s 8.30nm 4.7mb
LMR 86.73 46 eP 57 02.30 0.5
0.8s 6.40nm 4.6mb
FRF 86.75 46 eP 57 02.50 0.6
KIC 88.06 84 eP 57 08.90 0.2
KJF 88.42 22 eP 57 15.00 5.5X
CVF 88.62 46 eP 57 11.10 0.2
SUF 88.70 23 eP 57 11.00 0.1
WB2 133.51 258 ePKP 03 36.20 1.6
WRA 133.52 258 PKP 03 37.00 2.4
0.7s 1.50nm
MAP 133.55 302 ePdiff00 34.00 1.4X
HYB 145.75 12 ePKP 04 26.00 29.2X
1.0s 25.00nm
S.D. = 0.8 on 48 of 58 obs.

FEB 18, 1985 18h 12m 33.77± 0.68s
12.694 N ± 3.9km 142.570 E ± 5.2km
DEPTH = 146.0 ± 7.1 km
5.0mb (18 obs.)
SOUTH OF MARIANA ISLANDS (210)

GUMO 2.41 68 eP 13 13.80 -0.2
eS 13 42.20
GUA 2.43 70 eP 13 14.30 0.0
eS 13 43.30
DAV 17.64 253 eP 16 32.00 0.0
eS 20 04.00
BAG 21.60 283 eP 17 14.00 0.7
PMG 22.43 168 eP 17 22.00 0.9
MAT 24.07 351 iPc 17 35.80 -1.1
1.5s 72.22nm 5.0mb
eS 21 45.00
WHN 31.54 309 eP 18 45.00 0.8
TIA 32.74 320 P 18 54.00 -0.7
SNY 33.41 334 eP 19 00.00 -0.3
WB2 33.43 194 iPd 19 00.00 -0.7
WRA 33.43 194 Pd 18 59.70 -1.0
0.6s 14.70nm 4.9mb
CN2 34.32 338 eP 19 07.40 -0.7
BJI 35.81 324 eP 19 21.00 0.3
GYA 36.36 298 P 19 27.00 1.3
TIY 36.65 318 Pd 19 28.60 0.7
ASPA 37.12 193 eP 19 32.00 0.1
XAN 37.23 310 P 19 32.80 0.0
KMI 39.51 294 Pd 19 53.50 1.4
BTO 39.84 320 iPd 19 55.00 0.5
CD2 40.08 303 iPd 19 57.00 0.5
MBL 40.38 214 eP 19 59.00 0.0
WBN 41.62 202 eP 20 10.00 0.9
0.6s 9.00nm 4.6mb
NNT 41.76 275 eP 20 12.00 1.6
LZH 41.86 311 Pd 20 12.00 0.8
CHTO 42.34 284 eP 20 15.50 0.3
PPI 43.82 256 eP 20 26.20 -1.0
NAU 43.94 217 iPd 20 28.20 0.3
0.4s 28.00nm 5.3mb
PSI 44.31 261 eP 20 31.00 -0.1
MEK 45.52 211 eP 20 40.00 -0.5
0.5s 5.00nm 4.4mb
GTA 46.12 313 iPd 20 46.10 0.8
PcP 22 20.00
YOU 47.04 173 iPc 20 52.50 0.2
KLG 47.76 205 eP 20 57.00 -1.0
0.3s 55.00nm 5.7mb
CAN 48.14 173 eP 21 01.20 0.3
WAM 48.99 173 eP 21 07.80 0.5
TOO 50.07 177 eP 21 16.00 0.4
MUN 51.10 209 iPc 21 22.60 -0.8
RKG 52.48 207 eP 21 37.00 3.2X
PKI 55.23 295 iPd 21 53.80 -0.7
KKN 55.36 295 iPd 21 54.60 -0.6
DMN 55.50 295 iPd 21 55.90 -0.4
1 0s 111.00nm 5.7mb
WMO 56.15 315 iP 22 00.60 0 1
TCW 61.11 153 P 22 33.50 -1.1
HYB 61.76 283 eP 22 39.00 -0.5
GBA 63.26 279 Pc 22 49.00 -0.3
0.9s 20.90nm 5.1mb
POO 66.11 285 iP 23 06.00 -1.8
0.8s 76.12nm 5.7mb
INK 76.05 22 ePc 24 06.20 -0.1
MHI 77.07 305 eP 24 13.00 0.3

MBC 79.68 14 eP 24 26.40 0.4
1.0s 15.00nm 4.7mb
ALE 84.26 3 eP 24 50.50 0.9
0.9s 19.00nm 4.9mb
YKA 84.67 27 eP 24 53.00 1.0
SOD 87.93 340 eP 25 07.00 -0.8
KJF 89.04 337 iP 25 11.80 -1.3
0.8s 13.20nm 5.0mb
BMN 89.48 49 eP 25 16.90 1.0
0.9s 2.34nm 4.2mb
DAG 90.03 356 iPd 25 16.50 -1.0
0.7s 11.64nm 5.0mb
SUF 90.36 336 iP 25 18.40 -0.9
0.6s 9.10nm 5.0mb
NUR 92.08 334 iP 25 26.30 -0.9
0.8s 13.20nm 5.1mb
FFC 93.75 32 ePc 25 35.20 0.1
1.0s 6.00nm 4.8mb
NB2 97.07 338 P 25 48.70 -1.5
0.7s 2.80nm 4.8mb
BNG 121.85 283 iPKPc 31 13.00 -0.1
0.8s 7.00nm
MDZ 144.96 130 i(PKP)31 56.40 0.7
YJA 151.65 113 ePKPc 32 09.40 2.4
S.D. = 0.9 on 60 of 61 obs.

FEB 18, 1985 19h 14m 04.50± 0.95s
39.964 N ± 9.3km 20.303 E ± 7.6km
DEPTH = 10.0 ± 5.2 km
3.6mb (1 obs.)
GREECE-ALBANIA BORDER REGION (392)
ML 3.4 (SKO), 3.5 (TTG).

KZN 1.18 73 ePn 14 24.80 -1.7
eSb 14 49.50
OHR 1.21 18 iPn 14 25.60 -1.4
VLS 1.80 173 ePn 14 36.00 0.2
eSn 15 08.50
ULC 2.15 339 ePn 14 40.60 -0.3
eSn 15 08.50
SKO 2.18 23 iPnd 14 42.40 1.0
iSn 15 13.00
VAY 2.19 51 iPn 14 41.70 0.2
TTG 2.59 343 ePn 14 48.00 1.0
eSn 15 24.00
HCY 2.83 332 ePn 14 50.00 -0.6
ORI 2.96 273 ePn 14 53.00 0.6
eSn 15 33.00
MMB 3.07 57 iPc 14 56.00 2.1
BRY 3.22 336 ePn 14 58.00 1.8
VTS 3 42 39 eP 14 59.00 0.1
SGO 3.87 280 ePn 14 49.50 -15.8X
eSn 15 47.50
PLD 3.96 56 eP 15 19.00 12.5X
KDZ 4.18 65 iP 15 18.00 8.3X
DIM 4.50 61 eP 15 23.00 8.7X
PVL 4.84 47 eP 15 28.00 8.9X
BEO 4.86 1 e(Pn) 15 18.80 -0.5
i(Sg) 16 49.30
GZR 5.72 18 ePd 15 34.00 2.4
CEY 7.21 325 eP 15 52.60 0.2
eSn 17 10.30
LJU 7.40 327 e(Pn) 15 54.20 -0.9
e(Sn) 17 16.00
VOY 7.67 324 ePn 15 55.00 -4.0X
eSn 17 18.30
CTI 8.78 317 ePn 16 08.50 -6.0X
eSn 17 44.00
NB2 21.84 348 P 18 56.20 -2.5
0.9s 2.30nm 3.6mb
SUF 23.06 7 eP 19 09.00 -1.7
S.D = 1 5 on 18 of 25 obs.

FEB 18, 1985 19h 41m 03.43± 0.13s
23.402 N ± 2.5km 123.187 E ± 3.0km
DEPTH = 33.0km (normal)
5.7mb (70 obs.) 5.6Msz (10 obs.)
SOUTHWESTERN RYUKYU ISLANDS (246)
Felt (I JMA) on Ishigoki-shima.
Also felt on Taiwan.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B. 7S, 16C
Centroid Location:
Origin Time 19:41 1.3 0.3
Lat 23.32N 0.03 Lon 122.72E 0.06
Dep 36.7 4.2 Half-duration 2.3

Moment Tensor; Scale 10**24 D-CM
Mrr=-0.31 0.11 Mtt= 2.83 0.12
Mff=-2.52 0.20 Mrt= 0.50 0.21
Mrf=-0.42 0.15 Mtf=-1.54 0.10
Principal Axes:
T Val= 3.33 Plg= 9 Azm= 15
N -0.37 79 161
P -2.96 6 284
Best Double Couple:Mo=3.1*10**24
NP1:Strike= 60 Dip=79 Slip= 178
NP2: 150 88 11

ISI 1.29 44 iPc 41 24.50 -0.7
iS 41 39.20
ANP 2.34 320 iPc 41 39.90 -0.5
eS 42 15.90
MYK 2.36 54 eP 41 37.00 -3.6X
S 42 06.00
KMJ 4.40 48 eP 42 08.00 -1.6
S 42 55.60
OZH 4.47 291 iPd 42 08.60 -2.0
S 42 55.50
NAH 4.95 55 P 42 26.80 9.3X
S 43 21.30
NGO 5.38 53 eP 42 35.00 11.5X
eS 43 34.00
PIP 5.59 206 iPc 42 25.50 -1.0
iS 42 34.00
CVP 5.81 193 eP 42 27.00 -2.6
eS 43 29.00
SZP 6.36 204 iPc 42 38.00 0.7
iS 42 49.00
BAG 7.37 200 eP 42 50.00 -1.7
MVI 7.71 70 eP 42 50.00 -6.3X
eS 44 13.00
SSE 7.87 347 Pc 42 54.00 -4.4X
Lg 44 52.00
Lg 45 06.00
HKC 8.39 264 iP 43 04.50 -1.1
iS 44 33.00
MAN 8.92 193 iPd 44 02.00 49.0X
iS 45 40.00
OCP 8.94 193 eP 43 10.00 -3.3X
MCO 8.98 264 iP 43 13.40 -0.4
iS 44 47.10
GZH 9.06 270 iPc 43 13.30 -1.6
NJ2 9.43 337 iPc 43 16.50 -3.5X
iS 44 56.00
PGP 10.07 193 iPd 43 29.00 0.1
WHN 10.61 314 eP 43 32.40 -3.9X
eS 45 27.00
MAP 13.03 177 iPd 44 08.00 -0.9
TIA 13.80 339 eP 44 16.10 -2.9
S 46 50.00
SHK 13.85 35 eP 44 17.50 -2 1
PPR 14.20 198 eP 44 25.00 0 6
eS 44 36.50
CGP 14.93 174 iPc 44 33.50 -0 4
eS 45 12.50
GYA 15.29 285 P 44 38.00 -0.7
eS 47 27.00
DL2 15.51 355 eP 44 40.50 -0.8
XAN 16.38 313 P 44 51.50 -1.0
DAV 16.38 172 eP 44 52.00 -0.6
eS 47 54.00
TIY 16.99 330 Pd 45 00.80 0.7
PP 45 16.00
S 48 08.50
sS 48 20.50
PcP 49 47.00
BJI 17.62 342 eP 45 06.00 -1.9
eS 48 26.00
SNY 18.38 1 iPc 45 14.00 -3.3X
MAT 18.43 41 eP 45 16.00 -2.0
0.8s 235.07nm 5.4mb
Z 20s 8.16um
eS 48 42.00
KKM 18.52 202 ePc 45 20.40 1.1
1.0s 152.40nm 5.1mb
e 45 44.20
KMI 18.72 279 Pd- 45 22.00 0.1
7.0s 1.70nm 2.4mb X
N 10s 10.20um
pP 45 33.00
eS 48 55.00
sS 49 12.00
CD2 18.82 298 iPd 45 22.30 -0.6

18d 19h

			sP	45	42.50				1.0s	165.00nm		6.0mb			N	30s	4.90um											
			S	48	49.00		KLG		53.90	182	eP	50	25.00	-0.8		E	30s	2.90um										
HHC	19.95	333	Pc	45	34.00	-1.7	BAL		54.06	187	eP	50	26.00	-1.0				i	53	16.10	6kmX							
BTO	20.42	330	iPc	45	49.00	8.5X	KLB		54.93	186	eP	50	32.00	-1.4				i	53	26.40								
			sP	46	00.00		MUN		55.47	187	eP	50	36.00	-1.3				eS	03	18.00								
CN2	20.43	5	iPc	45	36.30	-4.2X	MHI		55.83	299	iPd	50	40.40	0.3	PLD		80.62	312	eP	53	20.00	5.6X						
LOE	20.97	257	iPd	45	46.00	-0.2			0.8s	104.48nm			5.9mb		JOS		80.73	319	eP	53	15.10	0.3						
LZH	20.97	311	iPc	45	46.00	-0.3					eS	58	28.00		KONO		81.17	332	eP	53	29.40	12.5X						
			sP	46	07.00		NWAO		56.30	186	eP	50	43.00	-0.3	VTS		81.45	313	iP	53	19.00	0.3						
			S	49	36.00			Z	20s	0.70um			4.7Msz		MMB		81.49	312	iPc	53	26.00	6.9X						
MDJ	21.80	12	Pc	45	50.00	-4.4X	KMI		56.76	296	eP	50	46.00	-1.0	COP		81.89	328	iPc	53	22.50	1.8						
			eS	49	47.00		RKG		57.45	186	eP	50	55.00	3.6X			0.8s	44.78nm				5.5mb						
GUMO	22.73	112	eP	46	05.40	1.6	STK		57.72	161	iPd	50	52.80	-0.6		Z	20s	3.90um				5.8Msz						
GUA	22.79	112	eP	46	04.60	0.1			0.5s	15.00nm			5.3mb					i	53	34.00	38kmX							
	0.9s	867.23nm			6.2mb		CMS		58.73	157	eP	51	00.00	-0.4	KSP		82.17	322	eP	53	22.50	0.2						
			eS	50	20.00		KOU		59.28	134	iPd	51	04.40	0.0				ic	53	35.50	44kmX							
NST	23.03	255	eP	46	10.00	3.3X	ADE		59.89	165	iPd	51	08.80	0.4	BEO		82.34	316	eP	53	22.80	-0.5						
CHTO	23.06	263	iPd	46	08.80	1.7			1.3s	103.85nm			5.8mb					i	53	34.70	39kmX							
	1.2s	100.69nm			5.2mb		NOU		61.94	134	iPc	51	22.80	0.3	SRO		82.37	319	eP	53	27.00	3.6X						
			eS	50	36.00		YOU		62.16	157	iPd	51	24.20	0.3		N	20s	2.60um										
BDT	23.47	259	eP	46	10.00	-1.0	SHI		62.66	292	eP	51	26.00	-1.6		E	20s	2.70um										
SAP	24.69	33	eP	46	20.00	-2.7	CAN		63.32	157	iPd	51	32.10	0.6				i	53	37.00	32kmX							
			eS	50	42.00		WAM		64.06	157	iPd	51	36.80	0.5	VAY		82.40	312	iP	53	23.70	0.0						
NNT	24.72	248	eP	46	24.80	1.6	TOO		64.18	160	eP	51	37.00	-0.1	SKO		82.90	313	iP	53	25.00	-1.3						
KHT	24.74	254	eP	46	26.90	3.5X	BRW		64.85	21	P	51	40.10	-1.0				eS	03	38.00								
GTA	25 44	314	P	46	28.80	-1.2	TTA		65.26	30	P	51	43.30	-0.6	ZST		82.92	320	eP	53	29.00	2.7						
			PPP	47	18.20		TAB		65.96	303	eP	51	50.00	1.1				i	53	39.00	32kmX							
SNS	27.03	237	eP	46	45.50	0.9	IMA		66.09	26	P	51	48.00	-1.2	YKA		82.97	23	eP	53	26.30	0.1						
AA	27 36	169	ePc	46	47.00	-0.7	KER		66.13	299	eP	51	54.00	4.0X	MUD		83.05	329	iPd	53	26.60	-0.1						
	0 7s	2.40nm			4.0mb X		KDC		67.54	35	P	51	57.00	-1.3			0.8s	14.30nm				5.1mb						
IPM	28 42	232	ePc	46	58.10	0.8	PMR		68.62	31	P	52	03.20	-1.8				i	53	40.00	45kmX							
SHL	28.54	281	iP	46	58.00	-0.5			1.0s	100.00nm			5.8mb		VKA		83.36	320	iPd	53	29.80	1.3						
			iS	51	46.00			Z	21s	2.08um			5.3Msz				2.0s	373.00nm				6.2mb						
KGM	28.68	225	ePd	46	59.60	0.0	COL		68.66	27	eP	52	04.00	-1.3				i	53	38.30	27kmX							
LSA	29.28	289	P	47	04.60	-0.8		Z	18s	2.41um			5.5Msz					i	53	41.60								
TSI	30.95	234	e(P)	47	25.00	5.2X					eS	01	09.00					i	54	55.90								
PSI	31.23	232	iPc	47	21.90	-0.4	FBA		68.66	27	P	52	03.50	-1.8	BRG		83.47	323	iP	53	41.10	12.1X						
	0.9s	40.50nm			5.2mb		MSL		68.81	302	eP	52	06.00	-0.7			1.2s	22.00nm										
BSI	32.21	241	ePd	47	31.70	0.8	KEV		70.38	338	iPc	52	14.50	-1.2		Z	1Bs	4.00um				5.8Msz						
PPI	32 45	226	ePc	47	33.60	0.6			1.0s	94.00nm			5.8mb			N	18s	2.00um										
	0.7s	21.50nm			5.2mb		SOD		71.12	336	iPc	52	19.50	-0.7		E	18s	3.00um										
LEM	33.63	209	Pc	47	45.00	1.2	KJF		71.53	333	iPc	52	21.50	-1.2				i	53	42.20	4kmX							
	1.0s	50.00nm			5.4mb				0.8s	129.10nm			6.0mb		SOP		83.48	319	iPc	53	29.80	0.6						
			eS	53	12.00						eS	01	36.00		PRU		83.57	322	P	53	30.50	1.0						
PKI	34.27	285	iPd	47	48.40	-0.7	RTB		71.93	299	ePc	52	26.50	0.8			1.4s	142.00nm				5.9mb						
	1.1s	76.00nm			5.5mb		SUF		72.62	331	iP	52	28.30	-0.9		Z	17s	2.40um				5.6MszX						
KKN	34.37	285	iPd	47	49.40	-0.5			0.7s	81.10nm			5.8mb			N	17s	1.30um										
	0.9s	59.00nm			5.5mb		INK		73.27	22	iPc	52	33.00	0.1		E	20s	1.70um										
DMN	34.53	285	iPd	47	50.90	-0.4			0.9s	210.00nm			6.1mb					i	53	43.10	42kmX							
	1.0s	54.00nm			5.4mb						pP	52	47.00	49kmX				e	53	54.10								
WMO	35.52	314	P	47	58.00	-1.3	MBC		73.62	13	iPc	52	33.40	-1.4	OHR		83.70	312	eP	53	30.00	-0.5						
			pP	48	13.50	61kmX			1.0s	134.00nm			5.9mb		CLL		83.77	324	eP	53	31.00	0.5						
			sP	48	21.50						pP	52	47.50	49kmX			1.0s	30.00nm				5.4mb						
			S	53	30.00		NUR		73.99	329	iPc	52	36.40	-0.8				i	53	43.30	41kmX							
MTN	36.85	167	eP	48	08.00	-2.6			0.8s	42.60nm			5.5mb		KHC		84.53	322	P	53	35.10	0.6						
KNA	39 29	171	iPc	48	30.00	-1.0		Z	18s	3.70um			5.7Msz			Z	24s	1.50um				5.3MszX						
PMG	40 16	142	eP	48	38.50	0.2	ALE		74.27	1	ePc	52	40.00	1.5		N	28s	2.00um										
	1.0s	80.00nm			5 4mb		JER		76.44	299	eP	52	52.50	0.6		E	28s	1.50um										
NDI	41.44	287	iP	48	48.00	-0 8	GVI		76.72	299	eP	52	55.00	1.6				e	53	37.40	7kmX							
			eS	55	04.00		PRNI		77.08	298	eP	52	57.00	1.6				e	53	46.70								
HYB	42.13	270	eP	48	55.00	0.4	DAG		77.43	352	iPd	52	54.70	-1.8	AVY		84.77	247	ePd	53	49.70	13.4X						
BGA	42.89	129	eP	49	01.00	0.2			1.0s	83.00nm			5.7mb		MOX		84.86	324	eP	53	36.00	-0.1						
PAA	43.21	129	eP	49	03.00	-0.4	UPP		77.49	330	iP	52	55.90	-1.1		Z	17s	3.40um				5.8MszX						
GBA	44.31	266	Pc	49	13.50	1.3			1.0s	500.00nm			6.5mb			N	18s	2.50um										
	1.4s	68.90nm			5.3mb						i	53	09.10	45kmX		E	18s	1.80um										
MBL	44.41	184	iPd	49	12.00	-0.9	ODB		77.68	315	eP	53	02.00	3.6X				i	53	49.00	44kmX							
WRA	44.43	165	Pc	49	12.70	-0.4	VRI		77.86	315	eP	53	00.50	1.1				eS	04	05.00								
	0.7s	40.20nm			5.4mb		CVO		78.24	315	eP	53	02.00	0.5	HOF		84.89	323	eP	53	36.20	0.0						
W82	44.44	165	iPd	49	12.30	-0.9	ISR		78.24	314	eP	53	02.00	0.4	WET		84.92	322	iPc	53	37.40	1.0						
POO	46.15	274	iP	49	27.00	0.0	MLR		78.51	315	iPd	53	04.00	0.9	GRF		85.58	323	iPd	53	40.50	0.8						
			eS	55	25.00		ELL		78.87	305	eP	53	04.60	-0.7		Z	19s	2.50um				5.6Msz						
NAU	46.28	190	iPd	49	27.80	0.1	CGN		78.96	313	eP	53	07.00	1.6				e	53	43.10	8kmX							
BOM	47.01	274	eP	49	14.00	-19.7X	HFS		79.14	331	eP	53	04.90	-1.2				e	53	53.10								
			eS	56	35.00				0.8s	49.90nm			5.6mb		KBA		85.69	320	iPd	53	40.70	0.2						
ASPA	47.93	167	iPd	49	40.60	-0.2		Z	16s	9.37um			6.2MszX				1.0s	45.10nm				5.6mb						
	0.5s	36.00nm			6.0mb						LR	24	43.00					i	53	49.40	27kmX							
SMY	48.26	39	P	49	43.00	0.0	JMB		79.19	312	iP	53	14.00	7.2X				i	53	57.70								
	1.0s	560.00nm			6.5mb		NB2		79.76	333	P	53	08.20	-1.3				i	56	50.30								
HNR	48.55	128	eP	49	42.00	-3.8X			1.1s	189 10nm			6.0mb		VOY		85.88	319	eP	53	41.20	-0.2						
CTA	48 73	151	iPd-	49	47.20	0.2	TCW		79.85	143	eP	53	09 00	-1.2				i	53	49.80	27kmX							
	1.0s	30.50nm			5.3mb		PVL		79.90	313	eP	53	17.00	6.5X	WIT		86.28	327	eP	53	45.00	2.0						
			iS	56	50.00		DIM		80.04	311	iP	53	03 00	-8.3X				i	53	57.50	41kmX							
WBN	49 36	176	iPd	49	51.80	0.0	GNZ		80.29	139	P	53	12.20	-0.3	FUR		86.34	322	eP	53	45.50	2.0						
	0 5s	38.00nm			5.7mb		KDZ		80.36	311	iP	53	19 00	6.0X	WTS		86.67	326	eP	53	45.00	0.1						
MEP	49 92	185	iPd	49	55.10	-1.0	KRA		80.43	320	iPc	53	14 10	0.9			0.8s	19.00nm				5.4mb						
	0.4s	46 00nm			5.9mb				1.2s	283.00nm			6.1mb					i	53	58.00	43kmX							
ADP	53 59	42	P	50	21.00	-2.4		Z	20s	3.40um			5.7Msz		TNS		86.81	324	eP	53	46.60	0.8						

BNS 87.07 325 eP 53 47.20 0.3
1.4s 60.00nm 5.6mb
OGA 87.16 320 iPc 53 49.70 1.9
NAI 87.18 267 eP 53 49.00 0.6
CTI 87.22 320 eP 53 51.00 3.1X
GDH 87.59 359 iPc 53 50.30 1.3
0.7s 13.70nm 5.3mb
i 57 08.00
OSS 87.77 321 eP 53 54.00 3.3X
BUH 87.78 323 eP 53 50.40 -0.1
ENN 87.83 326 eP 53 50.50 -0.1
0.9s 26.00nm 5.5mb
e 54 03.50 43kmX
GMW 87.87 38 P 53 51.70 0.8
MEM 87.88 325 P 53 50.80 0.0
e 53 55.40 14kmX
e 54 03.90
GWF 87.94 324 eP 53 51.50 0.3
AQU 88.02 316 eP 54 01.50 9.7X
SLE 88.13 322 eP 53 54.00 1.8
VDL 88.27 321 eP 53 53.50 0.4
LLS 88.34 321 eP 53 55.40 2.0
WLF 88.35 325 P 53 53.70 0.6
CDF 88.45 323 iPc 53 53.80 0.0
1.3s 111.10nm 6.0mb
MNS 88.46 316 eP 53 54.50 0.7
UCC 88.62 326 P 53 56.60 2.2
e 54 08.00 36kmX
PNT 88.63 36 eP 53 55.00 0.5
1.0s 80.00nm 6.0mb
pP 54 09.00 47kmX
DOU 88.91 326 Pc 53 56.90 1.1
0.9s 60.00nm 5.9mb
Z 20s 2.20um 5.6Msz
BSF 89.05 323 iPc 53 56.40 -0.3
1.1s 43.90nm 5.7mb
HAU 89.19 323 iPc 53 57.10 -0.1
1.1s 48.80nm 5.7mb
EDM 89.37 30 iPc 53 58.60 0.6
MMK 89.38 321 eP 53 59.00 0.5
DIX 89.69 321 eP 54 00.40 0.5
NEW 90.59 35 eP 54 04.50 0.7
e 54 17.00 41kmX
YKM 90.96 34 iP- 54 06.90 1.3
LOR 90.99 324 iPc 54 05.50 -0.1
1.3s 54.10nm 5.8mb
LBF 91.09 323 iPc 54 06.10 0.0
1.1s 59.60nm 5.9mb
RXF 91.27 34 iP- 54 08.50 1.6
SSF 91.31 324 eP 54 07.10 0.1
1.1s 30.20nm 5.6mb
SMF 91.37 323 iPc 54 07.50 0.2
LHD 91.42 35 iP- 54 09.20 1.6
LDM 91.42 35 iP- 54 09.20 1.6
AVF 91.55 323 iPc 54 08.20 0.1
1.4s 101.60nm 6.0mb
FRF 91.56 319 iPc 54 11.40 3.2X
1.1s 23.30nm 5.5mb
CLX 91.67 35 iP- 54 10.30 1.3
LMR 91.77 319 eP 54 12.40 3.2X
1.2s 29.70nm 5.6mb
LRG 91.79 319 iPc 54 12.70 3.4X
0.9s 21.80nm 5.6mb
WDC 91.82 44 e(P) 54 12.60 3.1X
e 57 39.90
DDK 91.95 332 iPc 54 09.40 -0.4
1.0s 160.00nm 6.4mb
BGF 91.97 323 iPc 54 10.60 0.5
1.4s 33.80nm 5.6mb
RMT 92.10 45 P 54 10.00 -0.7
DLE 92.11 332 iPc 54 10.50 0.0
LDF 92.27 326 eP 54 10.80 -0.6
MZF 92.32 323 iPc 54 12.30 0.6
1.4s 92.70nm 6.0mb
FLN 92.34 327 eP 54 11.10 -0.6
1.1s 24.40nm 5.5mb
TCF 92.49 323 eP 54 12.90 0.4
1.1s 31.30nm 5.7mb
MIN 92.54 44 eP 54 19.50 6.5X
FRB 92.66 5 eP 54 11.00 -1.9
pP 54 26.00 51kmX
GRR 92.78 326 eP 54 13.30 -0.4
1.5s 64.20nm 5.8mb
LSF 92.88 324 iPc 54 14.40 0.1
ORV 93.05 44 eP 54 15.60 0.4
FFC 93.10 24 iPc 54 14.90 -0.2
0.7s 31.00nm 5.8mb

LPF 93.10 326 eP 54 14.90 -0.3
1.1s 27.10nm 5.6mb
CAF 93.40 322 iPc 54 17.80 1.0
1.0s 48.00nm 5.9mb
RJF 93.48 323 iPc 54 17.90 0.9
1.0s 47.50nm 5.9mb
MFF 93.56 325 eP 54 17.00 -0.4
1.3s 17.30nm 5.3mb
LPO 94.05 323 eP 54 20.60 0.9
1.1s 18.70nm 5.4mb
LFF 94.14 323 iPc 54 20.80 0.7
1.1s 19.80nm 5.5mb
LRM 94.61 35 eP 54 23.40 0.8
BMN 95.23 42 eP 54 26.90 1.5
EUR 96.57 42 iP 54 34.00 2.3
0.2s 5.02nm 5.7mb
CWC 97.04 45 eP 54 34.00 0.3
ISA 97.23 46 eP 54 35.00 0.5
e 58 25.00
CLC 97.72 46 eP 54 38.00 1.3
e 58 22.00
BDW 98.17 36 eP 54 41.30 2.5
SBB 98.23 47 eP 54 40.00 1.0
e 58 38.00
MWC 98.34 47 eP 54 39.00 -0.7
e 58 36.00
GSC 98.55 46 eP 54 43.00 2.6
e 58 33.00
PLM 99.66 47 eP 54 53.00 7.3X
e 58 40.00
TPC 99.76 46 eP 54 56.00 10.1X
e 58 45.00
BNG 101.61 280 ePdiff 55 05.40 10.9X
1.0s 11.00nm
i 55 25.90
i 58 53.20
i 59 36.10
ALQ 105.28 40 e(Pdif 55 10.00 -0.6
Z 18s 1.03um 5.4Msz
SPA 113.26 180 e(PKP) 59 38.90 0.1
TPM 121.05 48 ePKP 59 56.00 0.8
KIC 121.19 294 ePKP 59 54.30 -1.1
i 00 08.00
TOV 144.66 22 iPKPd 00 38.80 -0.5
0.6s 70.50nm
CAR 144.88 17 iPKPd 00 38.30 -1.4
0.8s 89.55nm
SDV 145.18 24 ePKP 00 39.70 -0.6
0.7s 66.60nm
UAV 145.23 25 iPKPc 00 40.10 -0.3
0.4s 64.80nm
BMG 145.80 30 iPKP 00 41.50 0.2
CHN 146.36 35 ePKP 00 47.50 5.2X
BOG 147.45 33 ePKP 00 47.00 2.7
GUV 148.38 12 iPKPc 00 45.00 -0.3
0.6s 66.60nm
PSO 148.44 42 ePKP 00 47.00 1.1
ITR 157.15 307 ePKP 01 10.00 12.2X
ITR 157.15 307 ePKP 01 11.00 13.2X
AT8 159.52 347 e(PKP) 01 10.00 9.6X
LP8 167.38 59 PKP 01 10.00 1.8
i 01 23.00
TPZ 168.82 82 PKP 01 13.00 4.1X
TCA 169.50 141 ePKPd 01 10.20 1.5
YJA 171.89 83 ePKPc 01 13.80 3.2X
S.D. = 1.1 on 224 of 272 obs

• FEB 18, 1985 20h 48m 08.05± 0.96s
38.717 N ± 8.4km 20.366 E ±10.4km
DEPTH = 10.0km (geophysicist)
3.8mb (1 obs.)
GREECE (364)
ML 3.1 (TTG).

VLS 0.57 162 iPgd 48 19.50 -0.1
eSg 48 28.50
KZN 1.92 34 ePn 48 42.70 1.5
OHR 2.41 8 iPn 48 49.90 1.7
VAY 3.10 32 iPn 48 57.00 -0.9
BRT 3.25 313 ePn 49 30.00 29.9X
eSn 50 04.00
ORI 3.31 295 ePn 49 03.00 2.0
eSn 49 47.00
SKO 3.35 14 iPn 49 01.00 -0.5
i 49 11.50
iSn 49 47.00
BDV 3.75 342 ePn 49 06.50 -0.7

eSn 49 49.50
TTG 3.80 348 ePn 49 08.00 0.1
eSn 49 52.00
MMB 3.86 41 iPd 49 10.00 1.3
HCY 3.99 340 ePn 49 10.00 -0.5
eSn 49 56.00
IVA 4.17 355 ePn 49 14.00 0.9
BRY 4.40 342 ePn 49 15.80 -0.7
eSn 50 06.50
VTS 4.44 28 eP 49 17.00 0.1
KDZ 4.81 51 eP 49 30.00 7.8X
DIM 5.19 48 eP 49 54.00 26.5X
HFS 21.85 351 eP 53 00.50 -1.8
0.4s 1.50nm 3.8mb
KJF 25.89 7 eP 53 39.00 -2.4
SOD 28.92 5 iP 54 13.60 4.7X
S.D. = 1.4 on 15 of 19 obs.

• FEB 18, 1985 21h 20m 13.65± 1.60s
38.482 N ±12.7km 20.638 E ±13.0km
DEPTH = 10.0km (geophysicist)
GREECE (364)

VLS 0.53 125 ePg 20 24.20 -0.2
eSg 20 30.00
KZN 2.26 36 ePn 20 51.80 0.1
OHR 2.69 12 iPn 20 59.00 1.2
ORI 3.20 300 e(Pn) 21 05.00 0.1
VAY 3.44 34 iPn 21 06.80 -1.5
SKO 3.65 17 ePn 21 10.00 -1.3
iSn 21 49.00
MMB 4.20 41 iPc 21 22.00 2.8
VTS 4.77 29 eP 21 26.00 -1.2
KDZ 5.15 51 iP 21 54.00 21.3X
S.D. = 1.7 on 8 of 9 obs.

• FEB 18, 1985 22h 04m 37.30± 0.82s
38.552 N ± 6.7km 20.541 E ±12.1km
DEPTH = 10.0km (geophysicist)
GREECE (364)

VLS 0.38 174 ePg 04 45.00 0.0
eSg 04 51.70
KZN 1.99 28 ePn 05 12.60 1.1
eSn 05 40.80
OHR 2.56 4 iPn 05 19.90 0.3
VAY 3.18 29 iPn 05 27.40 -0.8
SKO 3.49 11 ePn 05 32.00 -0.6
eSn 05 08.40
ORI 3.51 297 ePn 05 33.00 0.0
S.D. = 0.9 on 6 of 6 obs.

? FEB 19, 1985 00h 01m 54.45± 3.72s
66.239 N ±34.9km 150.180 W ±20.1km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.5 (PMR).

IMA 1.43 265 iPd 02 21.20 0.6
FBA 1.67 142 eP 02 22.70 -1.2
TTA 4.17 220 eP 02 57.70 -1.8
PME 4.66 173 eP 03 07.70 1.3
PMS 5.02 177 eP 03 12.50 0.9
S.D. = 1.9 on 5 of 5 obs

FEB 19, 1985 00h 30m 44.23± 0.47s
21.134 N ± 5.7km 121.156 E ± 8.6km
DEPTH = 33.0km (normal)
4.5mb (9 obs.)
TAIWAN REGION (243)

PIP 2.84 190 ePd 37 28.00 -0.2
QZH 4.47 329 ePn 37 48.50 -2.9
Sn 38 36.00
Sg 38 49.50
GZH 7.50 286 Pd 38 29.50 -4.6X
QIZ 10.83 261 eP 39 15.00 -5.2X
TIA 15.43 348 P 40 22.20 1.1
XAN 16.80 322 eP 40 37.40 -1.2
TIY 18.17 337 eP 40 57.50 1.8
CD2 18.40 305 eP 40 59.20 0.7
8JI 19.32 348 eP 41 09.00 -0.5
LZH 21.23 318 eP 41 31.00 1.2
HHC 21.28 340 eP 41 31.00 0.9
BTO 21.59 336 eP 41 34.00 0.7
CN2 22.88 8 Pd 41 45.20 -0.8
MDJ 24.44 15 eP 42 01.00 0.0

19d 00h

IPM	25.55	233	ePc	42 12.00	0.1
GTA	25.80	320	eP	42 14.20	0.0
PKI	33.11	268	eP	43 19.70	-0.2
	0.8s	5.00nm		4.5mb	
KKN	33.24	289	eP	43 20.70	-0.1
	0.8s	11.00nm		4.8mb	
DMN	33.38	288	eP	43 22.00	-0.2
	0.8s	6.00nm		4.6mb	
GBA	42.29	267	Pd	44 36.20	-0.4
	0.9s	4.70nm		4.2mb	
WRA	42.81	162	Pc	44 45.80	5.0X
	0.9s	4.60nm		4.2mb	
WB2	42.82	162	eP	44 41.20	0.3
COL	71.52	27	eP	48 03.00	-0.5
	0.8s	7.84nm		4.8mb	
SOD	72.42	336	eP	48 09.00	0.2
KJF	72.68	333	eP	48 10.00	-0.3
SUF	73.70	331	eP	48 17.00	0.7
	0.5s	3.30nm		4.6mb	
NUR	74.98	329	eP	48 24.00	0.3
INK	76.07	22	eP	48 29.00	-0.8
MBC	76.23	12	eP	48 30.00	-0.6
HFS	80.21	331	(P)	48 53.10	0.5
	0.5s	2.00nm		4.4mb	
NB2	80.90	332	P	49 00.20	3.8X
	0.7s	2.20nm		4.3mb	
YKA	85.78	23	eP	49 21.70	0.5
S.D. = 0.9 on 28 of 32 obs.					

• FEB 19, 1985 02h 32m 15.03± 0.88s
34 529 S ±17.2km 106.931 W ±16.3km
DEPTH = 10.0km (geophysicist)
4.5mb (5 obs.)
EASTER ISLAND CORDILLERA (684)

ARE	36.45	69	eP	39 24.00	1.6
SLA	37.10	86	ePc	39 29.80	2.2
LPB	39.06	73	eP	39 43.00	-1.5
			LR	50 56.00	
BOG	49.75	45	eP	41 14.00	3.9X
			eS	48 19.00	
VAC	53.13	94	eP	41 32.80	-2.6
SPA	55.65	130	e(P)	41 53.80	0.4
BAR	67.48	351	eP	43 12.00	-1.1
GLA	67.63	353	eP	43 25.00	10.9X
PLM	68.17	351	eP	43 18.00	0.4
ALQ	69.11	0	e(P)	43 19.00	-4.4X
	1.0s	4.00nm		4.6mb	
MWC	69.18	350	eP	43 25.00	1.1
SBB	69.61	350	eP	43 25.00	-1.3
GSC	70.08	351	eP	43 29.00	-0.2
ISA	70.66	350	eP	43 33.00	0.3
CLC	70.69	351	eP	43 34.00	1.1
WKTM	70.78	350	P	43 33.20	-0.3
TUL	70.84	10	e(P)	43 33.70	-0.1
	0.9s	18.30nm		5.2mb	
RLO	71.20	10	eP	43 29.50	-6.4X
JAS1	73.17	349	eP	43 58.60	11.0X
EUP	74.12	353	iP	43 53.20	-0.1
	0.5s	2.66nm		4.5mb	
DAU	74.68	357	P	43 56.40	-0.2
BMN	75.19	352	eP	44 00.10	0.7
	1.0s	4.75nm		4.5mb	
BDW	76.97	358	eP	44 09.10	-0.4
	1.0s	3.60nm		4.4mb	
			pP	44 20.10	36kmX
FFC	88.99	3	eP	45 22.00	11.3X
	1.0s	6.00nm			
S.D. = 1.2 on 18 of 24 obs.					

FEB 19, 1985 03h 24m 35.42± 0.79s
31.584 S ± 7.7km 68.404 W ± 7.9km
DEPTH = 103.2 ± 9.6 km
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.14	99	iPd	24 50.30	0.0
			S	24 57.40	
ZON	0.24	279	iPd	24 50.50	-0.1
			eS	25 01.00	
RTLL	0.26	347	iPd	24 50.30	-0.4
RTCV	0.30	202	iPd	24 51.20	0.6
			S	25 03.00	
MDZ	1.35	196	iP	25 20.90	20.4X
JACH	2.16	239	iPd	25 11.30	0.5
			iS	25 40.50	
PEL	2.48	231	iP	25 14.80	-0.2
			iS	25 45.30	
VCA	2.84	4	eP	25 20.00	0.0
			S	25 55.70	
TACH	2.97	225	ePd	25 21.50	-0.1
RFA	3.18	181	ePc	25 24.20	-0.3
			S	25 56.00	
TCA	3.27	87	iPd	25 25.90	0.2
			S	26 02.80	
S.D. = 0.4 on 10 of 11 obs.					

? FEB 19, 1985 04h 17m 20.15± 1.18s
66.474 N ±11.9km 149.823 W ±10.4km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.3 (PMR).

IMA	1.61	257	eP	17 48.60	-0.2
FBA	1.79	151	iPc	17 50.40	-0.9
PME	4.88	176	eP	18 35.10	-0.2
PMS	5.25	179	eP	18 41.70	1.1
INK	6.55	66	eP	18 59.00	0.2
S.D. = 1.0 on 5 of 5 obs.					

& FEB 19, 1985 05h 09m 35.20s
34.160 N 116.980 W
DEPTH = 10.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.3 (PAS). Felt at Lake Arrowhead.

SDW	0.45	350	iP	09 43.60	-0.9
TPC	0.77	94	iPd	09 49.50	-0.8
SBB	0.88	307	iPc	09 51.20	-0.9
MWC	0.90	274	iPc	09 51.70	-0.8
GSC	1.15	7	iPd	09 56.20	-0.5
VPEM	1.91	339	eP	10 06.80	-1.5
WKTM	2.02	324	eP	10 08.10	-1.7
GLA	2.11	121	eP	10 09.30	-1.7
EUR	5.37	8	eP	11 08.00	10.4
	0.2s	2.23nm			
9 obs. associated					

• FEB 19, 1985 07h 23m 09.04± 1.12s
66.362 N ±13.1km 149.829 W ± 8.9km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.6 (PMR).

IMA	1.59	261	iPc	23 38.20	0.8
COL	1.69	149	eP	23 39.00	0.2
			e	23 41.00	
FBA	1.69	149	iPd	23 39.30	0.5
TTA	4.35	221	eP	24 15.60	-1.2
PME	4.77	175	eP	24 25.90	3.3X
			e	24 35.20	
PMS	5.14	179	eP	24 30.80	2.9X
INK	6.60	66	eP	24 48.00	-0.4
S.D. = 1.1 on 5 of 7 obs.					

FEB 19, 1985 08h 14m 43.71± 0.69s
35.064 S ±13.3km 107.506 W ±12.7km
DEPTH = 10.0km (geophysicist)
4.8mb (8 obs.)
EASTER ISLAND CORDILLERA (684)

ARE	37.09	69	eP	21 56.00	-0.4
SLA	37.61	86	eP	22 01.20	0.6
LPB	39.67	73	P	22 10.00	-8.2X
	1.3s	38.46nm		4.9mb	
			LR	33 29.00	
PSO	45.80	45	eP	23 08.50	0.5
BOG	50.47	45	eP	23 45.00	0.8
			eS	30 55.00	
VAO	53.56	94	eP	24 06.40	-0.8
			e	24 10.40	
SPA	55.12	180	e(P)	24 18.00	-0.2
ATB	60.06	71	e(P)	24 47.00	-6.4X
JCT	65.60	7	eP	25 29.00	-0.8
	1.2s	23.44nm		5.3mb	
BAR	67.93	352	eP	25 44.00	-0.7
GLA	68.11	353	eP	25 45.00	-0.7
PLM	68.62	352	eP	25 49.00	-0.1
TPC	69.27	352	eP	25 53.00	0.1
MWC	69.63	351	eP	25 55.00	-0.3
ALQ	69.65	1	e(P)	25 51.00	-4.4X
	1.2s	6.64nm		4.7mb	
SBB	70.06	351	eP	25 56.00	-1.7
GSC	70.54	352	eP	26 01.00	0.3
ISA	71.10	351	eP	26 04.00	-0.1
CLC	71.14	351	eP	26 04.00	-0.3
WKTM	71.23	351	P	26 05.40	0.5
TUL	71.45	10	eP	26 05.30	-0.8
	0.8s	16.70nm		5.2mb	
RLO	71.81	11	e(P)	26 06.70	-1.6
CWC	71.81	351	eP	26 09.00	0.5
JAS1	73.60	349	P	26 19.40	0.6
	1.1s	5.27nm		4.5mb	
MNA	73.79	351	P	26 29.00	9.0X
EUR	74.59	353	iP	26 25.20	0.5
	0.2s	8.37nm		5.4mb	
DAU	75.18	357	P	26 28.20	0.0
BMN	75.65	352	eP	26 31.00	0.3
	1.0s	2.50nm		4.2mb	
BDW	77.49	358	eP	26 40.30	-0.7
	0.9s	2.91nm		4.4mb	
NEW	83.40	354	eP	27 12.00	-0.1
SES	85.15	358	eP	27 23.00	2.2
EDM	88.07	356	eP	27 37.50	2.5
YKA	97.39	357	eP	28 22.10	4.4X
S.D. = 1.0 on 28 of 33 obs.					

FEB 19, 1985 08h 37m 42.22± 0.42s
53.328 N ± 8.4km 164.701 W ± 5.2km
DEPTH = 33.0km (normal)
4.5mb (7 obs.)
UNIMAK ISLAND REGION (10)
ML 4.5 (PMR).

SDN	3.18	49	iPd	38 29.60	-1.4
ADK	7.44	264	eP	39 31.60	0.5
KDC	8.22	53	eP	39 38.00	-3.9X
SVW	9.21	29	ePc	39 58.10	2.3
TTA	10.65	22	eP	40 17.00	1.4
PMS	11.38	40	eP	40 21.00	-4.4X
IMA	13.90	19	eP	41 03.50	4.5X
COL	14.42	30	eP	41 03.00	-2.7X
PNL	15.28	55	eP	41 16.20	-0.7
INK	21.00	33	eP	42 26.00	1.3
YKA	27.46	51	eP	43 27.20	0.5
MBC	28.62	21	eP	43 36.00	-1.0
EDM	30.16	69	eP	43 52.00	0.9
EUR	35.62	93	iP	44 38.50	-0.4
	0.5s	2.39nm		4.4mb	
ISA	36.65	100	eP	44 53.00	5.7X
SBB	37.70	100	eP	44 56.00	-0.2
GSC	37.88	99	eP	44 58.00	0.2
MWC	37.89	101	eP	44 59.00	1.0
PLM	39.21	101	eP	45 09.00	0.0
ALQ	44.31	90	e(P)	45 51.00	0.2
	1.0s	3.75nm		4.2mb	
CN2	45.45	287	Pc	45 58.70	-0.8
FRB	46.52	38	eP	46 07.00	-0.7
			pP	46 20.00	48kmX
SCH	52.79	46	eP	46 54.00	-2.0
BTO	56.20	294	eP	47 21.30	0.1
SOD	59.32	355	eP	47 42.00	-0.6
KJF	62.41	354	eP	48 04.00	0.4
GTA	62.51	300	eP	48 04.00	-0.8
SUF	63.98	354	iP	48 12.70	-1.2
	0.3s	1.40nm		4.5mb	
WMO	65.12	310	P	48 21.00	-0.7
NUR	66.27	355	iP	48 28.40	-0.2
CD2	66.73	291	P	48 33.00	0.9
HFS	66.88	1	eP	48 30.80	-1.8
	0.5s	2.70nm		4.6mb	
GYA	68.45	286	P	48 43.60	0.6
KKN	79.10	302	eP	49 45.80	0.8
	0.5s	7.00nm		4.9mb	
PKI	79.21	302	eP	49 46.30	0.5
	0.6s	7.00nm		4.8mb	
KBA	79.96	1	ePc	49 49.50	0.2
	0.9s	3.50nm		4.4mb	
MTD	141.36	335	ePKP	57 19.00	7.6X
			e	58 14.00	
			e	01 30.00	
SPA	143.14	180	e(PKP)	57 12.80	-0.3
BUL	145.32	338	iPKPc	57 19.00	0.8
			i	58 11.00	
			i	01 25.00	
S.D. = 1.0 on 33 of 39 obs.					

FEB 19, 1985 08h 39m 14.88± 0.93s
22.937 S ± 5.9km 176.687 W ± 4.7km
DEPTH = 146.1 ± 8.4 km
5.3mb (23 obs.)

SOUTH OF FIJI ISLANDS (171)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 21C
Centroid Location:
Origin Time 08:39:19.5 0.4
Lat 22.88S 0.06 Lon 176.35W 0.05
Dep 122.6 2.3 Half-duration 2.1
Moment Tensor; Scale 10**24 D-CM
Mrr=-0.39 0.09 Mtt=-0.28 0.17
Mff= 0.67 0.14 Mrt=-0.35 0.08
Mrf=-1.99 0.07 Mtf= 0.10 0.12
Principal Axes:
T Val= 2.23 Plg=38 Azm= 98
N -0.28 2 190
P -1.95 52 282
Best Double Couple:Mo=2.1*10**24
NP1:Strike=176 Dip= 8 Slip=-104
NP2: 10 83 -88

RAO 6.39 190 P 40 49.00 1.3
S 40 59.50
SVA 6.61 316 eP 40 51.60 0.8
eS 42 18.60
VUN 6.69 316 eP 40 53.00 1.1
eS 41 11.00
NUE 7.39 60 P 40 50.10 -11.2X
S 42 03.00
YSA 8.23 318 eP 40 50.00 -22.5X
AFI 10.11 28 P 41 26.00 -11.6X
S 43 06.00
PVC 14.99 287 iPc 42 44.50 4.0X
NOU 15.58 269 iPc 42 49.00 1.1
iS 45 56.20
RAR 15.77 87 P 42 46.00 -4.2X
S 45 25.50
GNZ 16.30 195 P 42 55.50 -1.1
S 45 40.50
KRP 16.36 202 P 42 57.10 -0.3
S 45 04.00
KOU 17.84 274 iPc 43 15.70 0.4
MNG 18.83 199 P 43 21.00 -4.9X
S 46 35.80
WEL 19.65 199 P 43 37.20 2.8X
S 46 58.00
TCW 19.74 201 P 43 29.40 -5.9X
S 46 56.00
TBI 25.03 96 eP 44 33.00 6.0X
1.6s 285.00nm 5.5mb
MSZ 25.09 207 eP 44 18.50 -8.8X
AFR 25.79 83 eP 44 33.00 -1.0
1.1s 50.00nm 5.0mb
PAE 25.94 83 eP 44 34.00 -1.4
1.1s 30.00nm 4.8mb
HNR 26.10 297 eP 44 33.00 -3.8X
TVO 26.21 84 eP 44 36.00 -1.9
1.1s 60.00nm 5.1mb
COO 29.00 248 eP 45 04.00 0.9
CAN 32.25 240 eP 45 31.80 0.3
e 48 18.30
YOU 32.53 242 eP 45 34.40 0.4
e 48 18.50
WAM 32 55 238 eP 45 36.20 2.1
e 48 19.40
CMS 34.27 247 eP 45 48.00 -0.9
CTA 34.54 268 iPd 45 51.40 0.1
0.8s 72.76nm 5.5mb
i 46 19.00
iS 51 10.00
TOO 35.52 237 eP 46 00.00 0.5
PMG 37.12 285 eP 46 12.50 -0.6
1.0s 160.00nm 5.7mb
STK 37.90 247 eP 46 20.00 0.5
ADE 40.52 243 iPc 46 40.60 -0.6
ASPA 45.20 259 eP 47 18.00 -1.1
WB2 45.51 264 eP 47 19.70 -1.9
WRA 45.52 264 Pc 47 20.50 -1.1
0.8s 65.40nm 5.3mb
WBN 51.37 254 iPd 48 05.20 -1.5
0.5s 50.00nm 5.5mb
KNA 51.73 268 eP 48 09.00 -0.5
KLB 58.16 246 eP 48 54.00 -1.7
MEK 58.37 252 eP 48 55.00 -2.3
0.7s 16.00nm 5.1mb
MBL 58.45 259 eP 48 57.00 -0.9
BAL 59.21 247 eP 49 01.00 -2.0
MUN 59.40 245 eP 49 03.00 -1.3

NAU 61.99 256 iPd 49 22.00 0.1
0.5s 32.00nm 5.5mb
SPA 67.20 180 iPd 49 56.80 1.7
1.0s 76.00nm 5.5mb
BAG 72.75 297 eP 50 27.00 -2.4
ADK 74.49 0 eP 50 36.20 -2.3
SYP 78.51 45 eP 51 02.00 0.4
PRS 78.75 43 eP 51 03.10 0.4
GCC 78.81 42 eP 51 03.80 0.9
SAO 78.98 42 eP 51 03.80 -0.1
PRI 79.08 43 eP 51 04.80 0.2
BRK 79.19 41 eP 51 04.70 -0.3
LLA 79.20 43 eP 51 05.50 0.4
BKS 79.21 41 eP 51 06.10 1.0
1.0s 43.00nm 5.1mb
MHC 79.23 42 eP 51 04.80 -0.6
PAS 79.47 46 eP 51 06.00 -0.6
MWC 79.59 46 eP 51 07.00 -0.5
BAR 79.61 48 eP 51 08.00 0.6
PLM 79.88 47 eP 51 08.00 -1.0
RVR 79.91 47 eP 51 09.00 0.1
SBB 80.02 46 eP 51 09.00 -0.6
FHC 80.10 38 eP 51 10.40 0.5
ISA 80.18 45 eP 51 10.00 -0.4
e 51 41.00
FRI 80.21 43 eP 51 10.30 -0.1
WKTM 80.28 45 P 51 10.50 -0.5
JAS1 80.35 42 eP 51 11.10 -0.1
ORV 80.73 40 P 51 13.20 0.1
VPEM 80.78 45 P 51 13.30 -0.4
WDC 80.78 39 eP 51 13.40 0.0
CLC 80.84 45 eP 51 14.00 0.1
e 51 45.00
TPC 80.86 47 eP 51 14.00 0.0
e 51 45.00
CWC 80.90 44 eP 51 14.00 -0.3
e 51 45.00
GSC 81.06 46 eP 51 15.00 0.0
GLA 81.09 49 eP 51 16.00 0.8
e 51 45.00
MIN 81.17 39 eP 51 15.40 -0.2
KGM 81.57 276 eP 51 18.00 -0.1
MNA 82.06 43 eP 51 20.70 0.4
KDC 82.89 13 eP 51 23.10 -0.7
BMN 83.85 41 eP 51 30.00 0.7
1.0s 25.00nm 5.0mb
EUR 84.06 43 iP 51 30.50 0.0
0.2s 27.35nm 5.7mb
IPM 84.69 277 ePc 51 35.00 1.1
CN2 84.96 322 eP 51 33.70 -0.9
TIA 85.81 312 P 51 38.80 -0.2
TTA 87.13 9 eP 51 44.70 -0.2
PME 87.16 13 eP 51 44.40 -0.6
1.0s 27.50nm 5.2mb
ALQ 87.98 51 eP 51 49.00 -0.8
1.0s 22.50nm 5.2mb
epP 52 21.00 123kmX
PNT 88.00 33 eP 51 52.00 2.7
1.0s 27.00nm 5.2mb
BJI 88.47 315 eP 51 51.50 -0.2
NEW 88.64 35 eP 51 52.00 -0.4
NNT 89.04 284 eP 51 56.30 1.4
BDW 89.90 43 iP 51 58.90 0.2
1.0s 9.80nm 4.8mb
COL 90.36 12 eP 51 58.00 -2.0
1.0s 51 00nm 5.6mb
FBA 90.36 12 eP 51 59.00 -1.0
0.8s 36.00nm 5.5mb
IMA 90.44 9 eP 52 00.10 -0.4
XAN 90.57 307 eP 52 01.70 0.0
JCT 90.86 57 iP 52 03.10 0.0
1.1s 19.62nm 5.1mb
GOL 91.07 47 eP 52 04.80 0.6
0.9s 4.92nm 4.6mb
CHG 92.21 289 eP 52 11.00 1.5
SES 93.12 36 eP 52 13.00 -0.1
EDM 93.49 33 eP 52 14.00 -0.7
RSSD 94.06 44 eP 52 17.30 -0.5
1.1s 46.51nm 5.6mb
INK 96.29 15 eP 52 26.00 -1.1
YKA 98.21 24 eP 52 36.80 0.9
SOB1 126.21 121 ePKP 58 02.00 -0.4
ITR 128.42 123 ePKP 58 05.30 -1.3
SOD 133.23 348 ePKP 58 09.00 -5.1X
e 58 14 00
eSKP 01 32.00
KJF 135.71 345 ePKP 58 12.00 -6.9X

0.7s 21.40nm
i 58 19.60
SUF 137.34 345 ePKP 58 13.00 -9.1X
NUR 139.61 344 ePKP 58 15.00 -11.2X
0.7s 17.40nm
Z 20s 0.20um 4.9Msz
i 58 28.80
eSKP 01 51.00
LR 49 10.00
NB2 141.53 354 PKP 58 24.20 -5.6X
1.0s 11.10nm
HFS 142.12 352 ePKP 58 24.60 -6 2X
0.4s 4.90nm
RTB 145.97 296 iPKPd 58 39.00 0 9
e 59 12.00
MUD 146.24 354 iPKPc 58 39.50 1.7
0.5s 15.00nm
COP 146.60 351 ePKP 58 40.00 1.6
1.0s 80.00nm
EKA 147.29 7 PKPc 58 41.60 2.0
0.9s 40.60nm
DMU 148.13 11 iPKPc 58 43.70 2.7
0.9s 124.00nm
DCN 148.59 12 iPKPc 58 44.80 3.1X
0.9s 133.00nm
DDK 148.72 11 ePKP 58 44.70 2.8
1.1s 196.00nm
DLE 148.78 11 iPKPc 58 45.40 3.4X
1.1s 98.00nm
ETA 149.41 11 ePKP 58 37.10 -5.9X
1.4s 150.00nm
ECB 149.61 12 ePKP 58 39.60 -3.7X
1.6s 335.00nm
ECP 149.87 12 ePKP 58 42.10 -1.5
1.7s 350.00nm
KRA 149.95 338 ePKP 58 49.00 5.1X
0.9s 53.00nm
i 58 52.00
WIT 150.06 356 ePKP 58 50.50 6.6X
VRI 150.26 326 ePKP 58 50 00 5.5X
KSP 150.37 343 ePKP 58 45.00 0.5
id 58 50.50
CRI 150.40 296 ePKP 58 52.00 6.8X
JER 150.43 294 ePKP 58 51.00 5.7X
CLL 150.70 348 ePKP 58 46.00 1.0
PRNI 150.80 291 ePKP 58 53.00 7.2X
ISR 150.85 325 ePKP 58 51.50 6.0X
WTS 150.87 356 ePKP 58 51.50 6.4X
1.0s 191.00nm
BRG 150.91 346 iPKP 58 45.80 0 5
i 58 50.70
i 58 58.80
e 59 22.70
MLR 150.92 326 ePKP 58 50.00 4.3X
JOS 151.05 336 ePKPc 58 52.10 6.5X
CSS 151.24 301 ePKP 58 53.50 7.2X
GPA 151.39 314 ePKP 58 51.30 4.9X
MOX 151.59 349 ePKP 58 46.00 -0.4
i 58 53.00
e 59 01.00
PRU 151.60 345 PKP 58 53.20 6.8X
e 59 02.00
e 59 25.00
ENN 152.15 356 ePKP 58 54.50 7.4X
1.0s 76.00nm
UCC 152 18 359 PKP 58 56.00 8 9X
MEM 152.30 356 PKP 58 54.60 7 3X
TNS 152.47 353 ePKP 58 54.30 6.6X
ZST 152.50 340 ePKP 58 55.50 7.8X
e 59 07.00
KHC 152.63 345 iPKP 58 49.30 1.4
1.0s 67.50nm
e 58 55.80
e 59 06.40
GRB1 152.79 348 ePKP 58 48.60 0.5
e 58 56.00
DOU 152.87 358 PKPc 58 56.00 7 8X
WLF 153.23 356 PKP 58 57.90 9.3X
GWF 153.79 354 ePKP 58 55.50 6.0X
FLN 154.05 6 ePKP 58 57.40 7.6X
LDF 154.25 5 ePKP 58 58.00 7 9X
CDF 154.38 354 ePKP 58 58.60 8.2X
GRR 154.39 6 ePKP 58 58.30 8.0X
KBA 154.59 344 iPKPc 58 47.80 -3.1X
1.0s 18.30nm
i 58 50.50
i 58 53.70

19d 08h

			ipP	59	13.90	
			i	59	18.40	
LPF	154.72	7	ePKP	58	59.20	8.5X
HAU	154.87	355	ePKP	58	59.80	8.8X
SLE	154.88	352	ePKP+	58	51.50	0.5
BSF	155.00	354	ePKP	58	59.90	8.6X
SAX	155.26	350	ePKP+	58	51.90	0.0
VOR	155.41	342	ePKP	58	51.60	-0.3
			e	59	17.80	
OSS	155 67	349	ePKP+	58	52.50	0.1
LOR	155.72	359	ePKP	59	01.50	9.3X
SSF	155.93	360	ePKP	59	02.00	9.5X
CTI	155 97	346	ePKP	58	53.00	0.3
AVF	156.20	360	ePKP	59	02.60	9.8X
MFF	156.22	6	ePKP	59	02.30	9.5X
BGF	156 43	1	ePKP	59	02.20	9.1X
BNG	156 44	221	iPKPd	58	55.00	0.9
	0.5s		18.00nm			
			i	59	23.90	
MMK	156.63	332	ePKP+	58	54.40	0.7
DIX	156.67	353	ePKP+	58	54.60	0.8
TCF	156.69	2	ePKP	59	03.30	9.8X
LSF	156.70	3	ePKP	59	03.10	9.6X
MZF	156.77	1	ePKP	59	03.40	9.8X
KIC	161.78	154	ePKP	59	02.00	2.0
			e	59	47.40	

S.D. = 1.1 on 115 of 173 obs.

• FEB 19, 1985 10h 30m 19.53± 2.70s
29.150 S ±19.2km 67.695 W ±11.2km
DEPTH = 161 ± 27.6 km
LA RIOJA PROVINCE, ARGENTINA (138)

VCA	0.60	312	iPc	30	43.00	-0.1
			S	30	57.50	
RTLL	2.27	197	iPc	30	59.00	0.0
			S	31	26.00	
CFA	2.49	191	ePc	31	01.30	-0.3
			S	31	30.50	
ZON	2.54	199	eP	31	02.00	-0.1
			eS	31	30.00	
PTCV	2.80	195	ePc	31	05.80	0.4
			S	31	38.60	
TCA	3.46	138	ePd	31	14.00	0.2
			S	31	51.80	
JACH	4.31	215	iPc	31	25.60	0.7
			i(S)	32	15.00	
PEL	4.74	212	iP	31	31.00	0.6
TACH	5.28	211	iP	31	36.70	-0.9
RFA	5.64	136	eP	31	42.10	-0.4

S.D = 0.6 on 10 of 10 obs.

FEB 19, 1985 11h 40m 13.42± 1.22s
2.287 N ± 6.2km 126.574 E ±11.4km
DEPTH = 75.2 ± 11.8 km
4.8mb (6 obs.)
MOLUCCA PASSAGE (266)

MNI	1.93	244	ePc	40	46.00	1.3
			eS	41	17.10	
DAV	4.87	348	eP	41	25.20	-0.6
BAG	15.22	338	eP	43	50.00	4.3X
KNA	18.05	173	eP	44	20.00	-0.8
WRA	23.37	161	Pd	45	14.60	-1.6
	0.9s		15 80nm			4.4mb
WB2	23.37	161	eP	45	14.80	-1 4
ASPA	26.76	135	eP	45	50.00	1.8
WBN	28.26	180	iPc	46	01.90	9 3
MEY	29.76	195	eP	46	14.00	-1.1
	1 6s		13.00nm			4.6mb
CHG	31 65	303	eP	46	31.50	-0.4
KAN	35 63	334	eP	47	04.70	-1.4
BJI	38.75	347	eP	47	32.00	0.0
LZH	39.67	331	eP	47	45.00	5.0X
LZH	39 67	331	eP	47	40.50	0.5
YOU	41.76	152	eP	47	57.00	0.1
MDJ	42.24	3	eP	48	01.50	0.8
CAN	42.90	153	eP	48	08.00	1.7
WAM	43.57	154	eP	48	11.50	-0.2
GTA	44.25	330	eP	48	17.20	-0.1
PKI	46.69	307	eP	48	37.70	0.6
	0.6s		8.00nm			4.8mb
KKN	46.88	307	eP	48	37.90	-0.6
	0.8s		17.00nm			5.0mb
DMN	46.94	306	eP	48	38.80	-0.2
	0.8s		13.00nm			4.9mb
GBA	49.84	286	P	49	02.00	0.7
	0.8s		17.10nm			5.1mb
WMO	53.82	326	eP	49	29.50	-1.2
IMA	83.76	24	eP	52	36.80	1.4
PWA	84.93	28	eP	52	41.70	0.6
TCA	149.24	161	ePKPc	59	57.10	5.9X

S.D. = 1.1 on 24 of 27 obs.

& FEB 19, 1985 13h 22m 30.70s
62.246 N 150.846 W
DEPTH = 69.5km
CENTRAL ALASKA (1)
<AGS-P>.

SKT	0.42	231	iP	22	42.16	-0.8
			iS	22	51.43	
PWA	0.75	142	iP	22	45.99	-0.4
			iS	22	58.17	
SUA	0.79	176	iP	22	46.37	-0.6
			iS	22	59.56	
MSE	0.98	114	iP	22	48.71	-0.5
GHO	1.02	117	iP	22	49.50	-0.3
PME	1.06	125	eP	22	49.87	-0.3
CGLM	1.09	211	eP	22	49.75	-1.0
PMS	1.18	148	eP	22	51.41	-0.4
SPU	1.21	209	iP	22	51.35	-0.9
SML	1.26	109	iP	22	52.54	-0.4
KNK	1.41	125	iP	22	54.27	-0.6
PTE	1.64	147	eP	22	56.77	-1.1
SCM	1.71	102	eP	22	58.24	-0.7
SLKM	1.77	170	eP	22	59.04	-0.7
CFI	1.81	125	eP	22	59.34	-1.0
RDT	1.84	205	eP	22	59.74	-1.0
PWL	1.84	138	iP	22	59.09	-1.6
			iS	23	21.40	
MPA	1.90	157	eP	22	59.81	-1.7
SEW	2 25	162	eP	23	06.38	0.0
ILM	2.28	206	eP	23	06.07	-0.8
VLZ	2.42	115	eP	23	07.23	-1.5
KLU	2.45	106	iP	23	07.46	-1.8
BRLK	2.49	180	eP	23	09.13	-0.6
TTA	2.49	288	eP	23	07.87	-1.9
SVW	2.55	245	eP	23	08.72	-1.8
PDB	2.96	215	eP	23	15.01	-1.2
FBA	2.99	26	eP	23	15.19	-1.6
BALM	4.23	103	eP	23	31.63	-2.6

28 obs. associated

& FEB 19, 1985 13h 38m 27.00s
36.087 N 120.017 W
DEPTH = 5.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.1 (BRK), 3.6 (PAS).

PHAM	0.40	231	iP	38	34.80	-0.2
PRI	0.53	276	iPc	38	37.00	-0.6
			eS	38	47.00	
LLA	0.92	306	iPc	38	42.60	-2.4
FRI	0.94	15	eP	38	42.70	-2.6
PRS	1.12	283	iPc	38	46.00	-2.5
WKTM	1.31	102	eP	38	49.10	-2.7
SAO	1.34	301	eP	38	49.00	-3.1
SLD	1.38	316	eP	38	50.00	-2.9
BLP	1.56	192	eP	38	52.70	-2.7
TIN	1.73	56	eP	38	57.50	-0.6
			eS	39	20.20	
ARN	1.75	316	eP	38	54.70	-3.6
VPEM	1.79	94	eP	38	57.00	-1.9
JAS1	1.86	350	iPc	38	57.50	-2.4
			e	39	16.00	
			iS	39	21.00	
EUR	4.67	42	iP	39	53.00	13.0

14 obs. associated

• FEB 19, 1985 13h 53m 19.72± 0.43s
61.084 S ±11.0km 23.692 W ± 7.2km
DEPTH = 33.0km (normal)
5.2mb (5 obs.)
SOUTH SANDWICH ISLANDS REGION (153)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 18C
Centroid Location:
Origin Time 13:53:23.1 0.7
Lat 61.45S 0.12 Lon 24.40W 0.28
Dep 31.3 9.4 Half-duration 1.5
Moment Tensor: Scale 10**23 D-CM
Mrr=-1.82 1.17 Mtt= 3.70 0.76
Mff=-1.88 1.08 Mrt=-3.30 1.75
Mrf=-4.39 1.66 Mtf= 5.48 1.48
Principal Axes:

T	Val= 9.44	Plg=25	Azm=145
N	-2.80	45	27
P	-6.64	34	253

Best Double Couple:Mo=8.0*10**23
NP1:Strike=285 Dip=46 Slip= -8
NP2: 21 84 -136

SPA	29.08	180	eP	59	19.60	0.6
	1.1s		211.31nm			5.8mb
VBA	33.11	296	ePc	59	53.00	-1.4
TCA	39.95	299	ePd	00	51.80	-0.6
TACH	40.78	290	eP	00	58.60	-0.5
PEL	41.09	291	iPc	01	02.70	1.0
ROCH	41.38	291	eP	00	58.00	-6.3X
BLF	45.81	69	eP	01	40.50	0.4
	0.5s		5.41nm			4.7mb
VIR	47.00	69	eP	01	49.50	0.1
	0.6s		21.33nm			5.3mb
SEK	47.13	70	eP	01	50.50	0.0
	0.6s		11.33nm			5.0mb
BAO	48.63	328	e(P)	02	05.00	2.7X
SLR	49.65	69	eP	01	53.00	-17.0X
PAF	50.24	122	eP	02	20.00	5.9X
			eS	09	47.00	
TPZ	50.36	301	iPc	02	06.70	-9.1X
SOB1	53.32	339	eP	02	38.30	0.7
			e	03	17.60	
ITR	53.35	342	eP	02	38.10	0.3
LPB	54.54	305	P	02	47.00	-0.1
			LR	22	57.00	
BUL	54.66	66	eP	02	46.00	-1.6
ARE	55.99	301	eP	02	57.00	-0.4
MTD	58.94	67	eP	03	18.00	0.0
ATB	61.57	327	Pc	03	37.80	2.0
KIC	68.86	20	eP	04	23.20	0.4
BNG	73.04	44	iPd	04	54.80	6.8X
	0.5s		13.00nm			5.2mb
MUN	81.68	146	eP	05	36.00	0.3
FRB	129.01	336	ePKP	12	24.00	0.0
EDM	134.15	303	ePKPc	12	33.50	-0.7
YKA	141.04	312	ePKP	12	41.20	-5.4X
ALE	144.72	352	ePKPd	12	52.00	-0.5
	0.8s		25.00nm			
BJI	147.70	112	ePKP	13	02.50	4.0X
MBC	149.32	332	ePKP	13	04.80	4.7X
	0.9s		30.00nm			
INK	150.75	314	ePKP	13	08.00	5.6X
	0.7s		32.00nm			
			pP	13	21.50	
COL	155.05	303	ePKP	13	17.00	8.5X
			e	13	35.00	

S.D. = 0.9 on 20 of 31 obs.

• FEB 19, 1985 15h 49m 09.02± 0.60s
15.924 S ±12.7km 174.046 W ± 8.1km
DEPTH = 33.0km (normal)
4.3mb (1 obs.)
TONGA ISLANDS (173)

AFI	2.97	48	iPc	49	55.00	0.0
			S	50	22.00	
NUE	5.03	129	P	50	24.20	0.1
			S	51	15.00	
KRP	23.77	201	P	54	24.80	5.4X
WB2	49.11	257	eP	57	55.80	0.1
WRA	49.12	257	Pd	57	55.70	-0.1
	0.3s		1.00nm			4.3mb
ASPA	49.36	252	iPd	57	58.20	0.6
KLB	63.44	242	eP	59	38.00	-0.2
BAL	64.40	243	eP	59	44.00	-0.5

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

• FEB 19, 1985 15h 58m 16.38± 1.13s
38.320 N ±11.1km 21.891 E ± 9.6km
DEPTH = 10.0km (geophysicist)
3.7mb (1 obs.)
GREECE (364)
ML 3.2 (ATH).

VLS	1.03	262	ePg	58	36.00	0.1
ATH	1.48	103	ePg	58	43.40	0.4
			eSg	58	59.20	
KZN	1.99	357	ePg	58	50.00	-0.4
OHR	2.91	344	ePn	59	05.10	1.5

VAY	3.04	10	iPn	59	05.00	-0.4
SKO	3.66	355	ePn	59	15.00	0.7
DMK	5.70	50	iPg	00	06.00	22.9X
NB2	23.71	347	P	03	27.20	-1.7
	0.6s		1.40nm			3.7mb
	S.D. = 1.2		on 7 of 8 obs.			

FEB 19, 1985 16h 19m 46.48± 0.59s
43.153 N ±10.6km 17.776 E ± 9.1km
DEPTH = 9.5 ± 4.4 km
YUGOSLAVIA (383)
ML 3.9 (TRI), 3.3 (TTG). Felt (V) ot Mostor.

BRY	0.62	114	iPgd	19	57.40	-1.5
			iSg	20	08.00	
HCY	0.88	143	ePg	20	03.00	-0.5
			eSg	20	18.80	
BDV	1.16	138	ePg	20	07.90	-0.4
			eSg	20	27.00	
PLE	1.20	81	ePg	20	08.10	-0.8
			eSg	20	26.50	
TTG	1.31	123	ePg	20	10.30	-0.4
			eSg	20	31.70	
IVA	1.58	100	ePn	20	15.50	0.7
			eSn	20	41.00	
ULC	1.61	137	ePn	20	15.70	0.6
			eSn	20	41.50	
PVY	1.71	108	ePn	20	18.60	2.0X
			eSn	20	44.50	
BRT	2.31	191	e(Pn)	20	31.50	6.2X
BEO	2.55	48	iPn	20	32.60	4.0X
			iPb	20	34.70	
			iPg	20	37.30	
			iSb	21	04.90	
			iSg	21	07.30	
SKO	2.95	112	ePn	20	35.50	1.2
OHR	3.04	131	iPn	20	37.50	1.9
ORI	3.26	198	e(Pn)	20	55.00	16.4X
AQU	3.32	258	e(Pn)	20	51.50	11.9X
CEY	3.53	318	ePn	20	43.60	1.1
			ePg	20	56.40	
			eSn	21	25.00	
LJU	3.70	322	ePn	20	48.30	3.3X
	1.3s		490.00nm			
			e	20	55.30	
			e	21	35.40	
			eSg	21	48.30	
TRI	3.84	313	ePn	20	46.30	-0.7
			iPg	20	57.00	
			i	20	59.50	
			iSn	21	28.50	
			iSb	21	43.70	
			iSg	21	47.50	
			i	21	53.00	
VOY	4.00	317	iPn	20	48.80	-0.4
			i	21	00.11	
			iSg	21	52.80	
VAY	4.00	116	ePn	20	48.00	-1.2
KBA	5.02	323	ePn	21	03.00	-0.9
			i	22	11.60	
			iSg	22	29.70	
CTI	5.24	306	ePn	21	05.80	-1.2
			iSn	22	04.00	
KHC	6.65	335	ePn	21	28.30	1.6
			Sg	22	40.90	
	S.D. = 1.2		on 16 of 22 obs			

FEB 19, 1985 16h 24m 12.90± 0.74s
43.160 N ± 6.3km 18.957 E ± 5.7km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 3.1 (TTG).

PLE	0.36	62	iPgd	24	20.00	-0.4
			iSg	24	25.50	
BRY	0.40	230	iPgd	24	20.20	-0.9
			iSg	24	26.50	
IVA	0.75	112	ePg	24	27.20	-0.4
			eSg	24	38.60	
TTG	0.76	163	iPgc	24	26.70	-1.1
			iSg	24	38.80	
HCY	0.79	206	iPgc	24	28.20	0.0
			iSg	24	39.80	
BDV	0.88	186	ePg	24	30.50	0.7
			eSg	24	44.50	
ULC	1.21	170	ePg	24	36.50	1.0
			eSg	24	56.00	
SKO	2.18	122	ePn	24	50.50	0.7
OHR	2.46	146	ePn	24	57.40	3.6X
VAY	3.25	123	ePn	25	13.60	8.7X
CEY	4.14	310	eP	25	37.50	19.9X
LJU	4.28	314	eP	25	32.00	12.5X
			eSn	26	33.00	
TRI	4.51	306	eP	26	19.00	56.3X
			e	26	40.40	
			e	26	48.00	
VOY	4.62	310	ePn	25	24.90	0.5
			i	25	39.20	
			i(Sn)	26	34.50	
	S.D. = 0.9		on 9 of 14 obs.			

* FEB 19, 1985 16h 27m 39.99± 1.04s
38.296 N ±10.5km 21.583 E ± 8.5km
DEPTH = 10.0km (geophysicist)
3.7mb (1 obs.)
GREECE (364)
ML 3.1 (ATH).

VLS	0.79	262	ePg	27	55.40	0.0
ATH	1.71	100	ePn	28	10.00	0.0
			eSg	28	32.40	
KZN	2.01	4	ePn	28	15.20	0.8
OHR	2.88	348	iPn	28	26.40	-0.4
VAY	3.12	14	ePn	28	29.60	-0.4
SKO	3.67	358	ePn	28	41.00	3.0X
HFS	22.43	350	eP	32	36.70	-3.3X
	0.6s		1.80nm			3.7mb
	S.D. = 0.7		on 5 of 7 obs.			

& FEB 19, 1985 17h 51m 00.58s
62.200 N 150.374 W
DEPTH = 50.1km
CENTRAL ALASKA (1)
<AGS-P>.

SKT	0.59	248	iP	51	12.43	-0.6
PWA	0.60	157	iP	51	12.64	-0.5
			iS	51	22.35	
MSE	0.76	118	eP	51	14.45	-0.9
SUA	0.76	194	iP	51	14.68	-0.7
			iS	51	26.00	
GHO	0.81	121	iP	51	15.33	-0.6
PME	0.86	131	eP	51	15.82	-0.7
			eS	51	28.08	
PMS	1.03	158	eP	51	18.58	-0.4
			iS	51	32.87	
SML	1.04	111	eP	51	18.52	-0.6
KNK	1.21	130	eP	51	20.67	-0.7
			iS	51	37.98	
SPU	1.30	219	eP	51	21.45	-1.3
SCM	1.48	103	eP	51	24.79	-0.6
			eS	51	44.73	
PTE	1.49	154	eP	51	24.16	-1.1
			iS	51	44.11	
NKA	1.52	196	eP	51	27.50	1.8
CFI	1.61	128	eP	51	26.45	-0.5
PWL	1.66	143	iP	51	26.62	-1.2
			eS	51	46.81	
SLKM	1.70	177	eP	51	27.72	-0.6
RDT	1.90	212	eP	51	30.64	-0.6
GLI	2.05	129	eP	51	32.13	-1.2
VLZ	2.21	117	eP	51	33.64	-1.8
KLU	2.23	107	iP	51	34.29	-1.6
ILM	2.35	211	eP	51	37.23	-0.2
FID	2.37	126	eP	51	35.48	-2.3
BRLK	2.46	186	eP	51	38.75	-0.3
COL	2.95	22	eP	51	44.00	-2.0
FBA	2.95	22	eP	51	44.25	-1.8
	25 obs. ossocioted					

* FEB 19, 1985 18h 17m 04.50± 0.89s
7.047 S ±12.7km 130.033 E ±17.5km
DEPTH = 181.7 ± 28.9 km
4.9mb (2 obs.)
TANIMBAR ISLANDS REGION (281)

TLE	3.04	63	iPc	17	54.50	0.3
			iS	18	28.20	
AAI	3.81	331	ePd	18	03.40	-0.4
MTN	5.86	169	eP	18	32 00	1 5
KNA	8.74	188	iPd	19	07.50	-0.9
	0.2s		27.00nm			5.3mb
WRA	13.49	162	Pd	20	08.90	-0.9
	1.1s		17.30nm			4.4mb
WB2	13.49	162	eP*	20	09.50	-0.4
			eS	22	33.70	
ASPA	16.94	168	eP	20	57.00	4.5X
NAU	20.82	221	eP	21	34.00	0.9
	S.D. = 1.3		on 7 of 8 obs.			

FEB 19, 1985 18h 46m 16.43± 0.72s
38.819 N ± 7.0km 24.843 E ± 4.9km
DEPTH = 18.0 ± 4.6 km
AEGEAN SEA (365)
ML 3.7 (ATH).

PRK	1.19	69	ePn	46	39.00	0.9
ATH	1.22	227	ePn	46	38.50	-0 1
			eSn	46	58.50	
PAIG	1.43	321	ePbd	46	47.00	5.6X
			eSb	47	04.10	
EZN	1.53	48	iPn	46	42.30	-0.6
OUR	1.65	337	ePnc	46	45.00	0.3
			eSn	47	10.20	
LIT	2.23	306	ePn	46	53.20	0.1
SOH	2.31	331	iPnc	46	54.30	0.1
THE	2.32	322	ePn	46	54.70	0.4
KNT	2.78	328	ePnc	47	01.00	0.2
			eSn	47	40.10	
EDC	2.79	56	ePn	47	04.60	3.6X
KZN	2.80	303	ePn	47	11.00	9.7X
GRG	2.84	319	ePnd	47	02.80	1.0
KDZ	2.85	8	iP	47	03.00	1.2
MMB	2.90	343	iPc	47	02.00	-0.5
DST	3.04	74	ePn	47	10.60	5.9X
VAY	3.05	326	iPn	47	04.70	0.1
KCT	3.07	61	ePn	47	09.80	4.8X
DIM	3.27	10	eP	47	08.00	0.1
PLD	3.28	358	eP	47	19.00	11.0X
DMK	3.74	36	iPn	47	13.50	-1.0
OHR	3.86	308	ePn	47	22.90	6.6X
JMB	3.88	19	iPc	47	36.00	19.6X
YLV	3.91	62	ePn	47	28.70	11.8X
VTS	3.98	342	iPc	47	18.00	0.2
SKO	4.08	322	ePn	47	16.00	-3.4X
PVL	4.33	3	eP	47	37.00	14.1X
GPA	4.47	69	ePn	47	25.20	0.2
	S.D. = 0.6		on 16 of 27 obs			

FEB 19, 1985 19h 12m 46.28± 0.97s
38.392 N ± 9.6km 22.234 E ± 7.1km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.5 (ATH).

ATH	1.24	109	ePn	13	10.00	0.7
			eSb	13	27.00	
VLS	1.31	261	ePn	13	10.00	-0.5
KZN	1.95	350	ePg	13	20.20	0.5
OHR	2.93	338	ePn	13	35.60	1.8
VAY	2.94	5	iPn	13	34.40	0.6
PRK	3.27	74	ePn	13	39.00	0.5
SKO	3.63	351	ePn	13	42.00	-1.6
KDZ	4.03	35	iP	13	48.00	-1.3
VTS	4.27	10	iPd	13	53.00	0.3
GPA	6.54	71	iPn	14	24.20	-0.7
DUI	6.80	301	e(Pn)	15	15.00	46.5X
	S.D. = 1.2		on 10 of 11 obs.			

* FEB 19, 1985 19h 25m 49.23± 1.09s
44.469 N ± 7.2km 113.378 W ±15.6km
DEPTH = 5.0km (geophysicist)
EASTERN IDAHO (457)
ML 3.0 (BUT).

HPI	0.78	165	eP	26	04.30	-0.8
LRM	1.50	26	iPnc	26	15.90	-1.2
			iPg	26	18.00	
TMI	1.57	137	eP	26	19.00	0.9
BUT	1.65	20	ePg	26	19.90	0.8
			eSg	26	46.00	
IMW	1.85	107	e(P)	26	25.40	3.3X
SXM	2.27	42	ePn	26	29.20	1 0
			ePg	26	33.30	
HRY	2.49	25	ePn	26	30.00	-1.2
			ePg	26	35.80	
NEW	4.59	327	e(P)	27	01.50	0 5
	S.D. = 1.3		on 7 of 8 obs.			

? FEB 19, 1985 20h 17m 16.04± 6 52s

19d 20h

5.776 S ±51.5km 129.271 E ±63 8km
DEPTH = 256.2 ± 27.7 km
4.1mb (1 obs.)
BANDA SEA (280)

TLE	3 46	88	iPd	18 14.30	-0.1
			i	18 55.00	
MTN	7.26	166	eP	19 02.00	1.3
KNA	9 92	183	iPd	19 33.90	-0.7
WRA	14.92	161	Pc	20 35.80	-0.7
	0 7s	6.50nm		4.1mb	
WB2	14.93	161	ePe	20 35.80	-0.7
			eS	23 22.10	
ASPA	18.34	166	iPd	21 15.00	0.9
S.D. = 1.4 on 6 of 6 obs.					

• FEB 19, 1985 20h 44m 05.48± 1.89s
23.926 N ±20.9km 120.269 E ±17.0km
DEPTH = 33.0km (normal)
TAIWAN (244)

TATO	1.53	47	eP	44 31.00	0.3
ANP	1.69	42	eP	44 37.50	4.3X
QZH	1.83	304	ePn	44 38.90	3.7X
			Pg	44 45.80	
			Sn	45 07.50	
HKC	5.84	255	eP	45 31.00	-1.1
GZH	6.41	264	eP	45 41.20	1.1
			S	46 54.10	
SSE	7.19	6	eP	45 50.20	-0.7
			Lg	48 09.00	
NJ2	8.19	352	eP	46 05.30	0.4
GYA	12.57	284	eP	47 10.20	5.2X
S.D. = 1.2 on 5 of 8 obs.					

• FEB 19, 1985 21h 50m 26.79± 1 03s
24.198 S ±18 4km 66.932 W ±14.1km
DEPTH = 208.5 ± 16.2 km
SALTA PROVINCE, ARGENTINA (129)

SLA	1.41	112	eP	51 01.00	0.0
			S	51 27.40	
ANT	3.22	278	iPc	51 19.80	-0.1
			iS	51 57.20	
TCA	7.41	164	ePd	52 13.60	0.3
VAO	18.34	90	eP	54 27.00	-1.2
BAO	19.72	68	Pc	54 43.50	1.0
S.D. = 1.6 on 5 of 5 obs.					

• FEB 19, 1985 22h 55m 41.53± 0.54s
8.522 N ±12.2km 82.673 W ± 8.8km
DEPTH = 33.0km (normal)
4.5mb (5 obs.)
PANAMA-COSTA RICA BORDER REGION (80)

UPA	3.14	81	ePd	56 36.00	6.2X
	0.7s	30.14nm			
			i	56 37.10	
			i	56 46.80	
			i	57 03.00	
			i	57 12.80	
			iS	58 18.00	
PSO	9.02	144	eP	57 52.00	-0.9
BOG	9.39	114	e(P)	58 05.00	7.1X
UAV	11.40	89	eP	58 26.50	1.1
SDV	11.91	87	eP	58 33.90	1.6
FVM	30.16	348	iP	01 51.00	0.2
	1.0s	10.00nm		4.6mb	
ATB	32.55	110	e(P)	02 11.90	-1.1
ALQ	34.16	324	eP	02 25.20	-0.9
	1 0s	4.25nm		4.3mb	
GOL	37.09	330	eP	02 51.00	0.0
	1.0s	6.00nm		4.4mb	
		e		05 04 00	
GLA	38.45	314	eP	03 03.00	0.8
BAP	39.59	312	eP	03 12.00	0.3
TPC	39 87	315	eP	03 14.00	0.0
PLM	40.06	313	eP	03 16.00	0.2
LHC	40 15	353	eP	03 15.50	-0.5
GSC	41.03	316	eP	03 24.00	0.4
SBB	41 42	314	eP	03 27.00	0.2
BDW	41.09	330	eP	03 27.00	-0.4
	1 0s	3.00nm		4.0mb	
SA	42.38	315	eP	03 35.00	0 4
CWC	42 51	316	eP	03 29.00	-6 8x
PSGN	43 18	350	iP	03 40 10	-0.8
	0s	10.50nm		4 5mb	

BMN	44.20	322	iP	03 50 00	0.6
	0.9s	17.97nm		4.9mb	
PNT	51.05	330	eP	04 43.00	0.3
FRB	56.05	8	eP	05 17.00	-2.3
YKC	58.61	343	eP	05 21.00	-16.4X
INK	68.34	342	eP	06 41.00	-0.4
MBC	70.56	351	eP	06 54.00	-0.9
COL	71.90	336	eP	07 04.00	0.9
KIC	77.19	85	eP	07 33.10	-1.4
CLL	86.95	39	eP	08 37.00	12.4X
WHN	137.86	338	PKP	15 06.00	0.9
KMI	146.15	351	PKPd	15 34.50	14.4X
HYB	148.24	36	ePKP	15 25.00	1.7
GBA	150.45	42	PKPc	15 31.00	4.3X
	1.1s	29.50nm			
S.D. = 1.0 on 26 of 33 obs.					

FEB 19, 1985 23h 03m 43.82± 0.47s
25.779 S ± 6.2km 178.191 E ± 5.3km
DEPTH = 623.8 ± 5.9 km
5.0mb (16 obs.)
SOUTH OF FIJI ISLANDS (171)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 16C
Centroid Location:
Origin Time 23:03:51.3 0.6
Lat 25.33S 0.09 Lon 177.76E 0.07
Dep 649.3 4.1 Half-duration 1.8
Moment Tensor: Scale 10**24 D-CM
Mrr=-1.01 0.07 Mtt= 0.58 0.11
Mff= 0.43 0.10 Mrt=-1.16 0.09
Mrf= 0.03 0.10 Mtf=-0.47 0.10
Principal Axes:

T	Val= 1.38	Plg=24	Azm=207
N	0.25	16	109
P	-1.64	61	349

Best Double Couple:Mo=1.5*10**24
NP1:Strike=326 Dip=26 Slip= -51
NP2: 104 71 -107

SVA	7.63	2	iPc	05 40.00	-0.9
NOU	11.27	285	iPc	06 18.50	3.1X
KRP	12.32	190	P	06 27.00	1.6
			S	08 45.00	
KOU	13.80	289	iPc	06 43.60	3.7X
MNG	14.97	188	P	06 50.00	-1.1
			S	09 20.60	
AFI	15.10	40	P	06 50.00	-2.6X
			S	09 21.00	
WEL	15.73	190	P	06 58.20	-0.1
			S	09 38.00	
TCW	15.73	191	P	06 57.70	-0.7
			eS	09 47.00	
			ScP	13 52.60	
MSZ	20.60	201	P	07 44.00	0.6
			S	10 53.00	
CAN	26.80	242	eP	08 39.90	1.4
YOU	27.09	245	eP	08 37.00	-4.0X
WAM	27.09	240	eP	08 43.30	2.3
CTA	29.91	274	iPd	09 06.10	0.9
	0.6s	34.00nm		5.2mb	
			iS	13 21.30	
			iScP	14 34.00	
			iScS	18 31.00	
ADE	35.09	245	iPd	09 46.70	-1.7
	0.6s	24.00nm		5.0mb	
ASPA	40.15	263	eP	10 31.00	1.4
WB2	40.67	269	iPd	10 33.20	-0.6
			eScP	15 12.30	
			eS	15 54.30	
WRA	40.68	269	Pc	10 33.70	-0.1
	0.4s	11.40nm		4.7mb	
WBN	46.15	258	eP	11 16.00	-0.2
	0.4s	37.00nm		5.2mb	
KNA	47.05	272	eP	11 23.00	-0.1
KLB	52.76	249	iPc	12 04.00	-0.7
NWAO	52.98	247	iPc	12 05 60	-0.7
RKG	52.99	246	eP	12 05 00	-1.3
	0.4s	8 00nm		4.5mb	
BAL	53.83	250	iPc	12 11 40	-0.8
MUN	53.99	248	eP	12 12 00	-1.4
NAU	56.82	259	iPd	12 32 40	-0.5
	0.5s	14 00nm		4 5mb	
SPA	64.37	180	iPd	13 22.10	0.3
	1.0s	142 00nm		5.3mb	
KGM	77.29	279	ePc	14 37 70	0.5

IPM	80.48	280	ePc	14 53.50	-0.4
MDJ	82.93	327	eP	15 05.00	-0.5
SYP	83.83	47	eP	15 10.00	-0.5
PRS	84.03	45	eP	15 11.90	0.7
GCC	84.06	44	eP	15 12.10	0.8
PCC	84.11	44	eP	15 12.00	0.5
SAO	84.25	45	eP	15 12.40	0.2
TIA	84.35	315	P	15 13.10	0.3
PRI	84.36	45	eP	15 13.90	0.9
BRK	84.42	43	ePd	15 13.70	0.7
CN2	84.44	325	eP	15 12.70	-0.3
			epP	17 13.00	553km/
BKS	84.44	43	ePd	15 13.70	0.6
	1.1s	87.00nm		5.3mb	
LLA	84.47	45	eP	15 13.90	0.5
MHC	84.48	44	eP	15 14.30	0.8
PAS	84.81	48	eP	15 12.00	-3.0X
MWC	84.94	48	eP	15 15.00	-0.9
BAR	84.99	50	eP	15 15.00	-1.0
FHC	85.24	40	eP	15 16.80	-0.2
PLM	85.25	50	eP	15 17.00	-0.4
RVR	85.26	49	eP	15 17.00	-0.2
SBB	85.36	48	eP	15 17 00	-0.7
FRI	85.49	45	eP	15 18.30	0.1
ISA	85.50	47	eP	15 18.00	-0.4
JAS1	85.60	44	iPd	15 19.10	0.4
LOE	85.82	291	eP	15 20.00	-0.1
ORV	85.93	42	iPd	15 20.60	0.3
WDC	85.95	41	ePd	15 21.00	0.7
CLC	86.17	47	eP	15 21.00	-0.6
TPC	86.23	49	eP	15 21.00	-0.9
GSC	86.40	48	eP	15 22.00	-0.7
GLA	86.49	51	eP	15 24.00	0.9
BJI	87.27	317	ePc	15 27.00	0.4
MNA	87.33	45	eP	15 27.30	0.2
TIY	88.27	314	Pd	15 32.30	0.9
CHG	88.81	291	iPd	15 35.40	1.2
	1.1s	12.66nm		4.7mb	
BMN	89.09	44	iP	15 35.10	-0.1
	1.0s	51.25nm		5 4mb	
		e		17 52.00	
EUR	89.33	45	iP	15 36.80	0.4
	0.5s	17.29nm		5.2mb	
CD2	90.75	304	iPc	15 44.20	1.3
PMR	90.97	15	P	15 43.00	-0.1
	1.0s	25.00nm		5.1mb	
RMU	91.32	49	iP	15 46.00	0.5
LTX	92.81	59	eP	15 53.10	0.6
LZH	93.24	309	eP	15 55.00	0.6
ALQ	93.40	53	eP	15 55.00	-0.2
	1.0s	9.00nm		4.8mb	
COL	94.15	14	eP	15 56.00	-1.7
BDW	95.17	45	eP	16 03.00	-0.1
	1.0s	2.00nm		4.3mb	
GOL	96.43	49	eP	16 09.00	0.2
	1.0s	6.00nm		4.8mb	
GLD	96.56	49	eP	16 10.50	1.2
	1.0s	18.00nm		5.3mb	
GTA	97.63	310	P	16 15.30	1.1
INK	100.27	16	ePdiff	16 25 00	-0 1
QUE	119.95	291	ePKP	21 27.40	0.7
FRB	123.08	29	ePKP	21 30.00	-1.4
SOD	134.88	345	ePKP	21 51.00	-2 8
			iSKP	24 27.20	
KJF	137.08	342	ePKP	21 48.00	-10 1
			iSKP	24 34.20	
SUF	138.66	341	iPKP	21 50.50	-10.5
	0.3s	4.00nm			
NUR	140.83	340	ePKP	21 58.00	-6.9
			iSKP	24 44.70	
UPP	143.37	344	iPKPd	22 06.20	-3 1
	1.0s	400.00nm			
NB2	143.65	349	PKP	22 07.70	-2.1
	1.0s	324.10nm			
HFS	144.03	347	ePKP	22 07.90	-2 5
	0.6s	50.70nm			
JER	147.13	289	ePKP	22 20.00	3.5
ZNT	147.26	290	ePKP	22 20.50	3.9
RMN	147.62	287	ePKP	22 21.50	4.2X
MUD	148.33	348	iPKPc	22 22.00	4.5
	1.5s	131.00nm			
		i		22 28.00	
COP	148.37	345	iPKPc	22 21.20	3.6
	1.0s	88.00nm			
		i		22 28.00	
CSS	148.46	295	ePKP	22 23 50	5.0
VRI	149.64	319	ePKP	22 25 00	5.1

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MLR   150.31 319 ePKP  22 26.00   4.9X
EKA   150.46   2 PKPc  22 26.20   5.4X
       1.2s    79.90nm
KRA   150.51 331 ePKP  22 20.40  -0.6
       1.2s   134.00nm
                i      22 27.00
SPC   151.01 329 ePKP  22 13.00  -9.1X
                i      22 29.70
BNG   151.17 226 iPKPd 22 23.30   0.2
       0.5s    13.00nm
                i      22 40.50
                i      24 56.10
KSP   151.38 336 ePKP  22 22.00  -0.3
                id     22 29.20
                id     22 41.30
CLL   152.11 340 ePKP  22 23.00  -0.3
CLL   152.11 340 iPKP  22 43.00  19.7X
BRG   152.18 338 ePKP  22 31.70   8.3X
WIT   152.26 349 ePKP  22 31.50   8.1X
PRU   152.72 337 ePKP  22 24.00  -0.2
                e      22 32.50
                e      22 46.50
BUD   152.80 328 e(PKP)22 31.00   6.6X
WTS   153.01 348 ePKP  22 32.50   8.0X
       1.0s    41.00nm
MOX   153.11 341 ePKP  22 24.00  -0.8
                e      22 33.00
                e      22 47.50
KHC   153.78 337 PKP   22 25.80   0.1
                e      22 28.10
                e      22 34.20
MEM   154.49 348 PKP   22 26.20  -0.3
                e      22 53.10
WLF   155.37 348 PKP   22 29.50   1.8
                e      22 57.50
KBA   155.58 334 ePKP  22 33.00   4.6X
       1.0s     3.50nm
                i      23 08.00
GWF   155.70 345 iPKPc 22 28.00  -0.3
FLN   157.03 358 ePKP  22 30.10   0.2
LDF   157.19 357 ePKP  22 30.20   0.1
LPF   157.78 359 ePKP  22 31.10   0.3
LOR   158.09 350 ePKP  22 31.60   0.4
LBF   158.34 349 ePKP  22 32.10   0.5
SSF   158.34 350 ePKP  22 32.10   0.6
BGF   158.93 351 iPKPc 22 32.70   0.5
MFF   159.18 357 ePKP  22 32.70   0.3
TCF   159.28 352 ePKP  22 33.20   0.6
MZF   159.31 351 ePKP  22 33.50   0.9
KIC   160.49 171 ePKP  22 34.00  -0.7
                e      23 20.50
CAF   160.64 352 ePKP  22 34.70   0.7
     S.D. = 0.9  on  98 of 123 obs.

?  FEB  20, 1985  01h 51m 40.40± 2.76s
   63.825 N ± 9.5km  146.599 W ±30.6km
   DEPTH =  33.0km  (normal)
 CENTRAL ALASKA                    (  1)
     ML 2.8 (PMR).

FBA     1.20 335 eP    52 00.20  -0.7
PME     2.47 208 eP    52 18.90  -0.3
PMS     2.93 209 eP    52 26.00   0.2
IMA     3.76 310 eP    52 38.90   1.3
TTA     4.34 262 eP    52 44.00  -1.7
SVW     5.00 241 eP    52 56.20   1.1
     S.D. = 1.5  on   6 of   6 obs.

   FEB  20, 1985  02h 00m 36.14± 0.47s
   24.181 S ± 6.0km   66.808 W ± 7.3km
   DEPTH = 189.9 ±  4.9 km
   4.7mb ( 16 obs.)
 SALTA PROVINCE, ARGENTINA         (129)

SLA     1.32 115 iPc   01 10.70   2.9
                S      01 36.00
FSA     2.03 159 iPd   01 16.20   1.7
                (S)    01 45.00
TPZ     3.23 327 iPd   01 27.10  -1.8
ANT     3.33 277 iPc   01 28.20  -1.6
                iS     02 05.00
VCA     4.71 195 ePd   01 47.80   0.4
                S      02 42.50
TCA     7.40 165 iPd   02 20.80  -1.7
                S      03 41.00
CNCB    7.42 351 iP    02 24.00   0.7
                S      03 45.00

LPB     7.71 351 iPc   02 27.00   0.0
       0.9s    92.44nm          5.1mb
                S      03 45.00
                eLR    04 16.00
ARE     8.85 329 eP    02 38.00  -3.7X
                iS     04 13.50
RFA    10.65 187 ePd   03 02.00  -3.0X
VBA    14.43 165 ePc   03 50.20  -2.7
VAO    18.22  90 iPc   04 37.20  -0.5
                i      04 41.90
                e      04 47.20
                e      04 58.90
                e      05 12.50
ATB    25.09  36 Pc    05 44.00  -1.0
SOB1   28.86  63 eP    06 18.10  -1.1
ITR    31.14  65 eP    06 37.20  -2.0
PRM    59.80 345 iP    10 22.10  -1.3
LTX    63.93 324 eP    10 50.50  -0.6
RLO    65.68 335 iPd   11 01.10  -1.0
FVM    65.70 340 iP    11 01.00  -1.2
       0.9s    50.85nm          5.3mb
TUL    65.75 334 eP    11 01.90  -0.6
       0.8s    28.30nm          5.1mb
SPA    65.96 180 iPd   11 04.00   0.2
       0.8s    28.75nm          5.1mb
ALQ    69.79 326 eP    11 27.00  -0.9
       1.0s    27.25nm          5.0mb
GLD    73.01 330 eP    11 47.80   0.9
GLA    73.03 319 eP    11 46.00  -1.0
GOL    73.03 330 eP    11 47.10  -0.1
       1.0s     5.00nm          4.2mb
RMU    73.77 325 iP    11 52.90   1.5
BAR    73.88 318 eP    11 53.00   1.1
PLM    74.46 318 eP    11 55.00  -0.5
TPC    74.49 319 eP    11 55.00  -0.4
LHC    75.02 345 ePd   11 57.10  -0.9
RVR    75.21 318 eP    12 00.00   0.5
GSC    75.77 320 eP    12 03.00   0.3
MWC    75.78 318 eP    12 02.00  -0.9
PAS    75.80 318 eP    12 03.00   0.2
SBB    75.95 319 eP    12 03.00  -0.7
RSSD   76.05 333 eP    12 04.40   0.2
       0.9s    11.76nm          4.6mb
CLC    76.59 320 eP    12 07.00  -0.2
ISA    77.01 319 eP    12 09.00  -0.5
SYP    77.16 317 eP    12 10.00  -0.5
BDW    77.40 329 eP    12 12.00   0.2
       0.9s     3.42nm          4.1mb
EUR    78.22 323 iP    12 17.40   1.1
       0.3s    11.54nm          5.1mb
RSON   78.40 343 eP    12 16.30  -0.4
       1.0s    10.00nm          4.5mb
FRI    78.64 319 e(P)  12 19.70   1.4
PRI    78.65 318 eP    12 20.70   2.1
MNA    78.71 321 ePd   12 19.70   0.8
LLA    79.13 318 ePd   12 21.80   0.7
PRS    79.20 318 ePd   12 22.30   0.9
BMN    79.57 323 eP    12 23.50   0.0
       1.0s     3.00nm          4.0mb
JAS1   79.68 320 ePd   12 24.60   0.6
MHC    80.03 319 ePd   12 27.00   1.0
GCC    80.04 318 eP    12 26.70   0.9
LRM    81.06 330 eP    12 32.30   1.0
ORV    81.39 320 ePd   12 33.80   0.9
WDC    82.66 321 ePd   12 38.50  -0.9
FHC    83.65 320 eP    12 45.70   1.3
SES    83.92 333 eP    12 45.30  -0.3
FFC    84.19 340 eP    12 47.00   0.2
       1.0s     8.00nm          4.4mb
NEW    85.03 329 P     12 51.00  -0.2
       1.0s     7.50nm          4.4mb
BUL    86.65 110 eP    13 01.00   1.0
PNT    86.95 329 eP    13 01.00   0.5
       0.5s     7.00nm          4.8mb
EDM    87.00 334 iPd   13 00.00  -0.7
BNG    87.57  84 iPc   13 05.90   1.6
       0.6s     4.00nm          4.5mb
                i      14 31.00
YKC    94.30 340 ePd   13 34.60   0.2
       0.6s    10.00nm          5.2mb
WB2   131.54 207 ePKP  19 27.00  -1.3
WRA   131.54 207 PKPc  19 21.40  -6.9X
       0.2s     0.20nm
GBA   144.67 101 PKPd  19 51.90  -0.4
       0.6s    22.70nm
HYB   146.99  95 ePKP  19 57.00   0.8
     S.D. = 1.1  on  64 of  67 obs.

?  FEB  20, 1985  02h 53m 17.19± 2.07s
   19.107 S ±23.1km  176.557 W ±22.4km
   DEPTH = 521.4 ± 22.5 km
   4.1mb (  3 obs.)
 FIJI ISLANDS REGION               (181)

YSA     6.08 292 iP    54 56.10   0.0
AFI     6.91  42 P     54 31.00 -33.2X
                S      55 28.00
WB2    46.14 260 eP    00 56.20  -0.1
WRA    46.15 260 Pd    00 56.10  -0.3
       0.5s     2.90nm          4.1mb
SPA    71.01 180 eP    03 43.70   0.3
       0.9s     7.27nm          4.2mb
PNT    84.75  33 eP    04 57.00   0.2
ALQ    85.47  51 eP    05 00.00  -0.9
       1.0s     5.00nm          4.1mb
COL    86.60  12 eP    05 06.00   0.6
CLL   146.99 349 ePKP  12 05.00   5.9X
     S.D. = 0.7  on   7 of   9 obs.

*  FEB  20, 1985  03h 15m 58.30± 0.85s
   79.643 N ±17.0km    3.640 W ±14.7km
   DEPTH =  10.0km  (geophysicist)
   4.2mb (  1 obs.)
 GREENLAND SEA                     (640)

ALE     9.15 315 eP    18 09.00  -4.1X
KEV    12.53 125 eP    19 19.00  19.8X
SOD    14.68 130 eP    19 24.00  -3.5X
GDH    16.17 258 iPc   19 46.50  -0.1
       0.5s     9.86nm          4.2mb
                i      19 49.00
                i      22 42.00
KJF    17.84 132 eP    20 06.00  -1.6
SUF    19.05 135 eP    20 23.00   0.5
MBC    20.59 322 eP    23 42.00   2.7X
NUR    21.01 139 eP    20 45.00   1.2
FRB    23.79 267 eP    21 18.00   6.8X
INK    29.57 325 eP    22 04.00  -0.7
COL    34.21 334 eP    22 46.00   0.7
LRM    48.53 298 eP    24 46.90   3.8X
LPB   101.73 242 ePdiff29 57.00   4.3X
CNCB  101.98 242 ePdiff29 57.00   3.0X
     S.D. = 1.3  on   6 of  14 obs.

   FEB  20, 1985  04h 03m 50.38± 0.47s
   36.080 N ± 7.1km  139.539 E ± 8.7km
   DEPTH =  77.9 ±  4.5 km
   4.2mb (  2 obs.)
 HONSHU, JAPAN                     (227)
      Felt (I JMA) at Utsunomiyo

KMG     0.14 298 iPc   04 01.50  -0.3
                S      04 09.10
DDR     0.29 254 iPc   04 01.80  -0.8
TOK     0.43 156 iP    04 04.10   0.6
                iS     04 13.50
TSK     0.48  74 iPc   04 02.80  -1.1
SRY     0.52 205 iPd   04 03.80  -0.5
UTS     0.53  30 iPc   04 04.50   0.1
                iS     04 13.70
YOK     0.65 172 iP    04 07.20   1.7
OYM     0.70 200 iPd   04 05.80  -0.3
MIT     0.81  68 iP    04 07.50   0.2
                iS     04 19.20
KOF     0.90 243 eP    04 09.00   0.7
                eS     04 23.00
KYS     1.01 150 eP    04 09.40  -0.3
AJI     1.10 199 eP    04 11.00   0.3
                S      04 24.30
INK    55.93  27 eP    13 23.00   0.9
WB2    55.93 186 eP    13 21.70  -0.9
WRA    55.93 186 P     13 22.00  -0.6
       0.4s     1.20nm          4.3mb
NUR    70.07 331 eP    14 49.00  -6.5X
NB2    74.47 337 P     15 22.00   0.4
       0.7s     2.20nm          4.2mb
     S.D. = 0.8  on  16 of  17 obs.

*  FEB  20, 1985  04h 23m 31.37± 1.26s
   30.979 S ± 6.7km   71.730 W ±15.5km
   DEPTH =  33.0km  (normal)
 NEAR COAST OF CENTRAL CHILE       (135)

PEL     2.33 158 iPd   24 08.50   0.2
                i(S)   24 36.30
```

20d 04h

ZON	2.67	103	iPd	24 18.50	5.4X
RTLL	2.82	98	ePc	24 19.10	4.0X
			S	24 57.50	
RTCV	2.87	109	ePc	24 20.20	4.4X
			S	24 58.20	
CFA	3.05	103	ePd	24 23.00	4.5X
			S	25 02.70	
VCA	3.79	55	ePc	24 33.70	4.7X
			e	24 42.20	
			e	25 04.00	
			S	25 22.00	
			e	25 37.00	
			e	25 59.20	
RFA	4.67	145	eP	24 42.00	0.5
CYA	5.75	65	e(P)	24 57.50	0.9
			S	25 03.00	
TCA	6.13	95	iPc	25 02.70	0.6
			i	25 10.90	
			S	26 11.00	
SLA	8.32	43	e(P)	25 32.00	-0.8
VBA	10.70	134	e(P)	26 05.30	-0.1
CNCB	14.51	14	P	26 57.50	0.6
LPB	14.76	14	P	27 01.00	1.1
VAO	23.42	76	eP	28 37.80	-0.7
ITR	38.09	62	eP	30 47.00	-2.0
GBA	146.80	114	PKPd	43 10.10	-0.3
	0.6s		3.80nm		

S.D. = 1.0 on 11 of 16 obs.

FEB 20, 1985 04h 28m 09.40± 0.77s
41.447 N ± 8.8km 20.431 E ± 7.1km
DEPTH = 10 0km (geophysicist)
ALBANIA (391)

ML 3.0 (PVY), 2.9 (ULC). Felt (III) in the Debar area, Yugoslavia.

OHR	0.44	140	iPgc	28 18.10	-0.2
			iSg	28 25.10	
SKO	0.92	55	iPg	28 26.00	-1.0
			iSg	28 38.30	
ULC	1.02	301	ePg	28 27.50	-1.3
			eSg	28 44.50	
PVY	1.20	344	iPgc	28 30.80	-1.0
			eSg	28 48.00	
TTG	1.31	319	ePg	28 33.30	-0.4
			eSg	28 53.00	
BDV	1.46	305	ePg	28 36.00	0.2
			eSg	28 58.00	
IVA	1.48	345	ePg	28 37.20	1.1
			eSg	28 58.10	
VAY	1.61	94	iPn	28 38.60	0.6
			iSn	28 59.40	
HCY	1.75	305	ePn	28 40.60	0.6
			eSn	29 06.10	
PLE	2.03	338	ePn	28 45.50	1.3
			eSn	29 12.70	

S.D. = 1 0 on 10 of 10 obs.

FEB 20, 1985 04h 35m 01.08± 0 66s
41.470 N ± 8.0km 20.395 E ± 5.3km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)

ML 3.4 (TTG). Felt (IV) in the Debar area, Yugoslavia.

OHR	0.47	140	iPgc	35 10.00	-0.6
			iSg	35 17.00	
SKO	0.93	57	iPg	35 17.50	-1.3
			i	35 20.00	
			iSg	35 30.00	
ULC	0.99	300	iPgd	35 19.20	-0.7
			eSg	35 35.30	
PVY	1.17	345	ePg	35 22.00	-1.0
			eSg	35 40.20	
TTG	1.28	319	ePg	35 24.40	-0.4
			iSg	35 44.50	
BDV	1.43	305	ePg	35 27.30	0.3
			iSg	35 49.00	
IVA	1.45	345	iPg	35 28.00	0.6
			iSg	35 49.80	
VAY	1.64	94	iPn	35 30.30	0.2
			iSn	35 53.30	
HCY	1.72	305	ePn	35 32.20	1.0
			eSn	35 57.00	
PLE	2.00	339	ePn	35 38.90	3.5X
			eSn	36 04.00	
VTS	2.37	61	iPd	35 42.00	1.4
MMB	2.50	86	eP	35 43.00	0.5
CEY	6.08	317	e(Pn)	36 33.70	0.5
			eSn	37 45.50	
VOY	6.55	316	ePn	36 39.50	-0.4
			eSn	37 55.00	

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

FEB 20, 1985 04h 52m 51.70± 0.92s
29.115 N ± 6.5km 104.692 E ± 7.1km
DEPTH = 38.7 ± 12.0 km
4.4mb (5 obs.)
SICHUAN PROVINCE, CHINA (307)

CD2	1.96	336	iPnc	53 26.00	2.7
			Sn	53 52.60	
GYA	3.17	146	Pnd	53 42.00	1.6
			Pg	53 52.00	
			Sn	54 24.40	
			Sg	54 37.00	
KMI	4.34	204	Pnc	53 58.50	1.3
			Pg	54 12.00	
			Sn	54 43.00	
			Sg	55 10.00	
XAN	6.09	35	ePn	54 20.50	-1.2
			Pg	54 42.40	
			Sn	55 28.00	
			Sg	56 00.80	
LZH	6.99	354	eP	54 34.50	0.1
	6.0s		1.00nm		2.9mb X
			Lg	56 25.00	
			Lg	56 38.50	
WHN	8.51	78	eP	54 56.00	0.6
			iS	56 25.00	
GZH	9.82	126	P	55 11.80	-1.7
TIY	10.74	35	eP	55 23.80	-2.3
			S	57 20.10	
GTA	11.03	340	eP	55 30.70	0.5
CHG	11.52	208	eP	55 38.00	1.3
BTO	12.26	19	eP	55 46.00	-0.7
TIA	12.63	53	eP	55 50.40	-1.2
			eLg	59 38.40	
KHT	15.34	203	eP	56 34.00	6.9X
PKI	17.05	269	eP	56 46.80	-2.4
	0.6s		16.00nm		4.3mb
KKN	17.13	270	eP	56 47.80	-2.2
	0.5s		33.00nm		4.7mb
DMN	17.31	270	eP	56 50.60	-1.7
	0.5s		12.00nm		4.3mb
WMQ	20.00	322	P	57 25.50	1.7
CN2	22.13	43	eP	57 47.00	1.6
WRA	56.54	146	Pd	02 31.60	-1.2
	0.6s		1.60nm		4.2mb
WB2	56.55	146	eP	02 32.90	0.0
KJF	58.56	330	eP	02 47.00	0.5
SOD	58.91	334	eP	02 49.00	0.1
SUF	59.36	328	eP	02 52.00	0.0
	0.6s		2.50nm		4.5mb
COL	71.00	25	eP	04 08.00	0.9
MBC	71.37	10	eP	04 10.50	1.4
INK	73.88	19	eP	04 24.00	0.1

S.D. = 1.5 on 25 of 26 obs.

? FEB 20, 1985 05h 08m 00.82± 3.44s
16.771 N ±18.1km 61.137 W ±30.5km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)

SEG	0.51	224	eP	08 11.55	0.0
SFG	0.52	186	eP	08 11.50	-0.2
BPA	0.74	292	eP	08 14.85	0.0
			S	08 25.40	
MGG	0.87	192	eP	08 16.80	0.2
PAG	0.90	215	eP	08 17.20	0.0
			S	08 29.60	

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

% FEB 20, 1985 05h 46m 21.01± 0.86s
31.802 S ± 8.7km 67.962 W ± 7.3km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.31	309	iPd	46 27.80	0.4
			S	46 31.00	
RTCV	0.49	263	iPd	46 31.20	0.2
			S	46 38.80	
RTLL	0.64	317	ePd	46 33.30	-0.6
			S	46 42.20	
TCA	2.91	82	e(P)	47 08.50	0.2
RFA	2.99	188	e(P)	47 09.20	-0.2
			S	47 56.20	
VCA	3.06	356	e(P)	47 15.10	4.7X
			S	47 55.70	

S.D. = 0.5 on 5 of 6 obs.

? FEB 20, 1985 06h 34m 12.07± 4.69s
29.822 S ±23.6km 71.456 W ±39.3km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

ZON	2.95	126	eP	34 58.00	0.3
VCA	3.04	70	eP	34 59.00	-0.1
			S	35 34.00	
CFA	3.29	124	ePc	35 03.00	0.4
			S	35 41.00	
PEL	3.38	169	iP	35 04.70	0.9
			iS	35 44.30	
RFA	5.55	154	iPc	35 33.00	-1.5
TCA	6.11	106	iPc	35 38.70	-3.8X
			S	35 44.60	

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

& FEB 20, 1985 07h 24m 11.65s
61.714 N 150.153 W
DEPTH = 43.5km
SOUTHERN ALASKA (2)
<AGS-P>.

PWA	0.15	116	eP	24 18.93	1.7
			iS	24 24.96	
SUA	0.38	229	iP	24 20.97	-0.3
			eS	24 28.65	
PME	0.54	99	eP	24 22.53	-0.6
PMS	0.55	149	iP	24 22.58	-0.7
MSE	0.58	77	iP	24 23.26	-0.5
			iS	24 32.56	
GHO	0.59	84	eP	24 23.20	-0.6
			eS	24 32.47	
SKT	0.71	293	iP	24 24.33	-1.0
KNK	0.87	110	iP	24 27.02	-0.6
			eS	24 39.66	
SML	0.87	83	eP	24 26.74	-0.9
PTE	1.01	147	eP	24 28.71	-0.9
			eS	24 42.74	
SPU	1.06	241	iP	24 29.35	-1.0
			iS	24 43.96	
NKA	1.11	209	eP	24 31.86	1.0
SLKM	1.21	182	eP	24 31.00	-1.4
			iS	24 48.51	
PWL	1.23	134	eP	24 31.95	-0.7
			eS	24 48.73	
CFI	1.26	114	iP	24 32.79	-0.3
MPA	1.29	162	eP	24 32.35	-1.1
SCM	1.35	84	eP	24 34.16	-0.3
RDT	1.58	225	eP	24 36.99	-0.7
			eS	24 57.90	
SEW	1.65	168	eP	24 38.95	0.3
GLI	1.70	118	iP	24 38.19	-1.1
NNL	1.77	199	eP	24 40.34	0.0
VZW	1.85	109	eP	24 40.45	-1.1
VLZ	1.93	106	eP	24 40.99	-1.5
BRLK	1.99	191	eP	24 42.01	-1.5
ILM	2.01	221	eP	24 43.14	-0.7
FID	2.02	117	eP	24 41.87	-2.1
KLU	2.04	94	iP	24 43.01	-1.2
HIN	2.21	125	eP	24 44.99	-1.7
SGAM	2.69	115	eP	24 52.45	-1.0
SVW	2.70	259	eP	24 51.79	-1.8
PDB	2.77	228	eP	24 52.79	-1.8
AUL	2.85	216	eP	24 55.42	-0.2
TTA	3.00	297	eP	24 56.07	-1.8
FBA	3.37	17	eP	25 01.92	-1.2
BALM	3.82	97	eP	25 07.26	-2.3

35 obs. associated

FEB 20, 1985 08h 21m 43.28± 0.69s
6.822 S ± 5.3km 147.090 E ± 7.5km
DEPTH = 36.8 ± 6.3 km
5.1mb (8 obs.)
EAST PAPUA NEW GUINEA REGION (207)

LAT	0.19	332	iPc	21 50.40	0.3
MDG	2.03	320	eP	22 21.00	5.2X
LMG	2.32	153	eP	22 18.00	-2.1

PMG	2.57	179	iPc	22	25.30	1.8
ALOA	4.74	137	eP	22	54.00	-0.3
CTA	13.21	183	iPd	24	53.30	2.3
	1.6s	78.33nm			5.4mb	
			iS	27	28.00	
MTN	16.82	248	eP	25	38.00	0.2
WB2	17.97	222	iPc	25	51.50	-0.6
			eS	29	15.30	
WRA	17.98	222	Pc	25	49.90	-2.3
	0.8s	66.90nm			4.8mb	
AAI	19.07	278	eP	26	16.00	10.4X
KNA	20.02	242	eP	26	07.00	-9.0X
ASPA	21.00	216	eP	26	26.00	-0.2
	0.8s	98.00nm			5.2mb	
CMS	24.57	183	eP	27	01.00	-0.1
STK	25.45	191	eP	27	10.00	0.4
YOU	27.35	178	iPc	27	26.80	-0.2
			i	27	34.60	
CAN	28.42	177	eP	27	36.10	-0.6
WAM	29.28	177	eP	27	43.90	-0.4
TCW	41.94	149	P	29	33.00	0.9
MNG	42.14	147	P	29	34.20	0.4
KGM	44.56	280	ePd	29	54.00	0.1
IPM	47.35	283	ePd	30	15.90	-0.1
LOE	50.87	299	eP	30	42.80	-0.2
CHG	53.86	299	eP	31	06.00	0.6
BJI	54.66	331	(P)	31	09.50	-1.4
LZH	58.89	320	eP	31	41.50	0.2
GTA	63.43	320	eP	32	12.00	0.1
PKI	68.66	303	iPc	32	46.00	0.1
	0.8s	26.00nm			5.3mb	
KKN	68.85	303	iPc	32	47.20	0.4
DMN	68.93	303	iPc	32	48.10	0.7
	0.8s	7.30nm			4.8mb	
HYB	71.83	291	eP	33	04.20	-0.7
GBA	72.05	287	Pc	33	05.90	-0.3
	0.9s	9.10nm			4.8mb	
WMQ	73.47	319	P	33	14.50	0.4
SPA	83.22	180	iPc	34	07.30	0.1
	0.8s	23.33nm			5.3mb	
IMA	84.29	21	eP	34	22.60	10.1X
QUE	84.94	301	eP	34	18.00	1.4
COL	85.90	23	eP	34	20.00	-0.4
FBA	85.90	23	eP	34	20.00	-0.4
	0.8s	7.70nm			5.0mb	
VAO	147.33	156	ePKP	41	25.90	2.8X
KIC	152.01	271	ePKP	41	37.90	7.5X
			e	41	46.30	
	S.D. = 1.0	on	33 of	39	obs.	

? FEB 20, 1985 09h 03m 22.90± 1.99s
6.442 N ±16.8km 126.283 E ±33 6km
DEPTH = 98.5 ± 14.5 km
4.2mb (1 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

CGP	2.55	322	eP	04	02.50	-0.7
			eS	04	52.00	
MNI	5.17	196	ePc	04	40.00	0.7
AAI	10.24	169	ePd	05	49.00	0.4
WB2	27.40	163	eP	09	02.30	1.2
WBN	32.39	180	eP	09	46.00	0.7
MEK	33.70	193	eP	09	55.00	-1.8
BAL	37.96	193	iPc	10	31.80	-0.9
KLB	38.69	192	iPc	10	38.20	-0.6
MUN	39.39	194	iPc	10	44.00	-0.6
NWAO	40.08	192	eP	10	50.00	-0.3
RKG	41.24	192	eP	11	05.00	5.3X
GBA	48.55	282	Pc	12	00.40	2.0
	0.5s	1.90nm			4.2mb	
	S.D. = 1.3	on	11 of	12	obs.	

• FEB 20, 1985 09h 57m 35.37± 1.08s
17.027 N ± 7.9km 99 885 W ±12.9km
DEPTH = 33.0km (normal)
4.3mb (3 obs.)
GUERRERO, MEXICO (59)

ACX	0.16	171	iPc	57	42.60	1.0
			iS	57	47.20	
III	1.40	16	iP	58	00.00	1.0
			iS	58	22.00	
PIO	1.80	110	iP	58	04.00	-0.6
			iS	58	30.50	
TPM	2.10	22	iP	58	09.00	0.0
			iS	58	37.00	
CRX	2.37	5	ePc	58	14.30	1.2
IIM	2.38	16	eP	58	14.50	1.3
MEX	2.38	16	eP	58	14.00	0.8
UNM	2.39	16	eP	58	14.00	0.7
			iS	58	52.00	
TAC	2.45	15	iP	58	13.50	-0.7
			iS	58	48.50	
IIP	2.48	22	eP	58	13.50	-1.2
IIT	2.49	37	iP	58	14.00	-0.7
			iS	58	50.50	
IIC	2.79	12	iP	58	19.50	0.5
			iS	58	56.00	
VHO	3.02	86	iP	58	22.50	0.3
			iS	59	03.50	
ALQ	18.78	343	eP	01	53.80	-0.8
	0.8s	2.05nm			3.4mb	
TUL	19.16	10	ePc	01	59.50	0.7
	0.8s	20.80nm			4.4mb	
RLO	19.55	12	iP	02	00.50	-2.8
FFC	37.66	358	ePc	04	48.30	-0.7
	0.8s	5.00nm			4.4mb	
	S.D. = 1.2	on	17 of	17	obs.	

• FEB 20, 1985 11h 24m 38.86± 1.15s
4.254 S ±17.7km 153.025 E ± 9.3km
DEPTH = 54.4 ± 10.2 km
4.6mb (3 obs.)
NEW IRELAND REGION (190)

RAB	0.86	274	iPd	24	55.10	0.2
BGA	2.86	131	iPc	25	22.30	-0.8
			eS	25	58.00	
PAA	3.19	130	eP	25	27.00	-0.8
			eS	26	05.00	
LMG	6.70	226	eP	26	14.00	-3.1X
PMG	7.76	228	eP	26	32.00	0.2X
VSG	8.29	127	eP	26	40.00	0.8
SVO	8.31	126	eP	26	40.00	0.6
HNR	8.58	127	eP	26	44.00	0.8
			eS	28	17.00	
GUA	19.42	336	e(P)	28	45.30	-18.5X
KOU	19.56	147	iPc	29	04.00	-1.2
W82	23.96	228	eP	29	49.60	0.3
WRA	23.97	228	Pd	29	47.90	-1.5
	0.5s	6.70nm			4.4mb	
MEK	39.75	232	eP	32	10.00	1.8
MSZ	42.33	164	eP	32	29.00	0.0
PKI	72.35	301	eP	36	01.30	-0.5
	1.0s	8.00nm			4.6mb	
KKN	72.52	301	eP	36	02.20	-0.4
	0.8s	13.00nm			4.9mb	
SPA	85.77	180	e(P)	37	14.10	0.6
	S.D. = 1.0	on	14 of	17	obs.	

• FEB 20, 1985 12h 32m 11.36± 1.76s
40.662 N ±17.7km 19.329 E ± 9.1km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)

OHR	1.20	68	iPn	32	33.10	-0.7
ULC	1.30	357	ePg	32	34.50	-1.0
			eSg	32	51.00	
BRT	1.63	278	ePg	32	40.00	-0.1
			eSg	33	05.50	
TTG	1.77	358	ePg	32	43.00	0.9
			eSg	33	03.00	
SKO	2.06	50	iPn	32	47.20	0.8
ORI	2.28	255	ePg	32	54.50	4.9X
			eSg	33	22.50	
VOY	6.67	325	e(Pn)	33	47.50	-4.3X
			eSn	35	00.70	
	S.D. = 1.2	on	5 of	7	obs.	

% FEB 20, 1985 12h 52m 19.29± 0.75s
40.276 N ± 6.8km 23.486 E ± 6.7km
DEPTH = 10.0km (geophysicist)
GREECE (364)

PAIG	0.38	157	ePgc	52	26.90	-0.2
			eSg	52	33.10	
OUR	0.38	81	iPgd	52	27.50	0.4
			eSg	52	33.40	
SOH	0.55	350	ePg	52	29.40	-1.2
			eSg	52	37.50	
LIT	0.78	257	ePg	52	34.40	-0.2
KNT	0.99	333	ePg	52	38.70	0.6
GRG	1.07	310	ePb	52	40.00	0.5
			eSb	52	56.30	
	S.D. = 0.9	on	6 of	6	obs.	

• FEB 20, 1985 12h 58m 18.34± 1.15s
49.622 N ± 7.4km 16.800 E ±15.4km
DEPTH = 10.0km (geophysicist)
CZECHOSLOVAKIA (547)
ML 3.2 (VKA), 2.9 (KBA).

KSP	1.27	345	ePn	58	41.80	0.0
			iPg	58	42.40	
			iS	58	59.30	
VKA	1.39	193	iPnc	58	43.80	0.0
			iPg	58	45.00	
			iSn	59	02.30	
			iSg	59	03.00	
ZST	1.44	172	i(Pn)c	58	44.50	0.0
			ePg	58	47.00	
			eSn	59	04.40	
			eSg	59	08.00	
WET	2.61	261	iPn	59	01.20	0.0
CLL	2.96	306	iPn	59	06.20	0.1
			iPg	59	13.90	
			eSg	59	51.00	
KBA	3.43	223	iPgc	59	17.30	4.2X
			iSg	59	55.80	
	S.D. = 0.1	on	5 of	6	obs.	

• FEB 20, 1985 12h 59m 28.48± 1.65s
5.729 S ±10.0km 104.128 E ±12.5km
DEPTH = 68.9 ± 14.9 km
5.0mb (9 obs.)
SOUTHERN SUMATERA (274)

PPI	6.43	324	eP	01	02.00	-0.6
			e(S)	02	16.00	
KGM	7.73	354	ePc	01	23.20	2.4
			e	03	46.50	
TRT	8.67	104	iPc	01	35.60	1.9
	0.5s	33.00nm			5.4mb	
IPM	10.70	343	ePc	02	12.60	11.3X
			e	05	23.00	
PCI	16.39	74	eP	03	22.00	6.3X
			eS	03	53.50	
NAU	20.00	148	iPd	03	57.00	-1.2
	0.4s	9.00nm			4.5mb	
KHT	21.11	345	eP	04	07.20	-2.3
LOE	23.11	354	eP	04	28.50	-0.8
BDT	23.38	348	eP	04	31.60	-0.3
MEK	24.91	148	eP	04	45.00	-1.7
CHG	24.92	348	eP	04	46.00	-0.8
KNA	26.14	114	eP	04	57.00	-1.2
WBN	29.53	136	eP	05	27.00	-1.8
WRA	32.59	118	Pd	05	53.90	-1.8
	0.5s	2.50nm			4.3mb	
WB2	32.60	118	iPc	05	54.80	-1.0
GBA	32.73	306	Pc	05	56.40	-0.5
	0.7s	6.20nm			4.5mb	
ASPA	33.75	125	eP	06	05.00	-0.8
HYB	34.16	313	eP	06	08.50	-0.9
CD2	36.43	359	eP	06	28.60	0.2
LSA	37.37	341	eP	06	35.80	-1.0
PKI	37.72	332	eP	06	39.70	0.0
	0.4s	5.00nm			4.8mb	
KKN	37.97	332	eP	06	41.10	-0.6
	0.6s	18.00nm			5.2mb	
XAN	39.81	6	eP	06	56.40	-0.3
NDI	42.92	324	iPc	07	21.50	-0.7
	0.8s	138.06nm			5.8mb	
ADE	43.16	137	e(P)	07	24.80	0.6
STK	43.61	131	eP	07	28.00	0.2
GTA	45.09	355	eP	07	40.60	0.9
QUE	50.44	317	eP	08	29.40	7.8X
CAN	50.67	132	eP	08	24.50	1.4
WAM	50.96	133	eP	08	26.70	1.5
WMQ	51.51	345	P	08	28.70	-0.6
CN2	52.93	19	P	08	39.40	-0.4
			pP	09	00.40	84kmX
MSZ	67.48	136	eP	10	21.00	1.8
BUL	74.47	251	eP	11	03.40	1.5
MLR	85.82	316	eP	12	04.00	2.1
OHR	88.72	311	eP	12	25.00	9.1X
KJF	89.25	335	iP	12	18.80	1.0
	0.8s	19.10nm			5.4mb	
			i	12	28.20	
SUF	89.57	333	iP	12	20.40	1.0
NUR	89.78	331	eP	12	21.00	0.6
JOS	90.01	319	ePd	12	31.40	9.7X

20d 13h

1.0s 13.30nm 5.1mb
TUL 144.82 29 ePKP 18 59.30 -0.3
1.3s 24.90nm
RLO 144.97 28 ePKP 19 00.00 0.1
JCT 146.64 40 ePKP 19 05.00 2.1
0.9s 21.43nm
S.D. = 1.3 on 38 of 43 obs.

% FEB 20, 1985 13h 35m 10.98± 1.11s
60.466 N ± 6.6km 5.003 E ±11.6km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)

ASK 0.10 80 iPg 35 13.10 -0.5
iSg 35 14.50
SUE 0.61 349 iPn 35 23.10 -0.1
iSn 35 31.90
HYA 0.91 39 ePn 35 28.70 0.3
iSn 35 42.00
ODD 0.98 121 ePn 35 29.80 0.3
eSn 35 42.90
KMY 1.26 174 iPn 35 34.40 0.0
iPg 35 35.10
iSn 35 51.00
iSg 35 52.30
S.D. = 0.5 on 5 of 5 obs.

% FEB 20, 1985 13h 42m 49.63± 0.83s
60.337 N ± 6.4km 5.316 E ±11.0km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)

ASK 0.16 338 iPg 42 53.10 -0.2
iSg 42 56.30
SUE 0.77 340 iPn 43 04.50 -0.2
iSn 43 16.00
ODD 0.78 119 iPn 43 04.40 -0.4
eSn 43 16.40
HYA 0.94 27 iPn 43 07.90 0.4
eSn 43 24.00
KMY 1.13 182 ePn 43 11.00 0.3
eSn 43 26.40
S.D. = 0.5 on 5 of 5 obs.

% FEB 20, 1985 14h 16m 23.54± 1.67s
59.367 N ±13.8km 5.751 E ±15.4km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)

KMY 0.30 239 ePn 16 29.90 0.1
eSn 16 43.50
ODD 0.75 38 iPn 16 38.40 0.3
iSn 17 00.40
ASK 1.15 346 ePn 16 46.00 0.9
eSn 17 13.50
SUE 1.77 344 iPn 16 53.50 -0.8
iSn 17 27.50
HYA 1.82 7 ePn 16 54.60 -0.5
eSn 17 29.00
S.D. = 0.9 on 5 of 5 obs.

% FEB 20, 1985 14h 42m 24.49± 1.05s
60.502 N ± 6.6km 5.048 E ±11.5km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)

ASK 0.08 105 iPg 42 26.80 -0.1
iSg 42 28.00
SUE 0.57 346 iPg 42 36.30 0.2
eSg 42 46.10
HYA 0.87 39 iPn 42 40.90 -0.3
iSn 42 53.40
ODD 0.98 124 ePn 42 43.40 0.3
eSn 42 56.50
KMY 1.30 175 ePn 42 48.30 -0.2
iSn 43 05.60
S.D = 0.4 on 5 of 5 obs.

FEB 20, 1985 15h 10m 05.17± 0.28s
62.531 N ± 6.4km 25.514 W ± 5.4km
DEPTH = 10.0km (geophysicist)
4.5mb (30 obs.)
ICELAND REGION (637)

REY 2.29 44 iP 10 38.00 -5.6X
iS 11 09.00
AKU 4.54 42 eP 11 06.90 -8.4X

1.0s 200.00nm
i 11 16.70
iS 12 11.30
DMU 13.03 123 eP 13 20.00 7.3X
1.0s 45.00nm 5.6mb X
EKA 13.55 112 P 13 23.00 3.3X
1.1s 23.90nm 5.1mb
FRB 19.22 293 eP 14 31.00 -0.5
FLN 19.56 123 iPc 14 34.70 -1.0
0.9s 13.10nm 4.2mb
GRR 19.72 124 eP 14 36.50 -0.9
0.9s 12.50nm 4.2mb
LDF 19.83 123 eP 14 37.70 -0.9
1.0s 8.00nm 4.0mb
LPF 19.94 125 eP 14 39.10 -0.6
DOU 20.59 113 Pc 14 49.70 3.2X
ENN 20.67 110 iPd 14 46.80 -0.4
1.0s 19.00nm 4.4mb
MEM 20.82 110 P 14 47.80 -1.0
MFF 21.47 126 iPc 14 55.60 0.1
1.0s 32.00nm 4.7mb
WLF 21.58 112 P 15 01.80 5.3X
ALE 22.01 348 eP 15 01.00 0.3
1.3s 21.00nm 4.4mb
SOD 22.02 55 eP 15 07.00 6.2X
TNS 22.17 108 eP 15 02.10 -0.4
LSF 22.40 124 eP 15 05.00 0.2
1.2s 20.30nm 4.5mb
LOR 22.49 119 iPc 15 05.40 -0.3
1.1s 21.90nm 4.5mb
SSF 22.51 120 iPc 15 05.60 -0.3
1.2s 22.00nm 4.5mb
TCF 22.63 123 eP 15 07.50 0.4
1.2s 15.90nm 4.4mb
BGF 22.66 122 eP 15 07.40 0.0
1.0s 26.60nm 4.7mb
AVF 22.67 121 eP 15 07.20 -0.3
1.2s 12.30nm 4.3mb
GWF 22.73 111 iPc 15 08.50 0.4
LBF 22.76 119 iPc 15 08.40 -0.1
1.3s 11.30nm 4.2mb
MZF 22.84 123 eP 15 09.30 0.1
0.9s 8.10nm 4.2mb
HAU 22.93 115 iPc 15 10.80 0.7
1.1s 21.40nm 4.6mb
SMF 22.98 120 eP 15 10.50 -0.1
1.0s 12.80nm 4.4mb
CDF 23.01 113 eP 15 11.50 0.6
RJF 23.19 125 iPc 15 12.10 -0.5
0.8s 8.30nm 4.3mb
LFF 23.21 127 eP 15 12.60 -0.1
SUF 23.24 66 iP 15 13.50 0.6
BSF 23.26 114 eP 15 14.20 0.9
1.2s 26.10nm 4.7mb
MOX 23.28 103 eP 15 14.00 0.6
1.2s 25.00nm 4.6mb
KJF 23.35 62 iP 15 12.40 -1.5
0.8s 24.90nm 4.8mb
CLL 23.44 101 eP 15 15.00 0.0
1.3s 19.00nm 4.5mb
NUR 23.52 72 iP 15 15.10 -0.5
0.8s 16.20nm 4.6mb
CAF 23.72 125 eP 15 18.20 0.5
SLE 24.03 112 eP 15 21.30 0.6
ZUL 24.21 113 eP 15 23.00 0.5
PRU 25.07 101 eP 15 32.00 1.3
KHC 25.25 104 iPc 15 33.00 0.5
1.2s 35.00nm 4.9mb
e 15 49.50
KSP 25.27 98 ePc 15 32.50 -0.1
VDL 25.45 113 eP 15 35.70 1.1
LRG 26.62 121 eP 15 45.50 0.3
1.4s 36.30nm 4.9mb
KBA 26.68 107 ePd 15 45.50 -0.4
MBC 31.48 333 eP 16 29.00 0.5
YKC 37.95 311 eP 17 24 00 0.0
FFC 38.31 295 eP 17 28.00 0.9
0.8s 4.00nm 4.2mb
INK 39.73 326 eP 17 37.00 -1.7
COL 45.92 330 eP 18 29.00 0.0
FBA 45.92 330 eP 18 28.70 -0.3
1.0s 10.00nm 4.8mb
IMA 46.21 334 eP 18 31.90 0.4
PWA 49.19 329 eP 18 54.60 0.0
KKN 74.63 59 eP 21 46.40 0.1
0.9s 36.00nm 5.4mb
DMN 74.72 59 eP 21 47.30 0.4

1.0s 43.00nm 5.4mb
PKI 74.88 59 eP 21 47.90 0 0
1.2s 18.00nm 5.0mb
S.D. = 0.6 on 50 of 57 obs.

FEB 20, 1985 17h 41m 27.28± 0.81s
35.935 N ± 4.5km 70.953 E ± 3.2km
DEPTH = 93.9 ± 8.3 km
5.1mb (30 obs.)
HINDU KUSH REGION (718)
Felt (III) at Dushanbe and Kharog, USSR.

KSH 5.31 47 P 42 47.20 1.4
OUE 6.64 212 eP 43 03.00 -1.2
0.9s 36.97nm 4.8mb
e 44 17.50
NDI 8.96 142 ePn 43 31.50 -4.3X
MHI 9.28 276 eP 43 39.00 -1.2
0.7s 57.53nm 5.5mb
eS 45 15.00
KHI 10.25 264 eP 43 53.60 0.2
DMN 14.61 121 eP 44 45.80 -4.9X
KKN 14.62 120 eP 44 45.80 -5.0X
PKI 14.85 120 eP 44 48.90 -4.9X
0.6s 300.00nm 5.7mb
WMQ 15.06 53 eP 44 53.50 -2.7
S 47 49.50
SHI 16.71 253 eP 45 18.00 1.0
POO 17.52 171 eP 45 28.40 1.4
eS 49 04.00
LSA 18.07 104 P 45 31.70 -2.3
KER 19.56 272 eP 45 50.50 0.2
HYB 19.64 158 eP 45 50.50 -0.6
0.8s 50.00nm 4.9mb
TAB 19.77 284 eP 45 57.00 4.6X
GBA 22.99 164 Pc 46 25.20 0.7
0.9s 33.50nm 4.7mb
GTA 23.06 73 P 46 26.90 1.7
eS 50 34.60
ScS 57 24.60
LZH 26.54 80 eP 46 58.00 -0.1
CD2 27.76 91 eP 47 11.00 2.0
CHG 29.99 117 eP 47 30.00 0.9
BTO 30.85 69 eP 47 37.30 0.8
BDT 31.07 119 eP 47 39.00 0.5
GYA 31.83 97 P 47 45.00 -0.3
KHT 32.48 123 eP 47 52.00 1.2
LOE 32.92 116 eP 47 52.50 -2.2
TIY 33.06 74 eP 47 55.40 -0.4
WHN 36.47 86 eP 48 26.00 1.2
VAY 37.79 293 eP 48 36.20 0.4
NUR 38.26 325 iP 48 40.00 0.5
0.5s 58.80nm 5.8mb
KJF 38.36 331 iP 48 41.00 0.7
0.6s 19.60nm 5.2mb
i 50 11.00
SUF 38.38 328 iP 48 41.00 0.5
0.6s 33.40nm 5.4mb
JOS 38.71 305 eP 48 44.90 1.4
SPC 38.91 306 eP 48 46.60 1.2
KRA 39.12 307 eP 48 47.20 0.4
e 48 51.00
SOD 40.23 335 iP 48 56.40 0.7
KEV 41.31 339 iP 49 05.60 1.1
0.6s 18.30nm 5.1mb
KSP 41.46 309 eP 49 07.00 1.0
UPP 41.49 322 iP 49 06.60 0.5
IPM 41.72 131 ePc 49 10.00 1.5
PRU 42.60 307 P 49 17.00 1.6
LJU 42.96 302 e(P) 49 19.50 1.2
e 50 13.00
KHC 43.28 306 P 49 22.40 1.4
e 50 18.90
e 51 10.50
VOY 43.40 302 e(P) 49 22.50 0.5
HFS 43.49 322 eP 49 22.00 -0.4
0.6s 44.60nm 5.5mb
Z 14s 0.22um 4.2MszX
LR 05 19.00
CLL 43.52 309 eP 49 22.00 -0.8
KBA 43.64 303 i(P) 49 24.70 0.6
i 49 56.00
e 50 42.00
i 51 08.70
GRF 44.77 307 eP 49 34.00 1.1
id 49 34.90

NB2	44.81	323	P	49	32.30	-0.8
	0.7s	34.10nm			5.3mb	
KGM	45.13	131	eP	49	27.00	-9.1X
PPI	45.41	136	eP	49	38.00	-0.2
OSS	45.87	303	eP	49	41.80	-0.1
SAX	46.32	304	eP	49	45.50	-0.1
LLS	46.62	304	eP	49	47.30	-0.5
BSF	47.93	305	eP	49	57.40	-0.5
	1.2s	14.20nm			4.7mb	
WLF	48.04	308	Pc	49	58.90	0.3
EMS	48.17	303	eP	50	00.20	0.3
HAU	48.19	306	eP	49	59.40	-0.5
FRF	48.93	300	eP	50	05.10	-0.5
	1.2s	19.40nm			4.9mb	
SMF	50.14	304	eP	50	14.20	-0.6
	1.0s	16.80nm			5.0mb	
SSF	50.27	305	eP	50	15.00	-0.7
AVF	50.43	305	eP	50	16.50	-0.5
	1.0s	13.30nm			4.9mb	
BGF	50.83	304	eP	50	19.20	-0.8
MZF	51.08	304	iPc	50	21.80	-0.2
	1.2s	19.20nm			5.0mb	
TCF	51.32	304	iPc	50	23.60	-0.2
	1.2s	17.00nm			5.0mb	
CAF	51.77	302	iPc	50	26.70	-0.5
	1.2s	20.80nm			5.0mb	
LSF	51.78	304	iPc	50	26.30	-1.0
LFF	52.67	303	iPc	50	33.60	-0.3
	1.1s	19.80nm			5.1mb	
GRR	52.81	307	eP	50	34.40	-0.5
	1.3s	16.60nm			4.9mb	
DAG	55.29	344	iPc	50	51.80	-0.8
	0.7s	16.44nm			5.2mb	
BNG	57.42	250	iPc	51	07.00	-1.5
	0.7s	35.00nm			5.5mb	
		id		51	44.00	
ALE	59.61	354	eP	51	22.50	-0.5
	0.5s	3.00nm			4.7mb	
MTD	64.32	222	iPc	51	55.00	-0.2
BRW	67.86	15	eP	52	30.50	13.6X
MBC	67.90	3	eP	52	17.00	-0.1
	0.5s	33.00nm			5.5mb	
BUL	68.68	223	iPc	52	22.30	-0.5
	0.8s	11.19nm			4.8mb	
IMA	72.67	17	eP	52	45.30	-1.0
INK	74.49	9	eP	52	56.00	-0.5
	0.5s	42.00nm			5.5mb	
		pP		53	25.50	116kmX
TTA	74.56	20	eP	52	56.80	-0.4
KIC	74.72	267	eP	52	57.80	-1.0
COL	75.02	16	eP	52	59.00	-0.7
	0.8s	29.10nm			5.2mb	
FBA	75.02	16	eP	52	59.40	-0.3
	0.8s	27.40nm			5.2mb	
FRB	75.59	343	eP	53	03.00	0.1
PWA	77.27	19	eP	53	11.30	-1.0
KDC	79.79	22	eP	53	25.70	-0.4
KLG	81.57	138	eP	53	36.00	0.2
WB2	81.74	122	iPc	53	36.20	-0.7
		e		54	04.00	
YKC	81.83	3	ePc	53	36.50	-0.2
	0.6s	11.00nm			4.9mb	
FFC	89.50	356	eP	54	15.00	0.2
	1.0s	11.00nm			5.0mb	
EDM	91.13	3	eP	54	22.50	0.0
	S.D. = 0.9	on 82 of 89 obs.				

* FEB 20, 1985 18h 37m 12.70± 1.02s
0.624 N ±20.4km 123.417 E ±13.5km
DEPTH = 278.6 ± 12.3 km
4.4mb (3 obs.)
MINAHASSA PENINSULA (265)

MNI	1.64	60	ePc	37	54.50	-0.5
		eS		38	29.40	
PCI	3.89	247	eP	38	18.00	1.0
		eS		39	01.60	
WRA	23.08	153	Pd	41	52.70	-2.9X
	0.2s	3.80nm			4.6mb	
WB2	23.08	153	iPc	41	54.30	-1.4
NAU	24.29	198	eP	42	06.00	-0.8
MEK	27.48	189	iPc	42	34.60	-1.2
	0.6s	10.00nm			4.5mb	
YOU	41.88	148	eP	44	38.50	0.9
CAN	43.00	149	eP	44	47.80	1.0
WAM	43.62	150	eP	44	53.00	1.4
GBA	47.30	288	Pd	45	20.50	-0.3

0.7s 2.60nm 3.7mb
S.D. = 1.3 on 9 of 10 obs.

FEB 20, 1985 18h 58m 48.67± 0.40s
42.013 N ± 5.2km 19.639 E ± 3.8km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 3.4 (ITG).

ULC	0.29	260	ePg	58	54.60	-0.2
			iSg	59	01.20	
TTG	0.50	326	iPg	58	58.10	-0.8
			iSg	59	10.00	
PVY	0.63	23	iPg	58	59.70	-1.8
			iSg	59	09.50	
BDV	0.66	294	ePg	59	01.50	-0.3
			iSg	59	14.50	
IVA	0.88	12	ePg	59	07.40	1.8
			eSg	59	19.60	
HCY	0.95	298	ePg	59	07.00	0.2
			eSg	59	23.00	
BRY	1.20	318	ePg	59	11.20	0.0
			eSg	59	33.00	
OHR	1.25	136	iPg	59	10.30	-1.7
PLE	1.33	352	ePg	59	13.00	-0.3
			eSg	59	35.00	
SKO	1.34	91	iPg	59	13.40	0.0
			iSg	59	30.00	
BRT	2.15	239	e(Pn)	59	31.00	5.9X
VAY	2.30	107	iPn	59	26.00	-1.2
GRG	2.33	116	ePn	59	27.60	-0.1
			eSn	00	00.60	
KNT	2.59	108	ePn	59	30.70	-0.6
VTS	2.71	76	eP	59	35.00	2.0
			iSg	00	07.00	
THE	2.86	118	ePn	59	38.00	2.9X
BEO	2.87	12	e(Pn)	59	40.30	5.0X
			iSg	00	09.70	
LIT	2.88	131	ePn	59	36.20	0.7
			eSn	00	10.10	
SOH	3.04	112	ePnc	59	39.20	1.5
MMB	3.09	97	eP	59	40.00	1.6
SRS	3.10	105	ePn	59	37.90	-0.6
SSR	3.24	28	eP	59	40.00	-0.5
OUR	3.68	116	ePn	59	47.60	0.8
PAIG	3.70	123	ePn	59	47.60	0.5
GZR	4.07	33	eP	59	56.00	3.6X
PVL	4.24	73	eP	00	03.00	8.3X
KDZ	4.28	93	iPd	59	53.00	-2.4
DIM	4.43	88	eP	00	15.00	17.6X
AQU	4.65	276	ePn	00	00.00	-0.6
			eSn	00	58.50	
MNS	5.18	276	ePn	00	09.50	1.4
			eSn	01	08.50	
CEY	5.30	316	ePn	00	10.70	0.9
			iSn	01	13.50	
LJU	5.46	319	e(Pn)	00	07.30	-4.7X
	1.0s	230.00nm			5.8mb	X
			e	00	12.43	
			e(Sn)	01	15.80	
TRI	5.63	313	iPnc	00	13.50	-0.9
			iSn	01	19.00	
			iSg	01	53.60	
VOY	5.77	316	ePn	00	16.50	0.0
			eSn	01	25.60	
KBA	6.77	321	iPnd	00	30.70	0.0
	0.7s	13.80nm			5.1mb	X
			iSn	01	52.00	
KHC	8.29	331	iP	00	52.00	0.3
			e	02	23.50	
	S.D = 1.1	on 29 of 36 obs.				

FEB 20, 1985 20h 21m 13.38± 1.16s
5.977 S ± 5.7km 105.395 E ± 7.1km
DEPTH = 68.1 ± 10.7 km
5.2mb (16 obs.)
SUNDA STRAIT (276)

TRT	7.39	104	iPd	23	01.30	0.4
	1.1s	75.20nm			5.3mb	
PPI	7.41	318	eP	23	03.20	2.0
			e(S)	25	19.00	
KGM	8.21	345	ePc	23	11.30	-0.9
			e	25	13.50	
KLM	9.77	337	eP	23	35.00	1.5
			e	26	45.00	
IPM	11.36	337	ePd	23	55.50	0.4

			e	27	39.00	
SNG	13.91	340	eP	24	29.00	0.2
			eS	28	32.00	
MKS	14.03	88	eP	24	18.00	-12.3X
			e	25	57.00	
PCI	15.27	71	eP	24	53.50	7.1X
	1.6s	5.90nm			3.5mb	X
NAU	19.14	150	eP	25	32.00	-2.1
NNT	19.28	343	eP	25	35.50	-0.1
PPR	20.53	40	eP	25	49.60	1 0
MBL	20.58	139	eP	25	48.00	-1 1
PCT	20.90	349	eP	25	54.50	2 1
KHT	21.70	342	eP	26	00.80	0 3
LOE	23.51	351	eP	26	15.60	-2 6
BDT	23.92	345	eP	26	23.00	0 5
DAV	23.95	57	eP	26	23.00	0.5
	1.5s	888.89nm			6.0mb	
			eS	30	52.00	
CGP	24.00	54	iPd	26	25.50	2.6
	0.7s	24.00nm			4.8mb	
MEK	24.05	150	eP	26	25.00	1.6
KNA	24.89	115	iPd	26	30.80	-0.7
CHG	25.44	346	eP	26	34.50	-2.1
MAN	25.73	37	eP	26	41.20	1.9
MTN	26.27	107	eP	26	43.00	-1.3
BAL	26.71	158	eP	26	47.00	-1.2
BAG	26.84	34	eP	26	50.20	0.5
MUN	27.77	160	eP	26	57.00	-0.9
KLB	27.99	157	eP	26	59.00	-0.8
KLG	28.92	151	eP	27	09.00	0.7
NWAO	28.99	159	eP	27	10.00	1.2
Z	20s	0.20um			3.7Msz	
KMI	31.02	355	eP	27	22.00	-5.1X
WRA	31.36	119	Pd	27	27.70	-2.3
	0.2s	5.00nm			4.9mb	
WB2	31.37	119	eP	27	28.50	-1.6
GYA	32.26	2	P	27	38.20	0 3
ASPA	32.57	126	eP	27	39.00	-1 6
GBA	33.90	305	Pd	27	51.70	-0.3
	1.2s	54.30nm			5.3mb	
HYB	35.26	312	eP	28	02.50	-1.2
CD2	36.71	358	eP	28	15.20	-0.6
PKI	38.54	331	eP	28	29.50	-2.1
	1.1s	20.00nm			4.9mb	
DMN	38.72	331	eP	28	31.20	-1.8
	1.1s	20.00nm			4.9mb	
KKN	38.79	331	eP	28	31.60	-1.9
	1.3s	76.00nm			5.4mb	
XAN	39.94	5	Pd	28	42.00	-0.7
LZH	41.86	358	eP	28	58.00	-0.6
CTA	42.07	113	iPc	29	01.00	0.6
	0.9s	15.97nm			4.8mb	
ADE	42.13	138	iPc	29	01.40	0.7
STK	42.50	132	eP	29	04.00	0.2
NDI	43.87	323	eP	29	11.50	-3.3X
TIY	43.96	8	eP	29	16.00	0.5
GTA	45.45	354	P	29	27.00	-0.5
			PcP	31	06.50	
CMS	45.53	129	eP	29	28.00	-0.2
BTO	46.54	5	eP	29	36.00	-0.1
BJI	46.85	11	eP	29	38.00	-0.4
YOU	48.66	131	eP	29	53.20	0.5
CAN	49.57	132	iPc	30	00.80	1.1
WAM	49.87	133	eP	30	03.30	1.4
QUE	51.48	317	eP	30	13.00	-1.5
WMQ	52.08	344	P	30	17.00	-1.7
CN2	52.76	18	eP	30	21.50	-2.1
MHI	60.12	318	iPd	31	14.50	-1.8
SHI	61.85	308	eP	31	26.00	-2.3
TAB	70.12	314	eP	32	20.00	-0.8
BUL	75.58	251	iPd	32	54.30	1.1
	0.9s	10.50nm			4.8mb	
SPA	84.06	180	e(P)	33	39.60	1.8
ISR	86.38	316	eP	33	51.50	1.9
MLR	86.87	316	eP	33	53.50	1.4
BNG	87.33	275	iPc	33	56.00	1.2
	1.2s	53.00nm			5.6mb	
		id		34	10.20	
VAY	88.54	312	eP	34	01.00	1.0
OHR	89.83	311	eP	34	06.20	0.1
KJF	90.01	335	iP	34	06.20	-0.2
	1.1s	50.40nm			5.7mb	
SUF	90.36	333	iP	34	08.20	0.2
	0.8s	4.00nm			4.8mb	
NUR	90.61	331	iP	34	09.60	0 4
	1.1s	31.20nm			5.5mb	
JOS	91.03	319	eP	34	12.20	0.8

20c 20n

1.3s 17.30nm 5.3mb
KRA 91.62 320 eP 34 15.40 1.3
SRO 92.42 318 e(P) 34 19.00 1.2
ZST 93.27 318 e(P) 34 23.00 1.3
UPP 94.00 330 iP 34 24.50 -0.3
LJU 94.86 316 e(P) 34 29.50 0.4
e 35 49.50
VOY 95.30 316 e(P) 34 32.00 0.7
HFS 95.99 330 eP 34 33.60 -0.4
1.0s 13.40nm 5.4mb
YKC 116.50 19 ePKP 39 51.00 0.3
PNT 122.57 33 ePKP 40 04.00 1.3
SES 126.27 28 ePKP 40 09.00 -1.0
FFC 126.63 19 ePKP 40 11.00 0.6
ALQ 138.85 41 e(PKP)40 35.00 0.5
BAQ 146.00 231 e(PKP)40 51.00 3.7X
JCT 146.01 41 iPKP 40 48.10 1.2
1.0s 122.50nm
ATX 147.37 39 ePKP 40 52.00 3.0X
HKT 148.88 37 ePKP 40 57.50 6.2X
S.D. = 1.3 on 80 of 87 obs.

FEB 20, 1985 21h 20m 55.35± 0.48s
7.433 S ± 6.9km 124.475 E ± 7.8km
DEPTH = 467.9 ± 6.7 km
5.2mb (7 obs.)
BANDA SEA (280)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 6S, 10C
Centroid Location:
Origin Time 21:20:51.8 1.4
Lat 8.25S 0.12 Lon 124.07E 0.15
Dep 416.8 7.8 Half-duration 1.5
Moment Tensor; Scale 10**23 D-CM
Mrr=-5.54 0.94 Mtt=-0.41 1.25
Mff= 5.95 1.56 Mrt= 4.06 1.31
Mrf=-3.30 1.13 Mtf=-3.86 1.33
Principal Axes:
T Val= 9.31 Plg=18 Azm= 61
N -1.45 19 324
P -7.87 63 192
Best Double Couple:Mo=8.6*10**23
NP1:Strike=178 Dip=32 Slip= -52
NP2: 316 66 -111

KUPT 2.83 198 iPd 22 02.50 -0.7
eS 22 46.00
MKS 5.44 294 iPc 22 26.40 0.7
iS 23 44.40
MKS 5.44 294 iPc 22 26.50 0.8
e 24 55.00
PCI 7.96 324 iP 22 53.30 1.3
iS 23 20.20
TLE 8.41 78 ePc 22 48.40 -8.4X
MTN 8.48 130 iPc 22 56.00 -1.5
MNI 8.82 2 eP 23 03.00 1.7
KNA 9.27 153 iPd 23 04.90 -1.3
0.2s 48.00nm 5.5mb
TRT 11.74 268 iPd 23 33.40 0.6
iS 25 41.60
MBL 14.37 198 eP 24 00.00 -0.6
WRA 15.69 143 Pc 24 12.00 -2.1
0.5s 110.40nm 5.7mb
WB2 15.70 143 iPc 24 13.20 -1.0
KKM 15.72 328 ePd 24 14.00 -0.5
NAU 17.33 209 iPc 24 31.50 1.1
0.4s 9.00nm 4.7mb
ASPA 18.50 252 iPc 24 42.80 0.5
MEK 19.89 196 iPc 24 55.30 -0.1
0.7s 67.00nm 5.3mb
KLG 23.40 187 eP 25 27.00 -0.8
BAL 24.18 197 iPd 25 34.40 -0.4
KLB 24.84 194 eP 25 40.00 -0.8
MUN 25.61 196 iPd 25 46.90 -0.8
NWAO 26.24 194 eP 25 53.00 -0.3
RKG 27.39 194 iPd 26 08.50 5.1X
STK 29.09 149 iPc 26 18.30 0.1
0.5s 64.00nm 5.3mb
ADE 30.37 156 iPc 26 29.70 0.3
0.9s 48.74nm 5.0mb
CMS 31.14 143 eP 26 36.00 0.0
BFD 33.86 154 eP 27 00.00 1.1
YOU 34.63 144 iPc 27 06.80 1.4
TOC 35.55 151 eP 27 15.00 1.9
CAN 35.73 144 iPc 27 15.90 1.3
e 28 45.30

WAM 36.29 146 iPc 27 20.70 1.6
i 28 53.20
GYA 37.87 333 Pd 27 33.20 0.9
WHN 38.99 346 P 27 42.50 1.2
NJ2 39.63 353 Pd 27 46.60 0.1
CD2 42.98 334 iPd 28 13.80 0.3
XAN 43.80 341 Pd 28 18.80 -1.1
TIY 46.30 347 eP 28 37.60 -1.7
LZH 47.44 337 iPd 28 48.50 0.4
BJI 47.85 351 eP 28 49.50 -1.5
CN2 51.00 1 P 29 12.00 -2.4
GBA 51.16 294 Pc 29 14.00 -2.1
0.8s 3.50nm 3.8mb X
PKI 51.37 314 iPd 29 17.70 -0.2
0.5s 2.00nm 3.7mb X
KKN 51.59 314 iPd 29 19.40 0.0
DMN 51.60 314 iPd 29 19.60 0.1
0.8s 48.00nm 4.9mb
GTA 51.91 336 iPd 29 21.60 0.2
MDJ 52.01 5 eP 29 21.00 -0.9
MSZ 52.86 142 P 29 29.00 1.0
WMO 60.90 330 iP 30 23.00 -0.6
QUE 66.63 307 eP 31 00.00 -0.5
MHI 74.75 311 eP 31 49.00 0.9
FFC 120.07 29 ePKP 38 53.00 -0.2
0.9s 5.00nm
ALQ 125.93 52 ePKP 39 06.50 1.1
1.0s 4.75nm
KIC 129.59 272 ePKP 39 13.20 0.5
JCT 132.67 55 ePKP 39 19.00 0.8
0.8s 14.93nm
S.D. = 1.1 on 51 of 53 obs.

% FEB 20, 1985 21h 41m 36.51± 1.53s
45.945 N ±13.2km 5.240 E ±10.0km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.6 (LDG).

SMF 1.20 306 Pg 41 57.50 -1.3
Sg 42 16.70
LBF 1.36 320 Pg 42 01.60 0.1
Sg 42 22.40
AVF 1.56 304 Pg 42 04.20 -0.1
Sg 42 27.10
SSF 1.64 314 Pg 42 06.20 0.8
Sg 42 29.90
BGF 1.77 291 Pn 42 02.70 -4.7X
Pg 42 07.80
Sg 42 33.10
MZF 1.87 279 Pg 42 08.90 0.1
Sg 42 34.50
TCF 2.14 280 Pg 42 13.70 1.0
Sg 42 42.50
BSF 2.17 29 Pg 42 12.70 -0.5
Sg 42 43.40
HAU 2.20 20 Pg 42 14.10 0.5
Sg 42 46.20
CAF 2.46 247 Pg 42 16.80 -0.5
Sg 42 48.90
LSF 2.60 278 Pg 42 21.80 2.5X
S.D. = 0.8 on 9 of 11 obs.

• FEB 20, 1985 23h 36m 43.41± 1.21s
42.327 N ± 5.7km 126.556 W ±12.1km
DEPTH = 10.0km (geophysicist)
4.4mb (5 obs.)
OFF COAST OF OREGON (30)
ML 3.9 (BRK).

FHC 2.46 127 iPc 37 22.70 -1.5
e 37 54.10
COR 3.27 45 eP 37 35.00 -0.7
LMPM 3.39 103 P 37 37.80 0.2
WDC 3.49 119 iPc 37 38.20 -0.6
i 37 49.70
RMT 3.80 128 P 37 42.00 -1.2
ORV 4.72 124 ePc 37 55.90 -0.5
i 37 57.90
eS 38 50.90
i 38 54.40
SHW 4.95 37 P 38 00.50 0.8
LON 5.57 36 P 38 09.20 0.8
JAS1 6.44 131 eP 38 22.10 1.5
i 38 24.50
eS 39 34.60
BMN 7.27 102 P 38 32.30 -0.1

1.0s 7.50nm 4.8mb X
PNT 8.50 32 eP 38 49.00 -0.4
0.9s 46.00nm 5.8mb X
EUR 8.50 106 iP 38 49.50 -0.2
0.3s 15.38nm 5.8mb X
NEW 8.91 45 eP 38 53.00 -2.1
HPI 9.96 77 P 39 10.00 0.2
DUG 10.56 97 P 39 18.70 0.7
LRM 10.73 66 eP 39 20.10 -0.3
MSU 11.60 104 P 39 32.80 0.5
DAU 11.66 94 P 39 33.90 0.8
BDW 12.54 82 P 39 45.30 0.4
1.0s 11.75nm 5.1mb X
EDM 14.03 35 ePc 40 05.00 0.7
GOL 16.20 92 P 40 32.50 -0.4
1.0s 32.50nm 4.4mb
ALQ 17.32 109 eP 40 47.00 0.0
1.4s 30.81nm 4.2mb
FFC 20.34 44 iPd 41 22.30 0.0
0.9s 17.00nm 4.4mb
YKC 21.42 15 ePd 41 33.00 -0.3
1.3s 40.00nm 4.7mb
LTX 22.55 118 P 41 49.00 4.0X
RSON 23.97 58 P 41 58.90 0.4
JCT 24.46 110 eP 42 05.00 1.5
1.0s 10.00nm 4.4mb
LHC 26.70 64 eP 42 24.50 0.2
MBC 34.16 3 eP 43 30.00 -0.2
S.D. = 0.8 on 28 of 29 obs.

FEB 20, 1985 23h 47m 49.98± 0.87s
36.099 N ± 7.9km 120.046 W ± 6.2km
DEPTH = 5.0km (geophysicist)
CENTRAL CALIFORNIA (39)
ML 2.8 (BRK).

PHAM 0.39 228 eP 47 58.60 0.8
PRI 0.50 275 ePc 48 01.10 1.0
iS 48 10.10
LLA 0.89 306 eP 48 07.35 -0.2
FRI 0.93 17 e(P) 48 10.00 1.8
i(S) 48 22.70
PRS 1.10 283 eP 48 10.20 -0.8
SAO 1.31 301 eP 48 14.00 -0.7
WKTM 1.34 103 eP 48 14.40 -0.8
SLD 1.36 316 eP 48 14.50 -1.0
JAS1 1.85 351 iPc 48 22.50 -0.1
iS 48 45.20
S.D. = 1.1 on 9 of 9 obs.

FEB 21, 1985 00h 54m 39.98± 0.51s
36.214 N ± 8.2km 71.103 E ± 7.9km
DEPTH = 33.0km (normal)
4.2mb (6 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

QUE 6.94 211 eP 56 22.00 -0.2
eS 57 35.00
NDI 9.11 144 eP 56 53.50 1.3
MHI 9.38 274 eP 56 56.00 0.0
eS 58 33.00
KKN 14.66 121 eP 58 06.90 -0.1
0.4s 11.00nm 4.7mb
PKI 14.88 121 eP 58 09.20 -0.8
0.4s 7.00nm 4.4mb
GBA 23.22 164 Pc 59 44.60 -0.5
0.6s 2.90nm 4.0mb
SUF 38.21 328 iP 01 58.90 0.9
0.4s 1.80nm 4.3mb
HFS 43.34 322 eP 02 39.80 -0.5
0.4s 1.80nm 4.2mb
NB2 44.66 323 P 02 50.80 -0.2
0.6s 1.40nm 4.0mb
MBC 67.62 3 eP 05 35.00 0.0
S.D. = 0.7 on 10 of 10 obs.

FEB 21, 1985 02h 51m 02.95± 0.57s
23.892 S ± 8.1km 66.815 W ±10.9km
DEPTH = 208.7 ± 7.1 km
4.5mb (3 obs.)
JUJUY PROVINCE, ARGENTINA (128)

SLA 1.46 125 iPd 51 38.00 0.4
S 52 04.00
FSA 2.30 162 iPc 51 45.20 -0.3
(S) 52 16.20
TPZ 2.99 324 iPd 51 51.70 -2.0

ANT	3.30	273	iPc	51	56.90	-0.1
			eS	52	34.00	
VCA	4.99	194	ePd	52	18.80	0.6
CNCB	7.13	351	iP	52	47.70	1.4
LPB	7.42	350	P	52	51.00	1.0
			S	54	16.00	
TCA	7.68	166	iPc	52	49.80	-3.2X
			S	54	14.00	
BAO	19.51	69	Pc	55	16.50	0.0
ITR	31.03	66	eP	57	01.30	-2.0
SPA	66.25	180	eP	01	30.90	0.4
	0.8s	11.25nm			4.6mb	
ALQ	69.55	326	eP	01	52.00	0.8
	0.9s	4.20nm			4.2mb	
BUL	86.76	110	iPc	03	25.70	0.5
	0.6s	5.00nm			4.5mb	
MTD	90.72	109	eP	03	45.00	1.2
WRA	131.80	207	PKPc	09	51.90	-1.4
	0.5s	1.10nm				
GBA	144.73	100	PKPc	10	16.50	-0.5
	0.6s	13.90nm				
HYB	147.02	95	ePKP	10	23.50	2.7X
	S.D. = 1.2	on	15 of	17	obs.	

FEB 21, 1985 03h 03m 34.00± 0.40s
39.872 N ± 3.6km 24.440 E ± 3.6km
DEPTH = 19.8 ± 2.8 km
4.1mb (6 obs.)
AEGEAN SEA (365)
ML 4.3 (ATH).

OUR	0.58	323	iPgd	03	45.40	0.1
			eSg	03	51.90	
PAIG	0.59	276	iPgc	03	44.70	-0.8
SOH	1.26	319	ePbc	03	56.90	0.3
			eSb	04	13.00	
THE	1.36	304	ePbc	03	58.20	0.3
			eSb	04	19.70	
SRS	1.40	333	iPbc	03	58.90	0.4
			eSb	04	20.90	
LIT	1.52	279	ePbc	03	59.60	-0.6
			eSb	04	19.20	
PRK	1.55	113	iPnd	04	01.50	0.9
			ePg	04	04.00	
			eSn	04	23.00	
KNT	1.74	318	iPnc	04	04.00	0.5
			eSn	04	30.20	
MMB	1.80	343	iPc	04	04.00	-0.3
GRG	1.90	305	ePnc	04	06.30	0.6
			eSn	04	35.20	
KDZ	1.90	21	iPc	04	05.00	-0.7
ATH	1.98	197	iPnc	04	06.50	-0.4
			ePg	04	10.50	
			eSn	04	37.50	
VAY	2.03	316	iPn	04	07.70	0.1
			i	04	11.00	
			i	04	33.20	
			iSn	04	39.60	
KZN	2.09	283	iPnc	04	08.20	-0.4
			ePg	04	15.00	
			eSb	04	41.00	
PLD	2.24	5	eP	04	12.00	1.4
DIM	2.34	21	iPc	04	13.00	1.0
VTS	2.88	341	eP	04	20.00	0.3
OHR	3.04	295	iPn	04	22.40	0.4
JMB	3.06	31	iP	04	22.00	-0.2
SKO	3.09	314	iPnc	04	22.80	0.1
			i	04	27.00	
			iSn	05	02.20	
PVL	3.32	9	iP	04	22.00	-3.9X
VLS	3.44	242	ePn	04	28.50	0.8
			eSn	05	12.00	
			eSb	05	21.50	
CGN	4.45	15	ePc	04	41.00	-0.9
BUC1	4.63	14	eP	04	50.00	5.5X
TTG	4.67	305	ePn	04	49.50	4.3X
			eSn	05	08.00	
NPS	4.69	168	ePb	04	52.50	7.0X
			ePg	05	04.40	
			eSb	05	52.00	
BUC	4.70	15	eP	05	40.50	54.9X
SSR	5.37	339	eP	04	55.00	-0.1
CMP	5.41	4	ePc	04	59.00	3.4X
ISR	5.49	16	ePc	04	57.00	0.3
MLR	5.72	11	iPc	05	00.00	-0.1
BEO	5.76	330	ePn	05	13.30	12.9X
			i(Pb)	05	26.20	
			iSg	06	42.20	
BRD	5.96	18	eP	05	10.00	6.7X
DEV	6.11	350	ePc	05	08.50	3.1X
ODB	6.20	17	eP	05	17.00	10.3X
CLI	6.99	16	iPc	05	17.50	-0.3
VOY	9.88	312	e(P)	05	58.50	0.5
KBA	10.80	315	eP	06	13.00	2.2
	0.8s	6.20nm			5.0mb	
			i	06	15.00	
			i	06	29.30	
CTI	11.22	308	e(Pg)	06	19.00	2.6X
KHC	12.06	324	eP	06	26.60	-1.1
NUR	20.66	0	eP	08	21.00	6.2X
HFS	21.37	345	eP	08	21.10	-1.0
	0.7s	1.90nm			3.6mb	
NB2	22.72	343	P	08	35.50	0.0
	0.9s	5.00nm			4.0mb	
SUF	22.90	2	eP	08	42.00	4.7X
	0.6s	3.00nm			4.0mb	
EKA	23.97	319	P	08	51.00	3.3X
	0.9s	4.60nm			4.0mb	
KJF	24.44	3	eP	08	39.00	-13.2X
BNG	35.68	190	iPc	10	33.00	0.0
	0.8s	5.00nm			4.5mb	
KIC	42.43	226	eP	11	29.00	-0.1
	S.D. = 0.7	on	33 of	48	obs.	

FEB 21, 1985 05h 31m 03.40± 0.84s
41.228 N ± 9.4km 20.885 E ± 7.9km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 3.1 (TTG). Felt (IV) at
Debar, Yugoslavia.

OHR	0.13	209	iPg	31	06.70	0.1
			iSg	31	13.80	
SKO	0.85	29	ePg	31	15.20	-4.6X
			iSg	31	27.20	
VAY	1.27	85	ePn	31	27.00	0.0
ULC	1.43	301	ePg	31	27.70	-1.7
			eSg	31	45.00	
PVY	1.53	334	ePg	31	30.90	0.1
			eSg	31	49.50	
TTG	1.71	315	ePg	31	33.30	0.0
			eSg	31	53.20	
BDV	1.87	305	ePg	31	36.50	0.8
			eSg	31	58.50	
HCY	2.16	305	ePn	31	41.00	1.1
			eSn	32	07.20	
PLE	2.37	333	ePn	31	47.80	4.7X
			eSn	32	16.00	
VOY	6.98	316	ePn	32	48.00	-0.3
			e(Sn)	34	02.00	
	S.D. = 1.0	on	8 of	10	obs.	

FEB 21, 1985 05h 35m 51.83± 0.32s
41.596 N ± 4.2km 20.428 E ± 3.2km
DEPTH = 13.8 ± 2.8 km
3.8mb (3 obs.)
ALBANIA (391)
ML 3.9 (TTG). Felt (VI) at
Debar, Yugoslavia.

OHR	0.56	150	iPgc	36	00.40	-2.5
			iSg	36	07.60	
SKO	0.84	63	iPgc	36	07.30	-0.5
			iSg	36	20.00	
ULC	0.95	293	iPg	36	09.00	-0.7
			iSg	36	24.60	
PVY	1.05	341	iPgc	36	12.00	0.6
			iSg	36	28.30	
TTG	1.20	314	iPgd	36	14.20	0.3
			iSg	36	35.00	
IVA	1.33	343	ePn	36	17.20	1.1
			eSn	36	39.50	
BDV	1.38	300	ePn	36	17.00	0.4
			eSn	36	40.00	
GRG	1.62	113	ePbc	36	20.30	0.2
			eSb	36	42.90	
VAY	1.63	99	iPnc	36	20.50	0.3
			i	36	37.60	
			iSn	36	43.00	
KZN	1.64	141	ePnc	36	20.80	0.4
			eSn	36	42.00	
HCY	1.67	301	ePn	36	22 70	1.9
			iSn	36	47.20	
PLE	1.89	337	ePn	36	27.40	3.3X
			eSn	36	53.50	
KNT	1.91	102	ePn	36	24.20	-0.1
			eSn	36	49.00	
BRY	1.91	314	ePn	36	27.50	3.1X
			eSn	36	57.00	
THE	2.14	116	iPnd	36	27.60	0.0
			eSn	36	55.10	
LIT	2.16	133	ePn	36	28.20	0.2
			eSn	36	55.90	
VTS	2.29	63	iPd	36	32.00	2.2X
SOH	2.34	108	ePn	36	30.70	0.2
SRS	2.43	100	ePnc	36	32.10	0.4
MMB	2.48	89	iPc	36	33.00	0.6
BRT	2.54	255	e(Pn)	36	35.50	2.3
			eSn	37	17.20	
PAIG	2.98	123	ePnd	36	39.30	-0.2
BEO	3.22	0	iPn	36	43.80	0.8
			iPg	36	54.20	
			iSn	37	24.20	
			iSg	37	38.00	
PLD	3.23	80	eP	36	32.00	-11.1X
SSR	3.40	16	eP	36	45.00	-0.5
VLS	3.42	178	ePb	36	46.00	0.3
KDZ	3.69	88	iPd	36	50.00	0.3
SGO	4.01	257	ePn	36	54.00	0.0
			eSn	37	40.00	
GZR	4.16	23	iPd	36	56.50	0.1
ATH	4.42	144	ePg	36	37.00	-22.9X
			eSb	37	02.00	
DUI	4.48	273	ePn	37	01.00	0.3
DEV	4.65	22	ePc	37	13.00	9.8X
CGN	4.83	56	eP	37	26.00	20.2X
BUC1	4.94	54	eP	38	10.00	62.6X
CMP	4.97	41	ePc	37	04.00	-3.8X
AQU	5.29	281	ePn	37	13.00	0.6
			eSn	38	18.00	
MLR	5.59	44	eP	37	18.00	1.4
ISR	5.69	49	ePc	37	20.00	2.0
MNS	5.83	280	ePn	37	21.00	1.2
			eSn	38	29.00	
BUD	5.97	351	ePc	37	28.30	6.5X
CEY	6.01	316	iPn	37	23.70	1.3
			eSn	38	32.80	
LJU	6.16	318	iPn	37	24.80	0.3
	3.0s	960.00nm			6.1mb X	
			eSn	38	37.40	
TRI	6.34	313	ePn	37	26.50	-0.7
			iPb	37	41.30	
			iPg	37	55.60	
			iSn	38	38.00	
			iSg	39	18.90	
			i	39	22.90	
SRO	6.40	347	e(Pn)	37	32.50	4.6X
			e(Sn)	38	55.00	
VOY	6.48	315	ePn	37	29.80	0.6
			i	37	31.80	
			eSn	38	44.40	
JOS	6.90	1	ePnc	37	35.00	0.1
ZST	7.01	341	e(Pn)	37	48.00	11.6X
VKA	7.28	338	ePg	37	32.00	-8.2X
KBA	7.47	320	iPnd	37	43.30	0.2
			i	37	48.00	
			i	37	59.40	
			iSn	39	08.30	
			i	39	10.00	
			i	39	17.10	
CTI	7.75	308	ePn	37	45.00	-2.6
			eSn	38	14.00	
BHG	8.15	321	iPc	37	53.80	1.3
SAL	8.23	302	eP	37	52.50	-1.6
			eSn	39	22.00	
CVF	8.65	280	eP	38	00.00	0.5
	0.6s	9.00nm			5.2mb X	
KHC	8.94	330	P	38	04.30	0.9
	0.9s	10.50nm			5.2mb X	
			e	38	18.00	
			e	39	47.00	
OSS	8.97	308	eP	38	04.10	0.0
MMK	10.05	300	eP	38	19.40	0.5
GRF	10.34	325	e(Pn)	38	20.40	-2.3
FRF	10.35	286	eP	38	25.10	2.2
	0.7s	5.70nm			5.1mb X	
DIX	10.42	300	eP	38	24.00	0.0
MOX	10.92	329	e(P)	38	42.50	12.0X
			e	39	06.00	
BSF	11.52	307	eP	38	37.20	-1.8
	0.6s	3.60nm			4.8mb X	

21d 05h

HAU	11.87	307	eP	38	41.80	-1.8
	0.6s		9.00nm			5.2mb X
SMF	12.94	299	eP	38	56.20	-1.7
	0.6s		3.00nm			4.7mb X
LBF	12.95	300	eP	38	56.50	-1.6
	0.6s		3.90nm			4.8mb X
LOR	13.12	301	eP	38	59.40	-0.9
HFS	19.02	350	(P)	40	14.30	-1.2
	0.4s		2.00nm			3.7mb
NUR	19.12	6	eP	40	15.00	-1.6
NB2	20.27	347	P	40	29.20	-0.2
	0.7s		3.00nm			3.7mb
SUF	21.43	7	eP	40	40.00	-1.2
	0.3s		1.40nm			3.8mb
	S.D. = 1.1		on 55 of 69 obs.			

• FEB 21, 1985 05h 45m 18.71± 1.18s
17.720 S ±12.2km 168.065 E ±14.8km
DEPTH = 22.1 ± 14.3 km
4.9mb (2 obs.)
VANUATU ISLANDS (186)

PVC	0.24	95	iPc	45	24.00	-0.6
			iS	45	31.50	
KOU	4.56	231	iPc	46	27.80	-0.3
			iS	47	24.90	
NOU	4.81	198	iPc	46	33.00	1.3
			iS	47	26.30	
HNR	11.40	315	eP	48	05.00	1.6
SVO	11.70	316	eP	48	11.00	3.6X
KRP	21.17	153	P	50	05.20	0.4
MNG	23.70	166	P	50	30.00	0.2
TCW	24.02	168	eP	50	35.50	2.7X
WB2	31.96	261	eP	51	44.20	-1.2
WRA	31.97	261	Pd	51	42.70	-2.8X
	0.7s		7.60nm			4.7mb
ASPA	32.45	254	eP	51	48.00	-1.8
KNA	37.64	267	iPd	52	34.20	0.1
MEK	46.47	250	iPd	53	46.40	0.2
	0.8s		15.00nm			5.0mb
	S.D. = 1.3		on 10 of 13 obs.			

FEB 21, 1985 06h 21m 37.52± 0.29s
41.530 N ± 3.8km 20.353 E ± 2.8km
DEPTH = 10.0km (geophysicist)
4.6mb (8 obs.)
ALBANIA (391)
DUR 4.2 (TTG). Felt in the Debar-Kicevo, Yugoslavia area.

OHR	0.54	141	iPgc	21	46.60	-1.8
			iSg	21	54.40	
ULC	0.93	298	iPg	21	55.50	0.2
			iSg	22	07.30	
PVY	1.16	345	iPgd	21	58.00	-0.3
			iSg	22	16.20	
TTG	1.21	318	iPgd	22	00.50	0.4
			iSg	22	20.50	
BDV	1.36	304	ePg	22	04.00	1.4
			iSg	22	26.20	
IVA	1.38	346	ePg	22	03.20	0.3
			iSg	22	24.00	
KZN	1.63	138	ePn	22	07.00	0.6
			eSn	22	27.50	
GRG	1.65	110	iPnc	22	06.60	0.0
			iSn	22	29.30	
HCY	1.66	304	ePn	22	09.00	2.2
			eSn	22	34.30	
BRY	1.92	316	iPnc	22	13.20	2.5X
			eSn	22	39.50	
PLE	1.93	339	ePn	22	14.00	3.1X
			eSn	22	40.00	
KNT	1.95	100	ePnd	22	11.20	0.2
			iSn	22	38.70	
LIT	2.16	131	ePnd	22	14.80	0.7
			eSn	22	47.40	
THE	2.17	114	iPnd	22	14.30	0.2
SOH	2.37	106	ePnd	22	17.20	0.1
			eSn	22	51.10	
VTS	2.37	62	iP	22	18.00	0.9
BRT	2.46	256	ePn	22	20.00	1.7
			iSn	23	00.00	
SRS	2.47	99	iPnc	22	18.30	-0.2
			eSn	22	57.80	
MMB	2.53	88	iPc	22	20.00	0.6
			iS	23	03.00	
PAIG	2.99	121	iPnd	22	25.80	0.0
OUR	3.00	112	iPnd	22	26.10	0.2
BEO	3.29	1	iPn	22	30.10	0.0
			iPb	22	35.50	
			i(Pg)	22	42.20	
			iSn	23	11.20	
			iSb	23	18.50	
			iSg	23	23.90	
PLD	3.30	79	iP	22	30.00	-0.3
ORI	3.31	245	ePn	22	30.50	0.1
			iSn	23	09.50	
VLS	3.35	177	ePb	22	32.30	1.3
SSR	3.48	16	eP	22	34.00	1.2
KDZ	3.75	87	iPc	22	36.00	-0.7
PVL	3.92	64	eP	22	40.00	1.0
SGO	3.94	257	ePn	22	40.00	0.8
			eSn	23	28.00	
DRA	4.25	41	eP	22	45.00	1.3
ATH	4.40	143	ePg	22	21.80	-24.0X
			eSb	22	47.80	
DUI	4.42	274	iPnc	22	48.50	2.4
			e(Sn)	23	41.50	
DEV	4.73	22	iPd	22	50.00	-0.5
CGN	4.92	56	eP	22	54.00	0.8
BUC1	5.03	54	eP	23	30.00	35.3X
CMP	5.06	41	ePd	23	06.00	10.8X
BUC	5.11	54	eP	23	50.50	54.7X
AQU	5.25	281	ePn	22	58.50	0.6
			e(Sn)	24	04.00	
MNS	5.78	281	ePn	23	06.50	1.1
			iSn	24	15.00	
CEY	6.02	316	iPn	23	09.60	0.9
			iSn	24	19.70	
GIB	6.03	236	ePn	23	07.00	-2.0
LJU	6.17	319	ePn	23	11.30	0.4
			eSn	24	23.80	
TRI	6.35	313	ePn	23	12.50	-0.9
			i	23	39.00	
			iSn	24	24.10	
			iSg	25	01.50	
			i	25	10.30	
SRO	6.45	348	e(Pn)	23	17.50	2.7X
			e(Sn)	24	36.00	
VOY	6.49	316	ePn	23	15.50	0.0
			i	23	16.20	
			i	23	17.70	
			i(Sn)	24	28.70	
JOS	6.97	1	iPnc	23	21.30	-0.7
ZST	7.05	342	e(Pn)	23	25.00	1.7
			e(Pg)	23	59.20	
			e(Sn)	24	44.50	
			e(Sb)	25	13.00	
			e(Sg)	25	32.70	
KBA	7.48	320	iPnd	23	29.50	0.0
	0.6s		32.90nm			5.7mb X
			i	23	32.30	
			i	23	37.80	
			iSn	24	54.50	
			i	24	56.20	
			i	25	03.20	
CTI	7.75	309	ePn	23	31.50	-1.6
			eSn	25	05.50	
BHG	8.17	322	iPc	23	40.10	1.2
SAL	8.22	303	ePn	23	33.00	-6.5X
			eSn	25	14.50	
CVF	8.61	281	eP	23	46.00	0.9
	0.5s		14.50nm			5.5mb X
OSS	8.97	309	eP	23	50.10	-0.1
KHC	8.97	330	iP	23	51.00	1.0
	1.0s		13.50nm			5.2mb X
			e	24	03.80	
			e	25	32.70	
VDL	9.27	306	eP	23	55.20	0.8
KSP	9.73	345	eP	24	02.50	2.1
SAX	9.73	310	eP	24	02.70	1.9
ORO	9.87	299	ePn	24	00.00	-2.5
			iPgc	25	12.00	
			iSg	25	26.00	
FRF	10.32	286	eP	24	12.70	4.1X
	0.6s		11.70nm			5.5mb X
BRG	10.34	337	e(P)	24	11.00	2.1
			e	26	25.00	
GRF	10.36	325	ePn	24	08.80	-0.4
DIX	10.40	300	eP	24	10.00	0.0
SLE	10.49	310	eP	24	10.80	-0.2
LRG	10.51	285	eP	24	14.50	3.2X
	0.7s		16.00nm			5.5mb X
EMS	10.71	300	eP	24	14.80	0.7
MOX	10.94	329	eP	24	18.00	0.9
CLL	11.01	335	ePn	24	25.00	7.0X
			e	26	50.00	
			eSg	27	55.00	
BSF	11.52	308	eP	24	23.80	-1.3
	0.5s		11.60nm			5.5mb X
CDF	11.53	311	eP	24	23.50	-1.7
GWF	11.65	314	eP	24	15.00	-11.8X
HAU	11.87	308	eP	24	28.60	-1.1
SMF	12.92	299	eP	24	42.10	-1.7
	0.4s		4.00nm			5.0mb
LBF	12.94	300	eP	24	42.30	-1.8
	0.6s		5.30nm			4.9mb
LOR	13.11	301	eP	24	46.10	-0.2
	0.6s		6.60nm			5.0mb
SSF	13.27	300	eP	24	47.40	-1.0
BGF	13.55	298	eP	24	51.60	-0.6
GRR	16.48	302	eP	25	34.40	4.2X
LPF	16.50	300	eP	25	34.20	3.8X
HFS	19.08	350	eP	26	00.50	-1.9
	0.5s		5.30nm			4.0mb
NUR	19.19	6	eP	26	02.00	-1.7
NB2	20.32	347	P	26	14.20	-2.0
	0.7s		13.00nm			4.4mb
EKA	20.70	320	Pc	26	19.30	-0.8
	0.8s		11.80nm			4.3mb
SUF	21.50	7	iP	26	26.60	-1.6
	0.7s		4.40nm			4.0mb
FRB	53.27	326	eP	30	56.00	-2.1
YKC	70.18	339	eP	32	50.00	-1.9
FFC	72.24	329	eP	33	04.00	-0.4
	0.7s		4.00nm			4.6mb
EDM	77.54	334	eP	33	34.00	-0.8
	S.D = 1.2		on 73 of 87 obs.			

FEB 21, 1985 06h 24m 52.93± 1.01s
44.861 N ± 5.9km 8.899 E ±11.2km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 3.1 (LDG).

MMK	1.36	331	eP	25	17.50	-0.6
DIX	1.61	320	eP	25	22.50	0.8
VDL	1.67	14	eP	25	24.10	1.5
EMS	1.84	312	eP	25	26.80	1.8
LLS	2.01	2	eP	25	30.60	3.1X
OSS	2.02	25	eP	25	31.10	3.5X
FRF	2.08	232	Pn	25	28.70	0.5
			Sn	25	55.40	
CVF	2.29	181	Pn	25	30.50	-0.9
			Sn	25	56.90	
LMR	2.30	229	Pn	25	32.00	0.5
			Sn	26	00.00	
LRG	2.31	233	Pn	25	32.00	0.5
			Sn	26	00.50	
SLE	2.92	355	eP	25	39.10	-1.2
HAU	3.61	332	Pn	25	49.10	-0.9
			Sn	26	30.40	
SMF	3.96	299	Pn	25	55.00	-0.1
			Sn	26	39.70	
BGF	4.57	294	Pn	26	02.30	-1.3
			Sn	26	52.90	
MZF	4.64	289	Pn	26	04.10	-0.6
			Sn	26	55.90	
	S.D. = 1.1		on 13 of 15 obs.			

• FEB 21, 1985 06h 46m 06.32± 0.96s
31.462 S ±13.0km 67.798 W ± 8.2km
DEPTH = 30.6 ± 9.9 km
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.40	249	iPd	46	14.80	-0.6
			S	46	22.00	
RTLL	0.59	283	iPd	46	18.00	-0.3
RTCV	0.74	238	iPd	46	20.50	-0.2
			S	46	32.00	
ZON	0.76	263	iPd	46	20.90	0.1
			eS	46	32.00	
RTCB	0.86	268	ePd	46	23.00	0.7
VCA	2.73	353	e(P)	46	54.50	5.3X
			S	47	29.20	
TCA	2.75	88	iPd	46	49.20	-0.1
			i	46	54.00	
			S	47	20.90	
RFA	3.35	189	ePd	46	58.00	0.2
			S	47	52.60	
	S.D. = 0.6		on 7 of 8 obs.			

FEB 21, 1985 06h 56m 02.78± 0.50s
23.984 S ± 6.7km 179.784 W ± 4.3km
DEPTH = 528.3 ± 6.8 km
5.1mb (23 obs.)
SOUTH OF FIJI ISLANDS (171)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 11C
Centroid Location:
Origin Time 06:56:10.2 1.2
Lat 24.19S 0.21 Lon 179.96E 0.13
Dep 521.4 8.0 Half-duration 1.4
Moment Tensor; Scale 10**23 D-CM
Mrr=-5.29 0.96 Mtt= 1.12 1.66
Mff= 4.17 1.09 Mrt=-3.10 1.18
Mrf=-3.34 1.54 Mtf=-1.90 1.30
Principal Axes:
T Val= 5.46 Plg=13 Azm= 75
N 2.30 25 171
P -7.77 62 320
Best Double Couple:Mo=6.6*10**23
NP1:Strike=136 Dip=39 Slip=-132
NP2: 5 62 -62

RAO	5.51	163	P	57	37.00	0.4
			S	58	53.50	
SVA	6.06	344	iPc	57	42.00	0.2
			S	59	11.70	
VUN	6.17	344	eP	57	42.00	-0.8
			eS	59	04.50	
NUE	10.39	64	P	58	24.80	-0.6
			S	00	25.00	
AFI	12.56	38	P	58	44.00	-3.9X
			S	00	51.00	
NOU	12.77	275	iPc	58	52.00	2.0
			iS	01	14.00	
KRP	14.46	195	P	59	12.50	5.6X
			S	01	48.00	
GNZ	14.73	187	eP	59	14.00	4.3X
			S	01	41.00	
MNG	17.06	192	P	59	32.00	-0.6
			S	02	19.00	
TCW	17.89	195	P	59	40.30	-0.3
			eS	02	36.00	
TBI	27.76	95	iP	01	10.70	0.2
	0.6s	35.00nm			5.1mb	
AFR	28.74	83	iP	01	19.00	-0.1
	1.0s	145.00nm			5.5mb	
PAE	28.89	83	iP	01	20.20	-0.1
	1.0s	55.00nm			5.1mb	
PPT	28.92	83	iP	01	20.70	0.1
	1.0s	90.00nm			5.3mb	
PPN	29.06	83	iP	01	21.80	0.0
	1.0s	75.00nm			5.2mb	
TVO	29.15	84	iP	01	22.80	0.1
	1.0s	110.00nm			5.4mb	
CAN	29.27	240	eP	01	24.50	0.9
YOU	29.53	242	eP	01	26.80	0.9
WAM	29.58	238	eP	01	28.30	2.0
CMS	31.25	248	eP	01	41.00	0.5
PMO	31.30	79	iP	01	41.20	0.2
	1.0s	60.00nm			5.1mb	
VAH	31.45	80	iP	01	42.20	-0.1
	1.0s	30.00nm			4.8mb	
TPT	31.55	79	iP	01	43.40	0.2
	1.0s	110.00nm			5.4mb	
CTA	31.67	270	iPd	01	44.60	0.4
	1.0s	83.00nm			5.3mb	
RUV	31.69	80	iP	01	44.40	0.1
	1.0s	70.00nm			5.2mb	
PMG	34.71	289	iPd	02	09.60	-0.1
	1.0s	140.00nm			5.5mb	
STK	34.88	248	eP	02	11.00	0.0
ISO	37.66	267	eP	02	34.00	0.0
ASPA	42.22	261	iPd	03	10.60	-0.2
WB2	42.59	266	iPc	03	12.80	-0.9
			ePcP	04	54.20	
			eScP	07	57.30	
			eS	08	54.00	
WRA	42.60	266	Pd	03	11.40	-2.3
	0.6s	30.10nm			5.0mb	
WBN	48.35	256	iPd	03	57.10	-1.0
KNA	48.86	270	iPc	04	01.50	-0.5
GUA	50.80	314	eP	04	15.30	-0.9
	0.8s	185.07nm			5.6mb	
GUMO	50.87	314	eP	04	14.80	-1.9
KLB	55.13	247	eP	04	46.00	-1.1
NWAO	55.38	246	eP	04	48.00	-0.8
BAL	56.18	248	iPd	04	53.30	-1.1
MUN	56.38	247	eP	04	56.00	0.3
MRWA	57.04	250	eP	04	59.00	-1.3
NAU	58.99	257	iPd	05	13.30	-0.3
	0.5s	59.00nm			5.2mb	
CGP	63.05	294	eP	05	39.00	-1.1
	1.0s	83.70nm			5.2mb	
TRT	66.45	272	iPd	06	01.40	-0.2
	0.7s	48.30nm			5.2mb	
MAT	72.08	325	eP	06	33.00	-1.7
	0.9s	31.93nm			4.8mb	
KGM	78.87	277	ePd	07	13.20	0.6
NJ2	80.86	311	Pd	07	23.00	0.4
IPM	82.01	279	ePc	07	29.10	0.3
MDJ	82.44	326	eP	07	30.50	0.2
PSI	83.14	276	iPc	07	34.20	-0.2
	1.0s	25.20nm			4.7mb	
WHN	83.21	308	Pd	07	35.60	1.2
SNY	83.83	321	iPc	07	37.90	0.6
CN2	84.07	324	Pd	07	38.80	0.4
			i	07	58.20	
TIA	84.43	314	eP	07	39.40	-1.0
BJI	87.23	316	eP	07	54.50	0.8
TIY	88.39	313	Pd	08	00.80	1.5
XAN	88.95	308	Pd	08	02.80	0.9
KMI	89.48	298	eP	08	06.50	1.7
CHG	89.89	291	iPd	08	08.40	1.9
	1.1s	22.15nm			5.0mb	
PNT	90.45	35	eP	08	10.00	1.6
	0.7s	6.00nm			4.7mb	
ALQ	90.85	52	eP	08	11.90	1.0
	1.0s	4.00nm			4.4mb	
			e	10	10.00	
CD2	91.29	303	iPc	08	14.80	2.0
BTO	91.49	314	eP	08	14.60	1.0
COL	91.99	13	eP	08	14.00	-1.2
	0.8s	7.46nm			4.8mb	
FRB	120.62	29	ePKP	13	54.00	-0.9
BUL	128.14	215	iPKPc	14	11.00	0.1
MTD	129.21	220	ePKP	14	01.00	-12.0X
ITR	130.17	126	ePKP	14	13.90	-0.9
KJF	135.93	343	iPKP	14	23.00	-1.2
	0.6s	14.30nm				
			iSKP	17	06.60	
SUF	137.54	343	iPKP	14	18.10	-9.2X
	0.3s	1.20nm				
NUR	139.76	342	ePKP	14	22.00	-9.3X
	0.8s	8.80nm				
			i	14	30.20	
			iSKP	17	17.70	
UPP	142.13	346	iPKP	14	30.60	-4.9X
NB2	142.19	351	PKP	14	30.60	-5.1X
	1.0s	14.10nm				
HFS	142.67	349	ePKP	14	32.00	-4.4X
	0.5s	37.60nm				
KONO	143.75	352	iPKP	14	36.40	-1.9
MUD	146.90	351	iPKPc	14	46.60	3.0X
	0.5s	9.40nm				
COP	147.08	347	iPKPd	14	46.70	2.8X
	0.6s	48.00nm				
			i	14	50.00	
EKA	148.59	4	PKPc	14	50.40	4.1X
	0.6s	15.20nm				
DMU	149.65	8	iPKPc	14	52.40	4.5X
	0.7s	25.00nm				
KRA	149.77	334	iPKPd	14	53.70	5.5X
			e	15	00.20	
DCN	150.14	9	iPKPc	14	54.20	5.5X
	1.0s	90.00nm				
DLE	150.29	8	iPKPc	14	54.40	5.5X
	1.0s	50.00nm				
KSP	150.44	339	iPKPd	14	55.60	6.3X
	0.6s	75.00nm				
			ic	15	04.50	
WIT	150.80	352	ePKP	14	57.00	7.3X
CLL	150.99	343	iPKP	14	56.70	6.7X
CLL	150.99	343	iPKP	15	06.30	16.3X
			pPKP	17	03.00	
BRG	151.13	342	iPKP	14	56.90	6.6X
			i	15	06.90	
WTS	151.58	351	iPKPd	14	58.00	7.2X
	0.7s	33.00nm				
PRU	151.73	340	PKPd	14	58.30	7.1X
			e	15	31.50	
MOX	151.95	344	i(PKP)	14	59.00	7.5X
	1.0s	17.00nm				
			i	15	10.00	
HOF	152.19	344	iPKPc	15	11.20	19.3X
	1.0s	24.00nm				
KHC	152.79	341	PKP	14	53.40	0.6
			e	15	00.70	
			e	15	14.50	
ENN	152.90	352	ePKP	15	01.00	8.2X
	0.8s	6.00nm				
			e	15	14.50	
S.D. = 1.0 on 66 of 92 obs						

FEB 21, 1985 07h 43m 26.15± 0.43s
62.747 N ± 4.8km 151.089 W ± 5.3km
DEPTH = 97.5 ± 5.8 km
4.6mb (12 obs.)
CENTRAL ALASKA (1)
Felt (III) at Talkeetna, (II) at Anchorage and Willow.

PWA	1.24	152	iP	43	49.10	-0.3
PMR	1.48	141	iPc	43	52.60	0.2
PMS	1.67	154	iPc	43	54.50	-0.4
TTA	2.27	277	iPd	44	03.10	0.3
TOA	2.38	104	iPc	44	04.80	0.6
COL	2.61	33	iPd	44	08.00	0.7
FBA	2.61	33	iPd	44	08.00	0.7
SVW	2.70	235	iPd	44	08.50	-0.1
IMA	3.52	343	iPc	44	20.90	1.0
KDC	5.06	189	eP	44	38.60	-2.4
PNL	6.44	113	eP	44	57.90	-2.1
SDN	8.86	217	eP	45	34.70	1.7
BRW	8.87	348	ePd	45	32.90	-0.2
INK	9.15	45	eP	45	36.00	-1.0
YKC	16.71	75	eP	47	14.00	-1.2
	0.8s	10.00nm			4.1mb	
MBC	17.13	25	eP	47	21.00	0.8
EDM	21.84	98	eP	48	12.00	0.6
PNT	21.84	113	eP	48	13.00	1.6
	0.8s	19.00nm			4.5mb	
			pP	48	44.00	
NEW	23.71	112	eP	48	31.00	1.3
			e	49	03.00	
SES	24.82	101	eP	48	41.00	0.8
FFC	26.11	85	eP	48	55.00	2.9X
	1.0s	6.00nm			4.1mb	
ALE	28.19	16	ePc	49	10.30	-0.4
	0.6s	4.00nm			4.2mb	
FRB	34.75	51	eP	50	09.00	0.9
DAG	37.58	16	iPc	50	31.80	-0.1
	0.5s	19.72nm			5.3mb	
ALQ	39.17	114	e(P)	50	47.00	1.2
KEV	47.77	1	iP	51	54.00	-0.4
	0.8s	14.70nm			4.9mb	
SOD	50.17	1	iP	52	12.20	-0.6
KJF	53.36	1	iP	52	26.00	-10.7X
	0.6s	10.40nm				
SUF	54.83	2	iP	52	46.60	-1.0
	0.6s	6.60nm			4.8mb	
NB2	55.80	10	P	52	53.70	-1.0
	0.7s	3.60nm			4.5mb	
HFS	56.89	9	eP	53	00.90	-1.5
	0.6s	2.20nm			4.4mb	
NUR	57.02	3	eP	53	02.00	-1.3
	0.5s	7.00nm			5.0mb	
KHC	67.81	11	P	54	02.00	-13.0X
			e	54	17.20	
KKN	79.29	311	eP	55	22.80	0.6
	0.6s	8.00nm			4.7mb	
DMN	79.52	311	eP	55	24.20	0.7
	0.6s	6.00nm			4.6mb	
S.D. = 1.1 on 32 of 35 obs.						

FEB 21, 1985 07h 51m 39.87± 0.86s
41.466 N ± 9.7km 20.458 E ± 8.1km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 3.1 (TTG).

OHR	0.44	144	iPgc	51	48.90	0.1
			iSg	51	56.90	
SKO	0.89	55	ePg	51	56.50	-0.5
			iSg	52	09.00	
ULC	1.03	299	ePg	51	58.00	-1.4
			iSg	52	14.20	
PVY	1.18	342	ePg	52	00.70	-1.3
			eSg	52	19.50	
TTG	1.31	318	ePg	52	03.20	-0.9

21d 07h

			eSg	52	23.50	
IVA	1.47	344	ePg	52	07.00	0.6
			eSg	52	28.00	
BDV	1.47	304	ePg	52	06.50	0.1
			eSg	52	28.50	
VAY	1.60	95	iPn	52	08.00	-0.2
			iSn	52	31.40	
BRY	2.02	316	ePn	52	16.00	1.5
			iSn	52	42.00	
PLE	2.02	337	ePn	52	16.50	2.0
			eSn	52	44.00	
S.D. = 1.3 on 10 of 10 obs.						

& FEB 21, 1985 07h 54m 42.50s
33.480 N 116.420 W
DEPTH = 8.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.1 (PAS).

HAY	0.69	71	iPc	54	55.40	-1.0
TPC	0.70	26	ePc	54	55.30	-1.2
			eS	55	04.70	
IKP	0.87	162	iPc	54	58.70	-0.8
CBX	1.18	190	iPc	55	04.28	-0.4
			S	55	20.28	
SDW	1.25	334	eP	55	05.40	-0.6
GLA	1.40	107	eP	55	05.50	-2.9
6 obs. associated						

? FEB 21, 1985 08h 30m 43.66± 6.91s
31.299 S ±37.4km 68.706 W ±47.7km
DEPTH = 107.3 ± 50.4 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.20	203	ePd	30	59.40	0.1
			S	31	10.70	
RTLL	0.20	99	iPd	30	59.20	-0.1
			S	31	11.00	
CFA	0.50	128	ePd	31	00.60	0.1
			S	31	12.80	
RTCV	0.58	166	iPd	31	01.00	-0.1
			S	31	13.30	
TCA	3.52	92	iPd	31	37.50	0.0
S.D. = 0.2 on 5 of 5 obs.						

FEB 21, 1985 08h 45m 17.01± 0.75s
0.751 S ± 4.5km 121.696 E ± 5.6km
DEPTH = 51.5 ± 8.3 km
4.8mb (8 obs.)
MINAHASSA PENINSULA (265)

MNI	3.83	55	ePd	46	14.00	-0.9
			eS	46	43.00	
BKB	4.89	264	iPd	46	29.80	-0.1
MKS	4.96	207	iPd	46	31.00	0.1
			iS	47	52.50	
AAI	7.12	114	eP	47	02.50	1.4
0.5s 6.00nm 4.6mb						
KKM	8.69	321	ePd	47	22.60	-0.4
DAV	8.70	26	eP	47	22.00	-1.0
CGP	9.62	18	eP	47	40.00	4.3X
PPR	10.87	344	eP	47	54.50	1.8
MAN	15.32	358	eP	49	01.00	9.4X
1 0s 554.50nm 5.7mb						
KNA	16.46	155	eP	49	11.00	5 0X
BAG	17.69	356	eP	49	11.90	-2.3
CVP	18.34	0	ePd	49	31.00	1.6
KGM	18.58	279	ePc	49	32.00	-0 4
IPM	21.32	285	ePd	50	02.10	0 3
1 0s 68 60nm 5.0mb						
			e	50	24.80	
MAL	22 48	195	eP	50	12.00	-1.3
WPA	22 74	148	P	50	16.00	0.2
0.7s 4.90nm 4.0mb						
WB2	22.74	148	eP	50	15.20	-0.7
			i	50	22.10	
NNT	25.51	302	eP	50	44.00	1.5
ASPA	25.67	153	eP	50	45.00	1.0
WBN	25.68	170	eP	50	47.00	3.0X
MEK	25.89	186	iPc	50	45.60	-0.4
CHG	29.62	312	eP	51	22.50	2.5X
GYA	30.69	333	P	51	29.60	0.2
KMI	31.60	326	Pc	51	38.50	1.0
WHN	31.90	348	eP	51	41.00	1.2
NJ2	32.74	356	Pd	51	47.60	0.6
CD2	35.81	333	iPc	52	13.00	-0.6
TIA	37.02	354	eP	52	21.80	-1.8
TIY	39.22	348	eP	52	41.80	-0.3
LZH	40.24	337	Pc	52	51.50	0.8
BJI	40.91	354	eP	52	55.00	-0.9
BTO	42.51	347	eP	53	08.70	-0.5
GTA	44.72	336	P	53	27.60	0.5
PKI	44.81	312	eP	53	28.40	0.1
0.7s 9.00nm 4.7mb						
KKN	45.02	312	eP	53	30.00	0.2
0.8s 21.00nm 5.0mb						
DMN	45.05	312	eP	53	30.70	0.6
0.7s 13.00nm 4.9mb						
MDJ	45.71	8	eP	53	31.50	-3.3X
GBA	46.11	290	Pd	53	38.00	-0.3
0.4s 1.80nm 4.4mb						
HYB	46.16	295	eP	53	38.00	-0.7
NDI	51.64	308	eP	54	19.50	-1.4
WMO	53.77	330	P	54	36.50	0.0
ALQ	123.74	47	e(PKP)	04	11.00	-0.5
JCT	130.78	49	e(PKP)	04	26.00	1.1
S.D. = 1.0 on 37 of 43 obs.						

• FEB 21, 1985 09h 01m 49.63± 0.95s
41.476 N ±13.1km 20.450 E ±15.5km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.9 (TTG).

OHR	0.45	144	iPg	01	58.60	-0.2
			iSg	02	06.40	
ULC	1.02	299	ePg	02	08.00	-1.0
			eSg	02	23.00	
PVY	1.17	343	ePg	02	10.50	-1.1
			eSg	02	28.50	
TTG	1.30	317	ePg	02	12.80	-0.9
			iSg	02	33.00	
BDV	1.46	304	ePn	02	16.00	0.0
			eSn	02	39.00	
HCY	1.75	304	ePn	02	20.50	0.3
			eSn	02	46.50	
BRY	2.01	316	ePn	02	26.00	1.9
			eSn	02	54.00	
PLE	2.01	337	ePn	02	25.00	0.9
			eSn	02	52.40	
S.D. = 1.2 on 8 of 8 obs.						

• FEB 21, 1985 11h 00m 32.10± 1.43s
33.395 S ±12.4km 72.086 W ±14.6km
DEPTH = 33.0km (normal)
4.3mb (1 obs.)
OFF COAST OF CENTRAL CHILE (134)

MDZ	2.76	80	iP	01	17.40	2.3X
RFA	3.30	116	iPd	01	24.90	2.1
			S	02	14.50	
RTCV	3.36	64	ePc	01	24.90	1.3
			S	02	12.30	
RTCB	3.37	56	eP	01	24.70	0.9
			S	02	11.00	
ZON	3.42	58	eP	01	27.00	2.5
RTLL	3.69	57	ePd	01	28.00	-0.2
			S	02	22.00	
CFA	3.71	62	ePd	01	28.60	0.1
			(S)	02	20.20	
VCA	5.71	37	ePd	01	56.50	-0.5
			S	03	15.10	
TCA	6.66	74	ePd	02	08.00	-2.3
			i	02	10.40	
			S	03	25.80	
FSA	9.00	37	e(P)	02	38.00	-4.7X
VBA	9.44	122	ePc	02	48.00	-0.9
SLA	10.38	35	e(P)	03	00.80	-1.1
LPB	17.17	13	eP	04	33.00	1.4
			LR	10	34.00	
BAO	28.05	57	e(P)	06	21.00	-1.7
ITR	39.54	59	eP	07	59.30	-2.5
KIC	74.93	72	eP	12	11.40	-0.5
ALQ	75.23	331	eP	12	14.00	0.5
1.0s 3.25nm 4.3mb						
GBA	146.00	118	PKPc	20	10.50	0.7
0.7s 4.60nm						
S.D. = 1.6 on 16 of 18 obs.						

• FEB 21, 1985 11h 06m 11.80± 2.10s
43.233 N ±15.8km 18.878 E ±13.1km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.5 (TTG).

PLE	0.39	75	iPgd	06	19.70	-0.1
			iSg	06	25.00	
BRY	0.41	217	iPgd	06	19.80	-0.5
			eSg	06	26.00	
HCY	0.83	200	ePg	06	28.00	0.1
			eSg	06	41.00	
TTG	0.85	161	ePg	06	27.00	-1.2
			eSg	06	38.50	
BDV	0.95	182	ePg	06	30.20	0.3
			eSg	06	43.00	
ULC	1.30	168	ePg	06	36.60	0.7
			eSg	06	56.00	
OHR	2.56	145	ePn	06	57.50	3.5X
S.D. = 0.9 on 6 of 7 obs.						

FEB 21, 1985 11h 21m 53.10± 0.80s
40.453 N ± 9.6km 20.696 E ± 6.5km
DEPTH = 10.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)

OHR	0.66	7	iPg	22	06.10	-0.2
			iSg	22	16.10	
KZN	0.83	100	ePg	22	07.60	-1.7
			eSg	22	22.00	
GRG	1.39	68	ePb	22	18.60	0.0
			eSb	22	38.50	
LIT	1.42	104	ePb	22	18.60	-0.3
			eSb	22	39.80	
SKO	1.62	20	iPn	22	23.50	1.8X
			iSn	22	46.00	
VAY	1.66	58	iPn	22	23.30	0.9
			iSn	22	47.00	
THE	1.74	83	ePb	22	23.10	-0.4
			eSb	22	46.10	
KNT	1.82	66	ePn	22	25.50	0.9
			eSn	22	52.80	
ULC	1.86	325	ePn	22	28.00	2.7
			eSn	22	57.50	
SOH	2.06	79	ePn	22	28.80	0.6
			eSn	22	53.10	
PVY	2.21	346	ePn	22	34.70	4.3X
			eSn	23	07.50	
TTG	2.25	332	ePn	22	33.20	2.3
			eSn	23	04.00	
VLS	2.27	182	ePn	22	32.60	1.3
SRS	2.30	72	ePn	22	31.30	-0.3
			eSn	23	02.10	
BDV	2.31	323	ePn	22	33.00	1.3
PAIG	2.35	102	ePn	22	32.10	-0.2
			eSn	23	00.20	
HCY	2.59	321	ePn	22	37.00	1.3
			eSn	23	12.00	
BEO	4.37	358	e(Pn)	23	16.30	15.3X
CEY	7.00	321	e(Pn)	23	36.70	-1.4
			eSn	24	58.50	
TRI	7.30	318	eP	23	40.20	-2.1
			e	25	03.00	
VOY	7.46	321	ePn	23	43.00	-1.7
			eSn	25	07.90	
KBA	8.49	324	iP	23	58.50	-0.6
CTI	8.65	313	ePn	23	59.00	-2.3
			e(Sn)	25	34.00	
S.D. = 1.5 on 20 of 23 obs.						

• FEB 21, 1985 11h 32m 37.83± 0.78s
41.429 N ±17.8km 20.374 E ±13.4km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.7 (TTG).

OHR	0.45	135	iPgc	32	46.90	-0.1
			iSg	32	54.40	
ULC	1.00	303	ePg	32	56.00	-0.7
			eSg	33	12.00	
TTG	1.30	321	ePg	33	01.00	-0.9
			iSg	33	21.00	
BDV	1.44	307	ePn	33	04.00	0.1
			eSn	33	27.00	
VAY	1.66	93	iPn	33	07.00	0.0
			iSn	33	29.00	
HCY	1.73	307	ePn	33	09.00	0.9
			eSn	33	35.00	
BRY	2.00	318	ePn	33	13.60	1.4
			iSn	33	43.00	
VOY	6.57	317	ePn	34	16.30	-0.7
			eSn	35	31.70	
S.D. = 0.9 on 8 of 8 obs.						

FEB 21, 1985 12h 06m 44.18± 0.89s
24.107 N ± 9.8km 121.313 E ±10.7km
DEPTH = 87.0 ± 10.4 km
4.2mb (1 obs.)
TAIWAN (244)

TWD	0.26	96	iPc	06	55.30	-1.9
TWO	0.47	291	iPd	06	59.30	0.7
TWC	0.70	44	iP	07	00.00	-0.6
			eS	07	11.00	
TWZ	1.02	14	iPd	07	05.00	0.9
ANP	1.09	10	eP	07	06.00	0.9
TWK	1.13	222	iP	07	07.00	1.5
OZH	2.61	289	iPd	07	25.80	0.6
			S	07	54.80	
SSE	6.96	359	e(P)	08	31.50	6.1X
			i	09	42.50	
			eLg	10	05.50	
GZH	7.38	264	eP	08	29.00	-2.2
			S	09	48.20	
NJ2	8.21	345	eP	08	42.00	-0.5
			eS	10	09.50	
WHN	8.91	318	iPc	08	52.00	-0.1
CD2	16.97	297	P	10	39.20	1.6X
GBA	42.66	264	Pc	14	45.20	11.2X
	1.0s		5.40nm			
WRA	45.59	163	P	14	58.00	0.6
	0.7s		2.40nm		4.2mb	

S.D. = 1.4 on 11 of 14 obs.

* FEB 21, 1985 12h 29m 23.50± 0.86s
5.709 S ±15.5km 151.864 E ± 9.7km
DEPTH = 30.7 ± 13.1 km
3.9mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	1.54	11	iPc	29	49.00	-0.1
	0.4s		644.07nm			
BGA	3.33	98	iPd	30	15.40	0.6
			eS	30	53.00	
PAA	3.66	99	eP	30	19.00	-0.4
			eS	31	03.00	
LMG	4.87	229	eP	30	36.00	-0.6
PMG	5.94	232	eP	30	53.00	1.3
WB2	22.14	229	eP	34	18.20	-0.2
WRA	22.15	229	Pc	34	17.00	-1.5
	0.7s		3.09nm		3.9mb	
KNA	24.76	244	eP	34	45.00	1.0

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

* FEB 21, 1985 12h 40m 02.57± 1.49s
28.323 N ±26.7km 96.036 E ± 9.3km
DEPTH = 33.0km (normal)
5.4mb (2 obs.)
INDIA-CHINA BORDER REGION (313)

SHL	4.61	234	iP	41	11.40	-0.6
KMI	6.79	116	eP	41	42.50	-0.2
PKI	9.43	268	eP	42	19.10	-0.4
	0.3s		3.00nm		5.0mb	
KKN	9.52	269	eP	42	20.50	-0.1
DMN	9.69	268	eP	42	23.30	0.3
	0.6s		36.00nm		5.8mb	
GBA	22.67	234	Pd	45	03.30	1.0
	0.6s		2.00nm		3.8mb X	

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

% FEB 21, 1985 12h 44m 30.68± 0.74s
40.267 N ± 6.4km 23.468 E ± 6.4km
DEPTH = 10.0km (geophysicist)
GREECE (364)

PAIG	0.38	154	iPgd	44	38.30	-0.1
			eSg	44	44.20	
OUR	0.40	80	ePgd	44	38.90	0.1
			eSg	44	44.80	
SOH	0.56	351	ePgc	44	41.00	-1.1
			eSg	44	50.30	
LIT	0.77	258	ePg	44	45.70	0.0
SRS	0.85	6	ePg	44	47.90	0.7
GRG	1.07	311	ePg	44	51.10	0.3
			eSg	45	07.80	

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

? FEB 21, 1985 13h 07m 10.74± 9.39s
43.798 N ±40.6km 17.101 W ±71.9km
DEPTH = 33.0km (normal)

NORTH ATLANTIC OCEAN (402)

STS	6.30	95	eP	08	44.00	0.2
			eS	09	46.00	
ECB	11.00	35	iPc	09	48.60	-0.1
ECP	11.04	37	iPc	09	49.10	-0.1
ETA	11.48	35	eP	09	55.30	0.1
LPF	11.96	64	Pn	10	03.20	1.4
			Sn	11	58.50	
GRR	12.17	62	Pn	10	03.80	-0.8
			Sn	12	03.80	
MFF	12.29	71	Pn	10	04.80	-1.4
			Sn	12	06.80	
FLN	12.52	61	Pn	10	09.40	0.2
			Sn	12	12.40	
LDF	12.70	62	Pn	10	12.00	0.3
LFF	12.82	79	Pn	10	13.20	0.0
			Sn	12	21.10	
LPO	13.15	80	Pn	10	17.70	0.1
CAF	13.76	79	Pn	10	25.50	-0.2
			Sn	12	43.60	
TCF	13.88	73	Pn	10	27.60	0.3
			Sn	12	44.50	
BGF	14.34	72	Pn	10	36.30	3.1X
			Sn	12	53.80	
DOU	16.07	59	P	11	05.20	9.5X

S.D. = 0.7 on 13 of 15 obs.

FEB 21, 1985 14h 45m 14.16± 1.31s
33.448 S ±11.2km 71.580 W ±16.2km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

RFA	2.90	118	ePc	46	02.80	3.7X
			S	46	55.90	
ZON	3.10	53	eP	46	07.00	5.1X
CFA	3.37	58	ePc	46	07.30	1.6
			S	46	56.60	
VCA	5.51	33	ePc	46	34.50	-1.8
			S	46	43.90	
			e	46	54.50	
			e	47	18.50	
			S	47	52.00	
			e	47	57.00	
			e	48	05.30	
			e	48	13.00	
			e	48	30.70	
TCA	6.27	72	ePc	46	46.00	-0.9
			i	46	49.00	
			S	48	05.00	
CYA	7.04	46	e(P)	46	53.80	-3.8X
			S	48	27.00	
VBA	9.06	123	eP	47	26.20	0.6
SLA	10.19	33	e(P)	47	42.00	0.7
TPZ	12.20	13	(P)	48	24.00	15.1X
CNCB	16.88	12	P	49	10.00	-0.1
LPB	17.13	11	P	49	14.00	0.8
			LR	55	24.00	
VAO	24.00	71	e(P)	50	26.00	-0.9
ITR	39.20	59	eP	52	37.10	-4.0X
CLL	112.18	42	e(Pdif	59	52.00	0.8
GBA	145.60	118	PKPd	04	49.20	-2.0
	0.7s		5.30nm			
HYB	148.81	113	ePKP	04	57.50	1.2

S.D. = 1.3 on 11 of 16 obs.

FEB 21, 1985 16h 25m 56.32± 1.49s
0.272 N ± 8.9km 97.993 E ± 8.5km
DEPTH = 45.0 ± 12.0 km
4.8mb (14 obs.) 4.5Msz (1 obs.)
NORTHERN SUMATERA (706)

PPI	2.51	107	eP	26	36.80	1.2
			iS	26	54.50	
PSI	2.58	21	ePc	26	37.50	0.9
			e(S)	26	52.50	
TSI	3.26	10	ePd	26	42.50	-3.7X
KLM	4.61	52	ePd	27	07.00	1.7
			e	28	06.00	
IPM	5.24	35	iPc	27	14.90	0.7
	0.9s		122.10nm		5.2mb	
			i	28	16.00	
			e	29	07.70	
KGM	5.60	72	ePc	27	20.40	1.1
			e	28	56.00	
			e	29	50.20	
BSI	5.84	333	iPd	27	21 50	-1.2
			iS	28	23.50	
SNG	7.34	21	iPn	27	42.00	-1.7
			iPg	27	52.00	
			iSg	29	25.50	
NNT	12.36	8	eP	28	50.50	-1.9
KHT	14.43	2	eP	29	25.60	5.9X
BDT	16.89	3	eP	29	49.50	-1.7
LOE	17.42	12	eP	29	56.00	-1.8
CHG	18.45	3	eP	30	09.50	-1.1
KKM	19.07	72	ePd	30	18.80	0.7
KOD	22.69	297	eP	31	04.00	8.4X
PPR	22.69	65	eP	30	54.00	-1.3
GBA	24.29	304	Pc	31	11.80	1.8
	1.0s		9.20nm		4 3mb	
KMI	25.13	10	Pc+	31	20.00	0.9
N	16s		5.70um			
			pP	31	29.50	34kmX
			S	35	42.00	
HYB	25.62	313	eP	31	23.00	-0.5
SHL	25.83	347	iP	31	25.50	-0.1
HKC	26.98	35	eP	31	40.00	4.1X
			eS	36	40.00	
GYA	27.34	17	eP	31	40.00	0.6
BAG	27.44	53	eP	31	38.80	-1.6
DAV	28.33	76	eP	31	53.00	4.7X
PKI	29.71	337	eP	32	01.60	0.7
	0.6s		11.00nm		4.8mb	
DMN	29.86	337	eP	32	03.10	0.9
	0.6s		13.00nm		4.8mb	
KKN	29.96	337	eP	32	03.70	0.7
	0.8s		11.00nm		4.7mb	
CD2	30.96	10	P	32	11.30	-0.3
NDI	34.54	327	eP	32	44.50	1.8
XAN	35.12	16	iPc	32	46.80	-0.9
LZH	36.05	8	Pc	32	56.00	0.4
E	14s		1.30um			
GTA	38.99	2	P	33	20.80	0.6
TIY	39.57	18	eP	33	25.60	0.6
WRA	40.88	122	P	33	34.00	-2.0
	0.5s		3.40nm		4.3mb	
WB2	40.89	122	iPc	33	34.20	-1.8
BTO	41.60	14	eP	33	44.00	2.3
BJI	42.91	21	eP	33	53.50	1.2
WMQ	44.32	349	Pc	34	04.20	0.4
SNY	47.37	26	eP	34	27.20	-0.7
CN2	49.78	26	Pc	34	45.40	-1.1
			pP	34	52.40	23kmX
MAT	51.85	41	(P)	35	10.00	7.6X
			eS	42	55.00	
STK	52.15	132	eP	35	05.00	0.3
HLW	69.72	302	eP	37	02.00	-2.0
BUL	70.77	249	eP	37	10.00	-0.8
MLR	77.28	317	eP	37	48.00	0.0
BNG	79.46	274	iPd	38	09.40	9.0X
	1.0s		20.00nm		5.0mb	
			i	38	10.20	
OHR	80.18	312	eP	38	01.30	-2.5
KJF	81.26	335	eP	38	09.00	0.1
SUF	81.50	334	eP	38	10.00	-0.1
NUR	81.61	331	eP	38	12.00	1.3
Z	20s		0.20um		4.5Msz	
			LR	19	10.00	
SOD	82.65	338	iP	38	16.90	0.9
			i	38	25.00	
SRO	82.86	318	eP	38	28.00	10.5X
ZST	83.72	316	e(P)	38	32.00	10.1X
LJU	85.25	316	e(P)	38	38.30	8.6X
PRU	85.57	320	ePc	38	41.00	9.9X
VOY	85.70	316	eP	38	40.00	8.0X
KHC	86.13	319	eP	38	36.50	2.5
HFS	86.92	330	eP	38	37.80	0.3
	0.8s		3.50nm		4.6mb	
Z	16s		0.28um		4.8MszX	
			LR	17	54.00	
NB2	88.20	331	P	38	45.10	1.4
	0.8s		1.40nm		4.3mb	
FRF	90.79	313	eP	39	06.40	10.2X
	1.3s		18.80nm			
HAU	90.90	318	iPc	39	06.50	9.8X
	1.0s		8.00nm		5.1mb	
WLF	90.99	319	P	39	08.80	11.8X
LRG	91.00	313	iPc	39	06.70	9.5X
	1.2s		14.80nm		5.3mb	
MEM	91.06	320	P	39	07.40	10.2X
DOU	91.98	320	P	39	11.70	10.2X
LBF	92.55	317	iPc	39	14.30	10.0X
	1.1s		9.00nm		5.1mb	

21d 16h

LOR 92.62 317 eP 39 14.60 10.0X
0.9s 6.50nm
SMF 92.66 317 iPc 39 14.50 9.7X
1.0s 8.00nm 5.1mb
SSF 92.87 317 eP 39 16.20 10.5X
AVF 92.99 317 eP 39 16.20 9.9X
1.1s 3.50nm 4.7mb
BGF 93.35 316 iPc 39 18.30 10.3X
1.0s 8.10nm
MZF 93.56 316 eP 39 19.50 10.6X
JCT 145.05 27 ePKP 45 31.00 -0.1
1.0s 17.50nm
S.D. = 1.3 on 48 of 73 obs.

FEB 21, 1985 18h 00m 34.29± 0.47s
44.356 N ± 3.5km 7.444 E ± 5.1km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 3.3 (LDG).

FRF 0.98 216 Pg 00 53.10 0.2
Sg 01 06.30
LRG 1.19 221 Pg 00 56.90 0.4
Sg 01 12.70
LMR 1.23 214 Pg 00 57.40 0.3
Sg 01 13.40
DIX 1.73 359 eP 01 04.50 -0.3
MMY 1.74 12 eP 01 04.80 -0.1
EMS 1.75 348 eP 01 06.40 1.3
CVF 2.07 149 Pn 01 08.70 -0.8
Sn 01 33.40
OSS 3.01 38 eP 01 23.80 0.8
SMF 3.41 313 Pn 01 28.60 -0.1
Sn 02 08.50
LBF 3.58 318 Pn 01 31.40 0.4
Sn 02 13.30
HAU 3.73 349 Pn 01 31.80 -1.4
Sn 02 14.40
AVF 3.77 312 Pn 01 33.30 -0.3
LOR 3.84 321 Pn 01 34.90 0.1
Sn 02 18.90
CAF 3.88 280 Pn 01 35.00 -0.3
Sn 02 19.20
MZF 3.90 300 Pn 01 35.60 0.0
BGF 3.91 305 Pn 01 35.50 -0.2
Sn 02 20.20
TCF 4.17 299 Pn 01 39.40 0.1
LSF 4.58 296 Pn 01 45.10 -0.1
S.D. = 0.6 on 18 of 18 obs.

FEB 21, 1985 18h 53m 11.11± 1.59s
33.205 S ± 7.8km 71.768 W ±10.8km
DEPTH = 55.9 ± 12.1 km
4.8mb (10 obs.) 5.2Msz (6 obs.)
NEAR COAST OF CENTRAL CHILE (135)
Felt (VI) at Valparaiso, (V) at Quilpue, (IV) at Algorrobo and (III) at Santiago and San Antonio.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 19C
Centroid Location:
Origin Time 18:53:14.6 0.3
Lat 33.37S 0.03 Lon 72.10W 0.04
Dep 32.9 2.1 Half-duration 2.5
Moment Tensor; Scale 10**24 D-CM
Mrr= 2.69 0.09 Mtt= 0.87 0.11
Mff=-3.56 0.15 Mrt= 0.29 0.13
Mrf=-2.47 0.21 Mtf=-6.50 0.09
Principal Axes:
T Val= 3.88 Plg=63 Azm= 45
N 0.54 18 176
P -4.43 19 272
Best Double Couple:Mo=4.1*10**24
NP1:Strike= 29 Dip=31 Slip= 127
NP2: 167 66 70

MDZ 2.47 83 iP 53 51.00 1.2
iS 54 30.00
RTCV 3.04 65 ePd 54 00.80 2.9X
RTCB 3.04 56 ePc 54 00.00 2.1X
ZON 3.09 58 iPc 54 00.80 2.2X
RFA 3.16 121 ePc 53 59.30 -0.3
RTLL 3.36 57 ePc 54 03.80 1.4
CFA 3.38 63 ePc 54 04.00 1.3
S 54 51.30

VCA 5.40 35 ePd 54 30.80 -0.4
e 54 34.00
e 54 39.00
S 55 42.40
e 55 55.60
TCA 6.36 75 ePc 54 42.80 -1.7
CYA 6.99 49 e(P) 54 50.00 -3.3X
FSA 8.68 37 ePd 55 13.00 -3.6X
(S) 57 08.00
VBA 9.32 124 iPd 55 23.70 -1.8
ANT 9.54 8 e(P) 55 39.50 11.1X
eS 57 19.00
SLA 10.07 35 eP 55 29.80 -6.1X
YJA 12.31 28 eP 56 07.00 0.7
ARE 16.67 1 eP 57 03.00 0.2
VAO 24.07 71 eP 58 22.90 0.6
e 58 56.70
RDJ 27.13 75 iP+ 58 50.00 -0.8
BAO 27.72 57 e(P) 58 55.00 -1.4
PSO 34.61 350 eP 00 00.00 2.6X
ATB 34.93 36 Pd 59 58.00 -1.6
SOB1 37.15 57 eP 00 17.60 -0.8
BOG 37.68 356 eP 00 25.00 1.8
eS 06 14.00
CHN 38.14 354 eP 00 28.00 1.2
ITR 39.21 59 eP 00 34.00 -1.7
SDV 41.87 2 eP 00 57.30 -0.4
UPA 42.60 349 (P) 01 02.00 -1.4
Z 18s 1.10um 4.8Msz
N 18s 1.31um
E 18s 0.93um
e 07 27.00
e 10 36.00
TOV 42.79 3 eP 01 10.00 5.0X
CAR 43.71 7 eP 01 02.00 -10.6X
SPA 56.97 180 eP 02 52.70 -0.4
1.0s 14.00nm 5.0mb
PRM 67.67 351 P 04 01.60 -2.7X
JCT 68.67 334 eP 04 09.00 -1.6
1.0s 25.00nm 5.1mb
Z 20s 0.71um 4.9Msz
LTX 69.15 330 eP 04 14.00 0.3
e 04 31.00
ELC 71.99 345 P 04 30.00 -0.6
TUL 72.34 340 eP 04 31.50 -1.2
1.3s 25.70nm 5.0mb
Z 18s 0.47um 4.8Msz
N 19s 0.49um
E 23s 0.25um
eS 13 53.00
RLO 72.36 340 eP 04 31.70 -1.1
FVM 72.92 345 eP 04 35.00 -1.1
1.0s 15.00nm 4.9mb
KIC 74.62 72 eP 04 46.80 0.4
ALQ 75.19 331 eP 04 49.00 -0.5
1.1s 12.34nm 4.7mb
Z 18s 2.23um 5.5Msz
GLD 78.92 334 e(P) 05 13.00 2.8X
GOL 78.93 334 eP 05 10.50 0.2
1.0s 3.00nm 4.2mb
BLF 80.66 119 eP 05 20.50 0.7
SEK 82.15 119 eP 05 27.60 0.0
BFS 82.30 117 eP 05 28.40 0.0
RSSD 82.39 337 iP 05 21.30 -7.1X
LHC 82.75 348 eP 05 29.00 -0.9
KSR 82.95 116 eP 05 31.50 -0.3
EUR 83.11 327 iP 05 33.50 1.2
0.8s 3.24nm 4.4mb
BDW 83.17 333 eP 05 34.60 2.1
1.0s 2.20nm 4.1mb
JAS1 84.01 323 eP 05 39.20 2.6X
SLR 84.06 117 eP 05 37.50 0.1
EVA 84.23 118 eP 05 39.00 0.7
BMN 84.44 327 eP 05 40.00 1.1
RSON 85.91 346 eP 05 45.30 -0.5
0.8s 3.52nm 4.6mb
LRM 86.85 333 eP 05 50.50 -0.3
BUL 87.44 112 iPd 05 56.00 1.8
SCH 87.77 3 eP 05 55.00 0.4
SES 90.19 336 eP 06 06.00 -0.3
MTD 91.67 111 eP 06 16.00 2.0
BNG 92.66 86 iPd 06 19.30 0.8
1.0s 10.00nm 5.2mb
i 07 46.00
TOL 95.94 46 eP 06 37.00 4.1X
eS 17 26.00
ePS 19 18.00

eSS 24 25.00
NUR 121.33 35 ePKP 11 44.00 -14.7X
Z 20s 1.30um 5.6Msz
NUR 121.33 35 ePKP 11 58.00 -0.7
Z 20s 1.30um 5.6Msz
ePP 13 44.00
ePS 23 24.00
LR 04 40.00
WRA 121.56 209 PKPd 11 57.80 -2.6
0.8s 1.40nm
SUF 122.48 33 ePKP 12 00.00 -0.8
KJF 123.40 31 ePKP 12 04.00 1.5
ePS 23 50.00
MHI 140.17 71 ePKP 12 35.00 -0.4
QUE 144.91 84 ePKP 12 44.00 0.1
GBA 145.86 118 PKPd 12 43.80 -1.8
1.2s 47.50nm
POO 145.96 107 ePKP 12 45.50 -0.3
PSI 148.42 162 iPKPc 12 53.50 3.7X
1.2s 57.90nm
KGM 148.63 171 ePKPc 12 54.20 4.0X
HYB 149.05 113 ePKP 12 55.00 4.3X
1.0s 20.00nm
IPM 150.74 165 ePKPc 12 59.40 6.0X
NNT 158.06 157 e(PKP)13 01.80 -1.4
DMN 159.31 100 ePKP 13 05.50 0.9
KKN 159.51 99 ePKP 13 05.50 0.7
0.8s 4.00nm
PKI 159.54 100 ePKP 13 05.60 0.6
1.0s 4.00nm
WMQ 160.80 51 ePKP 13 07.50 2.0
SHL 163.86 114 ePKP 13 11.00 1.8
GTA 170.81 45 ePKP 13 15.20 1.5
i 14 33.60
S.D. = 1.2 on 61 of 81 obs.

• FEB 21, 1985 19h 03m 37.36± 0.88s
33.312 S ± 9.3km 72.054 W ±10.1km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

PEL 1.16 82 iPd 03 56.70 -0.7
MDZ 2.72 82 iP 04 31.90 12.1X
iS 05 00.10
RTCB 3.30 57 eP 04 29.00 1.0
S 05 12.00
RTCV 3.30 65 eP 04 31.00 3.0X
S 05 13.00
RFA 3.32 117 ePc 04 28.90 0.7
S 05 21.70
RTLL 3.62 58 eP 04 34.40 1.9
S 05 25.00
CFA 3.65 63 ePc 04 33.00 0.1
S 05 23.00
VCA 5.63 37 ePd 04 59.60 -1.5
e 05 07.00
e 05 34.00
S 06 14.20
e 06 19.90
e 06 29.20
e 06 44.00
TCA 6.62 75 ePd 05 13.60 -1.3
i 05 15.20
S 06 32.00
FSA 8.91 38 e(P) 05 42.00 -4.8X
TPZ 12.17 15 Pc 06 52.70 21.1X
ARE 16.79 2 eP 07 34.00 2.1
CNCB 16.84 14 P 07 33.00 0.2
LPB 17.08 13 eP 07 35.00 -0.7
SPA 56.87 180 e(P) 13 22.00 0.9
KIC 74.88 72 eP 15 15.50 -1.4
ALQ 75.17 331 e(P) 15 17.00 -1.4
MBC 113.25 349 ePdiff18 40.00 21.4X
KRA 115.89 46 ePdiff18 42.00 11.1X
QUE 145.16 84 ePKP 23 13.50 0.0
GBA 146.02 118 PKPd 23 15.20 0.1
0.9s 11.50nm
HYB 149.22 114 ePKPd 23 24.00 3.8X
1.0s 25.00nm
S.D. = 1.3 on 15 of 22 obs.

FEB 21, 1985 19h 23m 48.59± 0.34s
33.276 S ± 6.0km 71.993 W ± 5.3km
DEPTH = 33.0km (normal)
4.9mb (12 obs.)
NEAR COAST OF CENTRAL CHILE (135)

MDZ	2.67	82	iP	24	30.20	0.0
			iS	25	10.10	
RTCB	3.24	57	eP	24	40.20	1.8
RTCV	3.24	65	ePc	24	40.20	1.8
RFA	3.29	118	iPc	24	40.60	1.6
RTLL	3.56	58	ePc	24	44.00	1.1
CFA	3.58	63	e(P)	24	44.30	1.1
			S	25	34.50	
VCA	5.57	37	ePd	25	11.70	0.2
			e	25	18.60	
			S	26	24.00	
			e	26	40.00	
TCA	6.56	75	iPc	25	24.00	-1.3
			i	25	26.70	
			S	26	40.00	
VBA	9.44	123	ePd	26	03.30	-2.1
ANT	9.64	9	e(P)	26	21.00	13.0X
			eS	28	21.50	
SLA	10.24	35	e(P)	26	12.00	-4.5X
			S	28	40.00	
YJA	12.46	29	ePd	26	47.00	0.1
ARE	16.75	2	eP	27	44.00	1.4
CNCB	16.79	13	P	27	43.50	0.1
LPB	17.04	13	eP	27	45.00	-1.4
	1.5s	194.44nm			5.0mb	
			LR	33	27.00	
VAO	24.27	71	eP	29	02.50	-1.4
ATB	35.10	36	Pd	30	38.50	-2.4
ITR	39.41	59	eP	31	14.80	-2.4
			e	31	47.00	
SDV	41.95	2	eP	31	36.90	-1.3
TOV	42.87	3	eP	31	50.00	4.4X
SPA	56.90	180	eP	33	33.20	0.6
	1.0s	19.00nm			5.1mb	
JCT	68.65	334	eP	34	50.00	-0.7
	1.1s	22.15nm			5.2mb	
LTX	69.12	331	iP	34	54.00	0.3
ELC	72.01	346	P	35	09.50	-1.4
TUL	72.34	340	eP	35	11.90	-1.0
	1.4s	44.60nm			5.3mb	
RLO	72.36	341	eP	35	12.20	-0.8
FVM	72.94	345	iP	35	15.80	-0.6
	1.1s	24.39nm			5.1mb	
KIC	74.82	72	iP	35	27.00	-0.8
ALQ	75.16	331	eP	35	29.30	-0.3
	1.2s	12.50nm			4.8mb	
RMU	78.87	329	eP	35	52.00	1.9
GOL	78.91	334	eP	35	51.00	0.6
	1.0s	4.00nm			4.4mb	
RSSD	B2.38	337	eP	36	08.80	0.2
BFS	82.44	117	eP	36	09.00	-0.4
EUR	83.07	327	iP	36	14.00	1.7
	1.0s	7.31nm			4.7mb	
KSR	83.09	116	eP	36	12.20	-0.6
BDW	83.15	333	eP	36	12.80	0.2
	1.0s	3.00nm			4.4mb	
SLR	84.20	117	iPc	36	18.20	-0.2
EVA	84.36	118	eP	36	19.70	0.5
BMN	84.40	327	eP	36	20.00	1.1
	1.0s	2.00nm			4.2mb	
RSON	85.94	346	iP	36	26.30	0.2
	0.9s	5.88nm			4.8mb	
LRM	86.83	333	eP	36	31.30	0.4
BUL	87.59	112	iPd	36	35.00	-0.2
			i	37	17.00	
SCH	87.85	3	eP	36	36.00	0.7
SES	90.18	336	eP	36	46.00	-0.5
BNG	92.86	87	iPd	37	00.20	0.5
	1.0s	15.00nm			5.4mb	
			i	37	07.80	
EDM	93.34	337	ePd	37	00.00	-1.0
NUR	121.50	35	ePKP	42	39.00	-0.4
SUF	122.64	33	iPKP	42	41.10	-0.4
	0.5s	1.80nm				
MHI	140.37	72	ePKP	43	17.00	0.8
QUE	145.10	84	ePKP	43	25.00	0.3
GBA	145.99	118	PKPc	43	26.60	0.4
	0.7s	21.30nm				
POO	146.12	107	ePKP	43	26.00	-0.5
PSI	148.41	162	iPKPc	43	33.50	3.3X
	0.9s	28.70nm				
KGM	148.59	171	ePKPd	43	34.80	4.3X
HYB	149.19	114	ePKPc	43	36.00	4.6X
	1.2s	35.70nm				
IPM	150.72	166	ePKPd	43	39.90	6.1X
			e	44	11.00	
DMN	159.48	100	PKP	43	46.10	0.8
	1.2s	17.00nm				
KKN	159.69	100	PKP	43	46.20	0.7
	1.0s	12.00nm				
PKI	159.72	100	PKP	43	46.20	0.6
	1.3s	18.00nm				

S.D. = 1.1 on 52 of 59 obs.

% FEB 21, 1985 20h 54m 03.38± 1.54s
31.503 S ± 9.8km 68.711 W ±17.3km
DEPTH = 108.7 ± 14.6 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.08	283	ePd	54	19.00	0.0
			S	54	30.00	
RTLL	0.27	50	iPd	54	18.90	-0.5
CFA	0.42	105	iPc	54	20.30	0.5
			S	54	32.20	
VCA	2.79	9	ePc	54	47.50	0.1
			S	55	20.50	
RFA	3.26	176	ePc	54	53.70	0.0
TCA	3.53	88	ePd	54	57.20	-0.1
			S	55	37.60	

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

FEB 21, 1985 21h 52m 57.41± 0.19s
20.497 S ± 4.5km 70.340 W ± 5.0km
DEPTH = 33.0km (normal)
5.4mb (48 obs.) 5.2Msz (8 obs.)
NEAR COAST OF NORTHERN CHILE (122)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 23C
Centroid Location:
Origin Time 21:53: 2.1 0.2
Lat 20.79S 0.05 Lon 71.01W 0.03
Dep 15.0 2.1 Half-duration 2.6
Moment Tensor; Scale 10**24 D-CM
Mrr= 2.37 0.08 Mtt= 0.63 0.11
Mff=-3.00 0.10 Mrt= 0.71 0.21
Mrf=-1.76 0.36 Mtf= 0.32 0.11
Principal Axes:

	Val=	Plg=	Azm=
T	3.05	69	47
N	0.54	11	169
P	-3.58	17	263

Best Double Couple:Mo=3.3*10**24
NP1:Strike= 10 Dip=30 Slip= 114
NP2: 163 63 77

TPZ	1.80	123	iP	54	10.00	43.0X
ANT	3.19	181	iPn	53	40.30	-6.1X
			iPg	53	45.80	
			i(S)	54	24.00	
ARE	4.16	345	iPd	54	02.00	1.5
CNCB	4.30	32	P	54	09.00	6.3X
LPB	4.48	29	Pc+	54	11.00	5.8X
			iS	55	14.00	
			LR	55	39.00	
YJA	4.81	111	ePc	54	15.40	5.6X
SLA	6.15	134	ePd	54	28.60	0.1
			S	55	47.00	
FSA	6.84	145	e(P)	54	38.00	0.1
VCA	8.43	167	ePd	55	05.00	4.6X
			e	55	11.00	
			S	56	20.00	
			e	56	47.00	
ZON	11.10	173	eP	55	39.00	2.0
CFA	11.22	171	ePc	55	33.60	-5.0X
TCA	11.97	156	e(P)	55	49.00	0.3
MDZ	12.41	174	iP	55	56.90	2.3X
RFA	14.32	174	ePd	56	13.00	-6.8X
ITB1	15.30	109	e(P)	56	33.90	1.2
VBA	18.94	159	ePd	57	12.00	-6.3X
BAO	21.78	81	Pc	57	49.00	0.4
VAO	21.85	101	eP	57	46.30	-2.9X
			e	57	47.40	
			e	57	51.90	
			e	58	07.60	
			e	58	13.50	
PSO	22.61	342	eP	58	00.00	2.8X
ATB	24.58	48	Pd	58	15.70	-0.1
BOG	25.23	351	iP	58	26.00	3.6X
			eS	02	51.00	
RDJ	25.30	100	iP+	58	21.60	-1.0
CHN	25.83	348	iP	58	30.00	2.2
BMG	27.53	354	eP	58	42.00	-1.3
GUV	29.02	15	iPc	58	57.30	0.7
SDV	29.20	359	eP	58	58.20	-0.3
TOV	30.10	1	iPd	59	06.60	0.2
	0.6s	70.50nm			5.6mb	
SOB1	30.53	73	iPd	59	09.80	-0.5
UPA	30.66	342	(P)	59	09.00	-2.2
Z	19s	3.33um			5.0Msz	
N	19s	2.95um				
E	19s	1.32um				
			e	04	05.00	
			e	04	18.00	
			e	11	16.00	
CAR	30.99	7	iPc	59	14.50	0.2
	1.1s	182.28nm			5.8mb	
ITR	32.94	74	eP	59	29.80	-1.5
SJG	38.59	6	iPc	00	18.30	-0.9
VHO	45.57	323	eP	01	17.50	1.6
TPM	48.29	322	eP	01	39.50	1.7
PRM	55.47	348	eP	02	31.00	-0.3
HKT	55.84	333	eP	02	33.50	-0.5
ATX	57.04	332	P	02	42.30	-0.3
NSLM	57.26	335	eP	02	45.00	0.9
JCT	58.06	330	iP	02	49.50	-0.4
	1.1s	16.46nm			5.0mb	
Z	20s	0.53um			4.7Msz	
NA2	58.72	353	P	02	54.00	-0.2
LTX	59.05	326	iP	02	56.90	0.1
ELC	60.17	343	P	03	02.40	-1.8
RLO	61.00	337	iP	03	09.00	-1.0
TUL	61.06	337	iPd	03	10.00	-0.3
	1.4s	168.90nm			6.0mb	
Z	22s	0.77um			4.8Msz	
N	23s	0.48um				
E	23s	0.26um				
			eS	11	28.00	
FVM	61.16	342	iP	03	10.00	-1.0
	1.1s	48.78nm			5.5mb	
OCO	61.37	335	eP	03	11.70	-0.8
WVLY	63.11	353	P	03	24.00	0.0
SKLY	64.24	357	P	03	31.30	0.0
RSNY	64.84	357	iP	03	35.80	0.6
	1.0s	40.00nm			5.5mb	
ALQ	64.93	328	eP	03	34.70	-1.6
	1.5s	42.36nm			5.3mb	
Z	18s	0.94um			5.0Msz	
MNT	65.75	357	eP	03	41.00	0.0
GLD	66.21	332	eP	03	57.50	0.5
	1.0s	40.00nm			5.5mb	
GOL	68.24	332	eP	03	57.00	-0.3
	1.0s	15.00nm			5.0mb	
RMU	68.90	326	iP	04	02.20	0.9
BAR	68.97	319	eP	04	01.00	-0.7
STJ	69.58	13	eP	04	04.50	-0.5
TPC	69.58	321	eP	04	06.00	0.6
SPA	69.63	180	iPc	04	03.60	-1.8
	1.1s	94.64nm			5.8mb	
KIC	69.72	75	iPc	04	05.30	-1.3
MSU	70.60	326	P	04	12.60	0.8
LHC	70.66	347	eP	04	10.00	-1.6
GSC	70.86	321	eP	04	13.00	-0.2
MWC	70.87	320	eP	04	13.00	-0.4
PAS	70.89	319	eP	04	07.00	-6.3X
SBB	71.04	320	eP	04	14.00	-0.3
RSSD	71.32	335	iP	04	16.60	0.6
	0.8s	3.52nm			4.5mb	
DAU	71.57	328	P	04	18.00	0.3
CLC	71.68	321	eP	04	16.00	-2.1
ISA	72.09	320	eP	04	20.00	-0.6
WKTM	72.16	321	P	04	21.50	0.5
SYP	72.25	319	eP	04	12.00	-9.6X
CWC	72.39	321	eP	04	22.00	-0.5
BDW	72.59	331	iP	04	24.00	0.4
	1.0s	8.20nm			4.7mb	
			e	04	40.50	
EUR	73.33	325	iP	04	28.80	0.8
	1.0s	11.15nm			4.8mb	
PRI	73.74	320	eP	04	31.10	0.8
MNA	73.80	323	eP	04	31.20	0.5
RSON	73.97	345	iP	04	30.30	-0.8
	1.0s	17.50nm			5.0mb	
LLA	74.22	320	eP	04	33.60	0.7
PRS	74.29	319	eP	04	34.10	0.8
BMN	74.68	325	eP	04	36.00	0.3
	1.0s	4.75nm			4.4mb	
			e	04	52.00	
JAS1	74.77	321	eP	04	35.80	-0.3
SCH	75.07	2	ePc	04	37.00	-0.4
LRM	76.26	331	eP	04	35.40	-9.3X
ORV	76.48	322	eP	04	46.60	0.8

21d 22h

WDC	77.76	322	eP	04	51.30	-1.5
SES	79.20	335	ePc	05	00.80	0.2
	1.5s	222.00nm			5.9mb	
CLX	79.26	331	eP	05	02.00	0.8
LHD	79.49	331	iPc	05	04.00	1.7
LDM	79.53	331	iP-	05	03.20	0.8
FFC	79.66	342	ePc	05	02.10	-0.8
	1.3s	38.00nm			5.2mb	
RXF	79.75	332	iPc	05	05.80	2.2
YKM	80.01	331	iP-	05	02.30	-2.8
NEW	80.21	330	eP	05	06.00	0.0
PNT	82.12	330	eP	05	17.00	1.0
	0.9s	31.00nm			5.3mb	
EDM	82.29	336	iP	05	16.00	-0.8
PTO	83.85	42	eP	05	10.50	-14.5X
			eS	15	40.00	
FRB	83.98	1	ePc	05	25.00	0.0
MAL	84.26	47	iPd	05	29.00	1.8
BLF	85.69	119	iPd	05	34.30	-0.5
	0.5s	18.92nm			5.6mb	
TOL	86.12	45	Pd	05	37.50	1.1
	1.4s	4.00nm			4.5mb	
		ePP		08	55.00	
		eS		16	22.00	
VIR	86.61	119	iPd	05	39.00	-0.4
	0.8s	29.85nm			5.6mb	
BFS	86.97	117	iPd	05	40.60	-0.6
SEK	87.15	119	eP	05	40.50	-1.5
	0.9s	21.01nm			5.4mb	
LGR	88.42	43	iPd	05	50.00	2.5
SLR	88.65	117	iPc	05	47.60	-1.6
	0.9s	42.02nm			5.8mb	
EVA	89.02	118	eP	05	51.00	-0.1
	0.9s	53.78nm			5.9mb	
EBR	89.60	46	eP	05	53.00	-0.1
		e		16	34.00	
YKC	89.75	341	ePc	05	53.00	-0.3
	1.1s	50.00nm			5.7mb	
BNG	90.49	85	iPc	05	57.80	-0.1
	1.6s	78.00nm			5.8mb	
		i		06	05.50	
		i		09	29.50	
		i		09	37.00	
EPF	90.53	44	iPc	05	57.90	0.5
	1.2s	20.80nm			5.3mb	
BUL	91.03	112	iPc	06	01.00	0.6
		iPP		09	33.00	
LFF	91.67	42	eP	06	03.00	0.5
	1.1s	45.20nm			5.8mb	
LPO	91.84	43	eP	06	03.80	0.5
MFF	91.90	40	eP	06	03.50	0.0
	1.2s	20.20nm			5.4mb	
LPF	92.04	39	iPc	06	03.70	-0.4
	1.1s	15.30nm			5.3mb	
GRR	92.32	39	iPc	06	04.80	-0.6
	1.2s	30.80nm			5.6mb	
RJF	92.33	42	eP	06	05.60	0.0
	1.4s	39.90nm			5.7mb	
CAF	92.50	43	eP	06	06.60	0.2
	1.3s	25.20nm			5.5mb	
FLN	92.72	38	eP	06	06.80	-0.4
	1.4s	34.80nm			5.6mb	
LSF	92.76	41	eP	06	07.40	-0.1
	1.1s	13.50nm			5.3mb	
LDF	92.85	39	eP	06	07.60	-0.3
	1.0s	5.60nm			4.9mb	
TCF	93.20	41	eP	06	09.50	-0.1
	1.1s	8.70nm			5.1mb	
MZF	93.40	42	iPc	06	10.50	-0.0
	1.3s	18.00nm			5.3mb	
BGF	93.72	41	eP	06	11.80	-0.1
	1.2s	19.20nm			5.4mb	
AVF	94.13	41	eP	06	13.60	-0.2
	1.0s	5.00nm			4.9mb	
SSF	94.34	41	eP	06	14.20	-0.6
	0.9s	2.20nm			4.6mb	
SMF	94.37	42	iPc	06	14.80	-0.1
	1.0s	20.00nm			5.5mb	
EKA	94.47	32	Pd	06	15.30	0.2
	1.5s	92.00nm			6.0mb	
LBF	94.60	41	eP	06	15.50	-0.5
LOR	94.65	41	iPc	06	15.60	-0.6
	1.1s	3.40nm			4.7mb	
MTD	94.91	110	eP	06	19.00	0.8
DOU	96.28	39	P	06	24.30	0.7
	Z 22s	2.10um			5.6Msz	
HAU	96.49	41	eP	06	24.50	-0.1
BSF	96.69	41	eP	06	25.40	-0.3
WLF	97.03	40	P	06	27.50	0.6
CDF	97.22	41	eP	06	27.70	-0.3
ENN	97.33	38	eP	06	28.50	0.3
	1.0s	13.00nm			5.4mb	
WTS	98.32	38	eP	06	33.50	0.9
	1.0s	13.00nm			5.4mb	
INK	99.53	340	ePc	06	37.00	-0.9
GRF	100.10	41	ePdiff	06	42.40	1.4
	0.9s	7.00nm			5.2mb	
	Z 21s	0.80um			5.2Msz	
KHC	101.37	42	ePdiff	06	46.00	-0.7
CLL	101.70	40	ePdiff	06	48.00	0.0
BRG	102.13	40	ePdiff	06	50.30	0.3
	1.6s	19.00nm			5.5mb	
	Z 20s	2.00um			5.6Msz	
	N 20s	1.00um				
	E 20s	1.50um				
		e		11	00.40	
PRU	102.23	41	ePdiff	06	51.50	1.0
KRA	105.61	42	ePKP	11	27.30	8.6X
WB2	133.10	213	ePKP	12	10.20	-1.9
WRA	133.10	213	PKPd	12	09.30	-2.8
	1.2s	16.10nm				
MHI	133.65	59	iPKPc	12	12.80	0.0
		e		14	34.00	
QUE	140.41	67	e(PKP)	12	20.00	-5.7X
KSH	145.52	49	iPKPc	12	30.00	-4.2X
GUMO	145.70	264	e(PKP)	12	43.60	8.7X
POO	146.23	87	iPKP	12	35.00	-0.8
KOD	147.39	103	ePKP	12	40.00	1.9
GBA	148.48	97	PKPd	12	38.50	-0.9
	1.0s	67.60nm				
TSK	149.13	307	ePKP	12	44.40	4.5X
NDI	149.47	68	ePKP	12	40.50	-0.1
DDR	149.90	307	ePKP	12	46.40	5.2X
SRY	149.98	306	ePKP	12	46.50	5.3X
OYM	150.08	306	ePKP	12	46.40	5.0X
MAT	150.40	309	ePKP	12	47.00	5.2X
	Z 20s	1.95um			5.9Msz	
HYB	150.44	91	ePKPd	12	42.80	0.4
	1.0s	110.00nm				
		i		12	47.70	
MDJ	150.82	330	PKP	12	47.50	5.3X
DMN	156.51	68	PKP	12	51.20	0.2
	1.2s	21.00nm				
KKN	156.62	67	PKP	12	51.00	-0.1
	1.1s	29.00nm				
PKI	156.78	68	PKP	12	51.10	-0.3
	1.3s	29.00nm				
PPI	157.29	155	ePKP	12	51.20	-0.8
GTA	159.34	22	PKP	12	54.50	0.7
BJI	159.74	345	ePKP	12	55.00	1.0
BTO	159.96	359	PKP	12	56.10	1.7
SHL	162.88	70	iPKP	12	57.50	-0.3
TIA	163.03	339	PKP	12	58.50	1.1
LZH	163.65	17	ePKP	13	12.00	13.7X
XAN	166.49	3	PKP	13	01.20	0.6
CD2	168.35	26	PKP	13	03.50	1.5
CHG	169.77	98	ePKP	13	03.50	0.3
KMI	172.13	53	PKPc	13	04.00	-0.4
GYA	173.46	24	PKP	13	05.40	0.7
	S.D. = 1.0	on 149 of 177 obs.				

• FEB 21, 1985 22h 17m 56.94± 0.78s
33.404 S ± 9.1km 72.054 W ± 9.3km
DEPTH = 33.0km (normol)
4.8mb (2 obs.)
OFF COAST OF CENTRAL CHILE (134)

PEL	1.18	78	iPd	18	16.50	-0.7
			i(S)	18	35.00	
MDZ	2.74	80	iP	18	41.50	1.9
			iS	19	19.70	
RFA	3.27	116	iPc	18	48.40	1.2
			(S)	19	07.00	
RTCV	3.34	64	ePd	18	52.00	3.8X
			S	19	39.00	
RTCB	3.35	56	ePc	18	49.00	0.7
			S	19	32.50	
ZON	3.40	58	eP	18	50.00	1.0
RTLL	3.67	57	ePd	18	53.00	0.2
			S	19	45.20	
CFA	3.69	62	ePc	18	52.30	-0.7
			S	19	40.30	
VCA	5.70	36	ePd	19	20.00	-1.7
			e	19	27.00	
			e	19	38.50	
			e	19	50.70	
			S	20	33.00	
			e	20	38.20	
TCA	6.64	74	ePd	19	31.20	-3.6X
			i	19	34.90	
			S	20	50.00	
FSA	8.99	37	e(P)	20	10.50	3.1X
VBA	9.41	122	eP	20	11.40	-1.9
ANT	9.77	9	eP	20	30.50	12.3X
			e(S)	22	27.00	
SLA	10.37	35	eP	20	20.80	-5.8X
			S	22	24.00	
ARE	16.88	2	eP	21	54.00	1.4
BAO	28.03	57	e(P)	23	44.00	-3.4X
ITR	39.52	59	eP	25	22.70	-3.8X
SPA	56.77	180	eP	27	41.40	1.3
	1.0s	13.50nm			4.9mb	
		e		28	15.50	
KIC	74.91	72	eP	29	35.20	-1.4
ALQ	75.25	331	eP	29	38.50	0.1
	1.2s	7.81nm			4.6mb	
LHC	82.89	349	eP	30	18.00	-1.2
BUL	87.59	112	eP	30	43.00	-0.5
MTD	91.82	111	eP	30	43.00	-20.3X
GBA	145.98	118	PKPc	37	34.60	0.0
	0.7s	15.10nm				
POO	146.13	107	ePKP	37	35.30	0.5
HYB	149.19	114	ePKPc	37	44.00	4.3X
	1.0s	20.00nm				
IPM	150.61	166	ePKPd	37	47.20	5.2X
	S.D. = 1.3	on 17 of 27 obs.				

• FEB 21, 1985 22h 57m 11.58± 2.74s
39.890 N ±20.4km 24.332 E ±13.0km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

PAIG	0.50	274	iPgd	57	21.80	0.0
			eSg	57	29.50	
SOH	1.19	322	ePbd	57	34.10	0.2
			eSb	57	51.80	
THE	1.28	306	ePbd	57	35.30	0.0
SRS	1.35	336	ePb	57	35.90	-0.5
			eSb	57	56.40	
LIT	1.43	279	ePb	57	37.50	-0.1
KNT	1.68	320	ePn	57	41.40	0.3
			eSn	58	06.40	
MMB	1.76	345	iPd	57	41.00	-1.3
GRG	1.82	306	ePnc	57	43.30	0.1
KDZ	1.91	24	iPc	57	43.00	-1.5
VAY	1.96	317	iPn	57	49.40	4.2X
VTS	2.84	343	eP	57	58.00	0.3
PVL	3.31	11	eP	58	07.00	2.5
	S.D. = 1.2	on 11 of 12 obs.				

• FEB 22, 1985 00h 41m 21.53± 1.19s
5.241 S ±22.4km 152.115 E ± 8.4km
DEPTH = 33.0km (normol)
4.2mb (2 obs.)
NEW BRITAIN REGION (192)

BGA	3.18	107	eP	42	10.00	-0.5
			eS	42	45.00	
PAA	3.52	108	eP	42	16.00	0.7
			eS	42	56.00	
PMG	6.43	230	eP	42	57.50	1.1
WB2	22.63	228	eP	46	19.80	-1.3
WRA	22.64	228	Pc	46	21.00	-0.2
	0.7s	2.60nm			3.8mb	
KKN	72.24	301	eP	52	46.40	0.3
	0.6s	4.00nm			4.6mb	
	S.D. = 1.1	on 6 of 6 obs.				

• FEB 22, 1985 00h 44m 51.01± 1.41s
17.173 S ±13.1km 74.352 W ±14.5km
DEPTH = 33.0km (normol)
OFF COAST OF PERU (114)

ARE	2.83	76	iP	45	34.00	-1.2
LPB	6.02	85	eP	46	22.00	1.4
	1.2s	218.75nm			5.7mb	X
			S	47	25.00	
			LR	48	25.00	
CNCB	6.11	88	iP	46	21.70	-0.2
			S	47	26.00	
TPZ	6.82	130	P	47	06.60	34.9X

ANT	7.47	151	iP	46	39.30	-1.2
			eS	47	54.00	
TCA	16.66	150	ePd	48	44.80	1.1
ALQ	60.14	330	e(P)	54	58.00	0.0
GBA	152.58	93	PKPc	04	48.40	9.2X
	0.7s		5.00nm			

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

FEB 22, 1985 01h 14m 05.73± 0.72s
41.490 N ± 8.4km 20.462 E ± 6.9km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.5 (TTG).

OHR	0.46	146	iPg	14	14.60	-0.4
			iSg	14	22.40	
SKO	0.88	56	ePg	14	22.00	-0.6
			iSg	14	35.00	
ULC	1.02	298	ePg	14	24.50	-0.6
			eSg	14	39.00	
PVY	1.16	342	iPgd	14	26.50	-1.0
			iSg	14	45.00	
TTG	1.30	317	ePg	14	29.00	-0.7
			eSg	14	49.50	
IVA	1.44	343	ePg	14	33.50	1.5
			eSg	14	55.00	
BDV	1.46	304	ePg	14	32.50	0.4
			eSg	14	55.00	
VAY	1.59	95	ePn	14	34.70	0.7
HCY	1.75	304	ePn	14	37.00	0.7
			eSn	15	04.20	

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

& FEB 22, 1985 01h 37m 31.76s
61.055 N 151.171 W
DEPTH = 63.8km
SOUTHERN ALASKA (2)
<AGS-P>.

NKA	0.31	186	iP	37	43.79	1.3
SPU	0.45	287	iP	37	43.21	-0.5
			iS	37	52.12	
SUA	0.46	27	iP	37	43.10	-0.9
SLKM	0.72	139	eP	37	45.72	-1.0
			iS	37	57.28	
RDT	0.77	232	iP	37	46.92	-0.5
			iS	37	58.65	
PMS	0.80	76	iP	37	46.89	-0.9
			iS	37	59.19	
PWA	0.86	46	iP	37	48.07	-0.4
			iS	38	01.33	
SKT	0.94	350	iP	37	48.78	-0.7
NNL	1.02	184	eP	37	51.16	0.7
MPA	1.05	122	eP	37	50.38	-0.5
			iS	38	04.84	
PTE	1.06	99	eP	37	50.44	-0 6
			eS	38	04.74	
PME	1.18	60	eP	37	51.84	-0.8
			eS	38	07.74	
ILM	1.19	224	eP	37	52.53	-0.3
SEW	1.28	138	eP	37	52.55	-1.3
GHO	1.30	55	iP	37	53.50	-0.8
BRLK	1.30	174	eP	37	53.77	-0.5
MSE	1.32	52	iP	37	53.70	-0.9
KNK	1.36	74	eP	37	54.18	-0.9
			iS	38	12.02	
PWL	1.40	97	iP	38	04.63	9.1
SML	1.56	60	iP	37	56.72	-1.1
PDB	1.97	231	eP	38	02.70	-0.7
GLI	2.00	93	eP	38	01.33	-2.5
SCM	2.00	65	eP	38	02.75	-1.3
AUL	2.02	215	eP	38	04.88	0.7
SVW	2.16	273	iP	38	04.91	-1.3
VZW	2.25	88	eP	38	05.17	-2.2
FID	2.31	96	eP	38	04.95	-3.3
			iS	38	32.22	
VLZ	2.35	86	eP	38	06.76	-2.0
HIN	2.39	104	eP	38	06.53	-2.8
KLU	2.57	78	eP	38	09.79	-2.2
TOA	2.61	64	eP	38	11.86	-0.6
COL	4.16	20	iP	38	33.80	-0.3
BALM	4.29	86	eP	38	32.69	-3.5

33 obs. associated

? FEB 22, 1985 01h 59m 09.55± 6.47s
33.179 S ±19.1km 71.459 W ±57.1km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

PEL	0.65	87	iPd	59	22.70	0.4
MDZ	2.21	83	iP	59	51.00	6.3X
			iS	00	20.60	
RTCV	2.80	63	ePc	59	58.00	5.0X
			S	00	44.80	
RTCB	2.81	54	eP	59	55.00	1.7
			S	00	43.00	
ZON	2.86	56	eP	59	59.00	5.1X
RFA	2.95	123	ePc	59	55.40	0.2
RTLL	3.13	55	e(P)	00	00.00	2.2X
			S	00	51.00	
VCA	5.23	33	ePd	00	27.10	-0.6
			S	01	46.50	
TCA	6.10	74	ePd	00	38.20	-1.7
			(S)	01	58.20	

S.D. = 1.8 on 5 of 9 obs.

FEB 22, 1985 02h 42m 01.95± 0.80s
41.463 N ± 9.5km 20.434 E ± 7.5km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 3.0 (TTG).

OHR	0.45	142	iPg	42	11.00	-0.1
			iSg	42	18.80	
SKO	0.91	56	iPg	42	18.20	-1.1
			iSg	42	30.50	
ULC	1.02	300	ePg	42	20.00	-1.2
			eSg	42	35.70	
PVY	1.18	343	ePg	42	23.00	-1.1
			eSg	42	41.00	
TTG	1.30	318	ePg	42	25.30	-0.7
			iSg	42	45.30	
BDV	1.45	305	ePg	42	28.70	0.4
			eSg	42	50.50	
IVA	1.46	344	ePg	42	30.00	1.5
			eSg	42	51.50	
VAY	1.61	94	iPn	42	31.00	0.5
HCY	1.75	305	ePn	42	32.20	-0.3
			eSg	42	59.50	
BRY	2.01	316	ePn	42	38.00	1.6
			eSn	43	06.00	
PLE	2.02	338	P	42	38.00	1.5
			eSn	43	06.20	
VOY	6.58	316	ePn	43	40.20	-1.0
			eSn	44	55.20	

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

? FEB 22, 1985 02h 48m 07.22± 2.48s
7.508 S ±17.8km 130.780 E ±37.5km
DEPTH = 33.0km (normal)
4.9mb (1 obs.)
TANIMBAR ISLANDS REGION (281)

TLE	2.70	47	iPc	48	49.20	0.0
			iS	49	21.00	
MTN	5.32	176	eP	49	32.00	5.6X
	0.4s		171.00nm		5.9mb	X
KNA	8.43	193	iPd	50	09.80	-0.2
	0.2s		24.00nm		6.0mb	X
WRA	12.84	165	Pd	51	09.40	-0.8
	0.2s		2.40nm		4.9mb	
WB2	12.84	165	eP	51	10.20	0.0
			i	51	13.80	
			eS	53	34.70	
ASPA	16.34	170	eP	51	57.00	1.0

S.D. = 0.9 on 5 of 6 obs.

FEB 22, 1985 02h 58m 52.11± 0.88s
5.712 S ±10.3km 152.931 E ± 7.6km
DEPTH = 57.0 ± 13.8 km
3.8mb (1 obs.)
NEW BRITAIN REGION (192)

RAB	1.69	333	iPd	59	20.00	0.3
	0.5s		169.01nm			
BGA	2.28	101	eP	59	28.00	-0.1
			eS	59	57.00	
PAA	2.61	103	eP	59	33.00	0.2
PMG	6.80	237	eP	00	31.00	-0.7
WB2	22.94	230	eP	03	52.80	0.4
WRA	22.95	230	P	03	53.00	0.5
	0.6s		2.40nm		3.8mb	
COL	82.68	22	eP	11	10.00	-0.6

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

? FEB 22, 1985 04h 15m 53.30± 3.74s
31.062 S ±14.0km 69.354 W ±39.5km
DEPTH = 33.0km (normal)
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.64	132	ePc	16	06.60	0.7
			S	16	28.00	
RTLL	0.80	110	ePc	16	09.60	1.4
			S	16	33.20	
RTCV	1.06	139	ePd	16	11.00	-0.9
			S	16	35.20	
VCA	2.52	24	ePd	16	33.10	0.1
TCA	4.09	95	iPd	16	53.90	-1 3
			S	17	52.00	

S.D. = 1.5 on 5 of 5 obs

& FEB 22, 1985 05h 48m 29.39s
19.329 N 155.211 W
DEPTH = 9.5km
5.0mb (22 obs.)
HAWAII (613)
<HVO-P>. ML 4.8 (HVO). Felt (V) at Hilo and Ookala, (IV) at Hakalau, Hawi, Honokoa, Holualoa, Kealakekua, Laupahoehoe, Naalehu, Ninole, Paauhau, Pahala, Pahoa, Pepeekeo and Volcano. Felt throughout the island of Hawaii.

PWH	0.05	196	iPc	48	31.50	0.1
PUH	0.05	352	iPd	48	31.35	-0.2
MKA	0.06	49	iPd	48	31.48	-0.2
AHA	0.07	311	iPd	48	31.73	0.0
KNH	0.07	275	iPd	48	31.84	0.0
KAE	0.08	118	iPc	48	32.03	0.2
ESR	0.09	342	iPd	48	31.95	0.0
OUT	0.09	312	iPd	48	31.98	0.0
RIM	0.09	318	iPd	48	32.09	0.0
HLP	0.10	253	iPd	48	32.31	0.2
NPH	0.11	321	iPd	48	32.15	-0.1
UWE	0.12	320	iPc	48	32.25	-0.2
CPK	0.13	301	iPd	48	32.47	-0.1
WHA	0.15	89	iPc	48	32.95	0.0
DES	0.17	273	iPd	48	33.10	-0.1
MLX	0.18	316	iPc	48	33.40	-0.1
MVH	0.22	39	iPd	48	34.15	0.0
MLH	0.24	315	iPd	48	34.47	-0.1
AIN	0.24	281	iPd	48	34.66	0.1
KPO	0.39	64	iPc	48	37.01	-0.3
KHU	0.39	258	iPd	48	37.00	-0.5
MWH	0.40	293	iPd	48	37.17	-0.4
NGH	0.41	25	iPd	48	37.76	0.0
HPU	0.51	333	iP	48	39.12	-0.6
SPT	0.55	231	ePd	48	39.16	-1.4
KKU	0.57	347	iPc	48	40.57	-0.6
HON	3.29	308	P	49	17.00	-5.0
OPA	3.52	312	P	49	20.40	-4.9
JAS1	35.45	51	eP	55	28.20	0.2
SBB	36.42	57	eP	55	37.00	0.7
KDC	38.42	2	eP	55	51.50	-1.1
GLA	38.49	61	iP	55	54.80	1.1
BMN	38.68	49	eP	55	56.00	0.7
	1.1s		7.47nm		4.3mb	
EUR	39.25	51	iP	56	00.00	-0.2
	1.0s		4.23nm		4.1mb	
PNT	41.30	35	eP	56	17.00	0.3
	0.9s		14.00nm		4.7mb	
MSU	41.80	53	P	56	21.80	0.6
NEW	42.15	38	eP	56	23.00	-0.7
RMU	42.39	56	eP	56	26.10	0.1
PMR	42.44	4	P	56	25.30	-0.5
	0.9s		31.25nm		5.0mb	
PME	42.48	4	eP	56	25.40	-0.7
	1.5s		55.50nm		5.1mb	
DAU	42.99	51	P	56	31.40	0.4
TTA	43.57	359	eP	56	34.20	-0.9
LRM	43.94	43	eP	56	37.90	-0.7
BDW	44.87	48	eP	56	45.10	-1.0
	1.1s		11.29nm		4.7mb	
ALQ	45.65	60	eP	56	51.30	-1.1
	1.5s		28.47nm		5.0mb	
COL	45.81	4	eP	56	51.00	-2.0
	1.0s		30.00nm		5.2mb	
FBA	45.81	4	eP	56	51.40	-1.6
SES	46.66	38	eP	56	59.00	-1.0
EDM	46.70	33	iPd	56	59.10	-1.1

22d 05h

IMA 46.73 1 eP 56 58.60 -1.7
1.5s 13.80nm 4.8mb
GOL 47.22 53 eP 57 05.20 0.4
1.0s 5.00nm 4.6mb
GLD 47.34 53 eP 57 07.00 1.3
LTX 47.69 68 iP 57 10.00 1.6
RSSD 49.11 48 iP 57 18.30 -1.1
1.1s 23.26nm 5.1mb
INK 50.82 10 eP 57 29.00 -2.8
1.1s 63.00nm 5.5mb
JCT 51.03 66 eP 57 33.00 -1.1
1.1s 12.66nm 4.8mb
YKC 51.41 23 ePc 57 34.50 -1.9
1.1s 21.00nm 5.0mb
BRW 51.99 359 eP 57 39.50 -1.1
FFC 53.42 35 eP 57 49.00 -2.6
1.2s 14.00nm 4.8mb
TUL 54.40 59 eP 57 57.20 -1.9
1.5s 53.40nm 5.4mb
RLO 55.02 59 ePc 58 02.70 -1.0
RSON 57.32 41 eP 58 17.50 -2.4
1.5s 13.36nm 4.7mb
FVM 58.70 57 eP 58 28.00 -1.8
1 2s 13.24nm 4.9mb
MBC 59 82 9 eP 58 34.80 -2.2
1.0s 40.00nm 5.5mb
LHC 59.88 45 eP 58 35.00 -2.8
MAT 60.18 302 eP 58 39.00 -1.0
1.1s 44.30nm 5.5mb
eS 07 00.00
PRM 65.50 61 eP 59 13.80 -1.6
MDJ 66.26 311 eP 59 18.50 -1.5
CN2 69.30 310 Pc 59 36.20 -2.9
ALE 71.33 8 eP 59 49.00 -1.9
1.2s 25.00nm 5.2mb
FRB 71.39 28 eP 59 49.00 -2.4
NJ2 76.67 299 Pc 00 21.70 -1.0
BJI 76.80 308 eP 00 22.00 -1.2
TIA 77.02 304 Pc 00 23.30 -1.3
CHN 78.57 89 eP 00 38.00 4.3
WRA 79.30 244 Pc 00 40.20 2.9
0.5s 0.70nm 3.9mb X
HHC 79.98 310 eP 00 39.20 -1.6
BOG 80.14 89 eP 00 44.50 2.1
TIY 80.23 306 eP 00 40.80 -1.4
DAG 80.65 9 iPd 00 42.00 -1.5
1.3s 38.46nm 5.2mb
BTO 81.17 310 eP 00 46.50 -0.6
XAN 84.08 304 P 01 00.60 -1.6
LZH 87.27 307 eP 01 17.50 -0.5
GTA 88.91 312 Pc 01 25.70 -0.1
CD2 89.26 302 P 01 27.60 0.0
LPB 92.72 105 eP 01 44.00 -0.1
CNCB 92.92 107 iP 01 40.00 -5.2
WMO 94.84 320 P 01 53.00 -0.1
88 obs. associated

• FEB 22, 1985 06h 05m 52.14± 2.10s
33.337 S ±10.5km 71.903 W ±18.6km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

PEL 1.04 80 iPd 06 09 60 -0.9
MDZ 2.60 81 iP 06 36.70 3.8X
iS 07 12.00
RFA 3.19 118 ePc 06 42.00 0.8
S 07 33.90
RTCV 3.20 64 ePd 06 42.50 1.2
S 07 28.50
RTCB 3.21 55 ePc 06 41.50 0.0
S 07 26.50
ZON 3.26 58 eP 06 45.00 2.8X
RTLL 3.53 56 ePd 06 46.50 0.5
S 07 37.00
CFA 3.54 62 ePc 06 45.60 -0.7
S 07 35.00
VCA 5.57 36 ePd 07 13.80 -1.3
e 07 21.90
e 07 51.00
e 08 06.50
S 08 24.80
e 08 33.40
e 08 53.00
e 09 04.20
TCA 6.50 74 iPc 07 25.00 -3.1X
e 07 27.50
S 08 41.30

FSA 8.86 37 e(P) 08 03.50 2.7X
(S) 09 49.50
VBA 9.34 123 ePd 08 07.00 -0.6
ANT 9.69 8 eP 08 25.50 13.3X
eS 10 26.00
SLA 10.25 35 eP 08 21.00 0.9
CNCB 16.83 13 eP 09 47.00 -0.5
LPB 17.08 13 eP 09 51.00 0.5
LR 16 10.00
ITR 39.38 59 eP 13 16.00 -4.5X
S.D. = 0.9 on 11 of 17 obs.

FEB 22, 1985 06h 37m 03.23± 1.04s
5.687 S ± 7.9km 152.842 E ± 6.4km
DEPTH = 29.0 ± 7.9 km
5.1mb (8 obs.)
NEW BRITAIN REGION (192)

RAB 1.63 336 iPc+ 37 30.80 0.5
0.7s 153.42nm
BGA 2.37 101 eP 37 41.80 0.7
eS 38 10.00
PAA 2.70 103 iPd 37 45.20 -0.6
eS 38 16.00
LMG 5.65 235 eP 38 25.00 -2.6
PMG 6.74 236 eP 38 43.00 0.1X
0.9s 252.10nm 6.1mb X
HNR 7.97 118 e(P) 38 40.00 -20.0X
CTA 15.68 204 iPc 40 50.00 6.1X
1.0s 20.00nm 4.3mb
PVC 19.29 130 iPc 41 29.70 0.9
ISQ 19.74 220 eP 41 33.00 -0.8
NOU 21.12 143 iPd 41 54.50 6.4X
MTN 22.56 250 eP 42 05.00 2.4
WB2 22.89 230 eP 42 06.70 0.9
WRA 22.90 230 Pc 42 05.90 0.0
1.2s 46.50nm 4.9mb
ASPA 25.54 224 eP 42 31.00 -0.3
1.0s 37.00nm 5.0mb
KNA 25.65 245 eP 42 33.00 0.7
KRP 38.16 150 eP 44 30.00 8.2X
KKN 73.09 301 eP 48 33.60 0.2
0.8s 20.00nm 5.2mb
DMN 73.19 301 eP 48 34.60 0.6
0.8s 33.00nm 5.4mb
PME 80.53 24 eP 49 01.00 -13.0X
1.0s 53.50nm
IMA 81.27 19 eP 49 18.10 0.1
COL 82.69 22 eP 49 24.00 -1.2
1.0s 28.50nm 5.3mb
FBA 82.69 22 eP 49 24.00 -1.2
1.0s 25.00nm 5.3mb
BRW 83.61 14 eP 49 30.20 0.4
INK 89.27 21 eP 49 57.00 -0.5
MBC 94.96 14 eP 50 23.00 -0.7
YKC 96.25 28 ePc 50 30.00 0.2
1.0s 9.00nm 5.2mb
EDM 96.80 37 ePd 50 32.50 -0.1
BUL 119.49 243 iPdiff 52 06.00 -8.7X
0.5s 3.52nm
KHC 124.72 329 PKP 56 02.40 0.5
YJA 133.36 128 ePKP 56 25.00 5.3X
VAO 145.53 147 e(PKP) 56 45.00 3.8X
BAO 150.43 136 e(PKP) 56 53.00 3.8X
ATB 153.42 109 PKPc 57 03.00 9.5X
S.D. = 1.1 on 22 of 33 obs.

• FEB 22, 1985 06h 54m 18.89± 1.09s
33.296 S ±10.2km 72.057 W ±11.7km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
OFF COAST OF CENTRAL CHILE (134)

PEL 1.16 83 iPd 54 39.20 0.3
MDZ 2.72 82 P 55 04.60 3.3X
iS 55 41.10
RTCB 3.29 58 ePc 55 11.00 1.5
S 55 57.00
RTCV 3.30 65 ePc 55 11.00 1.5
S 55 57.30
RFA 3.33 117 iPc 55 11.20 1.3
S 55 19.80
ZON 3.35 59 eP 55 12.00 1.8
RTLL 3.62 58 ePc 55 14.80 0.8
S 56 04.00
CFA 3.64 63 ePc 55 15.10 0.8
S 56 05.30

VCA 5.62 37 ePd 55 41.20 -1.2
e 55 49.10
e 56 07.80
e 56 46.80
S 56 57.00
e 57 04.00
e 57 15.80
e 57 35.60
TCA 6.61 75 ePc 55 54.00 -2.4
e 55 56.80
S 57 14.80
FSA 8.90 38 e(P) 56 24.00 -4.2X
(S) 58 17.00
VBA 9.47 123 ePc 56 34.30 -1.8
ANT 9.66 9 e(P) 56 51.00 12.3X
eS 58 44.50
SLA 10.29 36 e(P) 56 39.00 -8.4X
(S) 58 48.00
TPZ 12.15 15 Pd 57 34.50 21.5X
ARE 16.77 2 eP 58 16.00 2.8X
CNCB 16.82 14 P 58 13.30 -0.8
LPB 17.07 13 Pd 58 17.80 0.7
1.1s 50.63nm 4.6mb
Z 17s 0.68um 4.9Msz
LR 03 30.00
VAO 24.33 72 eP 59 33.30 -1.5
BAO 27.98 57 Pc 00 06.50 -2.3
ITR 39.47 59 eP 01 44.90 -3.1X
SPA 56.88 180 e(P) 04 04.00 1.2
KIC 74.88 72 eP 05 57.40 -1.0
ALQ 75.15 331 eP 06 00.00 0.2
1.0s 3.75nm 4.3mb
GBA 146.03 118 PKPd 13 57.50 0.9
0.7s 7.10nm
HYB 149.23 114 ePKP 14 06.00 4.3X
S.D. = 1.5 on 18 of 26 obs.

• FEB 22, 1985 07h 00m 07.74± 0.72s
6.488 S ±16.0km 155.089 E ±11.8km
DEPTH = 70.5 ± 10.7 km
4.5mb (3 obs.)
SOLOMON ISLANDS (193)
Felt (III) at Arawo and Ponguna, Bougainville.

BGA 0.35 15 iPc 00 19.00 -0.6
PAA 0.44 65 iPd 00 21.50 1.2
HNR 5.63 122 e(P) 01 30.00 -0.8
eS 02 52.00
PMG 8.38 249 eP 02 08.00 -0.8
NOU 19.17 146 iPd 04 33.10 4.5X
WB2 24.17 234 eP 05 20.20 1.4
WRA 24.18 234 Pd 05 19.00 0.1
0.7s 6.40nm 4.2mb
KKN 75.42 301 eP 11 45.60 -0.8
0.6s 5.00nm 4.6mb
DMN 75.52 301 eP 11 47.30 0.3
0.6s 5.00nm 4.6mb
S.D. = 1.2 on 8 of 9 obs.

• FEB 22, 1985 07h 42m 43.97± 0.91s
5.512 S ± 9.6km 152.204 E ± 8.2km
DEPTH = 41.3 ± 11.1 km
4.6mb (3 obs.)
NEW BRITAIN REGION (192)

RAB 1.31 359 iPd 43 07.00 0.9
BGA 3.03 102 eP 43 31.00 0 3
eS 44 10.00
PAA 3.36 104 eP 43 35.00 -0.4
eS 44 16.00
LMG 5.25 230 eP 44 00.00 -2.2
PMG 6.33 232 eP 44 18.00 0.7
WB2 22.52 229 eP 47 43.20 1.6
WRA 22.53 229 Pc 47 41.80 0.1
0.5s 1.90nm 3.8mb
KNA 25.15 244 eP 48 07.00 -0.1
ASPA 25.23 222 eP 48 09.00 1.2
KKN 72.46 301 eP 54 08.00 -0.9
0.7s 8.00nm 4.8mb
DMN 72.56 301 eP 54 09.00 -0.5
0.7s 8.00nm 4.8mb
COL 82.76 22 eP 55 04.00 -0.7
PEL 124.05 136 iPKPd 01 40.40 0.2
S.D. = 1.1 on 13 of 13 obs.

? FEB 22, 1985 07h 52m 23.21± 5.06s

42.246 N ±14.1km 126.312 W ±54.3km
DEPTH = 10.0km (geophysicist)
4.2mb (2 obs.)
OFF COAST OF OREGON (30)

FHC	2.27	129	P	52 59.00	-2.3
COR	3.21	42	eP	53 13.00	-1.5
RMT	3.60	129	P	53 20.00	-0.2
ORV	4.53	125	P	53 34.00	0.6
BFW	4.79	27	P	53 38.00	0.9
LON	5.53	34	P	53 47.00	-0.7
PNT	8.48	31	eP	54 28.00	-0.9
	0.9s	14.00nm		5.2mb X	
BDW	12.37	82	eP	55 23.00	0.6
	1.0s	2.20nm		4.4mb	
EDM	14.00	34	eP	55 52.50	8.8X
ALQ	17.13	109	eP	56 26.20	1.8
FFC	20.27	44	eP	57 03.00	1.6
	1.2s	9.00nm		4.0mb	

S.D. = 1.5 on 10 of 11 obs.

? FEB 22, 1985 07h 56m 47.32± 7.72s
33.311 S ±12.9km 70.957 W ±73.5km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

PEL	0.28	54	iPd	56 55.20	0.3
RTCV	2.50	55	e(P)	57 27.50	0.9
			S	58 19.20	
RFA	2.53	126	eP	57 27.00	-0.1
RTCB	2.58	46	e(P)	57 27.70	0.0
			S	58 20.00	
RTLL	2.89	48	ePc	57 31.20	-0.9
			S	58 24.10	
TCA	5.74	72	ePc	58 12.30	-0.2
			e	58 14.40	
			S	59 30.50	
SLA	9.80	31	e(P)	59 28.00	18.9X

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

* FEB 22, 1985 07h 59m 30.01± 2.59s
42.168 N ± 9.7km 126.835 W ±25.8km
DEPTH = 10.0km (geophysicist)
4.2mb (8 obs.) 4.0Msz (1 obs.)
OFF COAST OF OREGON (30)

FHC	2.54	122	P	00 13.00	1.0
COR	3.53	46	eP	00 25.00	-1.0
RMT	3.87	124	P	00 29.50	-1.3
ORV	4.81	121	P	00 43.00	-1.3
BFW	5.04	30	P	00 45.80	-1.6
LON	5.82	36	P	00 58.30	-0.2
JAS1	6.49	129	P	01 07.00	-1.0
BMN	7.44	100	eP	01 25.50	4.1X
	1.0s	2.00nm		4.3mb	
EUR	8.66	104	iP	01 41.20	2.7X
	0.2s	4.19nm		5.4mb X	
NEW	9.17	45	eP	01 45.00	-0.3
LRM	10.99	66	eP	02 10.40	-0.1
MSU	11.77	103	P	02 20.00	-1.1
BDW	12.77	81	eP	02 35.10	0.6
	1.1s	7.06nm		4.8mb	
RMU	13.24	107	eP	02 44.00	3.3X
GOL	16.40	91	eP	03 23.00	0.9
	1.1s	7.69nm		3.7mb	
GLD	16.50	91	eP	03 24.50	1.3
	1.0s	20.00nm		4.2mb	
ALQ	17.47	108	eP	03 37.30	1 B
	1.4s	11.63nm		3.8mb	
FFC	20.60	44	ePc	04 13.30	1.7
	1.5s	20.00nm		4.2mb	
YKC	21.63	16	eP	04 22.50	0.5
	1.0s	11.00nm		4.2mb	
LTX	22.67	117	eP	04 41.00	8.3X
			e	05 20.50	
TUL	24.82	94	eP	04 58.00	4.5X
	1.3s	6.80nm		4.2mb	
	Z 18s	0.41um		4.0Msz	
RLO	25.29	93	eP	05 02.80	4.8X
LHC	26.96	64	eP	05 20.50	7.2X

S.D. = 1.2 on 16 of 23 obs.

? FEB 22, 1985 08h 01m 34.88± 3.03s
33.064 S ±11.0km 66.405 W ±29.5km
DEPTH = 33.0km (normal)
SAN LUIS PROVINCE, ARGENTINA (140)

MDZ	2.06	274	iP	02 07.50	-0.5
			iS	02 44.10	
CFA	2.13	313	e(P)	02 16.00	7.2X
			S	03 04.20	
RTCV	2.17	303	ePd	02 12.90	3.5X
			S	03 05.00	
TCA	2.31	42	ePd	02 55.60	44.2X
			e	02 58.00	
			S	04 16.40	
RFA	2.42	225	iPc	02 13.00	0.0
ZON	2.45	308	eP	02 14.00	0.5
RTLL	2.46	314	ePd	02 18.00	4.4X
			S	03 11.00	
RTCB	2.57	307	e(P)	02 15.00	-0.2
			S	03 04.20	
PEL	3.59	268	iPd	02 40.40	10.7X
VCA	4.58	340	ePd	02 43.50	-0.3
			e	02 51.80	
			e	03 10.00	
			e	03 43.00	
			S	04 56.00	
			e	05 07.00	
			e	05 28.60	
			e	05 46.80	

S.D. = 0.5 on 5 of 10 obs.

FEB 22, 1985 08h 26m 30.33± 0.28s
39.543 N ± 5.5km 75.473 E ± 4.9km
DEPTH = 33.0km (normal)
4.7mb (25 obs.) 4.6Msz (2 obs.)
SOUTHERN XINJIANG, CHINA (321)

KSH	0.40	102	iPgd	26 38.00	-1.6
			Sg	26 44.00	
WMQ	10.09	61	P	28 56.00	-0.1
NDI	10.93	172	iPc	29 05.00	-2.5
	0.5s	28.17nm		5.7mb X	
QUE	11.66	219	eP	29 17.50	-0.1
			eS	31 25.00	
MHI	13.03	261	eP	29 31.00	-4.8X
			eSn	31 51.00	
KKN	14.27	142	iP	29 47.20	-5.1X
DMN	14.34	143	iP	29 48.40	-4.9X
KHI	14.51	253	e(P)	29 53.00	-2.3
PKI	14.52	142	iP	29 50.60	-5.0X
	0.5s	20.00nm		4.9mb	
LSA	16.19	123	eP	30 17.10	-0.3
GTA	18.78	83	P	30 50.10	0.8
SHL	19.59	130	eP	30 55.00	-3.8X
POO	20.98	184	eP	31 14.90	1.7
			eS	35 06.00	
HYB	22.21	172	eP	31 25.10	-0.4
LZH	22.64	90	eP	31 33.50	3.7X
TAB	22.72	276	eP	31 34.00	3.4X
CD2	24.58	102	eP	31 52.40	3.8X
GBA	25.90	176	Pd	32 03.00	2.0
	0.7s	4.30nm		4.2mb	
KMI	27.03	114	eP	32 14.00	2.4
ISR	36.15	295	eP	33 33.50	2.2
MLR	36.51	296	eP	33 37.00	2.5
KJF	37.09	328	eP	33 46.00	7.1X
			e	45 08.00	
SUF	37.34	325	P	33 41.00	0.0
NUR	37.56	321	eP	33 43.00	0.2
	0.7s	10.70nm		4.8mb	
	Z 1Bs	0.90um		4.6Msz	
			i	33 50.40	
			LR	49 40.00	
SOD	38.59	332	eP	33 52.00	0.6
SPC	39.84	303	eP	34 04.30	2.0
KRA	39.93	304	eP	34 03.20	0.4
UPP	40.97	319	iP	34 00.50	-10.6X
PRU	43.38	305	eP	34 31.50	0.4
	Z 14s	0.90um		4.8MszX	
BRG	43.60	306	iP	34 33.10	0.3
	1.0s	19.00nm		4.8mb	
CLL	44.11	307	eP	34 37.00	0.0
KHC	44.16	304	iPc	34 38.60	1.2
			e	36 46.50	
NB2	44.16	321	P	34 36.70	-0.6
	0.6s	5.60nm		4.6mb	
LJU	44.23	299	e(P)	34 38.80	0.8
VOY	44.66	299	e(P)	34 41.20	-0.4
TRI	44.83	299	eP	34 43.10	0.3
			e	34 53.50	
MOX	45.10	306	e(P)	34 45.00	0.1
			e	34 53.00	

GRF	45.55	305	eP	34 50.20	1.7
	0.8s	13.00nm		4.9mb	
	Z 19s	0.60um		4.6Msz	
CDF	48.38	304	eP	35 10.70	-0.2
BSF	48.85	304	eP	35 14.50	-0.1
	0.7s	7.40nm		4.8mb	
HAU	49.09	304	eP	35 16.20	-0.1
	0.6s	2.50nm		4.4mb	
DOU	49.59	307	P	35 20.60	0.5
LOR	50.92	304	iPc	35 29.80	-0.4
SMF	51.14	303	iPc	35 31.30	-0.6
	0.9s	3.90nm		4.4mb	
SSF	51.21	303	iPc	35 31.70	-0.8
	0.8s	3.20nm		4.3mb	
AVF	51.40	303	iPc	35 33.50	-0.4
	0.7s	8.40nm		4.8mb	
MZF	52.10	303	eP	35 39.00	-0.2
	0.8s	4.90nm		4.5mb	
TCF	52.32	303	iPc	35 40.60	-0.3
	0.9s	3.50nm		4.3mb	
EKA	52.59	315	P	35 42.00	-0.8
	0.6s	7.70nm		4.8mb	
LSF	52.77	303	eP	35 43.30	-0.9
DAG	52.85	343	iPc	35 43.20	-1.2
	0.6s	6.67nm		4.8mb	
CAF	52.91	301	iPc	35 45.20	-0.1
LDF	52.99	306	eP	35 44.80	-1.0
	0.7s	3.00nm		4.4mb	
FLN	53.16	307	eP	35 45.70	-1.3
	0.8s	3.70nm		4.4mb	
GRR	53.52	306	eP	35 48.50	-1.2
	0.8s	10.30nm		4.9mb	
LPF	53.77	306	eP	35 50.80	-0.7
DMU	55.12	314	eP	36 01.40	0.0
	0.5s	8.00nm		5.0mb	
DCN	55.53	314	eP	36 03.70	-0.6
BNG	62.00	251	iPc	36 53.30	3.5X
	0.5s	9.00nm		5.2mb	
MBC	64.10	4	eP	37 02.50	-0.3
INK	70.31	11	ePc	37 40.90	-1.1
COL	70.53	18	eP	37 43.00	-0.4
BUL	73.76	226	iPc	38 10.00	6.8X
	1.0s	6.00nm		4.5mb	
YKC	78.01	5	ePc	38 26.50	0.0
	0.8s	9.00nm		4.9mb	
KIC	78.44	269	eP	38 29.80	6.1
WRA	80.73	125	P	38 48.00	6.1X
	0.9s	5.70nm		4.6mb	
WB2	80.74	125	eP	38 42.30	6.4
			i	38 49.00	
FFC	86.08	359	iPd	39 09.10	0.4
	0.8s	5.00nm		4.8mb	
EDM	87.29	5	eP	39 14.50	-0.2
PNT	90.52	10	eP	39 30.00	-0.1
	0.8s	5.00nm		4.9mb	

S.D. = 1.1 on 57 of 70 obs.

* FEB 22, 1985 08h 51m 17.80± 0.76s
33.326 S ± 9.0km 72.051 W ± 8.6km
DEPTH = 33.0km (normal)
4.8mb (3 obs.)
OFF COAST OF CENTRAL CHILE (134)

MDZ	2.72	82	iP	52 03.50	3.3X
			iS	52 41.60	
RTCB	3.31	57	ePc	52 10.00	1.5
			S	52 58.20	
RTCV	3.31	65	ePc	52 10.00	1.5
			S	53 01.10	
RFA	3.31	117	iPc	52 10.10	1.6
			S	53 02.30	
ZON	3.36	59	eP	52 10.00	0.7
RTLL	3.63	58	ePd	52 13.90	0.8
			S	53 06.00	
CFA	3.65	63	ePc	52 13.70	0.3
			S	53 04.00	
VCA	5.64	37	ePd	52 40.60	-1.1
			e	52 49.80	
			e	53 08.80	
			S	53 54.00	
			e	54 04.10	
			e	54 11.00	
			e	54 25.20	
TCA	6.62	75	ePc	52 53.30	-2.1
			e	52 55.80	
			S	54 14.80	
FSA	8.92	38	e(P)	53 23.00	-4.4X

22d 08h

VBA	9.45	123	ePc	53	32.80	-2.0
ANT	9.69	9	eP	53	53.00	15.0X
			eS	55	47.00	
SLA	10.31	35	e(P)	53	46.20	-0.4
YJA	12.53	29	ePd	54	21.00	4.0X
ARE	16.80	2	eP	55	16.00	3.5X
LPB	17.10	13	P	55	16.80	0.5
	1.2s	62.50nm			4.6mb	
	Z 17s	0.68um			4.3MszX	
			LR	00	50.00	
VAO	24.33	71	eP	56	32.20	-1.6
			e	56	49.70	
BAO	27.99	57	e(P)	57	05.00	-2.8X
ITR	39.48	59	eP	58	43.80	-3.2X
			e	59	47.70	
SPA	56.85	180	e(P)	01	02.80	1.3
JCT	68.67	334	iP	02	20.00	0.0
	0.9s	8.40nm			4.8mb	
TUL	72.37	340	iP	02	41.60	-0.7
	0.8s	19.00nm			4.9mb	
KIC	74.88	72	eP	02	56.70	-0.6
ALQ	75.18	331	e(P)	03	00.00	1.1
LHC	82.82	349	eP	03	38.50	-1.2
GBA	146.01	118	PKPc	10	55.80	0.3
	0.6s	10.20nm				
KGM	148.55	171	ePKPd	11	03.50	3.8X
IPM	150.68	166	ePKPd	11	08.40	5.5X
	S.D. = 1.3	on	19 of	28	obs.	

? FEB 22, 1985 09h 14m 50.39± 7.62s
33.381 S ±19.6km 72.419 W ±63.6km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

PEL	1.47	81	iPd	15	13.60	-1.3
MDZ	3.04	82	iP	15	42.00	4.7X
			IS	16	18.10	
RFA	3.56	114	ePd	15	45.00	0.2
			S	16	39.80	
RTCB	3.60	59	ePd	15	46.00	0.7
			S	16	38.00	
RTCV	3.61	66	ePd	15	46.00	0.6
			S	16	38.20	
ZON	3.65	61	eP	15	49.00	3.0X
RTLL	3.92	60	eP	15	50.70	0.9
			S	16	44.80	
CFA	3.95	65	ePc	15	49.50	-0.7
			S	16	43.30	
VCA	5.87	39	eP	16	16.80	-0.8
			e	16	25.10	
			e	16	32.00	
			e	17	09.00	
			S	17	36.00	
			e	17	41.00	
			e	17	53.40	
			e	18	07.00	
TCA	6.93	75	ePc	16	28.40	-3.9X
			e	16	33.00	
			S	17	49.50	
	S.D. = 1.1	on	7 of	10	obs.	

FEB 22, 1985 09h 33m 38.38± 0.18s
55.715 S ± 6.6km 26.657 W ± 5.3km
DEPTH = 33.0km (normal)
5.7mb (16 obs.) 5.3Msz (8 obs.)
SOUTH SANDWICH ISLANDS REGION (153)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 18C
Centroid Location:
Origin Time 09:33:45.3 0.4
Lat 55.60S 0.04 Lon 26.80W 0.09
Dep 13.7 2.2 Half-duration 2.6
Moment Tensor; Scale 10**24 D-CM
Mrr= 2.19 0.07 Mtt=-0.12 0.12
Mff=-2.07 0.11 Mrt=-1.17 0.26
Mrf= 1.61 0.36 Mtf= 1.35 0.07
Principal Axes:

	Val=	Plg=	Azm=
T	2.91	70	222
N	0.54	6	329
P	-3.45	19	61

Best Double Couple:Mo=3.2*10**24
NP1:Strike=162 Dip=26 Slip= 104
NP2: 326 65 83

AIA	20.51	227	eP	38	16.30	0.4
SPA	34.47	180	iPc	40	24.60	-0.3
	1.2s	246.48nm			6.0mb	
	Z 18s	5.14um			5.3Msz	
RFA	35.38	289	ePc	40	30.50	-2.3
VAO	35.97	327	eP	40	40.00	2.1
			e	40	48.40	
TCA	36.04	297	ePd	40	37.90	-0.5
MDZ	37.03	290	e(P)	40	46.20	-0.5
PCH	37.36	288	iP	40	48.00	-1.5
RTCV	37.66	292	ePd	40	51.00	-1.0
RTLL	38.04	292	ePc	40	54.80	-0.4
RTCB	38.10	292	ePc	40	55.70	0.0
VCA	39.97	295	ePd	41	12.40	1.0
SLA	41.94	301	ePd	41	27.80	0.2
YJA	44.12	303	ePc	41	48.90	3.2X
ANT	45.23	297	iPKP	41	53.50	-0.6
VIR	46.90	77	iPd	42	07.20	-0.2
	0.9s	62.18nm			5.6mb	
SEK	47.13	78	iPd	42	09.70	0.5
	0.8s	44.78nm			5.5mb	
SOB1	47.73	341	eP	42	13.70	-0.2
ITR	47.75	344	eP	42	13.20	-0.8
			i	42	25.80	
			i	42	29.70	
			i	42	34.90	
BFS	47.78	76	iPc	42	14.30	0.0
	0.7s	31.51nm			5.4mb	
KSR	48.65	75	iPd	42	20.20	-1.0
	1.0s	31.00nm			5.3mb	
EVA	49.35	77	eP	42	26.50	0.0
	1.2s	71.88nm			5.6mb	
LPB	50.20	304	iPc	42	34.00	0.6
	1.0s	200.00nm			6.1mb	
			S	49	44.00	
			LR	58	05.00	
ARE	51.88	301	iPc	42	47.00	1.0
	1.0s	110.00nm			5.8mb	
BUL	54.19	72	iPd	43	02.00	-0.9
	1.4s	106.98nm			5.7mb	
			ipP	43	09.00	23kmX
ATB	56.18	329	Pd	43	19.00	1.9
KRI	57.44	71	eP	43	23.00	-3.4X
			ipP	43	31.00	26kmX
TET	60.14	74	e(P)	43	45.00	0.1
			e	44	08.00	
KIC	64.46	24	eP	44	14.00	0.3
PSO	70.03	305	eP	44	49.50	0.3
GUV	70.13	321	iPc	44	49.30	-0.1
BNG	70.47	49	iPd	44	50.90	-0.6
	0.7s	46.00nm			5.7mb	
			id	45	07.50	
BOG	71.59	309	eP	44	59.00	0.4
			eS	54	17.00	
CHN	72.59	308	eP	45	03.00	-1.3
UAV	73.94	314	eP	45	13.40	1.2
SDV	73.98	314	iPc	45	13.10	0.7
	0.8s	80.00nm			5.8mb	
CAR	74.02	319	iPd	45	13.20	0.7
NAI	74.28	68	eP	45	21.00	6.8X
	0.5s	19.72nm			5.4mb	
TOV	74.47	316	eP	45	15.00	-0.1
UPA	77.90	306	(P)	45	35.00	0.7
	Z 18s	0.79um			5.1Msz	
			e	55	23.00	
			e	13	32.00	
TAU	81.61	176	iPd	45	53.80	-0.1
TCW	81.82	196	eP	45	54.00	-1.0
KRP	84.82	197	eP	46	10.80	0.4
NWAO	86.47	150	eP	46	18.00	-0.7
	Z 20s	1.10um			5.3Msz	
	N 20s	6.00um				
	E 20s	0.20um				
MUN	87.07	149	iPc	46	21.50	-0.1
	0.9s	48.00nm			5.7mb	
	Z 20s	1.40um			5.4Msz	
KLB	87.88	150	iPd	46	26.00	0.5
	0.8s	37.00nm			5.7mb	
WAM	88.38	176	eP	46	28.10	0.2
ADE	88.82	168	iPc	46	30.80	0.7
	1.3s	123.08nm			6.1mb	
CAN	89.25	176	eP	46	32.50	0.4
MRWA	89.59	148	eP	46	33.00	-0.8
YOU	90.27	176	eP	46	37.20	0.3
VHO	93.35	296	iP	46	53.00	1.7
WRA	102.93	162	Pdiffc	47	35.90	1.5
	0.7s	1.80nm			4.9mb	
GBA	109.07	94	PKPd	52	06.00	-0.1
	0.6s	1.90nm				
KHC	109.75	27	ePKP	51	52.50	-14.0X
	Z 21s	1.00um			5.4Msz	
	N 19s	0.90um				
	E 21s	1.00um				
ALO	112.81	299	ePKP	51	54.00	-19.0X
	Z 20s	0.67um			5.2Msz	
SCH	114.95	336	ePKP	52	16.00	-0.3
QUE	116.32	75	ePKP	52	21.00	1.1
RMU	116.75	297	ePKP	52	21.00	0.6
MWC	118.23	290	ePKP	52	25.00	1.6
PAS	118.23	290	ePKP	52	09.00	-14.1X
GSC	118.39	292	ePKP	52	12.00	-11.5X
MSU	118.46	297	PKP	52	23.70	-0.1
SBB	118.46	290	ePKP	52	22.00	-1.6
ISA	119.55	291	ePKP	52	26.00	0.3
WKTM	119.63	291	PKP	52	26.00	0.2
RSON	119.86	318	PKP	52	24.60	-1.1
NB2	120.19	20	PKP	52	26.60	0.6
	0.8s	4.00nm				
BDW	120.43	302	PKP	52	25.20	-2.2
	1.2s	7.25nm				
UPP	120.49	24	iPKP	52	26.10	-0.4
NDI	120.86	84	ePKP	52	19.00	-9.3X
EUR	121.12	295	iPKP	52	30.20	1.4
	1.0s	1.92nm				
JAS1	122.28	291	ePKP	52	31.50	0.8
BMN	122.47	295	iPKP	52	32.00	0.8
	1.0s	7.50nm				
NUR	122.78	27	ePKP	52	31.00	0.1
	Z 18s	1.20um			5.6Msz	
			e	04	16.00	
			LR	45	10.00	
HPI	122.84	301	PKP	52	33.00	1.0
BKS	123.20	290	ePKP	52	33.90	1.4
	1.0s	35.00nm				
FRB	123.44	339	ePKPc	52	32.10	0.0
	0.8s	38.00nm				
ORV	124.05	292	ePKP	52	36.80	2.7X
DMN	124.49	91	ePKP	52	35.80	0.1
	0.8s	19.00nm				
PKI	124.63	91	ePKP	52	36.00	0.0
	0.9s	23.00nm				
MIN	124.68	292	ePKP	52	35.80	0.3
KKN	124.73	91	ePKP	52	36.00	0.0
	0.8s	19.00nm				
SUF	125.04	27	iPKP	52	35.10	-0.1
	0.7s	3.20nm				
CHG	125.19	110	ePKP	52	37.00	0.1
WDC	125.34	292	ePKP	52	36.50	0.0
FFC	126.04	316	ePKP	52	37.50	0.0
	1.2s	16.00nm				
GDH	126.19	348	iPKPc	52	37.20	-0.1
	0.9s	25.21nm				
KJF	126.66	26	ePKP	52	39.00	0.6
			i	52	45.30	
SES	126.73	307	ePKP	52	38.00	-1.0
SHL	126.73	98	ePKP	52	40.00	0.0
NEW	128.06	302	ePKP	52	41.00	-0.6
SOD	129.00	24	iPKP	52	43.10	0.4
EDM	129.73	309	ePKPc	52	44.00	-0.6
PNT	129.98	301	ePKPc	52	46.00	0.8
	1.1s	26.00nm				
DAG	132.31	2	iPKPc	52	47.80	-1.0
	0.7s	10.96nm				
GYA	135.51	111	ePKP	52	57.40	0.9
YKC	136.06	318	ePKP	52	41.10	-15.2X
	0.9s	30.00nm				
CD2	137.46	105	ePKP	53	02.30	2.3
WMQ	137.54	78	PKP	52	56.00	-3.8X
LZH	141.37	99	ePKP	53	04.00	-3.1X
GTA	141.44	92	ePKP	53	02.10	-5.0X
XAN	142.66	107	ePKP	53	06.70	-2.5
MBC	143.79	336	ePKP	53	08.00	-1.9
	0.7s	28.00nm				
INK	145.72	321	ePKPc	53	12.00	-1.3
	0.8s	107.00nm				
			pP	53	26.00	
NJ2	146.25	120	PKPc	53	17.00	1.7
SSE	146.58	124	ePKP	53	16.50	0.7
	1.0s	51.00nm				
	Z 18s	2.30um			6.0Msz	
	N 18s	1.40um				
	E 18s	0.90um				
BTO	147.99	100	ePKP	53	17.50	-0.5
TIA	148.67	113	PKPc	53	19.40	0.3
HHC	149.02	101	PKP	53	24.50	4.9X
PME	150.35	305	ePKP	53	18.60	-2.2

			e	53 26.70		
PMR	150.39	305	PKP	53 18.00	-2.8X	
COL	150.52	312	ePKP	53 18.00	-3.0X	
	0.9s		76.05nm			
			i	53 26.70		
			e	53 34.00		
FBA	150.52	312	ePKP	53 18.10	-2.9	
			e	53 26.40		
BJI	150.99	107	ePKP	53 28.50	6.1X	
DL2	153.04	115	ePKP	53 33.40	8.0X	
IMA	153.09	314	ePKP	53 23.10	-1.8	
			e	53 33.60		
TTA	153.81	307	PKP	53 27.50	1.6	
CN2	158.56	112	ePKP	53 32.00	-0.5	
	S.D. = 1.0		on 100 of 118 obs.			

% FEB 22, 1985 10h 02m 20.28± 0.79s
60.359 N ± 6.4km 5.351 E ±10.4km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)

ASK	0.15	328	iPg	02 23.40	-0.3	
			eSg	02 26.80		
SUE	0.76	338	ePn	02 35.10	0.0	
			eSn	02 45.60		
ODD	0.78	121	ePn	02 35.10	-0.3	
			eSn	02 46.00		
HYA	0.91	26	iPn	02 37.90	0.3	
			eSn	02 53.00		
KMY	1.15	183	ePn	02 42.00	0.2	
			eSn	02 57.20		
	S.D. = 0.4		on 5 of 5 obs.			

? FEB 22, 1985 11h 09m 06.39± 6.36s
32.540 S ±14.2km 72.546 W ±53.8km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

MDZ	3.13	97	iP	09 55.80	1.1	
			iS	10 30.00		
RTCB	3.35	73	ePd	09 57.20	-0.6	
			S	10 36.20		
ZON	3.43	74	eP	09 59.00	0.1	
RTCV	3.46	80	ePd	09 58.30	-1.1	
			S	10 44.00		
RTLL	3.67	72	ePd	10 02.80	0.6	
			S	40 46.00		
RFA	4.07	124	ePc	10 07.60	-0.3	
VCA	5.32	46	ePd	10 26.00	0.2	
			e	10 32.00		
			S	11 33.50		
			e	11 40.00		
TCA	6.87	82	eP	10 42.40	-5.0X	
			e	10 44.00		
			S	11 57.00		
	S.D. = 0.9		on 7 of 8 obs.			

• FEB 22, 1985 11h 11m 28.59± 1.01s
42.423 N ± 8.5km 24.186 E ± 9.6km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

PLD	0.50	129	iPgd	11 40.00	1.3	
VTS	0.75	284	iPgc	11 47.00	3.8X	
MMB	0.90	202	iPd	11 45.00	-0.9	
PVL	1.02	45	eP	11 47.00	-0.9	
KDZ	1.17	132	iP	11 50.00	-0.4	
VAY	1.63	228	ePn	12 03.70	6.2X	
JMB	1.77	88	iP	12 08.00	8.5X	
KHC	9.99	316	iPg	13 56.10	0.9	
			Sg	14 30.50		
	S.D. = 1.5		on 5 of 8 obs.			

• FEB 22, 1985 12h 30m 36.02± 0.78s
33.083 S ± 7.8km 71.927 W ± 9.7km
DEPTH = 33.0km (normal)
4.4mb (2 obs.)
NEAR COAST OF CENTRAL CHILE (135)

PEL	1.04	94	iPd	30 56.10	1.7	
RTCV	3.11	68	ePd	31 29.00	5.0X	
			S	32 16.10		
RFA	3.33	121	iPd	31 28.30	1.1	
			S	32 22.20		
RTLL	3.41	60	ePd	31 33.00	4.7X	
			S	32 26.00		
VCA	5.38	37	ePd	31 59.90	3.6X	
			e	32 08.00		
			e	32 54.00		
			S	33 05.80		
			e	33 19.00		
			e	33 54.00		
TCA	6.46	76	ePc	32 11.00	-0.3	
			e	32 14.00		
			S	33 30.20		
FSA	8.67	38	e(P)	32 41.50	-0.6	
			(S)	34 35.50		
ANT	9.44	8	eP	33 10.00	17.3X	
			eS	35 08.50		
VBA	9.50	124	ePd	32 52.40	-1.2	
SLA	10.05	36	e(P)	33 00.40	-0.9	
YJA	12.27	29	e(P)	33 32.00	0.3	
ARE	16.55	1	eP	34 34.00	6.4X	
CNCB	16.59	13	eP	34 28.00	-0.3	
LPB	16.84	13	eP	34 35.00	3.7X	
	Z 17s		0.85um			
			S	38 08.00		
			LR	39 45.00		
ITR	39.27	60	eP	38 02.70	-0.8	
SPA	57.09	180	e(P)	40 20.00	-1.4	
JCT	68.50	334	eP	41 38.10	0.9	
	0.8s		4.10nm		4.6mb	
KIC	74.71	72	eP	42 15.00	0.5	
ALQ	75.02	331	eP	42 17.30	1.1	
	1.0s		3.25nm		4.3mb	
GBA	146.03	118	PKPd	50 13.60	-0.1	
	0.6s		5.30nm			
HYB	149.22	113	ePKP	50 23.50	4.6X	
	S.D. = 1.0		on 14 of 21 obs.			

& FEB 22, 1985 13h 13m 47.07s
61.681 N 151.181 W
DEPTH = 74.5km
SOUTHERN ALASKA (2)
<AGS-P>.

SUA	0.30	136	iP	13 59.25	0.2	
			eS	14 08.70		
SKT	0.34	331	iP	13 58.41	-0.8	
CGLM	0.55	227	iP	14 00.47	-0.5	
PWA	0.62	92	iP	14 01.66	0.0	
SPU	0.65	220	iP	14 01.37	-0.7	
			iS	14 12.95		
PMS	0.89	119	eP	14 04.49	-0.3	
			iS	14 16.82		
NKA	0.94	182	eP	14 06.93	1.6	
MSE	1.06	80	iP	14 06.47	-0.5	
GHO	1.08	84	eP	14 06.36	-0.8	
			eS	14 21.98		
RDT	1.26	209	eP	14 09.00	-0.5	
SLKM	1.27	158	iP	14 09.08	-0.4	
PTE	1.33	127	eP	14 07.67	-2.5	
KNK	1.33	100	iP	14 09.58	-0.8	
SML	1.36	83	iP	14 09.69	-1.1	
PWL	1.60	120	eP	14 12.48	-1.5	
			eS	14 33.69		
NNL	1.65	182	eP	14 15.49	0.9	
ILM	1.70	209	eP	14 14.88	-0.5	
SEW	1.79	151	eP	14 17.97	1.4	
BRLK	1.93	176	eP	14 19.33	0.9	
GLI	2.13	110	iP	14 19.19	-2.0	
SVW	2.21	257	eP	14 20.68	-1.7	
VZW	2.31	104	eP	14 21.71	-2.1	
VLZ	2.40	101	eP	14 22.28	-2.5	
FID	2.46	110	eP	14 23.00	-2.7	
TTA	2.59	301	eP	14 25.78	-1.8	
HIN	2.62	117	eP	14 25.75	-2.2	
COL	3.57	24	eP	14 40.00	-1.2	
BALM	4.30	95	eP	14 49.42	-2.2	
	28 obs. ossociated					

FEB 22, 1985 13h 24m 13.25± 0.80s
42.477 N ± 8.0km 24.101 E ± 7.2km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

PLD	0.58	130	iPgd	24 23.00	-2.0	
VTS	0.68	281	ePg	24 25.00	-1.7	
MMB	0.93	198	iPc	24 32.00	1.0	
PVL	1.03	49	eP	24 33.00	0.2	
KDZ	1.25	131	iP	24 37.00	0.5	
VAY	1.62	225	iPn	24 43.00	1.0	
JMB	1.84	89	iP	24 45.00	-0.1	
MLR	3.29	23	eP	25 07.00	1.0	
	S.D. = 1.4		on 8 of 8 obs.			

FEB 22, 1985 13h 55m 32.62± 0.69s
42.421 N ± 7.1km 13.381 E ± 6.6km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

AQU	0.07	166	ePgc	55 35.50	0.5	
	0.7s		0.89nm			
MNS	0.52	266	iPgc	55 42.50	-0.7	
	0.4s		750.00nm			
			iSg	55 50.50		
DUI	1.10	133	ePg	55 47.50	-5.8X	
			iSg	56 16.00		
TRI	3.30	5	eP	56 32.00	6.7X	
			e	56 39.10		
			e	57 06.00		
			e	57 19.10		
ORI	3.31	135	e(Pn)	56 32.60	7.1X	
CEY	3.40	12	eP	56 40.10	13.3X	
			e	56 43.20		
			eSn	57 05.40		
VOY	3.63	6	ePn	56 31.00	0.9	
			e(Sn)	57 14.60		
LJU	3.71	12	e(Pn)	56 30.00	-1.3	
			e	56 32.00		
			eSn	57 13.80		
SAL	3.79	328	e(Pn)	56 34.00	1.7	
CTI	3.83	342	ePn	56 32.20	-0.8	
	9.2s		110.00nm			
			eSn	57 14.00		
TTG	4.35	88	ePn	56 41.40	1.1	
			iSn	57 32.20		
KBA	4.66	360	iPgc	56 44.70	-0.1	
			iSn	57 16.90		
			iSg	57 44.90		
OHR	5.70	101	e(Pn)	56 59.00	-0.4	
KHC	6.71	1	eP	57 10.00	-3.6X	
			e	58 27.50		
			e	59 22.50		
VAY	6.95	96	eP	57 16.00	-0.9	
	S.D. = 1.1		on 10 of 15 obs.			

FEB 22, 1985 14h 14m 14.70± 1.42s
18.267 N ± 4.1km 146.455 E ± 7.0km
DEPTH = 74.1 ± 12.8 km
5.0mb (26 obs.)
MARIANA ISLANDS (216)

GUA	4.93	198	e(P)	15 27.70	-0.3	
	0.7s		153.42nm			
			eS	13 24.50		
KYS	17.77	343	eP	18 24.70	6.1X	
OYM	18.24	341	eP	18 24.70	0.2	
SRY	18.41	341	eP	18 26.10	-0.3	
TSK	18.73	344	eP	18 30.70	0.5	
DDR	18.79	341	eP	18 31.20	0.2	
MAT	19.60	340	(P)	18 39.00	-0.7	
	0.8s		13.43nm		4.3mb	
			eS	22 18.00		
MOM	20.20	177	eP	18 46.50	0.4	
SHK	20.33	326	eP	18 50.00	2.8X	
LGP	22.45	260	iPc	19 06.40	-2.1	
DAV	23.17	244	eP	19 17.00	1.3	
CGP	23.28	248	iPc	19 18.00	1.3	
			eS	19 28.50		
CVP	23.43	272	eP	19 21.00	2.9X	
SSE	26.20	304	e(P)	19 49.50	5.2X	
	Z 26s		1.50um		4.4MszX	
			i	24 28.00		
LMG	27.05	176	eP	19 54.00	1.7	
PMG	27.51	179	eP	19 56.00	-0.3	
	0.8s		59.70nm		5.2mb	
MDJ	29.83	335	eP	20 15.00	-1.9	
TIA	31.44	311	eP	20 32.60	1.4	
BJI	33.94	316	eP	20 50.50	-2.3	
GYA	37.57	290	P	21 29.60	5.7X	
CTA	38.12	180	iPc	21 28.60	0.3	
	1.2s		30.47nm		5.1mb	
BTO	38.37	313	eP	21 31.40	1.0	
WB2	39.79	198	eP	21 41.80	-0.4	
WRA	39.79	198	Pd	21 40.30	-2.0	
	0.8s		20.80nm		5.1mb	
KOU	42.36	155	iPc	22 18.40	15.1X	
LOE	42.50	276	eP	22 07.00	2.4	
ASPA	43.44	197	eP	22 13.00	0.9	
NOU	44.82	153	iPc	22 28.70	5.5X	

22d 14h

GTA	45.38	308	eP	22	30.00	2.3
IPM	46.41	259	ePd	22	40.00	4.0X
MBL	47.07	215	eP	22	41.00	0.0
WBN	48.18	204	eP	22	50.00	0.3
STK	50.08	185	eP	23	03.00	-1.1
NAU	50.61	218	iPc	23	08.40	0.2
	0.5s		27.00nm			5.5mb
SHL	50.86	285	eP	23	12.50	2.0
YOU	52.28	178	eP	23	21.20	0.4
CAN	53.35	177	eP	23	29.70	1.1
WAM	54.21	178	eP	23	34.10	-0.8
KLG	54.37	207	eP	23	36.00	-0.2
WMQ	55.13	311	eP	23	41.00	-0.8
MRWA	55.62	212	eP	23	44.00	-1.2
BAL	56.39	211	eP	23	50.00	-0.8
PKI	56.51	291	eP	23	52.70	0.4
KKN	56.61	292	eP	23	53.20	0.4
	0.9s		13.00nm			5.0mb
DMN	56.77	291	eP	23	54.40	0.3
MUN	57.76	210	eP	23	59.00	-1.4
NWAO	58.07	209	eP	24	03.00	0.5
	0.6s		5.00nm			4.8mb
Z	20s		0.20um			4.2Msz
N	20s		0.20um			
E	20s		0.10um			
TTA	59.31	27	P	24	11.00	0.1
	1.0s		12.50nm			5.0mb
COL	63.37	26	eP	24	38.00	-0.1
	0.8s		5.60nm			4.6mb
FBA	63.37	26	P	24	37.00	-1.1
NDI	63.59	293	eP	24	40.00	-0.2
MSZ	65.62	163	eP	24	52.00	-0.9
GBA	66.19	277	Pd	24	56.50	-0.6
	0.9s		7.00nm			4.6mb
INK	69.49	23	eP	25	16.00	-0.9
QUE	72.20	297	eP	25	33.00	-1.2
MBC	73.39	14	eP	25	39.90	-0.1
	0.8s		12.00nm			4.9mb
YKC	78.09	28	eP	26	06.00	-0.8
	1.0s		15.00nm			4.9mb
ALE	78.51	4	eP	26	09.00	0.2
	1.0s		13.00nm			4.8mb
PNT	78.87	42	eP	26	14.00	2.6X
	1.2s		25.00nm			5.0mb
ORV	80.13	52	P	26	18.00	-0.3
NEW	80.75	42	eP	26	22.00	0.5
JAS1	81.39	53	eP	26	33.00	8.0X
EDM	81.50	37	eP	26	25.00	-0.3
KEV	82.56	342	eP	26	30.00	-0.4
	0.9s		43.90nm			5.4mb
MNA	82.95	52	P	26	34.00	0.7
BMN	83.03	50	eP	26	35.00	1.4
	1.1s		6.82nm			4.5mb
ISA	83.55	55	eP	26	35.00	-1.3
SES	83.82	39	eP	26	37.00	-0.3
SOD	84.01	340	iP	26	37.60	-0.3
CLC	84.18	54	eP	26	44.00	4.6X
EUR	84.24	50	iP	26	42.30	2 4
	0.2s		3.35nm			5.0mb
MWC	84.31	56	eP	26	54.00	13 7X
SBB	84.35	55	eP	26	29.00	-11.3X
LRM	84.56	44	eP	26	42.70	1.3
DAG	84.75	357	iPd	26	42.40	1.0
	0.6s		8.67nm			5.0mb
GSC	84.95	55	eP	26	38.00	-5.3X
KJF	85.40	337	iP	26	44.80	-0.1
TPC	85.93	56	eP	27	00.00	11.8X
SUF	86.82	337	iP	26	50.30	-1.6
	0.4s		6.60nm			5.1mo
FFC	87.07	33	eP	26	54.00	0.8
	1.0s		11.00nm			4.9mb
BDW	87.60	46	P	26	54.00	-2.4
	1.0s		4.50nm			4.6mb
NUR	88.68	335	eP	26	52.00	-8.9X
			e	27	00.00	
RMU	88.77	51	eP	27	07.00	5.0X
RSSD	90.71	43	eP	27	15.80	4.8X
	1.0s		6.00nm			4.9mb
GOL	91.74	47	eP	27	15.80	-0.1
	1.0s		6.00nm			5.0mb
GLD	91.83	47	eP	27	18.00	1.8
	1.2s		24.24nm			5.5mb
ALO	92.97	52	eP	27	26.00	4.5X
	1.2s		10.94nm			5.2mb
NB2	93.22	340	P	27	21.00	-1.0
	1.2s		9.80nm			5.1mb
FRB	93.85	15	eP	27	25.00	0.3
KRI	120.03	261	ePKP	32	58.00	-1.4
BUL	121.58	257	ePKP	33	02.00	-0.3
TPZ	146.81	101	(PKP)	33	39.00	-10.2X
LPB	147.01	92	PKPd	33	52.00	2.3
CNCB	147.16	93	PKP	33	53.50	3.4X
TCA	149.08	121	iPKPc	33	57.80	5.6X
	S.D. = 1.2		on 73 of 95 obs.			

* FEB 22, 1985 14h 42m 31.89± 1.04s
32.931 S ± 7.8km 72.036 W ±12.2km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

PEL	1.15	101	iPd	42	53.00	1.2
			iS	43	09.90	
RTCB	3.10	63	ePc	43	25.00	5.3X
			S	44	13.80	
RTCV	3.15	71	ePc	43	25.60	5.3X
			S	44	14.50	
RTLL	3.42	63	ePc	43	29.00	4.7X
			S	44	22.00	
CFA	3.48	69	ePc	43	29.30	4.3X
			S	44	25.40	
RFA	3.49	123	ePd	43	25.00	-0.3
			S	44	15.50	
VCA	5.32	39	ePd	43	56.00	4.7X
			e	44	04.00	
			e	44	15.20	
			S	45	05.00	
			e	45	16.80	
			e	45	37.00	
TCA	6.51	78	ePd	44	08.00	0.0
			e	44	12.00	
			S	45	28.00	
CYA	6.99	52	e(P)	44	15.00	0.4
			S	44	49.00	
FSA	8.61	39	e(P)	44	37.00	-0.1
ANT	9.30	9	e(P)	45	06.00	19.3X
			eS	47	10.00	
VBA	9.66	125	ePd	44	50.10	-1.6
SLA	9.98	37	e(P)	45	06.00	9.8X
			(S)	47	29.00	
ARE	16.40	2	eP	46	30.00	8.4X
CNCB	16.46	14	eP	46	23.00	0.4
LPB	16.71	13	eP	46	24.00	-1.6
Z	17s		1.70um			
			S	50	06.00	
			LR	51	40.00	
ITR	39.27	60	eP	49	59.90	0.5
SPA	57.25	180	e(P)	52	18.50	0.2
GBA	146.18	117	PKPd	02	10.80	0.9
	0.8s		5.00nm			
HYB	149.36	113	ePKP	02	20.00	5.0X
	S.D. = 1.0		on 11 of 20 obs.			

FEB 22, 1985 14h 46m 03.55± 1.14s
38.903 N ± 5.5km 24.822 E ± 6.6km
DEPTH = 29.5 ± 10.8 km
4.4mb (2 obs.)
AEGEAN SEA (365)
ML 4.0 (ATH).

PRK	1.18	73	ePb	46	24.90	0.8
			eSb	46	44.00	
ATH	1.27	223	ePbc	46	24.50	-0.9
			eSb	46	43.40	
KZN	2.74	302	ePg	46	44.00	-2.6
KDZ	2.76	8	iPc	46	47.00	0.2
MMB	2.81	343	iPd	46	47.00	-0.4
VAY	2.97	325	iPn	46	50.50	0.8
PLD	3.20	358	eP	46	53.00	0.1
VLS	3.40	259	ePb	46	56.30	0.5
NPS	3.69	170	ePn	47	00.50	0.6
			eSn	47	49.50	
OHR	3.80	307	iPn	47	02.90	1.4
JMB	3.80	20	iP	47	01.00	-0.5
VTS	3.89	342	iPgc	47	03.00	0.3
SKO	4.01	321	iPn	47	05.00	0.5
			eSn	48	13.00	
			iSg	48	22.00	
PVL	4.25	3	iPc	47	08.00	0.2
PSN	5.40	27	eP	47	22.00	-2.1
ISR	6.36	11	eP	47	36.00	-1.7
CMP	6 36	1	ePc	47	41.00	3.2X
MLR	6 64	7	ePd	47	42 00	0.3
BEO	6.75	333	eP	48	12.30	29.2X
VRI	7.10	11	eP	47	50.00	1.9
VOY	10.76	315	e(P)	48	38.70	-0.1
KHC	13.02	325	P	49	09.50	0.4
NB2	23.73	343	P	51	14.40	0.7
	0.7s		2.30nm			3.8mb
BNG	34.78	191	iPd	52	53.30	-0.3
	0.6s		14.00nm			5.1mb
	S.D. = 1.2		on 22 of 24 obs.			

* FEB 22, 1985 15h 07m 59.42± 1.07s
33.222 S ± 9.7km 72.069 W ±12.2km
DEPTH = 33.0km (normal)
4.6mb (1 obs.)
OFF COAST OF CENTRAL CHILE (134)

PEL	1.16	87	iPd	09	02.70	43.2X
RTCB	3.26	59	e(P)	08	52.00	2.4
RTCV	3.28	66	ePd	08	52.00	2.3
RFA	3.37	118	ePc	08	51.80	0.7
			S	09	41.00	
RTLL	3.58	59	ePc	08	55.40	1.3
CFA	3.62	65	ePc	08	55.10	0.6
			S	09	50.60	
VCA	5.56	38	ePc	09	22.00	-0.2
			e	09	30.50	
			e	09	43.80	
			e	10	01.20	
			S	10	29.00	
			e	10	39.50	
TCA	6.60	76	ePc	09	35.30	-1.5
			e	09	39.00	
			S	10	57.00	
FSA	8.85	38	e(P)	10	04.50	-3.5X
VBA	9.52	123	e(P)	10	15.60	-1.7
ANT	9.59	9	e(P)	10	10.00	-8.2X
			eS	12	22.00	
SLA	10.23	36	e(P)	10	26.00	-1.2
			(S)	12	37.00	
TPZ	12.08	15	eP	11	09.00	16.4X
YJA	12.45	29	eP	11	02.00	4.5X
ARE	16.70	2	eP	11	57.00	4.2X
CNCB	16.75	14	P	11	52.90	-0.9
LPB	17.00	13	eP	11	57.00	0.3
Z	17s		1.36um			
			LR	17	00.00	
VAO	24.31	72	eP	13	13.70	-1.5
BAO	27.94	57	e(P)	13	47.00	-2.0
SOB1	37.37	57	e(P)	15	22.00	11.1X
ITR	39.44	60	eP	15	28.10	-0.2
SPA	56.96	180	e(P)	17	45.50	1.7
JCT	68.57	334	eP	19	02.00	1.0
	1.0s		6.00nm			4.6mb
KIC	74.86	72	eP	19	38.00	-0.8
GBA	146.07	118	PKPd	27	37.10	-0.1
	1.0s		13.20nm			
POO	146.20	107	ePKP	27	28.70	-8.7X
HYB	149.27	114	ePKP	27	47.00	4.7X
	S.D. = 1.5		on 18 of 27 obs.			

* FEB 22, 1985 15h 21m 18.11± 1.52s
3.649 S ±13.3km 144.540 E ±11.7km
DEPTH = 36.0 ± 14.6 km
4.7mb (3 obs.)
NEAR N COAST OF PAPUA NEW GUINEA(200)

WEW	0.92	276	iP	21	34.50	-0.1
MDG	2.01	142	eP	21	51.00	0.6
PMG	6.28	156	eP	22	50.00	-0.9
WB2	19.00	211	eP	25	39.80	0.2
WRA	19.01	211	P	25	40.00	0.3
	0.7s		1.40nm			3.3mb X
KKN	65.00	303	eP	31	57.50	0.1
	1.0s		10.00nm			4.9mb
DMN	65.09	303	eP	31	58.40	0.4
	0.8s		6.00nm			4.7mb
GBA	68.73	286	Pc	32	20.40	-0.5
	1.1s		6.60nm			4.6mb
	S.D. = 0.6		on 8 of 8 obs.			

FEB 22, 1985 15h 48m 04.97± 0.12s
7.345 S ± 2.8km 128.507 E ± 3.4km
DEPTH = 193.6km (6 depth phases)
5.5mb (32 obs.)
BANDA SEA (280)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 9S, 15C
Centroid Location:

Origin Time 15:48: 3.4 0.7
Lat 7.47S 0.08 Lon 128.57E 0.08
Dep 176.3 3.0 Half-duration 2.0
Moment Tensor; Scale 10**24 D-CM
Mrr= 0.68 0.13 Mtt=-0.67 0.16
Mff=-0.01 0.18 Mrt=-1.49 0.13
Mrf= 0.14 0.15 Mtf=-0.15 0.17
Principal Axes:
T Val= 1.66 Plg=57 Azm=192
N -0.03 7 92
P -1.63 33 358
Best Double Couple:Mo=1.6*10**24
NP1:Strike= 64 Dip=14 Slip= 61
NP2: 274 78 97

TLE	4.54	68	iPc	49	05.00	-9.0X
MTN	6.05	155	eP	49	30.00	-3.5X
KNA	8.36	178	iPc	50	00.00	-3.8X
MNI	9.47	337	ePc	50	19.60	1.3
	1.5s	16.50nm			4.2mb	X
WB2	13.75	156	eP	51	07.20	-6.0X
			iS	53	30.70	
DAV	14.63	348	eP	51	24.00	-0.2
	1.6s	2133.33nm			6.3mb	
MBL	16.09	211	eP	51	42.00	-0.1
	0.4s	67.00nm			5.4mb	
CGP	16.15	346	iPc	51	41.60	-1.2
			iS	51	55.50	
ASPA	17.04	163	eP	51	52.00	-1.5
ISO	17.06	142	iPc	51	52.00	-1.8
MDG	17.29	84	eP	51	55.50	-0.8
KKM	18.09	317	ePd	52	04.80	-0.2
	0.8s	85.40nm			5.2mb	
MAP	18.12	346	iPd	52	05.00	-0.2
			iS	52	27.00	
PMG	18.56	98	eP	52	07.00	-2.8
	1.0s	1200.00nm			6.3mb	
WBN	18.78	185	iPc	52	11.90	-0.2
LMG	19.51	96	eP	52	20.00	0.3
MOM	19.55	75	eP	52	21.00	1.1
PPR	19.60	330	ePc	52	22.00	1.6
	1.0s	193.20nm			5.6mb	
NAU	19.63	218	iPc	52	20.20	-0.5
	0.5s	200.00nm			5.9mb	
LGP	20.91	347	ePc	52	34.90	1.3
CTA	21.36	128	iPc+	52	38.60	0.6
			iS	56	25.00	
MEK	21.38	205	iPc	52	37.60	-0.5
ALOA	21.81	99	eP	52	42.50	0.2
PGP	22.03	340	iPd	52	45.20	0.7
	0.2s	187.20nm			6.3mb	
QCP	23.05	341	eP	53	08.50	14.1X
KLG	24.24	195	iPc	53	05.40	-0.2
MRWA	24.75	207	eP	53	10.00	-0.3
BAL	25.65	204	iPc	53	17.80	-0.8
CVP	25.75	345	ePc	53	18.00	-1.6
	1.0s	66.00nm			5.3mb	
KLB	26.13	201	iPc	53	22.30	-0.6
	0.4s	83.00nm			5.8mb	
GUA	26.38	38	eP	53	24.90	-0.4
	1.0s	192.00nm			5.8mb	
GUMO	26.39	38	eP	53	24.70	-0.7
BGA	26.51	89	iPd	53	20.50	-6.2X
KGM	26.80	289	ePd	53	29.60	0.4
PAA	26.81	89	iP	53	28.00	-1.4
MUN	27.06	203	iPc	53	30.30	-1.0
	0.6s	49.00nm			5.4mb	
STK	27.29	155	iPc	53	32.80	-0.6
	0.6s	125.00nm			5.8mb	
NWAO	27.52	201	iPc	53	34.90	-0.6
	0.6s	133.00nm			5.8mb	
Z	22s	0.90um			4.3Msz	
RKG	28.64	200	iPc	53	50.20	4.7X
	0.5s	56.00nm			5.5mb	
CMS	28.96	148	iPc	53	47.90	-0.5
ADE	29.05	163	iPc	53	48.90	-0.3
	1.0s	150.00nm			5.7mb	
IPM	29.87	293	ePd	53	56.10	-0.5
	0.9s	34.00nm			5.1mb	
			e	54	51.80	286kmX
			e	56	56.00	
VSG	30.93	96	eP	54	05.00	-1.0
HNR	31.17	96	eP	54	07.00	-1.0
COO	31.85	140	iPc	54	14.00	0.2
	0.5s	71.00nm			5.6mb	
BFD	32.33	159	eP	54	18.00	0.2
YOU	32.47	148	iPc	54	19.60	0.4

HKC	32.64	335	eP	54	29.00	8.4X
CAN	33.60	149	iPc	54	29.50	0.6
			ipP	55	08.50	186km
RIV	33.66	145	eP	54	30.00	0.7
GZH	33.89	334	iPc	54	30.80	1.2
TOO	33.81	155	iPc	54	31.90	1.3
	0.8s	85.00nm			5.4mb	
WAM	34.23	150	eP	54	35.10	1.0
			ipP	55	12.30	175kmX
			iScP	00	34.90	
NNT	34.79	305	eP	54	38.90	-0.2
LOE	36.12	313	eP	54	49.00	-1.3
			e	00	41.80	
NST	36.23	309	eP	54	52.10	0.9
KHT	36.92	307	eP	54	57.80	0.8
			e	00	45.00	
KOU	37.02	115	iPc	54	57.60	-0.2
BDT	38.04	310	eP	55	06.80	0.4
	0.9s	72.00nm			5.3mb	
			e	00	50.30	
SSE	38.86	350	Pd	55	12.60	-0.4
	1.3s	162.00nm			5.5mb	
			pP	55	54.50	197km
			S	00	52.00	
CHG	39.05	312	iPd	55	15.80	1.0
	1.0s	43.50nm			5.0mb	
TAU	39.11	158	iPd	55	16.60	1.7
NOU	39.44	116	iPc	55	18.40	0.5
GYA	39.73	329	Pd	55	20.80	0.5
WHN	40.04	341	iPd	55	24.20	1.5
			ScP	00	57.50	
PVC	40.12	109	iPc	55	24.00	0.5
NJ2	40.24	347	iPd	55	25.00	0.7
			pP	56	07.00	196km
			ScP	00	58.00	
			eS	01	18.00	
KMI	40.88	323	iPd-	55	31.00	1.1
			pP	55	45.50	56kmX
			eS	01	00.00	
MAT	44.59	11	iPd	55	57.80	-1.8
	0.8s	42.54nm			5.0mb	
			eS	02	20.00	
TIA	44.63	347	Pd	55	58.90	-0.9
			ScP	01	15.40	
			ScS	05	38.80	
CD2	44.82	329	iPd	56	01.20	-0.3
			ePP	57	43.20	
			ScP	01	16.80	
			eS	02	20.00	
XAN	45.15	337	Pd	56	03.10	-0.9
DL2	46.46	353	eP	56	14.00	-0.2
TIY	47.27	343	iPd	56	20.20	-0.5
			ScP	01	25.70	
			ScS	06	03.50	
SHL	48.35	314	iP	56	28.70	-0.7
BJI	48.50	347	Pd	56	29.00	-1.0
			ScP	01	31.50	
			S	03	14.00	
			ScS	06	03.50	
LZH	49.03	333	iPd	56	34.50	0.2
	1.6s	528.00nm			5.8mb	
			ScP	01	34.50	
			iS	03	24.00	
SNY	49.14	355	eP	56	34.00	-0.8
			ScP	01	33.20	
HHC	50.43	343	Pd	56	45.00	0.1
			ScP	01	41.00	
MSZ	50.52	144	P	56	46.50	1.1
			pP	56	55 50	30kmX
			PP	57	28 00	
			PcP	58	00.50	
			eSP	01	40.00	
BTO	50.66	342	eP	56	46.00	-0.6
LSA	51.44	318	P	56	52.80	-0.3
			S	03	57.00	
KRP	52.24	133	P	56	59.60	1.2
			e	57	42.50	191km
			i	58	08.30	
TCW	52.74	137	iPc	57	01.60	-0.4
WEL	53.11	137	P	57	04.00	-0.7
MNG	53.31	136	P	57	05.20	-1.0
			pP	57	48.20	191km
GTA	53.57	332	iPd	57	08.80	0.5
			PcP	58	11.70	
			ScP	01	54.80	
			S	04	25.20	
			ScS	06	38.20	

KOD	53.74	288	eP	57	05.50	-4.6X
KOD	53.74	288	eP	57	09.50	-0.6
PKI	54.23	312	iPc	57	12.80	-0.8
	0.5s	20.00nm			5.0mb	
KKN	54.45	312	iPc	57	14.40	-0.6
DMN	54.48	311	iPc	57	14.80	-0.4
GBA	54.81	292	Pc	57	15.00	-2.4
	0.9s	30.00nm			5.0mb	
HYB	55.14	297	eP	57	18.00	-1.9
	0.8s	46.20nm			5.3mb	
			e	58	03.50	202km
AFI	58.93	102	P	57	47.00	0.4
POO	59.72	296	iPg	57	50.60	-1.2
NDI	61.03	308	iPc	57	58.00	-2.5
	0.7s	85.62nm			5.6mb	
WMQ	62.88	328	P	58	12.50	-0.2
			ScP	02	35.50	
			S	06	27.50	
			ScS	07	44.70	
QUE	69.79	306	eP	58	56.50	-0.2
			eS	07	42.00	
MHI	77.75	309	iPc	59	43.00	0.7
SHI	81.57	301	eP	00	03.00	0.1
PMO	81.98	104	eP	00	08.00	3.1X
	1.3s	95.00nm			5.4mb	
VAH	82.21	104	eP	00	09.00	2.8X
	1.3s	70.00nm			5.2mb	
TPT	82.24	104	eP	00	09.00	2.7X
	1.3s	120.00nm			5.5mb	
RUV	82.45	104	eP	00	10.00	2.6X
	1.3s	80.00nm			5.3mb	
SPA	82.70	180	iPc	00	08.80	0.8
	0.7s	93.75nm			5.6mb	
TTA	89.95	26	eP	00	43.70	0.6
IMA	91.75	24	eP	00	52.00	0.5
COL	93.92	25	eP	01	00.00	-1.3
FBA	93.92	25	eP	01	00.00	-1.3
BUL	96.70	249	iPc	01	55.00	40.9X
	1.0s	10.00nm				
INK	99.74	22	eP	01	27.00	-0.7
YKC	108.77	26	ePKP	06	12.50	0.4
NB2	109.41	333	PKP	06	13.90	0.5
	0.7s	2.60nm				
BNG	110.33	272	iPKPc	06	16.50	-0.1
	0.6s	8.00nm				
PRU	110.92	321	ePKP	06	17.20	0.6
KHC	111.74	320	ePKP	06	19.20	1.0
VOY	112.27	317	ePKP	06	19.20	-0.2
KBA	112.39	318	ePKP	06	18.00	-1.7
	0.6s	5.30nm				
			i	06	19.50	
			i	06	23.10	
FUR	113.46	320	iPKPd	06	22.00	0.4
	0.7s	26.00nm				
OSS	114.61	318	iPKPd	06	24.10	0.1
SAX	114.98	319	iPKPd	06	24.90	0.6
LLS	115.32	319	iPKPd	06	25.40	0.6
CDF	115.94	321	ePKP	06	25.80	-0.6
MEM	115.94	323	PKP	06	26.90	0.8
MMK	116.24	318	iPKPd	06	27.80	0.5
BSF	116.43	320	iPKPc	06	27.20	-0.2
DUG	116.50	49	PKP	96	28.60	0.8
DIX	116.60	318	iPKPd	06	28.40	0.4
HAU	116.66	320	ePKP	06	27.80	0.1
EMS	116 92	318	iPKPd	06	28.60	0.1
DOU	116.97	323	PKPd	96	29.00	0.9
MSU	117.37	50	PKP	06	31.20	1.6
FRF	117.89	316	ePKP	06	30.50	0.4
FFC	118.01	30	ePKP	06	23.00	-7.0X
	1.0s	7.00nm				
LMR	118.06	315	ePKP	06	30.80	0.4
LRG	118.12	316	ePKP	06	31.20	0.7
BDW	118.17	45	PKP	06	31.00	0.0
	0.8s	4.38nm				
LOR	118.49	320	ePKP	06	31.40	0.2
LBF	118.52	320	iPKPc	06	31.50	0.2
SMF	118.73	320	ePKP	06	31.70	0.0
EKA	118.75	331	PKP	06	32.00	0.6
	0.6s	8.20nm				
SSF	118.79	320	iPKPc	06	32.30	0.6
AVF	118.99	320	ePKP	06	32.10	0.0
BGF	119.40	320	iPKPc	06	33.60	0.7
MZF	119.70	320	ePKP	06	33.90	0.4
TCF	119.91	320	iPKPc	06	34.50	0.6
LSF	120.36	320	iPKPc	06	34.80	0.0
CAF	120.53	318	iPKPc	06	36.00	0.8
LPO	121.20	318	ePKP	06	37.40	1.0

22d 16h

MFF	121.28	321	ePKP	06	36.60	0.2
LFF	121.39	319	iPKPc	06	37.50	0.8
RSSD	121.50	42	PKP	06	37.20	-0.1
GOL	122.14	47	PKP	06	39.50	0.8
FRB	122.38	S	ePKPd	06	38.00	0.0
EPF	122.40	317	ePKP	06	39.30	0.5
ALQ	122.70	53	PKP	06	38.50	-1.3
RSON	124.32	31	PKP	06	42.00	-0.2
LTX	126.37	59	PKP	06	48.00	1.0
LHC	128.10	31	ePKP	06	50.00	0.5
JCT	129.32	56	ePKP	06	52.00	-0.5
	1.0s		67.50nm			
KIC	133.59	272	ePKP	06	52.00	-9.0X
ANT	144.03	150	iPKP	07	19.30	-0.4
TPZ	146.75	156	iPKPc	07	32.30	7.5X
YJA	147.61	155	ePKP	07	31.20	4.9X
ITB7	147.62	175	PKP	07	30.00	4.3X
ITB	147.95	175	PKPc	07	30.40	4.2X
ITB1	148.08	175	ePKP	07	30.70	4.4X
ARE	149.16	140	iPKPc	07	35.00	6.4X
VAO	149.52	188	ePKP	07	34.30	5.6X
			e	07	39.50	
			e	08	36.70	
CNCB	150.98	146	PKP	07	33.50	1.8
LPB	151.14	145	PKPc	07	34.00	2.3
			i	07	39.70	
UPA	152.20	85	iPKPd	07	40.30	7.5X
	1.0s		132.00nm			
SOB1	160.46	213	e(PKP)	07	44.00	0.8
	S.D. = 0.9		on 150 of 174 obs.			

• FEB 22, 1985 15h 50m 42.71± 0.82s
39.064 N ± 7.8km 24.660 E ± 8.3km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

PRK	1.27	81	ePb	51	06.50	0.3
			eSb	51	25.00	
ATH	1.32	214	ePb	51	07.00	0.0
			eSg	51	26.50	
EZN	1.50	59	iPn	51	09.20	-0.4
KZN	2.55	300	ePg	51	29.50	4.6X
MMB	2.62	345	iPc	51	25.00	-0.8
KDZ	2.63	11	eP	51	26.00	0.1
VAY	2.77	325	ePn	51	36.00	8.2X
KCT	3.09	66	ePn	51	39.00	6.6X
DST	3.12	79	eP	51	40.20	7.2X
OHR	3.60	306	eP	51	57.00	17.3X
VTS	3.70	343	iP	51	42.00	0.9
	S.D. = 0.8		on 6 of 11 obs.			

? FEB 22, 1985 15h 59m 43.08± 1.83s
33.872 S ±19.5km 72.541 W ±13.6km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

PEL	1.71	65	iPd	00	11.70	0.6
RTCV	3.92	60	ePc	00	43.50	1.0
			S	01	33.20	
RTCB	3.95	54	ePc	00	43.20	0.2
			S	01	32.00	
RTLL	4.27	55	eP	00	47.50	0.0
			S	01	41.00	
CFA	4.27	59	ePc	00	48.00	0.5
			S	01	41.70	
VCA	6.32	37	ePd	01	14.60	-1.9
			e	01	23.00	
			e	01	33.20	
			S	02	25.00	
			e	02	32.00	
			e	02	51.00	
TCA	7.17	72	ePc	01	26.90	-1.4
			e	01	31.00	
			(S)	02	46.60	
FSA	9.60	38	e(P)	02	05.50	3.5X
ANT	10.30	11	e(P)	02	07.00	-4.6X
			eS	04	06.00	
SLA	10.99	36	ePc	02	25.00	3.8X
YJA	13.21	30	e(P)	02	55.00	3.7X
CNCB	17.48	15	P	03	46.00	-0.5
LPB	17.72	14	Pd	03	50.80	1.4
	Z 17s		0.34um			
			LR	10	10.00	
ITR	40.11	59	eP	07	18.00	0.5
			e	07	43.30	
			e	08	21.60	
INK	111.39	340	ePKP	18	14.00	-0.3
GBA	146.11	119	PKPc	19	29.30	8.4X
	0.7s		3.50nm			
HYB	149.36	115	ePKP	19	39.50	13.4X
	S.D. = 1.1		on 11 of 17 obs.			

FEB 22, 1985 16h 19m 26.57± 0.56s
13.418 N ± 6.3km 120.696 E ± 9.6km
DEPTH = 82.4 ± 7.9 km
4.7mb (6 obs.)
MINDORO, PHILIPPINE ISLANDS (250)
Felt (II RF) at Puerto Galero.

PGP	0.26	71	iPc	19	38.00	-1.0
MAN	1.29	17	iPc	19	50.50	0.9
			iS	20	05.00	
LGP	2.97	95	ePc	20	14.20	1.8
PPR	4.10	208	iPd	20	28.50	0.4
			iS	21	13.00	
CVP	4.40	14	ePc	20	32.00	-0.3
	1.0s		82.60nm			
PIP	4.88	359	iPd	20	38.00	-1.0
MBL	34.37	181	eP	26	08.00	0.3
WRA	35.77	158	Pc	26	16.50	-3.1X
	0.6s		6.10nm		4.7mb	
WB2	35.77	158	iPc	26	17.80	-1.9
			e	26	36.20	
PKI	35.78	299	eP	26	20.20	0.0
	0.7s		9.00nm		4.8mb	
KKN	35.95	299	eP	26	21.60	0.1
	0.7s		9.00nm		4.8mb	
DMN	36.05	299	eP	26	22.60	0.2
	0.7s		6.00nm		4.6mb	
NAU	36.10	188	iPc	26	22.90	0.5
ASPA	39.05	161	eP	26	46.00	-1.2
MEK	39.84	183	eP	26	54.00	0.3
GBA	42.02	275	Pc	27	12.50	0.8
	0.7s		7.00nm		4.6mb	
MRWA	42.63	186	iPc	27	16.80	0.4
KLG	43.95	179	iPc	27	26.80	-0.3
NWAO	46.20	184	iPc	27	45.10	0.1
	0.6s		20.00nm		5.2mb	
	S.D. = 1.0		on 18 of 19 obs.			

• FEB 22, 1985 17h 09m 11.40± 1.32s
33.319 S ±10.4km 72.027 W ±12.2km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
OFF COAST OF CENTRAL CHILE (134)

PEL	1.14	82	iPd	09	30.50	-0.6
RTCB	3.29	57	eP	10	03.00	1.1
RTCV	3.29	65	ePd	10	03.00	1.2
			S	10	48.20	
RFA	3.29	117	ePc	10	02.40	0.5
RTLL	3.61	58	eP	10	07.00	0.6
CFA	3.63	63	ePc	10	07.30	0.6
			S	11	04.80	
VCA	5.62	37	ePd	10	33.00	-2.0
			e	10	41.50	
			e	10	54.00	
			S	11	51.50	
			e	12	14.00	
TCA	6.60	75	ePc	10	45.90	-2.8
			e	10	49.00	
			S	12	06.50	
FSA	8.91	37	e(P)	11	16.00	-4.7X
VBA	9.44	123	iPd	11	29.00	0.8
ANT	9.68	9	e(P)	11	42.00	10.5X
			eS	13	44.00	
SLA	10.29	35	eP	11	40.00	0.0
			(S)	14	03.00	
YJA	12.51	29	e(P)	12	10.00	-0.4
ARE	16.79	2	eP	13	08.00	2.0
CNCB	16.84	13	P	13	06.30	-0.5
LPB	17.09	13	Pc	13	10.90	1.1
	1.4s		83.72nm		4.7mb	
			LR	18	35.00	
BAO	27.97	57	e(P)	14	57.00	-4.2X
ITR	39.46	59	eP	16	36.90	-3.5X
			e	17	02.80	
SPA	56.86	180	e(P)	19	03.50	8.4X
JCT	68 68	334	eP	20	12.10	-1.5
	1.0s		6.00nm		4.6mb	
GBA	145.99	118	PKP	28	49.00	-0.1
HYB	149.20	114	ePKP	28	57.00	2.8X
	S.D. = 1.4		on 16 of 22 obs.			

• FEB 22, 1985 17h 41m 12.17± 1.63s
32.883 S ±14.3km 72.076 W ±18.0km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

PEL	1.20	103	iPd	41	33.40	0.7
CFA	3.49	70	ePc	42	13.10	7.6X
			S	43	05.00	
RFA	3.55	123	e(P)	42	05.40	-0.9
VCA	5.31	40	ePd	42	36.00	4.7X
			S	43	37.10	
TCA	6.53	78	eP	42	48.80	0.2
			e	42	52.40	
			S	44	08.80	
ANT	9.26	10	eP	43	47.00	20.6X
			eS	45	45.00	
SLA	9.96	37	eP	43	45.00	8.7X
CNCB	16.43	14	eP	45	07.00	4.6X
LPB	16.67	13	eP	45	05.00	-0.4
			eLR	52	35.00	
ITR	39.27	60	eP	48	39.50	-0.2
GBA	146.23	117	PKPd	00	50.80	0.6
	0.6s		1.80nm			
	S.D. = 0.8		on 6 of 11 obs.			

• FEB 22, 1985 18h 14m 52.04± 1.16s
32.920 S ±10.4km 72.298 W ±13.0km
DEPTH = 33.0km (normal)
4.8mb (1 obs.)
OFF COAST OF CENTRAL CHILE (134)

PEL	1.37	100	iPd	15	13.70	-1.4
MDZ	2.90	90	iP	15	38.60	1.6
RTCB	3.29	65	ePc	15	45.00	2.4X
			S	16	33.00	
RTCV	3.35	73	ePc	15	45.20	1.8
			S	16	34.00	
			S	35	31.00	
RTLL	3.61	65	ePc	15	49.00	1.9
CFA	3.68	70	ePc	15	49.00	1.0
			S	16	41.30	
RFA	3.69	121	ePc	15	45.60	-2.5
			(S)	16	37.30	
VCA	5.45	41	ePd	16	16.00	2.7X
			S	17	33.50	
TCA	6.73	79	iPc	16	28.00	-3.1X
			e	16	32.00	
			S	17	49.00	
FSA	8.74	40	e(P)	16	58.00	-1.1
ANT	9.33	11	eP	17	06.00	-1.2
			e(S)	19	13.00	
VBA	9.85	124	e(P)	17	07.70	-6.8X
SLA	10.11	38	eP	17	18.00	-0.1
			(S)	19	24.80	
YJA	12.28	31	eP	17	51.60	3.6X
ARE	16.40	3	eP	18	50.00	8.3X
CNCB	16.51	15	P	18	46.50	3.2X
			i	18	51.50	
LPB	16.75	14	eP	18	46.00	-0.2
	1.3s		96.15nm		4.8mb	
			i	18	51.30	
			LR	24	30.00	
VAO	24.40	73	eP	20	07.30	-1.4
ITR	39.45	60	eP	22	19.70	-1.4
SPA	57.26	180	e(P)	24	39.00	0.4
KIC	74.95	72	eP	26	32.00	0.0
MBC	112.83	349	ePdiff	29	21.00	-10.4X
QUE	145.32	83	ePKP	34	30.00	1.5
GBA	146.38	118	PKPd	34	31.60	1.3
	0.7s		6.80nm			
HYB	149.57	113	ePKP	34	40.00	4.6X
	S.D. = 1.5		on 16 of 25 obs.			

• FEB 22, 1985 19h 06m 12.91± 1.83s
33.100 S ± 8.8km 71.802 W ±16.3km
DEPTH = 64.9 ± 13.1 km
4.9mb (3 obs.)
NEAR COAST OF CENTRAL CHILE (135)

PEL	0.94	93	iPd	06	28.80	-1.9
MDZ	2.49	86	iP	06	54.40	2.4
			iS	07	35.20	
VCA	5.33	36	ePd	07	32.50	0.5
			S	08	51.00	
TCA	6.36	76	e(P)	07	13.00	-33.2X
VBA	9.40	124	iPd	08	27.80	-0.4
ANT	9.44	8	e(P)	08	16.00	-12.6X

	Z 17s		5.53um			
			eLR	11	24.00	
SLA	10.00	35	e(P)	08	37.00	0.5
YJA	12.23	29	e(P)	09	11.60	4.9X
ARE	16.57	1	eP	10	03.00	0.2
CNCB	16.58	13	P	10	03.70	0.5
			i	10	07.00	
LPB	16.83	12	P	10	05.30	-0.9
	1.5s	138.89nm			4.9mb	
	Z 17s		3.74um			
			S	13	42.00	
			LR	15	15.00	
VAO	24.06	72	eP	11	23.60	0.3
BAO	27.69	57	e(P)	11	56.00	-1.1
ITR	39.1B	59	eP	13	34.90	-1.5
SPA	57.0B	180	e(P)	15	55.00	0.4
JCT	68.56	334	iP	17	10.50	-0.3
	1.0s	15.00nm			4.9mb	
KIC	74.61	72	eP	17	46.80	-0.4
BNG	92.69	86	ePc	19	20.00	0.7
	0.9s	5.00nm			4.9mb	
			id	19	36.90	
QUE	144.92	83	ePKP	25	45.00	0.4
GBA	145.93	117	PKPd	25	46.80	0.4
	1.2s	16.90nm				
HYB	149.11	113	ePKP	25	55.60	4.1X
	S.D. = 1.1	on	17 of	21	obs.	

• FEB 22, 1985 19h 19m 05.46± 1.32s
33.262 S ±11.9km 71.878 W ±14.2km
DEPTH = 33.0km (normal)
4.8mb (2 obs.)
NEAR COAST OF CENTRAL CHILE (135)

PEL	1.01	84	iPd	19	23.20	-0.1
MDZ	2.57	82	iP	19	40.70	-5.1X
			iS	20	29.80	
VCA	5.50	36	ePd	20	21.00	-6.4X
TCA	6.46	75	iPd	20	40.50	-0.3
			e	20	43.00	
			S	21	45.00	
VBA	9.37	123	ePd	21	21.80	0.6
SLA	10.17	35	eP	21	34.80	2.4
YJA	12.40	29	e(P)	22	04.00	1.0
ARE	16.73	1	eP	23	03.00	3.7X
CNCB	16.76	13	P	22	59.90	0.1
			i	23	04.00	
LPB	17.00	12	eP	23	01.00	-1.8
	1.2s	78.13nm			4.7mb	
			i	23	05.70	
			LR	28	20.00	
VAO	24.17	71	eP	24	19.50	-0.4
BAO	27.83	57	e(P)	24	53.00	-1.1
ITR	39.32	59	eP	26	32.10	-1.3
JCT	68.68	334	iP	30	08.00	0.3
	1.0s	9.00nm			4.8mb	
ORO	106.58	46	ePdiff	33	23.50	5.6X
GBA	145.91	118	PKPc	38	43.70	0.7
	1.1s	15.10nm				
HYB	149.11	113	ePKP	38	53.20	5.1X
	S.D. = 1.2	on	12 of	17	obs.	

• FEB 22, 1985 19h 33m 55.44± 1.42s
33.083 S ± 8.0km 71.740 W ±11.5km
DEPTH = 65.7 ± 11.2 km
5.0mb (8 obs.)
NEAR COAST OF CENTRAL CHILE (135)
Felt (II) at Mendozo, Argentino.

PEL	0.89	94	iPd	34	11.30	-1.3
MDZ	2.44	86	iP	34	35.90	2.1
			iS	35	12.70	
RTCB	2.96	58	ePc	34	43.00	1.9
RFA	3.20	123	iPc	34	43.30	-1.2
RTLL	3.2B	59	ePc	34	46.40	0.8
CFA	3.31	65	ePc	34	47.00	1.0
			S	35	40.50	
VCA	5.29	36	ePd	35	13.40	-0.5
TCA	6.30	76	iPc	35	26.50	-1.5
			e	35	29.00	
VBA	9.37	125	ePd	36	06.50	-3.7X
ANT	9.42	7	eP	36	03.00	-7.8X
			eS	38	06.00	
SLA	9.96	35	e(P)	36	14.80	-3.6X
			(S)	38	27.00	
YJA	12.19	28	e(P)	36	49.40	0.7
ARE	16.55	1	e(P)	37	46.00	0.9
CNCB	16.56	13	P	37	44.20	-1.2
			i	37	50.00	
LPB	16.80	12	Pc	37	46.20	-2.2
	1.5s	277.78nm			5.2mb	
	Z 17s		6.12um			
			i	37	51.50	
			S	41	18.00	
			LR	42	50.00	
VAO	24.01	72	eP	39	05.30	0.1
			e	39	14.10	
BAO	27.64	57	iPd	39	38.00	-1.1
SOB1	37.06	57	eP	41	00.10	-0.9
ITR	39.13	59	eP	41	16.50	-1.9
SDV	41.75	2	eP	41	40.10	0.1
	0.9s	83.30nm			5.5mb	
TOV	42.67	3	eP	41	47.50	0.1
SPA	57.09	180	e(P)	43	36.30	-0.9
JCT	68.57	334	iP	44	53.20	0.0
	1.1s	25.32nm			5.1mb	
LTX	69.06	330	eP	44	56.50	0.1
TUL	72.23	340	eP	45	14.50	-0.8
	1.1s	19.10nm			4.9mb	
RLO	72.25	340	e(P)	45	14.70	-0.7
FVM	72.81	345	iP	45	17.90	-0.8
	1.0s	11.00nm			4.7mb	
KIC	74.56	72	eP	45	29.50	0.2
GLA	77.29	324	eP	45	46.20	1.9
BAR	77.92	322	eP	46	04.00	16.2X
TPC	78.74	324	eP	46	00.00	7.7X
GOL	78.83	334	eP	45	53.00	0.0
RVR	79.32	323	eP	46	04.00	8.6X
GSC	80.07	324	eP	46	06.00	6.5X
SBB	80.09	323	eP	46	07.00	7.4X
CLC	80.87	324	eP	46	09.00	5.3X
ISA	81.18	323	eP	46	05.00	-0.3
RSSD	82.29	337	eP	46	19.00	7.9X
EUR	83.02	327	iP	46	16.20	1.2
	1.0s	4.81nm			4.4mb	
BDW	83.07	333	eP	46	15.00	-0.2
	1.2s	2.90nm			4.1mb	
JAS1	83.92	323	eP	46	22.00	2.7X
EVA	84.26	118	eP	46	22.50	0.8
SCH	87.65	3	eP	46	38.00	0.8
SES	90.09	336	eP	46	49.00	0.0
BNG	92.63	86	iPd	47	02.90	1.4
	0.9s	9.00nm			5.2mb	
			id	47	14.90	
GBA	145.89	117	PKPc	53	27.50	-1.3
	0.6s	7.90nm				
POO	145.98	107	ePKP	53	30.20	1.3
HYB	149.07	113	ePKP	53	3B.10	4.2X
IPM	150.85	165	ePKPd	53	42.40	5.7X
NDI	153.05	91	ePKP	53	47.00	7.6X
PKI	159.54	100	ePKP	53	49.20	1.1
	1.2s	9.00nm				
	S.D = 1.1	on	37 of	51	obs.	

• FEB 22, 1985 19h 49m 36.79± 1.69s
33.168 S ±13.1km 72.233 W ±15.8km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

PEL	1.30	89	iPd	49	58.30	-0.5
MDZ	2.86	85	iP	50	26.80	5.7X
RTCB	3.36	61	ePc	50	29.50	1.2
RTCV	3.38	68	ePc	50	29.80	1.2
RFA	3.52	118	ePd	50	30.30	-0.2
			S	51	22.50	
RTLL	3.68	61	eP	50	33.50	0.7
			S	51	24.50	
TCA	6.73	76	ePc	51	13.60	-2.3
			e	51	17.00	
SLA	10.27	37	eP	52	06.00	0.9
ARE	16.65	2	eP	53	35.00	5.5X
CNCB	16.73	14	eP	53	31.00	0.1
			i	53	36.00	
LPB	16.98	14	eP	53	32.00	-1.8
KIC	74.98	72	eP	01	16.30	-0.6
GBA	146.22	118	PKPd	09	16.10	1.3
	0.5s	2.90nm				
	S.D. = 1.4	on	11 of	13	obs.	

FEB 22, 1985 20h 38m 46.15± 0.15s
54.476 N ± 3.4km 161.211 W ± 2.2km
DEPTH = 33.0km (normal)
5.3mb (73 obs.) 4.9Msz (6 obs.)
ALASKA PENINSULA (12)

ML 5.1 (PMR), Ms 4.9 (BRK). Felt (III) at Cold Bay, Sand Point and King Cove.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 11S, 20C
Centroid Location:
Origin Time 20:38:47.5 0.7
Lat 54.36N 0.08 Lor. 161.26W 0.11
Dep 59.1 5.5 Half-duration 1.8
Moment Tensor; Scale 10**24 D-CM
Mrr= 0.97 0.06 Mtt=-1.08 0.11
Mff= 0.11 0.07 Mrt= 0.56 0.08
Mrf= 0.35 0.09 Mtf=-0.58 0.11
Principal Axes:
T Val= 1.14 Plg=73 Azm=303
N 0.32 9 65
P -1.47 14 157
Best Double Couple:Mo=1.3*10**24
NP1:Strike=259 Dip=32 Slip= 107
NP2: 59 60 80

SDN	0.96	25	eP	39	04.50	1.2
KDC	5.88	53	eP	40	10.60	-2.5X
SVW	7.29	22	eP	40	33.60	0.6
TTA	8.89	16	P	40	54.50	-0.9
PMR	9.57	37	P	40	59.00	-5.6X
PME	9.63	37	eP	41	03.60	-1.9
ADK	9.65	261	P	41	05.50	-0.1
IMA	12.20	15	eP	41	40.30	-0.2
COL	12.42	27	eP	41	38.00	-5.3X
	0.8s	13.06nm			5.1mb	
			e	41	49.00	
FBA	12.42	27	eP	41	39.00	-4.3X
PNL	12.93	57	eP	41	47.60	-2.4
SMY	14.74	273	e(P)	42	12.50	-1.2
BRW	17.00	5	eP	42	43.10	0.5
INK	18.92	32	eP	43	03.00	-3.3X
	0.7s	62.00nm			4.9mb	
			pP	43	20.00	
PHC	20.74	87	eP	43	36.50	10.4X
YKC	25.19	53	eP	44	09.50	-0.2
	0.9s	14.00nm			4.6mb	
LON	25.88	91	P	44	19.00	2.6X
PNT	25.89	84	eP	44	17.00	0.6
	1.0s	120.00nm			5.4mb	
			pP	44	30.00	53kmX
EDM	27.84	73	ePc	44	33.70	-0.5
	1.3s	94.00nm			5.3mb	
NEW	27.84	85	eP	44	34.00	-0.3
WDC	29.16	102	ePc	44	47.50	1.3
			ipP	44	58.30	40kmX
RMT	29.53	104	P	44	50.50	1.0
MIN	29.85	102	ePc	44	53.20	0.6
			ipP	45	04.00	39kmX
SES	30.32	77	eP	44	55.00	-1.5
ORV	30.44	103	ePc	44	57.50	-0.1
			ipP	45	08.70	41kmX
BRK	31.17	106	eP	45	04.50	0.5
LRM	31.84	85	eP	45	10.20	0.1
MHC	31.90	106	eP	45	11.00	0.5
			epP	45	22.00	41kmX
JAS1	32.17	104	iPc	45	14.40	1.6
			ipP	45	24.80	38kmX
			e	45	28.90	
			e	46	03.90	
BMN	32.32	97	eP	45	14.50	0.3
	1.1s	25.97nm			5.0mb	
HPI	32.68	89	P	45	17.70	0.2
PRS	32.77	107	ePc	45	18.80	0.8
LLA	32.80	106	eP	45	19.00	0.7
MNA	33.11	101	ePc	45	22.30	1.2
			ipP	45	33.10	39kmX
FRI	33.23	105	eP	45	22.90	0.9
			epP	45	33.80	40kmX
FFC	33.42	65	eP	45	22.50	-1.0
	0.8s	10.00nm			4.8mb	
TMI	33.61	89	P	45	26.00	0.5
EUR	33.67	98	iP	45	26.50	0.5
	0.5s	9.31nm			5.0mb	
WKTM	34.80	105	P	45	35.50	-0.1
SYP	34.86	108	eP	45	47.00	10.7X
ISA	34.88	105	eP	45	35.00	-1.3
CLC	35.26	104	eP	45	39.00	-0.6
BDW	35.30	88	eP	45	40.00	0.0
	1.2s	23.19nm			5.0mb	
SBB	35.95	105	eP	45	45.00	-0.4

22d 20h

GSC		36.08	104	eP	45	47.00	0.5	UPP		66.01	1	iP	49	29.60	-1.3	LBF		78.14	10	iPc	50	43.20	0.1
MWC		36.16	106	eP	45	58.00	10.7X	CD2		68.22	293	iPc	49	45.50	0.1			0.7s		5.50nm			4.7mb
SDW		36.43	105	P	45	49.50	0.0	GZH		68.94	280	P	49	50.80	1.0	SOP		78.20	2	iPc	50	44.20	0.9
RVR		36.71	106	eP	45	52.00	0.3	EKA		69.08	13	Pd	49	50.50	0.3	AVF		78.26	11	iPc	50	44.00	0.3
				e	46	02.00				0.6s		32.20nm			5.6mb			0.7s		6.20nm			4.7mb
TPC		37.38	104	eP	45	57.00	-0.4	MUD		69.15	6	iPc	49	50.60	0.0	BUD		78.42	360	iPc	50	45.50	1.0
				e	46	07.00				0.7s		24.00nm			5.4mb			1.6s		53.40nm			5.3mb
ALE		37.52	12	ePc	45	57.30	-0.7	DMU		69.92	16	iPc	49	55.10	-0.3	BGF		78.44	11	iPc	50	44.70	0.0
		0.9s		24.00nm			5.1mb			1.3s		180.00nm			6.0mb			1.1s		25.70nm			5.2mb
RSSD		37.70	82	eP	46	00.00	-0.2	COP		70.08	4	iP	49	46.00	-10.3X	SMF		78.46	10	iPc	50	45.00	0.2
		0.8s		15.85nm			4.9mb	GYA		70.10	288	P	49	56.80	-0.2			0.8s		16.10nm			5.1mb
GLA		38.84	104	eP	46	10.00	0.4	DCN		70.40	16	iPc	49	58.20	-0.1	LSF		78.59	12	iPc	50	45.80	0.3
				e	46	20.00				0.8s		115.00nm			6.0mb			0.9s		25.70nm			5.2mb
RSON		39.68	67	P	46	16.00	-0.4	ETA		71.19	16	iPc	50	03.10	0.0	TCF		78.63	12	iPc	50	46.10	0.3
GOL		39.69	88	eP	46	18.10	1.1			1.0s		110.00nm			5.9mb			0.8s		4.00nm			4.5mb
		1.0s		52.50nm			5.3mb	ECB		71.42	16	iPc	50	04.10	-0.4	KBA		78.72	4	iPc	50	47.20	0.7
	Z	18s		1.95um			5.0Msz			1.0s		80.00nm			5.7mb			1.3s		86.30nm			5.6mb
GLD		39.75	88	eP	46	18.00	0.7	ECP		71.67	16	iPc	50	04.80	-1.1					i	51	06.60	
		1.0s		210.00nm			5.9mb			1.1s		170.00nm			6.0mb	SHL		78.74	298	iP	50	46.00	-1.0
	Z	18s		1.84um			5.0Msz	WIT		72.61	8	ePc	50	12.50	1.0	MZF		78.74	11	iPc	50	46.80	0.4
ALQ		42.30	94	P	46	38.00	-0.3	KMI		73.32	290	eP	50	15.50	-0.9			0.9s		9.70nm			4.8mb
		1.0s		31.25nm			5.0mb					eS	00	08.00		RJF		79.51	12	eP	50	50.80	0.2
LHC		43.44	67	eP	46	46.00	-1.2	WTS		73.43	8	iPc	50	16.60	0.3	CTI		79.67	5	eP	50	52.50	1.0
TSK		43.70	270	eP	46	49.20	-0.3			0.9s		40.00nm			5.4mb	LFF		79.78	13	iPc	50	52.60	0.6
MDJ		44.24	287	eP	46	52.50	-1.2	KSH		74.39	317	P	50	24.00	1.7			1.0s		34.80nm			5.3mb
FRB		44.34	39	iPc	46	53.80	-0.4	UCC		74.40	9	Pc	50	22.40	0.4	CAF		79.96	12	iPc	50	53.40	0.4
		0.7s		79.00nm			5.7mb	ENN		74.58	8	ePc	50	23.00	0.0			0.9s		8.10nm			4.7mb
DDR		44.38	271	eP	46	56.60	1.5			0.9s		35.00nm			5.4mb	SAL		80.04	6	eP	50	53.50	0.1
MAT		44.58	272	iPc	46	56.80	0.2	MEM		74.74	8	Pc	50	24.00	0.1	LPO		80.08	13	eP	50	54.30	0.6
		1.2s		79.69nm			5.4mb	BRG		74.94	3	iPc	50	25.00	-0.1	KKN		80.19	304	iPc	50	55.40	0.6
	Z	20s		1.42um			4.9Msz					i	50	35.50		MLR		80.22	355	eP	50	55.50	1.0
				eS	53	46.00		KSP		75.03	2	ePc	50	25.20	-0.4	PKI		80.31	304	iPc	50	56.00	0.4
SRY		44.61	270	eP	46	57.10	0.3			0.9s		35.00nm			5.4mb	DMN		80.43	304	iPc	50	57.00	0.9
GDH		45.93	28	iPc	47	06.60	-0.2	MOX		75.08	5	iPc	50	26.00	0.1	CHG		80.46	289	iPc	50	55.60	-0.4
		1.2s		34.38nm			5.2mb			1.4s		93.00nm			5.6mb			0.6s		7.67nm			4.9mb
DAG		46.87	11	iPd	47	13.70	-0.5	DOU		75.12	9	Pc	50	26.20	0.1	BEO		81.07	359	iP	50	58.90	0.1
		0.4s		62.71nm			6.0mb	TNS		75.31	7	ePc	50	27.30	0.0					i	51	08.10	
CN2		47.06	289	Pc	47	15.20	-0.9	HOF		75.42	5	iPc	50	27.90	0.0	EPF		81.60	14	iPc	51	01.70	0.0
TUL		47.84	85	ePd	47	21.40	-0.9	WLF		75.69	8	Pc	50	29.80	0.4			1.0s		10.80nm			4.8mb
		1.1s		24.20nm			5.1mb	LSA		75.74	301	Pc	50	30.30	-0.3	BDT		81.69	288	eP	51	02.50	0.0
	N	18s		0.62um				KRA		75.84	359	iPc	50	30.20	0.0	LGR		81.74	16	eP	51	05.00	2.6X
	E	18s		0.32um						0.6s		35.00nm			5.5mb	FRF		81.79	9	eP	51	03.60	1.0
LTX		47.99	97	iP	47	24.00	0.3					i	50	32.60		LMR		82.00	9	iPc	51	04.90	1.2
RLO		48.10	84	ePd	47	22.30	-2.1	PRU		75.85	3	Pc	50	30.70	0.4	NST		82.34	286	eP	51	06.20	0.4
SHK		49.21	274	ePc	47	33.20	0.3			1.4s		37.30nm			5.2mb	MHI		83.04	328	iPc	51	10.80	1.4
JCT		49.39	93	iP	47	33.00	-1.4		Z	20s		1.10um			5.2Msz	NDI		83.15	311	iPc	51	09.50	-0.4
		1.0s		125.00nm			5.9mb					e	50	41.00				0.7s		75.34nm			5.9mb
	Z	22s		1.48um			4.9Msz	FLN		75.86	13	iPc	50	30.10	-0.3	SKO		83.90	358	iP	51	14.30	0.8
SNY		49.39	288	Pc	47	34.40	0.2			0.7s		6.60nm			4.7mb		E	10s		0.85um			
FVM		49.50	79	eP	47	33.10	-2.0	LDF		76.07	13	iPc	50	31.50	-0.1	KHT		83.92	287	eP	51	14.50	0.5
		1.0s		31.00nm			5.3mb			1.2s		26.10nm			5.1mb	TOL		83.99	17	iPc	51	15.00	0.9
POW		50.34	81	P	47	38.00	-3.5X	GRR		76.18	13	iPc	50	32.20	0.0			1.4s		4.00nm			4.4mb
SCH		50.50	48	ePc	47	41.00	-1.6			1.2s		30.80nm			5.2mb	DUI		84.17	3	e(P)	51	16.50	1.7
ATX		50.64	92	eP	47	54.00	10.1X	GWF		76.49	8	iPc	50	33.80	-0.2	VAY		84.52	357	iP	51	17.40	0.8
HKT		52.09	90	eP	47	55.00	0.1	LPF		76.50	14	iPc	50	34.20	0.2	OHR		84.77	358	eP	51	18.00	0.0
MNT		53.52	61	iP	48	03.00	-2.3			0.8s		15.90nm			5.1mb	TAB		84.83	339	e(P)	51	20.00	1.5
				pP	48	14.00	37kmX	WET		76.63	4	iPc	50	35.20	0.4	NNT		85.06	285	eP	51	20.20	0.5
RSNY		53.71	62	eP	48	06.40	-0.4			1.5s		45.00nm			5.3mb	QUE		86.03	320	eP	51	25.00	0.3
BJI		54.70	291	eP	48	13.00	-1.0	KHC		76.67	4	iPc	50	36.20	1.2	CTA		86.76	228	iPc	51	28.20	0.3
KEV		55.93	357	iP	48	21.00	-1.6			1.1s		62.50nm			5.5mb			1.3s		46.15nm			5.6mb
		0.6s		35.20nm			5.6mb					e	50	46.30		WB2		92.20	238	eP	51	53.30	-0.2
TIA		56.90	287	eP	48	29.40	-0.6					e	51	08.40		WRA		92.21	238	Pc	51	51.40	-2.1
AKU		56.91	17	iP	48	31.20	1.5					e	52	24.20				1.2s		13.10nm			5.2mb
		0.9s		30.25nm			5.3mb	SPC		76.70	359	iP	50	36.10	0.8	HYB		92.24	304	ePc	51	54.00	0.1
BTO		57.60	296	iPc	48	34.40	-0.6	GRC1		76.72	5	iPc	50	35.50	0.3	POO		93.47	309	eP	52	00.00	0.4
SOD		58.33	356	iP	48	38.00	-1.6		Z	20s		0.20um			4.4Msz	GBA		96.05	303	Pc	52	10.00	-1.4
SSE		58.35	280	Pd	48	40.00	-0.1					e	50	37.10				0.8s		8.80nm			5.3mb
		2.0s		272.00nm			6.0mb	BUH		76.84	7	ePc	50	36.20	0.3	BNG		121.30	0	iPKPc	57	18.00	-19.4X
	Z	26s		1.00um			4.8MszX	PMG		76.96	233	eP	50	36.50	-0.4			0.7s		6.00nm			
TIY		58.40	292	eP	48	39.80	-0.8			1.1s		50.63nm			5.5mb					ic	57	36.30	
NJI		58.97	283	Pc	48	43.60	-0.9	CDF		77.03	8	eP	50	37.10	0.1					ic	59	04.70	
KJF		61.46	356	iP	49	00.10	-1.0			0.7s		7.40nm			4.8mb	KRI		141.50	343	ePKP	58	17.00	1.4
		0.9s		43.90nm			5.6mb	HAU		77.35	9	iPc	50	39.10	0.3					ipPKP	58	28.00	
WHN		62.65	285	P	49	09.50	0.0			0.8s		10.70nm			4.9mb	SPA		144.29	180	ePKP	58	16.80	-2.1
SUF		63.00	356	iP	49	10.40	-1.0	JOS		77.39	359	iPc	50	39.20	0.3			1.1s		41.67nm			
		0.5s		23.90nm			5.6mb	FUR		77.54	5	eP	50	40.20	0.4	BUL		144.92	344	iPKPc	58	20.10	-1.3
XAN		63.03	291	P	49	11.40	-0.6	BSF		77.56	8	eP	50	40.10	0.1			0.9s		39.08nm			
GTA		63.71	301	iPc	49	15.90	-0.7			0.8s		24.10nm			5.3mb					ipP	58	30.30	
LZH		64.19	296	iPc	49	19.50	-0.3	ZST		77.69	1	iPc	50	42.50	2.0	KSR		150.80	345	iPKPd	58	35.60	4.9X
		2.0s		254.00nm			6.0mb	LOR		77.85	10	iPc	50	41.60	0.1			0.8s		21.88nm			
NBC		64.67	4	P	49	21.60	-0.8			1.1s		20.50nm			5.1mb	EVA		151.05	341	ePKP	58	36.50	5.5X
		0.9s		64.10nm			5.7mb	SSF		78.01	11	iPc	50	42.70	0.3			0.9s		33.61nm			
NUR		65.27	357	iP	49	25.20	-0.9			0.8s		13.40nm			5.0mb	BFS		151.83	345	iPKPd	58	38.20	6.1X
		0.9s		91.30nm			5.9mb	MFF		78.02	13	iPc	50	42.70	0.3			0.5s		21.13nm			
WMO		65.91	312	iPc	49	30.50	-0.1			1.0s		45.60nm			5.5mb	VIR		152.97	344	iPKPd	58	40.50	6.8X
				iPcP	50	02.00		BHG		78.05	4	eP	50	43.10	0.5			0.4s		20.34nm			
KONO		65.99	5	iP+	49	30.60	-0.2	SRO		78.08	0	eP	50	44.00	1.3	SEK		153.09	343	ePKP	58	41.00	7.1X

0.6s 20.67nm
S.D. = 0.8 on 185 of 204 obs.

? FEB 22, 1985 22h 32m 05.32± 0.75s
42.245 S ±15.8km 88.506 E ±16.4km
DEPTH = 10.0km (geophysicist)
4.9mb (6 obs.)
SOUTHEAST INDIAN RISE (435)

WRA	44.45	74	Pc	40 17.20	-1.1
	1.3s	11.40nm			4.6mb
WB2	44.46	75	eP	40 18.60	0.2
SPA	47.95	180	e(P)	40 47.20	1.5
BUL	54.60	274	iP	41 35.00	-1.5
	0.8s	3.73nm			4.5mb
			i	41 43.40	
GBA	56.50	347	Pd	41 51.30	1.5
	1.0s	5.70nm			4.6mb
HYB	60.07	349	eP	42 17.20	2.4
PKI	69.52	357	eP	43 16.20	-0.2
	1.4s	26.00nm			5.2mb
DMN	69.57	357	eP	43 16.60	0.0
	1.1s	28.00nm			5.3mb
KKN	69.75	357	eP	43 16.80	-0.8
	1.1s	24.00nm			5.3mb
QUE	74.76	341	eP	43 46.40	-0.9
XAN	78.19	17	eP	44 05.30	-1.0
BNG	78.33	287	ePc	43 55.80	-11.7X
	0.8s	4.00nm			
			ic	44 17.00	
GTA	81.92	9	eP	44 26.60	0.4
TIA	82.35	23	eP	44 29.30	1.0
BJI	85.66	21	eP	44 45.00	0.0
WMO	85.68	359	P	44 49.50	4.4X
INK	145.79	26	ePKP	51 43.00	-1.5
	S.D. = 1.3	on 15 of 17 obs.			

? FEB 22, 1985 22h 46m 52.26± 0.78s
42.095 S ±18.9km 87.953 E ±16.6km
DEPTH = 10.0km (geophysicist)
5.0mb (5 obs.)
SOUTHEAST INDIAN RISE (435)

WRA	44.81	75	Pd	55 06.30	-1.8
	1.4s	18.90nm			4.8mb
WB2	44.82	75	eP	55 09.80	1.6
SPA	48.10	180	eP	55 33.80	0.0
	1.5s	37.50nm			5.3mb
BUL	54.18	275	PKP	56 21.30	1.0
KRI	55.51	278	eP	56 26.00	-4.0X
PKI	69.36	358	eP	58 02.40	0.1
DMN	69.40	357	eP	58 02.40	-0.1
	1.0s	20.00nm			5.2mb
KKN	69.58	357	eP	58 02.40	-1.1
	0.8s	11.00nm			5.1mb
BNG	77.89	287	ePc	58 50.90	-1.1
	0.8s	5.00nm			4.7mb
			id	59 03.10	
MHI	82.24	337	eP	59 18.00	3.1X
BJI	85.67	21	eP	59 34.00	2.0
BRG	112.75	319	e(PKP)	05 20.00	-10.0X
CLL	113.49	319	e(PKP)	05 40.00	8.6X
INK	145.84	26	ePKP	06 31.00	-0.5
	S.D. = 1.4	on 10 of 14 obs.			

• FEB 23, 1985 00h 05m 00.16± 0.65s
37.746 N ±10.3km 72.156 E ± 9.1km
DEPTH = 33.0km (normal)
4.3mb (6 obs.)
TAJIK SSR (715)

OUE	8.69	211	eP	07 08.00	1.3
MHI	10.23	266	eP	07 27.00	-0.8
			eS	09 12.00	
KKN	14.83	128	eP	08 29.20	-0.2
	0.6s	11.00nm			4.4mb
DMN	14.85	129	eP	08 30.40	0.6
	0.5s	7.00nm			4.3mb
PKI	15.07	128	eP	08 32.60	0.0
	0.5s	8.00nm			4.3mb
GBA	24.50	168	Pd	10 16.20	-1.4
	0.6s	2.70nm			4.0mb
SUF	37.37	327	iP	12 11.80	0.7
	0.3s	1.90nm			4.4mb
NUR	37.37	323	iP	12 11.70	0.6
NB2	43.95	322	P	13 04.80	-0.7
	0.6s	2.30nm			4.1mb

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

• FEB 23, 1985 00h 57m 24.00± 0.66s
43.295 N ±11.2km 143.883 E ±16.4km
DEPTH = 152.1 ± 9.3 km
4.7mb (6 obs.)
HOKKAIDO, JAPAN REGION (224)
Felt (I JMA) at Kushiro.

KUS	0.49	130	Pc	57 45.20	-0.5
			S	58 00.50	
URA	1.40	216	eP	57 54.00	1.1
			S	58 15.50	
TSK	7.65	204	eP	59 11.30	-2.5
MAT	8.03	215	eP	59 19.00	0.1
DDR	8.13	208	eP	59 21.00	0.6
SRY	8.46	206	eP	59 25.60	1.0
KYS	8.59	201	eP	59 27 00	0.7
OYM	8.64	206	eP	59 26.50	-0.6
COL	42.86	36	eP	05 09.00	0.9
	0.8s	17.16nm			4.7mb
INK	48.00	30	ePc	05 48.60	0.0
MBC	49.99	18	eP	06 04.00	0.1
SOD	59.95	337	eP	07 15.00	-0.8
KJF	61.74	334	iP	07 27.20	-0.7
	0.7s	17.40nm			5.1mb
SUF	63.26	333	iP	07 37.20	-0.7
	0.5s	5.50nm			4.7mb
WRA	63.53	190	P	07 29.00	-11.1X
	0.6s	18.60nm			
NUR	65.33	332	iP	07 50.80	-0.5
	0.5s	7.00nm			4.8mb
FFC	67.46	35	eP	08 05.00	0.1
	0.6s	3.00nm			4.3mb
NB2	69.14	337	P	08 14.80	-0.4
	0.5s	2.00nm			4.2mb
FRB	70.25	15	eP	08 21.00	-0.8
PRU	77.11	329	P	09 02.80	1.2
KHC	78.17	329	eP	09 09.00	1.5
ITR	145.54	4	e(PKP)	16 46.00	0.2
	S.D. = 1.0	on 21 of 22 obs.			

FEB 23, 1985 01h 01m 30.28± 0.16s
6.557 N ± 3.0km 125.887 E ± 4.0km
DEPTH = 162.6km (7 depth phases)
5.2mb (31 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)
Felt (III RF) at Davao, (II RF)
at Cagayan de Oro and (I RF) at
General Santos.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.. 8S, 13C
Centroid Location:
Origin Time 01:01:28.1 0.9
Lat 6.38N 0.09 Lon 125.99E 0.11
Dep 148.5 3.5 Half-duration 1.5
Moment Tensor; Scale 10**23 D-CM
Mrr=-8.71 1.06 Mtt= 6.42 1.31
Mff= 2.30 1.47 Mrt=-1.88 0.98
Mrf= 8.76 0.83 Mtf= 5.01 1.41
Principal Axes:
T Val= 10.59 Plg=14 Azm=316
N 3.77 29 219
P -14.37 57 69
Best Double Couple:Mo=1.2*10**24
NP1:Strike= 79 Dip=40 Slip= -41
NP2: 203 65 -122

DAV	0.61	330	iPd-	01 48.00	-5.8X
CGP	2.23	328	iPd	02 08.20	-1 0
MAP	4.19	333	iPd	02 33.00	-1 0
			iS	02 49.00	
LGP	6.89	342	iPd	03 09.50	-0.4
	0.6s	129.10nm			5.5mb
PPR	7.77	295	ePc	03 22.00	0.3
			eS	03 51.00	
PGP	8.44	325	iPd	03 33.00	2.5X
	1.0s	317 40nm			5.8mb
QCP	9.32	330	eP	03 50.00	7.9X
MAN	9.34	330	iPd	03 48.20	5.8X
			eS	05 32.00	
KKM	9.63	268	ePc	03 48 70	2.4X
	1.1s	132 00nm			5.4mb
BAG	11.09	333	eP	04 04.90	-0 6
	1.1s	227.85nm			5.7mb
CVP	11 77	341	eP	04 14.90	0.7

			eS	04 25.00	
PIP	12.78	337	eP	04 27.60	0.4
	0.6s	129.10nm			5.5mb
HKC	19.31	325	eP	05 45.50	0.3
			eS	09 25.00	
QZH	19.57	340	eP	05 47.30	-0.5
QIZ	19.94	310	eP	05 52.20	0.6
GUMO	19.94	68	eP	05 51.50	-0.2
GUA	19.97	68	eP	05 51.80	-0.1
	0.5s	73.24nm			5.4mb
MTN	19.97	165	eP	05 51.00	-0 9
GZH	20.40	325	eP	05 56.00	-0 2
			S	09 37 00	
KNA	22.35	173	eP	06 16.00	0 6
KGM	22.95	260	ePd	06 23.90	2 6
SSE	24.81	350	Pd	06 39.50	0 7
	1.3s	120.00nm			5.3mb
			i	07 20.00	208kmX
			i	10 50.00	
			sS	10 58.00	
IPM	24.82	267	ePd	06 40.90	1.7
	0.8s	73.50nm			5.3mb
			e	07 08.90	135kmX
SNG	25.10	273	eP	06 43.00	1.3
LOE	25.94	297	eP	06 47.40	-2.0
			e	13 36.50	
NJ2	26.20	346	Pd	06 51.80	0.2
			S	11 18.00	
			ScP	13 40.00	
WHN	26.21	337	Pd	06 52.20	0 5
NNT	26.46	285	eP	06 55.60	1 4
PMG	26.47	127	eP	06 52.50	-1.7
NST	26.82	292	eP	06 57.90	0.5
GYA	26.97	319	P	06 59.00	0.2
WRA	27.62	163	Pc	07 02.00	-2.6
	0.8s	17.20nm			4.8mb
WB2	27.62	163	eP	07 02.70	-1.9
MBL	28.18	192	iPd	07 09.20	-0.4
BDT	28.33	294	eP	07 11.40	0.4
KMI	28.83	312	Pc+	07 16.00	0.2
ISO	30.25	154	eP	07 30.00	2.0
TIA	30.59	346	eP	07 30.10	-0.7
			ScP	13 54.10	
			ScS	17 51.00	
NAU	30.66	199	iPc	07 31.10	-0.4
	0.4s	6.00nm			4.7mb
ASPA	31.04	166	iPd	07 34.00	-0.9
XAN	31.53	332	P	07 37.60	-1.5
BGA	31.84	113	eP	07 40.00	-2.1
CD2	31.89	322	iPc	07 41.30	-1.0
MAT	31.90	19	eP	07 39.00	-3.3X
	0.8s	23.13nm			5.0mb
			(S)	11 06.00	
PAA	32.18	113	eP	07 44.00	-1.1
DL2	32.43	354	Pd	07 47.00	0.2
WBN	32.51	179	iPd	07 47.80	0.2
CTA	33.20	143	iPd	07 54.00	0.3
	1.0s	49.00nm			5.2mb
			iS	13 03.00	
			iScP	14 03.90	
TIY	33.34	340	eP	07 54.00	-0 8
MEK	33.73	192	eP	07 57.00	-1.2
BJI	34.46	347	eP	08 04.00	-0.2
			eS	13 20.00	
			ScP	14 08.00	
			ScS	18 11.00	
LZH	35.66	329	iPc	08 14.50	-0 2
	1.5s	69 00nm			5.1mb
HHC	36.47	342	eP	08 21.40	0 1
MRWA	36.82	195	iPd	08 24.30	0 1
	0.5s	6 00nm			4.6mb
CN2	37.10	359	Pc	08 26.80	0.4
SHL	37.57	304	iP	08 31.00	0.1
			eS	14 08.00	
BAL	37.98	193	eP	08 33.00	-1.0
MDJ	38.05	4	iPd	08 35.50	1.1
KLB	38.72	191	iPd	08 39.90	-0.2
	0.4s	50.00nm			5.6mb
MUN	39.42	193	eP	08 45.00	-0.8
	0.6s	61.00nm			5.5mb
LSA	39.98	309	P	08 50.90	-0.2
NWAO	40.12	191	iPd	08 51.90	0.3
	0.5s	37 00nm			5.3mb
GTA	40.26	328	P	08 52.40	-0 5
			pP	09 28.00	162km
			sP	09 44.50	
			ScP	14 28.50	

23d 01h

		S	14	47.00			
		ScS	18	40.40			
STK	41.06	159 eP	08	59.00	-0.3		
RKG	41.27	191 eP	09	06.00	5.0X		
	0.4s	20.00nm			5.1mb		
CMS	42.36	154 eP	09	10.00	0.1		
ADE	43.04	165 iPd	09	16.80	1.3		
	0.8s	111.94nm			5.5mb		
PKI	43.69	303 iPc	09	21.30	0.0		
	0.7s	24.00nm			4.9mb		
KKN	43.87	304 iPc	09	22.70	0.1		
DMN	43.95	303 iPc	09	29.60	6.3X		
	0.8s	52.00nm			5.2mb		
COO	44.54	147 eP	09	28.00	0.4		
YOU	45.85	154 iPd	09	38.70	0.8		
		i	10	16.60	171km		
BFD	46.21	162 eP	09	41.00	0.4		
CAN	47.00	154 iPd	09	48.20	1.2		
		i	10	25.40	167km		
HYB	47.42	288 eP	09	50.00	-0.5		
WAM	47.69	155 eP	09	53.30	1.1		
		e	10	28.00	153km		
KOD	48.01	278 eP	09	55.50	0.1		
GBA	48.15	282 Pc	09	55.10	-0.9		
	0.8s	35.50nm			5.1mb		
PVC	48.35	121 iPc	09	57.50	-0.1		
NOU	48.99	127 iPd	10	02.00	-0.5		
WMO	49.95	324 Pd	10	09.00	-0.6		
		pP	10	47.00	168km		
		eS	17	10.30			
		eScS	19	41.00			
NDI	50.90	302 eP	10	15.50	-1.5		
POO	52.00	288 eP	10	25.40	0.0		
QUE	59.96	301 eP	11	21.00	-1.1		
SMY	60.48	31 eP	11	25.00	0.0		
MSZ	63.44	148 P	11	45.50	0.8		
		e	12	21.00	148kmX		
KRP	63.94	138 P	11	49.00	0.9		
TCW	64.95	141 P	11	54.70	0.1		
ADK	65.13	35 eP	11	55.20	-0.4		
MHI	67.15	307 eP	12	08.00	-0.9		
		e	12	42.00	140kmX		
TTA	78.77	27 eP	13	17.10	1.0		
BRW	79.78	19 eP	13	23.20	2.0		
IMA	80.16	24 eP	13	24.60	1.0		
	1.0s	23.50nm			4.9mb		
PME	81.93	29 eP	13	33.20	0.5		
	1.0s	62.50nm			5.3mb		
COL	82.54	25 iP	13	36 30	0.5		
	0.8s	50.75nm			5.3mb		
FBA	82.54	25 eP	13	35.40	-0.4		
PNL	86.77	30 eP	13	58.20	1.2		
SOD	87.55	338 eP	13	59.00	-1.6		
KJF	87.70	334 eP	14	00.00	-1.3		
	0.7s	20.00nm			5.2mb		
INK	87.87	21 eP	14	02.00	-0.1		
SUF	88.67	333 iP	14	05.50	-0.5		
NAI	89.23	269 eP	14	12.00	2.1		
	1.0s	20.00nm			5.1mb		
MBC	89.39	13 eP	14	09.50	0.3		
NUR	89.84	331 iP	14	10.00	-1.5		
	0.8s	8.80nm			4.8mb		
		e	14	51.00	162km		
DAG	94.38	352 iPc	14	31.40	-0.7		
	0.6s	10.00nm			5.2mb		
NB2	95.90	334 P	14	35.40	-4.1X		
	0.8s	3.80nm			4.8mb		
KSP	97.10	323 eP	14	45 00	0.0		
		e	15	24.50	155km		
YKC	97.34	24 eP	14	46.50	0.6		
	0.7s	6.00nm			5.1mb		
BUL	99.03	251 eP	14	53.30	-1.2		
PM	100.59	37 ePdiff	15	02.00	1.2		
EDM	102.41	32 ePdiff	15	09.80	1.0		
NEW	102.53	38 ePdiff	15	10.00	0.5		
SES	105.06	34 ePdiff	15	20.00	-0.7		
BMN	105.65	45 ePKP	19	44.00	7.8X		
FRB	109.05	7 ePKP	19	48.00	6.4X		
RSSD	112.46	37 ePKP	19	48.80	-0.2		
LHC	117.17	26 ePKP	19	57.50	-0.1		
LTX	120.50	50 ePKP	20	09.20	4.5X		
TUL	122.42	40 ePKP	20	08.60	0.6		
	1.0s	9.00nm					
RLO	122.75	39 ePKP	20	09.00	0.3		
JCT	122.81	47 iPKP	20	09.50	0.5		
KIC	129.09	284 ePKP	20	21.40	-0.1		
VBA	147.84	168 iPKPc	20	57.50	2.8X		

ROCH	149.38	151 iPKPd	21	03.10	5.6X		
UPA	150.33	59 ePKP	21	04.70	5.6X		
	1.3s	142.31nm					
		e	21	12.00			
MDZ	150.44	154 i(PKP)	21	05.70	6.8X		
TCA	153.47	160 ePKPd	21	12.10	8.7X		
SDV	157.49	47 ePKP	21	10.90	1.6		
TPZ	159.53	138 (PKP)	21	16.00	4.4X		
CNCB	163.04	128 PKP	21	18.50	3.0X		
		i	22	10.00			
LPB	163.10	127 PKPd	21	17.50	2.2		
		i	22	09.50			
ITR	164.30	261 e(PKP)	21	16.00	-0.1		
	S.D. = 1.0	on 113 of 132 obs.					
&	FEB 23, 1985 01h 42m 38.40s						
	40.275 N	124.448 W					
	DEPTH = 11.0km						
	NEAR COAST OF NORTHERN CALIF.				(35)		
	<BRK>. ML 3.4 (BRK).						
	Mo=3.3*10**21 (BRK).						
FHC	0.63	34 iPc	42	50.80	-0.2		
		iS	42	59.00			
RMT	1.41	104 eP	43	02.10	-1.8		
WDC	1.49	78 iPc	43	02.80	-2.3		
		i	43	06.00			
		i	43	25.70			
LMPM	2.12	54 eP	43	13.30	-1.0		
MIN	2.18	87 iPc	43	12.50	-2.7		
NWRM	2.18	146 eP	43	20.00	4.9		
ORV	2.38	107 ePd	43	15.70	-2.2		
BRK	2.94	144 ePc	43	23.40	-2.5		
BKS	2.95	144 iPc	43	24.20	-1.8		
		i	44	09.10			
PCC	3.21	149 eP	43	26.60	-3.0		
MHC	3.66	142 eP	43	34.20	-2.1		
ARN	3.70	141 eP	43	34.30	-2.5		
WCN	3.74	103 eP	43	35.70	-1.8		
GCC	3.77	149 eP	43	34.40	-3.2		
SLD	4.07	141 eP	43	39.80	-2.2		
SAO	4 22	145 eP	43	40.20	-3.9		
PRS	4.62	147 eP	43	47.30	-2.5		
BMN	5.52	86 eP	43	59.50	-3.2		
EUR	6.57	94 iP	44	15.00	-2.5		
	0.2s	7.82nm			5.3mb X		
	19 obs. associated						
•	FEB 23, 1985 04h 12m 02.17± 3.44s						
	42.251 N ±10.4km	126.921 W ±34.0km					
	DEPTH = 10.0km	(geophysicist)					
	4.1mb (4 obs.)						
	OFF COAST OF OREGON				(30)		
COR	3.52	47 eP	12	58.00	0.0		
WDC	3.69	115 eP	13	01.30	0.8		
RMT	3.97	125 eP	13	04.50	0.1		
MIN	4.43	114 eP	13	10.00	-1.2		
ORV	4.91	121 e(P)	13	17.50	-0.3		
		i	14	15.60			
BFW	5.00	31 eP	13	18.50	-0.5		
SHW	5.18	39 eP	13	22.00	0.3		
LON	5.80	37 eP	13	30.70	0.4		
GMW	6.06	28 eP	13	33.50	-0.4		
EUR	8.75	105 iP	14	12.50	0.7		
	0.5s	0.27nm			3.8mb		
BDW	12.82	82 eP	15	07.00	-0.4		
	1.2s	8.12nm			4.8mb		
GLD	16.57	91 eP	16	03.50	7.3X		
	1.0s	16.00nm			4.1mb		
FFC	20.58	44 eP	16	44.00	0.4		
	1.1s	12.00nm			4.2mb		
LTX	22.76	117 eP	17	12.00	6.2X		
	S.D. = 0.6	on 12 of 14 obs.					
•	FEB 23, 1985 04h 21m 45.64± 1.45s						
	51.480 N ± 8.5km	7.478 E ±12.2km					
	DEPTH = 10.0km	(geophysicist)					
	GERMANY				(543)		
	ML 2.4 (BNS).						
BNS	0.55	200 ePg	21	56.50	-0.3		
	0.5s	122.00nm					
		eSg	22	06.70			
		eSg	22	06.80			
PLH	0.63	221 iPc	21	57.60	-0.6		
		iS	22	10.00			

WTS	0.66	321 ePg	21	59.00	0.2		
STB	0.97	205 iPgc	22	04.90	0.8		
		eSg	22	21.90			
GSH	1.02	223 iPc	22	04.70	-0.2		
ENN	1.21	235 iPn	22	07.70	-0.5		
	0.5s	20.00nm					
MEM	1.27	227 Pn	22	08.70	-0.5		
		iPb	22	09.00			
		Sb	22	29.10			
TNS	1.40	154 ePn	22	10.30	-1.0		
		eSn	22	29.10			
WLF	2.00	205 Pn	22	22.40	2.5		
DOU	2.30	234 Pn	22	23.70	-0.4		
		e	22	29.70			
		e	22	54.00			
MOX	2.74	106 e(P)	23	10.00	39.5X		
	S.D. = 1.2	on 10 of 11 obs.					
&	FEB 23, 1985 04h 25m 31.90s						
	60.160 N	153.196 W					
	DEPTH = 121.6km						
	SOUTHERN ALASKA				(2)		
	<AGS-P>.						
ILM	0.19	83 iP	25	48.26	0.9		
RDT	0.57	43 iP	25	50.30	-0.5		
PDB	0.62	234 iP	25	50.18	-0.9		
AUL	0.79	189 iP	25	51.77	-0.6		
NNL	0.96	96 eP	25	54.11	0.1		
NKA	1.13	58 iP	25	56.51	0.8		
SPU	1.17	28 iP	25	55.51	-0.6		
BRLK	1.23	108 eP	25	55.79	-1.0		
		iS	26	14.33			
SLKM	1.52	75 eP	25	58.75	-1.3		
SVW	1.53	310 iP	25	58.71	-1.5		
SUA	1.78	42 eP	26	02.56	-0.7		
SEW	1.88	90 eP	26	02.61	-1.7		
MPA	1.94	79 eP	26	03.70	-1.4		
SKT	2.00	23 eP	26	04.99	-0.9		
PMS	2.09	57 eP	26	05.69	-1.4		
		iS	26	31.99			
PTE	2.18	69 iP	26	06.11	-2.0		
PWA	2.21	46 eP	26	09.34	0.9		
KDC	2.45	171 iP	26	08.50	-3.1		
PWL	2.50	72 iP	26	09.73	-2.7		
PME	2.51	52 eP	26	10.45	-2.0		
GHO	2.64	50 eP	26	11.84	-2.4		
KNK	2.64	60 eP	26	11.67	-2.5		
MSE	2.66	49 eP	26	12.04	-2.5		
MTG	2.87	93 eP	26	16.04	-1.1		
SML	2.89	53 eP	26	14.49	-3.0		
TTA	3.09	335 eP	26	18.35	-1.8		
GLI	3.10	74 eP	26	18.62	-1.6		
SCM	3.31	57 eP	26	20.81	-2.4		
FID	3.38	77 eP	26	20.43	-3.5		
VZW	3.40	72 eP	26	21.31	-2.9		
VLZ	3.52	71 eP	26	23.34	-2.4		
KLU	3.81	66 eP	26	26.67	-3.1		
TOA	3.92	57 eP	26	30.32	-1.1		
SGAM	3.99	82 eP	26	30.00	-2.2		
COL	5.37	25 eP	26	49.00	-2.0		
BALM	5.42	76 eP	26	49.64	-2.1		
	36 obs. associated						
•	FEB 23, 1985 04h 35m 51.55± 1.46s						
	33.149 S ± 7.8km	71.879 W ±11.8km					
	DEPTH = 64.0 ± 11.5 km						
	5.0mb (8 obs.)						
	NEAR COAST OF CENTRAL CHILE				(135)		
	Felt (VI) at Algarrobo and (V)						
	at El Tabo.						
PEL	1.00	90 iPd	36	09.00	-1.1		
MDZ	2.56	85 iP	36	33.60	2.0		
		iS	37	16.60			
RTCB	3.09	58 ePc	36	40.50	1.4		
		S	37	26.00			
RTCV	3.10	66 ePc	36	40.30	1.1		
		S	37	29.50			
RFA	3.27	121 ePc	36	40.40	-1.1		
		S	37	32.80			
RTLL	3.41	59 eP	36	45.10	1.6		
		S	37	35.00			
VCA	5.41	37 ePd	37	11.00	-0.7		
		S	38	31.00			
TCA	6.43	76 ePd	37	23.60	-2.3		
		e	37	27.60			

			S	38	41.60	
FSA	8.69	37	ePd	37	53.20	-3.9X
VBA	9.43	124	eP	38	03.60	-3.6X
SLA	10.08	35	eP	38	11.80	-4.4X
			(S)	40	18.00	
YJA	12.31	29	eP	38	47.40	1.0
ARE	16.62	1	eP	39	42.00	-0.1
CNCB	16.64	13	eP	39	41.00	-1.7
			i	39	47.00	
LPB	16.89	13	eP	39	45.00	-0.7
	1.2s	125.00nm			5.0mb	
			i	39	50.00	
			S	43	23.00	
			LR	44	55.00	
VAO	24.14	72	eP	41	02.80	0.1
			e	41	11.60	
			e	41	23.70	
BAO	27.77	57	iPd	41	35.50	-1.0
SOB1	37.19	57	eP	42	57.50	-0.9
ITR	39.26	59	eP	43	14.90	-0.9
UAV	41.53	1	eP	43	35.40	0.9
SDV	41.82	2	iPd	43	37.10	0.3
	0.8s	80.00nm			5.6mb	
SPA	57.03	180	iPd	45	32.50	-0.5
	1.0s	19.00nm			5.1mb	
JCT	68.58	334	eP	46	49.50	-0.1
	1.0s	19.00nm			5.0mb	
LTX	69.06	330	eP	46	53.00	0.4
			i	47	01.40	
TUL	72.25	340	eP	47	11.20	-0.5
	0.8s	15.80nm			5.0mb	
RLO	72.27	340	ePd	47	11.80	0.0
FVM	72.85	345	eP	47	14.50	-0.6
	1.0s	15.00nm			4.9mb	
KIC	74.69	72	iP	47	26.80	0.5
PLM	78.53	323	eP	48	00.00	12.4X
GLD	78.83	334	eP	48	00.00	10.8X
GOL	78.84	334	eP	47	59.00	9.7X
GSC	80.05	324	eP	48	06.00	10.3X
SBB	80.07	323	eP	48	05.00	9.2X
CLC	80.85	324	eP	48	09.00	9.1X
ISA	81.17	323	eP	48	12.00	10.5X
LHC	82.67	348	eP	48	08.50	-0.5
EUR	83.01	327	iP	48	11.80	0.5
	0.2s	6.14nm			5.2mb	
BDW	83.08	333	eP	48	12.00	0.5
JAS1	83.91	323	eP	48	18.50	3.0X
RSON	85.83	346	eP	48	24.50	-0.4
	1.0s	4.50nm			4.5mb	
SCH	87.72	3	eP	48	34.00	0.1
WRA	121.57	209	PKP	54	48.00	8.2X
	1.0s	2.70nm				
OUE	144.99	83	ePKP	55	24.40	0.9
GBA	145.96	118	PKPc	55	25.90	0.7
	0.7s	12.60nm				
POO	146.07	107	ePKP	55	26.60	1.2
HYB	149.15	113	ePKP	55	35.20	4.9X
IPM	150.82	165	ePKPd	55	38.70	5.8X
			e	55	47.90	
	S.D. = 1.0	on	33 of	47	obs.	

• FEB 23, 1985 05h 11m 18.15± 2.32s
33.256 S ±14.2km 71.974 W ±18.1km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
NEAR COAST OF CENTRAL CHILE (135)

PEL	1.09	84	iPd	11	37.00	-0.1
MDZ	2.65	83	iP	12	05.00	5.5X
			iS	12	41.70	
RTCB	3.21	58	ePc	12	08.20	0.6
RTCV	3.22	65	ePc	12	08.20	0.6
RFA	3.28	118	ePc	12	08.30	-0.2
			S	13	00.00	
RTLL	3.53	58	ePd	12	12.60	0.5
CFA	3.56	64	e(P)	12	12.30	-0.2
			S	13	08.00	
VCA	5.54	37	ePd	12	39.00	-1.7
			S	13	59.20	
TCA	6.54	75	ePc	12	51.50	-3.1X
			e	12	56.00	
ANT	9.61	9	e(P)	13	50.50	13.2X
			eS	15	53.00	
SLA	10.21	35	e(P)	13	46.00	0.3
TPZ	12.09	15	P	14	32.00	20.5X
ARE	16.73	2	eP	15	13.00	1.1
CNCB	16.77	13	P	15	11.80	-0.9
			i	15	15.00	
LPB	17.01	13	(P)	15	11.00	-4.7X
	1.3s	46.15nm			4.5mb	
			e	15	16.00	
			LR	21	20.00	
ITR	39.39	59	eP	18	42.20	-4.4X
GBA	145.99	118	PKP	29	53.00	-62.8X
	S.D. = 0.9	on	10 of	17	obs.	

? FEB 23, 1985 05h 26m 48.09± 3.30s
33.387 S ±19.3km 72.460 W ±33.1km
DEPTH = 33.0km (normal)
4.4mb (1 obs.)
OFF COAST OF CENTRAL CHILE (134)

PEL	1.51	81	iPd	27	12.70	-0.4
MDZ	3.07	82	iP	27	38.40	2.9X
			iS	28	16.40	
VCA	5.90	39	ePd	28	16.20	0.6
			(S)	29	33.80	
VBA	9.71	122	ePd	29	09.10	0.5
SLA	10.56	37	eP	29	30.00	9.6X
CNCB	16.99	15	eP	30	47.00	1.5
			i	30	52.00	
LPB	17.24	14	(P)	30	47.00	-1.4
	1.4s	46.51nm			4.4mb	
			e	30	55.00	
			LR	37	00.00	
ITR	39.81	60	eP	34	19.20	-0.8
GBA	146.28	119	PKPd	46	37.80	11.6X
	1.0s	6.20nm				
	S.D. = 1.4	on	6 of	9	obs.	

• FEB 23, 1985 05h 34m 59.62± 1.57s
33.420 S ±12.7km 71.994 W ±16.8km
DEPTH = 33.0km (normal)
4.7mb (1 obs.)
NEAR COAST OF CENTRAL CHILE (135)

PEL	1.13	76	iPd	35	20.70	1.5
MDZ	2.69	79	iP	35	47.50	5.9X
			iS	36	21.90	
CFA	3.65	61	e(P)	35	57.10	1.9
			S	36	47.50	
VCA	5.69	36	ePc	36	24.30	0.2
			S	37	43.00	
TCA	6.60	74	iPc	36	35.60	-1.3
VBA	9.36	122	e(P)	37	15.20	-0.1
ANT	9.78	9	eP	37	32.00	11.0X
			eS	39	33.50	
YJA	12.59	29	e(P)	38	03.00	3.4X
ARE	16.89	2	eP	39	02.00	6.5X
CNCB	16.93	13	P	38	56.10	-0.1
			i	39	00.00	
LPB	17.18	13	P	38	59.50	0.3
	1.3s	76.92nm			4.7mb	
			i	39	03.20	
			LR	45	30.00	
VAO	24.32	71	eP	40	14.90	-0.5
BAO	28.00	57	e(P)	40	48.00	-1.7
ITR	39.49	59	eP	42	27.30	-1.6
KIC	74.86	72	eP	46	39.20	0.1
GBA	145.92	118	PKPc	54	38.60	1.4
	0.5s	7.20nm				
HYB	149.13	114	ePKP	54	48.00	5.7X
	S.D. = 1.3	on	12 of	17	obs.	

• FEB 23, 1985 05h 43m 40.86± 2.05s
33.319 S ± 8.7km 71.916 W ±16.2km
DEPTH = 60.0 ± 16.5 km
4.8mb (4 obs.)
NEAR COAST OF CENTRAL CHILE (135)

PEL	1.05	81	iPd	43	59.90	0.2
MDZ	2.61	81	iP	44	23.90	2.4X
			iS	45	03.10	
RTCV	3.20	64	ePc	44	31.00	1.1
			S	45	19.50	
RTCB	3.21	56	ePc	44	31.00	1.0
			S	45	20.00	
RFA	3.21	118	eP	44	29.40	-0.6
			S	45	18.70	
RTLL	3.53	57	e(P)	44	36.00	1.5
			S	45	25.00	
CFA	3.55	62	ePc	44	34.90	0.2
			S	45	31.50	
VCA	5.57	36	ePd	45	01.80	-1.4
			S	46	22.00	
TCA	6.51	74	e(P)	45	16.00	-0.2
FSA	8.85	37	e(P)	45	44.00	-4.5X
VBA	9.36	123	ePd	45	55.20	-0.5
ANT	9.67	8	e(P)	45	52.00	-7.8X
			eS	47	52.00	
SLA	10.24	35	e(P)	46	06.40	-1.3
			(S)	48	12.00	
TPZ	12.14	14	Pd	46	54.50	20.9X
YJA	12.47	29	e(P)	46	39.80	1.8
ARE	16.79	1	eP	47	32.00	-1.8
CNCB	16.82	13	P	47	34.00	-0.4
			i	47	37.00	
LPB	17.07	13	Pd	47	36.50	-0.5
	1.4s	186.05nm			5.1mb	
			i	47	39.20	
			LR	52	48.00	
BAO	27.89	57	e(P)	49	27.00	-0.3
PSO	34.70	350	eP	50	37.50	10.0X
ITR	39.38	59	eP	51	05.10	-1.3
TOV	42.91	3	e(P)	51	34.50	-0.8
SPA	56.86	180	e(P)	53	21.00	-0.5
JCT	68.72	334	iP	54	41.00	0.8
	1.0s	10.50nm			4.7mb	
LTX	69.19	331	eP	54	44.00	0.8
TUL	72.40	340	eP	55	10.40	8.1X
	1.3s	17.40nm			4.8mb	
			e	57	13.70	
RLO	72.42	341	eP	55	10.80	8.3X
FVM	73.00	345	eP	55	06.00	0.2
KIC	74.77	72	eP	55	17.90	1.3
ALQ	75.23	331	eP	55	20.50	1.5
EUR	83.14	327	iP	56	13.50	11.8X
	0.2s	5.58nm				
BDW	83.21	333	eP	56	03.00	1.0
	1.0s	1.80nm			4.0mb	
RSON	85.99	346	eP	56	14.00	-1.4
BUL	87.51	112	eP	56	22.00	-1.8
			i	58	37.00	
SES	90.25	336	eP	56	59.00	23.2X
RTB	124.26	70	ePKPd	02	19.50	-14.9X
			e	03	21.50	
			e	03	50.00	
OUE	145.04	84	ePKP	03	15.00	1.6
GBA	145.91	118	PKPd	03	17.10	2.2X
	0.8s	8.80nm				
HYB	149.11	114	ePKP	03	26.00	5.9X
	S.D. = 1.2	on	27 of	39	obs.	

FEB 23, 1985 05h 45m 54.04± 1.95s
33.077 S ±10.7km 71.848 W ±12.3km
DEPTH = 57.6 ± 14.4 km
5.1mb (11 obs.) 5.3Msz (1 obs.)
NEAR COAST OF CENTRAL CHILE (135)

PEL	0.98	94	iPd	46	11.50	-0.4
MDZ	2.53	86	iP	46	38.80	5.3X
			iS	47	16.70	
TPZ	11.90	14	Pc	49	05.40	21.8X
CNCB	16.57	13	P	49	46.10	1.5
			i	49	49.00	
LPB	16.82	13	(P)	49	48.00	0.4
	1.5s	416.67nm			5.4mb	
			i	49	50.50	
			LR	55	00.00	
VAO	24.09	72	eP	51	05.10	-0.2
			e	51	14.10	
			e	51	17.00	
			e	51	36.70	
BAO	27.71	57	e(P)	51	38.00	-1.1
SOB1	37.13	57	eP	52	54.10	-6.9X
ITR	39.21	59	eP	53	17.70	-0.7
			i	53	25.70	
			e	53	27.90	
			e	53	32.40	
UAV	41.46	1	eP	53	37.50	0.5
SDV	41.74	2	eP	53	59.00	19.6X
CAR	43.59	7	eP	53	53.30	-1.0
JCT	68.52	334	iP	56	52.20	-0.3
	1.0s	50.00nm			5.4mb	
LTX	69.01	330	eP	56	55.00	-0.6
	1.0s	6.00nm			4.5mb	
FVM	72.78	345	eP	57	17.00	-1.0
	1.0s	30.00nm			5.2mb	
KIC	74.64	72	eP	57	29.00	-0.3
ALQ	75.05	331	eP	57	32.00	0.6
SUR	75.14	119	eP	57	32.50	0.3

23c 05h

	0.7s	34.25nm		5.4mb		
OTT	78.18	357	eP	57 58.00	9.7X	
MNT	78.23	359	eP	57 50.00	1.4	
GLD	78.78	334	eP	58 02.50	10.4X	
	0.8s	23.53nm				
GOL	78.79	334	eP	57 51.00	-1.3	
	1.0s	6.00nm		4.5mb		
SBB	80.03	323	eP	58 06.00	7.2X	
CLC	80.81	324	eP	58 02.00	-0.9	
ISA	81.12	323	eP	58 14.00	9.4X	
VIR	81.84	118	eP	58 09.50	0.8	
RSSD	82.24	337	eP	58 19.50	9.1X	
LHC	82.61	348	eP	58 19.00	7.1X	
EUR	82.97	327	iP	58 15.10	0.8	
	1.2s	4.85nm		4.4mb		
BDW	83.02	333	eP	58 15.00	0.5	
	1.0s	4.20nm		4.4mb		
JAS1	83.86	323	eP	58 26.50	7.9X	
SLR	84.18	117	iPc	58 20.00	-0.8	
	0.9s	25.21nm		5.3mb		
BMN	84.30	327	eP	58 30.50	9.6X	
EVA	84.35	118	iPd	58 21.70	0.1	
	1.0s	24.00nm		5.2mb		
RSON	85.77	346	eP	58 36.50	8.7X	
SCH	87.64	3	eP	58 37.00	0.2	
BNG	92.72	87	iPc	59 03.00	1.5	
	0.7s	9.00nm		5.3mb		
		ic		59 18.70		
EDM	93.20	336	eP	59 01.50	-1.3	
NUR	121.27	35	ePKP	04 56.00	14.7X	
Z	21s	0.70um		5.3Msz		
		LR		53 40.00		
SUF	122.41	33	ePKP	04 43.00	-0.4	
KER	129.90	71	ePdiff	01 28.00	-19.5X	
TAB	130.27	66	ePdiff	01 55.00	5.9X	
QUE	144.96	83	ePKP	05 27.00	0.3	
GBA	145.97	117	PKPd	05 29.10	0.6	
	1.1s	32.30nm				
POO	146.07	107	ePKP	05 29.50	0.8	
KGM	148.77	171	ePKPd	05 36.00	2.9X	
HYB	149.16	113	ePKP	05 37.80	4.2X	
IPM	150.88	165	ePKPd	05 41.10	4.8X	
TIA	171.97	295	ePKP	06 03.40	6.6X	
	S.D. = 0.9	on	29 of	49 obs.		

FEB 23, 1985 06h 01m 25.81± 0.38s
33.118 S ± 7 4km 71.760 W ± 8.4km
DEPTH = 26.4km (8 depth phases)
5.1mb (15 obs.)
NEAR COAST OF CENTRAL CHILE (135)

VBA	9.37	124	eP	03 41.80	-0.3	
ANT	9.45	8	e(P)	03 43.50	0.2	
CNCB	16.59	13	iP	05 20.50	1.7	
			i	05 26.00		
LPB	16.84	12	(P)	05 19.00	-2.8	
	1.5s	333.33nm		5.2mb		
			i	05 25.50		
			LR	10 30.00		
VAO	24.04	72	eP	06 40.90	1.2	
			e	06 49.40	30km	
			e	06 53.20		
BAO	27.67	57	Pd	07 13.50	-0.3	
SOB1	37.09	57	e(P)	08 29.00	-6.9X	
			e	08 35.80	23km	
ITR	39.16	59	eP	08 53.00	-0.3	
			e	09 01.00	27km	
UAV	41.50	1	eP	09 13.30	0.7	
SOV	41.78	2	eP	09 15.60	0.7	
SPA	57.06	180	iPd	11 10.90	-1.0	
	0.9s	31.82nm		5.3mb		
TPM	58.00	329	iPd	11 19.50	0.6	
PPM	67.58	350	iP	12 21.00	-1.0	
SCT	68.59	334	iP	12 28.00	-0.5	
	1.1s	50.63nm		5.6mb		
LTX	69.08	330	P	12 31.10	-0.5	
	1.0s	10.00nm		4.9mb		
TUL	72.26	340	iP	12 49.60	-1.0	
	0.8s	18.30nm		5.2mb		
RLO	72.28	340	ePc	12 49.50	-1.2	
FVM	72.84	345	iP	12 53.00	-1.0	
	0.9s	29.66nm		5.3mb		
			e	13 00.50	24km	
KIC	74.58	72	iPc	13 05.00	0.4	
ALQ	75.12	331	P	13 07.00	-0.5	
	1.0s	12.50nm		4.9mb		
GLA	77.31	324	eP	13 20.20	0.6	
			e	13 29.00	28km	
BAR	77.93	322	eP	13 24.00	0.9	
OTT	78.22	357	eP	13 25.00	0.8	
MNT	78.27	359	eP	13 32.00	7.5X	
PLM	78.57	323	eP	13 34.00	7.3X	
TPC	78.76	324	eP	13 29.00	1.4	
GLD	78.85	334	eP	13 29.00	0.9	
	1.0s	16.00nm		5.0mb		
GOL	78.86	334	eP	13 28.50	0.2	
	0.9s	3.79nm		4.4mb		
			e	13 37.00	27km	
RVR	79.33	323	eP	13 38.00	7.3X	
MWC	79.86	323	eP	13 41.00	7.2X	
GSC	80.08	324	eP	13 37.00	2.2	
SBB	80.11	323	eP	13 35.00	0.1	
CLC	80.88	324	eP	13 46.00	7.0X	
PRN	80.94	326	P	13 40.00	0.7	
ISA	81.20	323	eP	13 40.00	-0.7	
SEK	82.18	119	iPd	13 46.50	0.3	
	0.4s	17.80nm		5.5mb		
RSSD	82.31	337	eP	13 46.50	0.1	
	1.0s	4.00nm		4.4mb		
LHC	82.66	348	eP	13 46.50	-1.3	
BDW	83.09	333	eP	13 51.00	0.5	
	1.0s	2.40nm		4.3mb		
			e	14 00.00	28km	
SLR	84.10	117	eP	13 50.00	-6.1X	
	0.9s	21.01nm		5.4mb		
EVA	84.26	118	iPd	13 57.60	0.7	
	0.9s	16.81nm		5.3mb		
BMN	84.37	327	eP	14 05.00	8.0X	
RSON	85.83	346	iP	14 03.40	-0.4	
	1.0s	6.00nm		4.8mb		
			e	14 11.00	24km	
BUL	87.47	112	iPd	14 13.00	0.2	
SCH	87.68	3	eP	14 13.00	0.3	
EDM	93.27	336	ePd	14 37.20	-1.7	
WB2	121.64	209	ePKP	20 26.70	7.5X	
WRA	121.64	209	PKPd	20 24.90	5.7X	
	0.9s	7.10nm				
QUE	144.89	83	ePKP	21 01.00	-1.5	
GBA	145.89	117	PKPc	21 04.30	0.0	
	0.6s	17.60nm				
POO	145.98	107	ePKP	21 05.40	0.9	
KGM	148.72	170	ePKPd	21 11.70	2.7X	
HYB	149.07	113	ePKPc	21 13.40	4.0X	
IPM	150.82	165	ePKPd	21 16.90	4.7X	
			e	21 26.00		
KKN	159.52	99	ePKP	21 28.00	4.5X	
PKI	159.55	100	ePKP	21 28.20	4.5X	
	S.D. = 1.0	on	41 of	56 obs.		

FEB 23, 1985 06h 15m 14.51± 0.80s
41.512 N ± 9.3km 20.435 E ± 7.5km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.6 (TTG).

OHR	0.48	145	iPg	15 23.80	-0.6	
			iSg	15 31.00		
SKO	0.88	58	ePg	15 31.20	-0.2	
			iSg	15 43.20		
ULC	1.00	297	ePg	15 32.50	-0.9	
			eSg	15 49.00		
PVY	1.14	343	ePg	15 35.00	-0.9	
			eSg	15 54.00		
TTG	1.27	317	ePg	15 38.40	0.4	
			eSg	15 58.00		
VAY	1.62	96	iPn	15 44.00	0.9	
HCY	1.72	304	ePn	15 46.00	1.3	
			eSn	16 12.00		
PLE	1.97	337	ePn	15 53.00	4.6X	
			eSn	16 21.00		
BRY	1.97	315	ePn	15 51.50	3.0X	
			eSn	16 20.00		
	S.D. = 1.1	on	7 of	9 obs.		

? FEB 23, 1985 06h 50m 11.16± 8.31s
7.171 N ±49.4km 71.367 W ±56.4km
DEPTH = 33.0km (normal)
5.1mb (1 obs.)
VENEZUELA (101)

UAV	1.45	9	iPnd	50 35.40	0.0	
	0.2s	2032.80nm				
SDV	1.85	23	iPnc	50 42.20	0.9	
	0.2s	300.00nm				
TOV	3.03	31	eP	50 56.80	-1.2	
	0.3s	38.10nm				
CAR	5.50	53	ePn	51 33.50	0.5	
	0.6s	37.33nm		5.1mb		
GUV	8.22	85	eP	52 11.10	-0.1	
	S.D. = 1.1	on	5 of	5 obs.		

? FEB 23, 1985 06h 54m 21.45± 5.23s
32.753 S ±11.1km 71.931 W ±45.8km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

PEL	1.12	111	iPd	54 40.80	-0.1	
RTCB	2.94	65	ePc	55 08.00	1.0	
			S	55 40.20		
RTCV	3.01	74	ePc	55 08.00	0.1	
			S	55 41.30		
RTLL	3.26	65	eP	55 11.50	-0.1	
			S	55 46.60		
CFA	3.33	71	ePc	55 11.70	-0.8	
			S	55 48.00		
RFA	3.52	126	ePd	55 15.30	0.1	
VCA	5.13	40	ePd	55 38.00	-0.1	
			S	56 54.80		
TCA	6.39	79	iPc	55 51.40	-4.4X	
			S	56 58.00		
	S.D. = 0.6	on	7 of	8 obs.		

? FEB 23, 1985 07h 45m 36.04± 3.22s
32.969 S ±15.1km 72.125 W ±27.5km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)

PEL	1.22	99	iPd	45 58.50	1.6	
MDZ	2.76	89	iP	46 23.90	5.0X	
			iS	46 59.20		
RTCB	3.18	63	ePd	46 25.30	0.3	
			S	47 21.00		
RTCV	3.23	71	ePd	46 25.50	-0.1	
			S	47 19.00		
RTLL	3.50	63	ePc	46 29.00	-0.6	
			S	47 27.30		
RFA	3.53	122	ePd	46 29.10	-0.9	
			S	47 16.80		
VCA	5.40	40	ePd	46 55.80	-0.7	
TCA	6.59	78	e(P)	47 08.30	-5.0X	
			e	47 11.90		
			S	48 33.00		
CNCB	16.52	14	eP	49 28.00	0.6	
	S.D. = 1.1	on	7 of	9 obs.		

FEB 23, 1985 08h 24m 07.89± 0.10s
47.355 N ± 2.4km 145.652 E ± 2.2km
DEPTH = 422.4km (13 depth phases)
5.3mb (94 obs.)
SEA OF OKHOTSK (663)
CENTROID, MOMENT TENSOR (HRV)
Doto Used: GDSN
L.P.B.: 7S, 11C
Centroid Locotion:
Origin Time 08:24:10.5 0.7
Lot 47.31N 0.14 Lon 145.57E 0.18
Dep 429.3 4.5 Holf-durotion 1.8
Moment Tensor; Scole 10**23 D-CM
Mrr= 2.33 1.07 Mtt= 1.06 1.29
Mff=-3.39 1.09 Mrt=-6.42 1.21
Mrf=-8.53 1.09 Mtf= 4.34 1.76
Principol Axes:

	Vol= 13.35	Plg=44	Azm=137
T			
N	-3.82	24	22
P	-9.53	36	272

Best Double Couple:Mo=1.1*10**24
NP1:Strike=302 Dip=25 Slip= 9
NP2: 204 86 114

WAK	3.37	236	Pc	25 17.80	1.5	
			S	26 12.30		
NEM	4.03	181	iPd	25 18.90	-3.2X	
			iS	26 14.90		
KUS	4.47	192	iPd	25 24.10	-2.2	
			S	26 22.80		
MDJ	11.51	262	Pd	26 42.20	-1.6	
			S	28 48.00		
			ScP	34 47.50		
TSK	11.87	202	eP	26 45.90	-2.0	
MAT	12.13	210	eP	26 49.00	-1.8	
	0.5s	67.61nm		5.3mb		

			eS	29	00.00		PHC	53.90	52	eP	32	51.00	-0.4	PVC	67.92	157	iPc	34	24.00	-0.3
DDR	12.32	205	eP	26	50.80	-2.1	BGA	53.93	168	iPd	32	52.00	-0.1	ODD	67.95	339	iP	34	23.00	-1.0
SRY	12.67	204	eP	26	55.20	-1.3	PAA	54.13	168	iPd	32	53.30	-0.2	CWC	68.05	60	eP	34	24.00	-1.3
KYS	12.83	201	eP	26	58.50	0.3	KEV	54.97	338	iPd	32	58.00	-0.8	SYP	68.23	62	eP	34	24.00	-2.4
OYM	12.85	204	eP	26	57.10	-1.4		0.7s		85.40nm			5.2mb	ISA	68.35	61	iP	34	26.40	-0.6
CN2	14.58	263	iPc	27	14.80	-2.1	NDI	55.27	276	iPd	33	00.80	-0.6	BDW	68.38	50	iP	34	27.30	0.0
			i	29	46.00			0.6s		200.00nm			5.6mb		1.0s		102.00nm			5.4mb
			ScP	34	51.00		DAG	55.76	356	iPc	33	01.30	-2.9				epP	35	59.00	421km
SHK	16.10	222	eP	27	32.50	-0.1		0.7s		59.59nm			5.0mb	TAB	68.70	303	eP	34	30.00	0.8
SNY	16.64	259	iPd	27	38.00	-0.1				i	33	55.00	241kmX	CLC	68.76	60	iP	34	29.40	-0.1
			S	30	30.00					i	34	32.00					e	36	05.00	442kmX
SMY	18.98	63	eP	28	02.50	1.5	SOD	56.74	336	iPd	33	10.10	-1.1	YMT3	68.78	59	P	34	29.20	-0.5
DL2	19.40	253	Pd	28	06.60	1.4	PGC	57.19	52	iPd	33	14.70	0.1	PRN	69.14	57	P	34	32.20	0.3
BJI	22.44	262	Pd-	28	34.00	0.0		0.7s		75.00nm			5.2mb	SBB	69.40	61	eP	34	33.60	-0.4
			sP	30	15.00		IPM	57.28	236	iPd	33	15.80	0.3				e	36	07.00	432km
			ScP	32	16.00			0.9s		25.50nm			4.7mb	PAS	69.57	62	eP	34	33.00	-1.4
			eS	32	18.00					e	34	04.10	213kmX	GSC	69.58	60	eP	34	34.00	-0.5
			sS	34	10.00		KGM	58.13	232	ePc	33	21 30	0.0	MWC	69.59	61	eP	34	34.00	-0.7
			ScS	38	55.00		KJF	58.67	333	iPd	33	23.00	-1.5	RSON	69.66	36	iP	34	33.70	-0.9
TIA	23.88	253	Pd	28	47.00	-0.3		0.7s		93.40nm			5.3mb		0.5s		0.95nm			3.7mb X
			ScP	35	13.70		PNT	58.82	50	iPc	33	25.60	-0.1				epP	36	10.30	446kmX
			ScS	39	00.00			0.6s		65.00nm			5.2mb	YSA	69.90	147	eP	34	46.20	9.9X
ADK	24.63	65	eP	28	52.80	-1.0	EDM	59.48	43	iPc	33	29.30	-0.9	COP	70.08	334	iPd	34	36.50	-0.5
SSE	24.81	238	Pd	28	55.60	0.0		0.7s		70.00nm			5.2mb		0.7s		172.60nm			5.8mb
	1.0s		33.00nm			4.8mb	COR	59.73	56	iPc	33	33.00	1.1	RVR	70.15	61	eP	34	37.00	-0.8
			(S)	32	40.00		SUF	60.23	332	iPd	33	33.70	-1.3	RSSD	70.20	46	iP	34	38.30	0.1
HHC	25.19	268	Pd	28	59.00	-0.2		0.5s		143.10nm			5.7mb		0.8s		109.15nm			5.5mb
NJ2	25.50	243	Pd	29	01.30	-0.5	NEW	60.77	49	iPc	33	39.30	0.5	MUD	70.35	336	iPd	34	38.30	-0.3
			ScP	35	19.00			0.8s		46.00nm			5.0mb		0.5s		42.40nm			5.3mb
TIY	26.13	261	iPd	29	08.20	0.6	YKM	61.10	48	iPc	33	44.40	3.3X	SHI	70.82	293	eP	34	41.00	-1.0
BTD	26.35	268	iPd	29	09.40	-0.2	QUE	61.17	284	iPd	33	41.00	-0.8	KER	70.84	300	eP	34	43.00	1.0
WHN	29.31	246	iPd	29	35.60	0.1				eS	41	27.00		TPC	70.86	60	eP	34	41.00	-1.1
XAN	30.56	258	iPd	29	45.80	-0.6	MTN	61.32	196	eP	33	42.00	-0.5	PLM	70.91	61	eP	34	41.00	-1.5
LZH	32.80	265	iPd	30	06.50	0.8		0.5s		59.00nm			5.4mb	ASPA	71.48	191	iPc	34	45.30	-0.3
	2.0s		900.00nm			5.8mb	RXF	61.40	48	iPc	33	42.70	-0.3		0.5s		52.00nm			5.4mb
GTA	33.83	274	iPd	30	15.40	1.1	LDM	61.57	48	iP-	33	44.00	-0.1	BAR	71.49	62	eP	34	45.00	-0.7
			PcP	32	43.30		LHD	61.57	49	iPc	33	41.00	-3.2X	RMU	71.68	55	P	34	47.00	0.1
			S	35	09.40		FHC	61.70	60	ePc	33	46.10	1.1	NOU	71.83	160	iPc	34	48.80	1.2
			ScP	35	46.30		CLX	61.82	49	iP-	33	45.90	0.0	MBL	72.05	205	iPd	34	48.80	-0.1
			ScS	39	49.30		HYB	61.92	265	iPd	33	46.00	-0.7	KRA	72.25	327	iPd	34	49.90	0.1
TTA	35.38	42	eP	30	26.50	-0.4		0.7s		150.00nm			5.6mb		0.6s		167.00nm			5.8mb
GZH	35.40	238	iPd	30	27.80	0.4	MHI	62.03	294	iPd	33	47.20	-0.1				i	34	52.70	9kmX
HKC	35.54	236	eP	30	29.50	0.9	NUR	62.36	331	iPd	33	47.80	-1.1	GLA	72.33	60	iP	34	51.00	0.4
BRW	35.75	28	eP	30	29.50	-0.3		0.5s		285.60nm			6.1mb				e	36	32.00	466kmX
CD2	35.92	258	iPd	30	32.00	0.2	SES	62.40	45	iPc	33	49.10	-0.4	GOL	72.79	50	iP	34	53.20	-0.2
			S	35	38.00			0.7s		36.00nm			5.0mb		0.9s		22.35nm			4.8mb
IMA	36.35	37	eP	30	34.20	-0.9	WDC	62.69	59	iPc	33	51.60	0.2	GLD	72.83	50	iP	34	54.50	0.9
	1.0s		95.00nm			5.1mb	GDH	62.85	8	iPd	33	50.50	-1.5		1.2s		101.01nm			5.3mb
GYA	36.99	250	Pd	30	40.60	-0.1		0.9s		20.17nm			4.7mb	SPC	72.85	326	iPd	34	54.30	0.8
KDC	37.73	51	eP	30	45.70	-0.5				e	34	24.00	139kmX	Z	12s		136.00um			7.4MszX
PMR	38.71	44	P	30	54.80	0.5	MIN	63.39	59	iPc	33	55.90	-0.2				e	37	27.80	
COL	38.87	39	iPc	30	55.70	0.2	FFC	63.44	37	iPc	33	55.50	-0.5	KSP	72.92	329	iPd	34	53.80	0.1
	0.8s		135.82nm			5.4mb		0.6s		24.00nm			5.0mb		0.9s		120.00nm			5.5mb
FBA	38.87	39	eP	30	55.20	-0.3	KHI	63.96	293	iPd	33	59.70	-0.1				e	36	26.00	416km
WMO	39.91	287	iPd	31	05.00	0.6	ORV	63.96	59	iPc	33	59.20	-0.4	JOS	73.30	325	iPd	34	55.90	0.0
			ScS	40	22.00		POO	64.33	270	eP	34	02.00	-0.2		0.9s		59.50nm			5.2mb
KMI	40.45	252	iPd-	31	09.00	-0.1	BRK	64.62	61	iPc	34	03.80	0.1	LHC	73.35	35	eP	34	55.00	-1.1
	5.0s		0.30nm			1.9mb X	BKS	64.63	61	ePc	34	04.00	0.1	MLR	73.49	320	iPd	34	57.00	-0.2
			pP	31	27.50	76kmX		1.0s		96.00nm			5.4mb	ISR	73.51	320	iPd	34	58.00	0.8
			PP	32	53.00		LRM	64.78	49	ePc	34	05.20	0.2	CLL	73.64	331	iPd	34	57.30	-0.4
			S	37	46.00		PCC	64.79	61	eP	34	04.40	-0.5		1.2s		220.00nm			5.7mb
QIZ	40.60	238	eP	31	11.20	1.1	UPP	65.06	334	iPd	34	04.70	-1.5				ipP	36	30.30	420km
INK	43.87	32	ePd	31	34.80	-0.9	GCC	65.33	62	ePc	34	08.20	-0.1				eS	43	50.00	
	0.4s		61.00nm			5.3mb	MHC	65.34	61	ePc	34	08.50	0.0	BRG	73.70	330	iPd	34	58.00	-0.1
LSA	45.17	267	Pd	31	47.00	0.0	GBA	65.37	263	Pd	34	06.90	-1.9		1.0s		60.00nm			5.2mb
MBC	45.75	19	eP	31	49.10	-1.2		0.7s		91.10nm			5.5mb				i	37	48.70	
	0.5s		6.00nm			4.2mb X	JAS1	65.67	60	iPc	34	10 70	0.2	PSN	73.91	318	iPc	35	00.00	0.6
			pP	34	22.00		SAO	65.84	62	ePc	34	11.20	-0.3	CMP	74.06	321	eP	35	04.00	3.7X
LOE	46.72	245	eP	31	57.00	-1.4	BMN	65.84	56	iP	34	12.50	0.8	PRU	74.25	330	iPd	35	01.60	0.4
			e	36	36.50			0.9s		103 52nm			5.5mb		1.1s		68.80nm			5.2mb
CHG	47.41	249	iPd	32	04.00	0.2				epP	35	45.00	431km	WIT	74.26	336	iPd	35	02.50	1.3
	0.9s		56.72nm			4.9mb	FRB	66.00	16	ePd	34	10.00	-2.1				epP	36	36.50	424km
BDT	48.54	248	eP	32	12.00	-0.3				pP	35	44.00	439kmX	EKA	74.37	342	Pd	35	01.70	-0.1
NST	49.02	246	iPd	32	16.50	0.5	PRS	66.17	62	ePc	34	13.60	0.0		0.5s		38.20nm			5.3mb
ALE	49.62	5	iPd	32	18.70	-1.0	LLA	66.24	61	ePc	34	14.30	0.3	SCH	74.58	19	eP	35	02.00	-1.1
	0.5s		21.00nm			4.7mb	MNA	66.65	58	iPc	34	17.30	0.6	MOX	74.66	332	iPd	35	03.00	-0.6
			pP	32	32.30	51kmX	FRI	66.72	60	ePc	34	16.90	0.0				epP	36	37.00	424km
KSH	49.69	288	iPd	32	22.00	1.0	PRI	66.72	62	ePc	34	17.70	0.6	NAU	74.69	209	eP	35	04.00	0.1
KKN	50.37	270	iPd	32	26.40	0.1	CTA	67.13	179	iPc	34	18.83	-0.6	SRO	74.71	326	eP	35	05.00	1.2
PKI	50.42	269	iPd	32	26.60	-0.2		1.0s		34.00nm			5.0mb	BUD	74.71	326	iPd	35	04.80	0.9
	0.7s		110.00nm			5.3mb	EUR	67.19	56	iP	34	20.50	0.4		1.4s		229.30nm			5.7mb
DMN	50.60	270	iPd	32	28.30	0.2	SUE	67.42	341	iP	34	20.70	-0.1	ZST	74.84	327	iPd	35	06.00	1.4
KHT	50.65	246	eP	32	28.20	0.0	KONO	67.48	338	eP	34	20.50	-0.7	HOF	74.86	331	iPd	35	04.70	0.0
NNT	51.64	243	eP	32	35.80	0.4	WB2	67.75	191	iPc	34	21.80	-1.5		0.8s		118.00nm			5.6mb
YKC	53.47	35	eP	32	47.50	-0.7	WRA	67.75	191	Pc	34	20.20	-3.1X	WTS	74.94	335	iPd	35	05 10	0.1
	0.5s		32.00nm			4.9mb		0.5s		36.30nm			5.3mb		0.9s		185.00nm			5.8mb
LAT	53.78	178	iPd	32	51.10	0.2	ASK	67.83	340	iPd	34	23.00	-0.3				epP	36	38.50	420km

23d 08h

VKA 75.07 328 iPd 35 06.50 0.6
1.0s 89.60nm 5.4mb
epP 37 41.00
WBN 75.15 198 iPc 35 07.20 0.7
KHC 75.31 330 iPd 35 07.60 0.4
1.0s 107.00nm 5.5mb
e 35 26.50 70kmX
e 36 41.50
e 38 03.40
SOP 75.47 327 iPd 35 09.20 1.1
1.2s 132.00nm 5.5mb
WET 75.53 330 iPd 35 09.20 0.8
0.9s 136.00nm 5.6mb
GRF 75.61 331 iPd 35 09.70 0.8
0.9s 210.00nm 5.8mb
PVL 75.69 319 iPd 35 10.00 0.7
ALO 75.73 54 P 35 11.00 1.0
1.1s 41.22nm 5.0mb
BNS 75.75 334 iPd 35 09.80 0.3
1.0s 208.00nm 5.8mb
TNS 76.02 333 iPd 35 11.30 0.1
STB 76.18 334 iPd 35 12.20 0.3
ENN 76.29 335 iPd 35 12.70 0.2
1.0s 231.00nm 5.8mb
epP 36 45.50 415km
BEO 76.34 323 iP 35 12.70 -0.2
i 36 46.40 420km
DIM 76.38 318 iP 35 14.00 0.9
MEM 76.41 335 Pd 35 13.00 -0.1
DMU 76.47 344 iPd 35 13.70 0.2
0.8s 110.00nm 5.6mb
UCC 76.70 336 Pc 35 15.50 0.7
PLD 76.73 319 eP 35 16.00 0.9
KDZ 76.81 318 iPd 35 17.00 1.5
FUR 76.92 331 iPd 35 16.60 0.5
0.8s 192.00nm 5.8mb
DLE 76.98 343 iPd 35 16.40 0.1
0.7s 100.00nm 5.6mb
VTS 76.99 320 iPd 35 18.00 1.5
DCN 77.07 344 eP 35 16.10 -0.6
0.5s 24.00nm 5.1mb
KBA 77.14 329 iPd 35 18.00 0.5
0.9s 232.00nm 5.9mb
id 35 18.50
ipP 36 51.80 419km
i 38 21.50
WLF 77.21 334 Pd 35 17.80 0.3
DOU 77.27 335 Pd 35 17.80 -0.1
0.7s 150.00nm 5.8mb
e 36 51.40 418km
GWF 77.38 333 iPd 35 18.40 -0.2
BUH 77.46 333 ePd 35 19.10 0.1
ETA 77.47 343 iPc 35 19.20 0.2
0.8s 50.00nm 5.3mb
MMB 77.57 319 iPd 35 21.00 1.2
MEH 77.58 295 iPd 35 19.50 -0.3
GAP 77.59 330 iPd 35 20.50 0.8
1.0s 129.00nm 5.6mb
LJU 77.60 328 e(PKP)35 19.50 -0.3
VOY 77.84 328 eP 35 20.20 -1.0
ECB 77.90 343 iPc 35 21.20 -0.1
0.8s 140.00nm 5.7mb
CDF 77.98 333 eP 35 21.50 -0.4
0.8s 97.70nm 5.5mb
ECP 77.99 343 iPc 35 21.50 -0.3
0.8s 200.00nm 5.9mb
TRI 78.17 328 iP 35 21.90 -0.9
i 35 26.90 16kmX
i 36 01.90
SLE 78 17 332 iPd 35 23.00 0 1
SKC 78 26 321 iP 35 23 90 0 5
[illegible] 78 30 320 iPd 35 24 00 0 4
[illegible] 78.35 331 ePd 35 24.30 0.1
ZUL 78 46 332 iPd 35 24.70 0.3
OSS 78.58 331 iPd 35 25.80 0.5
CTI 78.63 329 iPc 35 25.00 -0.4
HAU 78.63 333 eP 35 24.90 -0.4
0.8s 49.40nm 5.2mb
BSF 78.65 333 eP 35 24.90 -0.6
0.8s 62.80nm 5.4mb
LLS 78.80 331 iPd 35 26.90 0.4
CRI 78.92 306 eP 35 28.00 0.9
STK 78.96 184 eP 35 27.00 0.0
VDL 78.98 331 iPd 35 28.00 0.6
OHP 79.24 321 iP 35 28.80 0.1
JER 79.52 306 iPd 35 30.00 -0.4
FLN 79.85 338 eP 35 31.30 -0.3

0.5s 45.50nm 5.4mb
MMK 79.86 332 ePd 35 32.60 0.5
LDF 79.91 338 iPc 35 31.70 -0.3
0.5s 34.90nm 5.3mb
DIX 80.01 332 ePd 35 33.60 0.7
LOR 80.03 335 eP 35 32.30 -0.4
0.7s 24.10nm 5.0mb
EMS 80.17 332 ePd 35 34.10 0.5
LBF 80.25 334 eP 35 33.50 -0.4
0.6s 31.20nm 5.2mb
GRR 80.29 338 eP 35 33.80 -0.1
SSF 80.32 335 eP 35 34.00 -0.1
0.6s 31.90nm 5.2mb
TUL 80.54 46 iPc 35 36.10 0.6
0.8s 136.20nm 5.7mb
e 37 17.10 453kmX
SMF 80.60 334 iPc 35 35.40 -0.2
AVF 80.61 335 eP 35 35.70 0.1
LPF 80.67 338 eP 35 35.90 0.0
RLO 80.71 46 iPc 35 36.80 0.4
e 37 17.90 453kmX
PRNI 80.72 305 iPd 35 38.00 1.4
OTT 80.75 28 eP 35 36.00 -0.3
MRWA 80.77 206 eP 35 37.00 0.5
KLG 80.77 201 iPd 35 36.50 -0.1
BGF 80.97 335 iPc 35 37.40 -0.1
0.7s 30.60nm 5.1mb
YOU 81.30 178 iPc 35 40.50 1.3
MNT 81.31 27 iPc 35 39.40 0.1
0.6s 14.00nm 4.8mb
MZF 81.36 335 eP 35 40.20 0.6
TCF 81.40 335 eP 35 40.00 0.2
0.7s 28.90nm 5.1mb
FVM 81.40 42 iP 35 40.00 0.1
0.5s 45.49nm 5.4mb
MNS 81.42 327 iPd 35 39.50 -0.4
LTX 81.51 56 iP 35 41.30 0.6
epP 37 18.50 432km
LSF 81.62 336 eP 35 41.20 0.3
MFF 81.76 337 eP 35 41.50 -0.1
0.6s 66.70nm 5.5mb
BAL 81.86 205 eP 35 42.00 -0.2
ORI 81.95 323 iPd 35 43.60 1.0
CAN 82.36 177 iPd 35 46.10 1.5
RJF 82.49 335 eP 35 45.80 0.4
0.8s 25.10nm 5.0mb
KLB 82.50 204 eP 35 45.00 -0.4
FRF 82.50 331 eP 35 45.00 -0.4
0.8s 15.70nm 4.8mb
CVF 82.64 329 eP 35 45.50 -0.6
0.7s 20.70nm 5.0mb
CAF 82.68 335 eP 35 47.10 0.7
LRG 82.69 331 iPc 35 46.20 -0.1
0.8s 82.20nm 5.5mb
JCT 82.75 52 iP 35 47.10 0.2
1.1s 101.27nm 5.5mb
LMR 82.75 331 eP 35 46.40 -0.2
0.8s 71.00nm 5.4mb
LFF 83.05 336 eP 35 49.00 0.9
LPO 83.16 335 eP 35 49.40 0.7
0.5s 29.90nm 5.3mb
WAM 83.22 177 iPd 35 50.90 2.1
MUN 83.30 205 eP 35 49.00 -0.3
NWAO 83.90 204 eP 35 52.00 -0.3
TOO 84.55 180 iPc 35 56.90 1.5
0.6s 31.00nm 5.2mb
EPF 84.92 335 eP 35 57.80 0.2
0.9s 35.00nm 5.1mb
PMO 85.76 117 eP 36 03.00 1.2
0.9s 40.00nm 5.2mb
BLA 86.27 35 P 36 04.60 0.4
PPT 86.76 120 eP 36 08.00 1.4
0.9s 60.00nm 5.4mb
PPN 86.82 120 eP 36 08.00 1.2
0.9s 45.00nm 5.3mb
PAE 86.83 120 eP 36 08.00 1.1
0.9s 60.00nm 5.4mb
TVO 87.12 120 eP 36 10.00 1.6
0.9s 35.00nm 5.2mb
PRM 88.19 38 iP 36 14.10 0.8
KRP 89.00 157 P 36 18.50 1.8
MNG 91.52 158 eP 36 28.10 -0.1
TPM 92.16 59 iPd 36 32.50 0.4
BNG 110.65 302 iPKPc 42 13.00 20.2X
0.8s 8.00nm
id 42 18.80
id 42 31.20

KIC 120.46 325 e(PKP)42 10.40 -1.1
BUL 122.78 275 iPKPc 42 15.00 -1.0
i 43 59.00
SEK 128.88 269 ePKP 42 27.10 -0.5
SPA 137.16 180 e(PKP)42 30.50 -11.5X
ITR 141.38 6 e(PKP)42 44.00 -7.1X
SOB1 141.58 10 e(PKP)42 47.00 -4.4X
TPZ 142.14 59 iPKPc 42 54.90 2.2
YJA 144.53 56 ePKPc 43 00.10 3.3X
BAO 146.41 24 e(PKP)43 02.00 2.4
SLA 146.53 59 e(PKP)43 01.80 2.1
ROCH 148.83 76 iPKP 43 03.40 0.2
PCH 149.56 76 iPKP 43 04.00 -0.1
TCA 151.90 66 ePKP 43 14.90 7.3X
S.D. = 0.8 on 281 of 293 obs.

? FEB 23, 1985 08h 27m 56.99± 7.63s
33.071 S ±19.4km 71.956 W ±66.6km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)

PEL 1.07 94 iPd 28 14.00 -1.7
MDZ 2.62 87 iP 28 41.90 4.0X
iS 29 17.60
RTCB 3.11 60 ePd 28 47.50 2.6X
S 29 33.00
RTCV 3.13 68 ePd 28 46.10 0.9
RFA 3.36 121 ePd 28 49.20 0.7
RTLL 3.43 61 ePd 28 50.40 0.9
S 29 46.00
VCA 5.39 38 ePd 29 16.60 -0.7
S 30 33.00
TCA 6.48 77 ePd 29 28.90 -3.7X
e 29 33.00
S 30 51.80
SLA 10.05 36 e(P) 30 40.00 17.7X
S.D. = 1.7 on 5 of 9 obs.

? FEB 23, 1985 08h 51m 10.13± 4.89s
33.192 S ±13.9km 71.388 W ±40.6km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

PEL 0.59 86 iPd 51 22.50 0.4
MDZ 2.15 82 iP 51 51.40 4.8X
iS 52 21.90
RTCV 2.75 62 ePd 51 55.10 0.0
RTCB 2.77 53 ePd 51 55.20 -0.3
RFA 2.89 124 ePc 51 57.30 0.1
S 52 46.50
RTLL 3.09 54 ePc 52 00.80 0.9
S 52 56.50
VCA 5.21 33 ePd 52 25.00 -5.1X
TCA 6.05 74 ePd 52 40.80 -1.0
SLA 9.88 33 e(P) 53 44.00 8.6X
S.D. = 0.8 on 6 of 9 obs.

& FEB 23, 1985 08h 57m 21.10s
59.890 N 153.192 W
DEPTH = 110.0km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM 0.35 33 iP 57 36.69 -0.6
iS 57 49.15
PDB 0.52 259 iP 57 37.20 -1.1
iS 57 50.23
AUL 0.52 194 iP 57 37.47 -0.9
iS 57 50.77
RDT 0.79 29 iP 57 40.19 -0.4
NNL 0.97 80 iP 57 42.47 0.2
BRLK 1.17 95 iP 57 43.35 -1.1
NKA 1.30 48 eP 57 46.95 1.1
SPU 1.41 23 iP 57 46.79 -0.5
SLKM 1.61 66 eP 57 48.65 -1.0
SVW 1.71 317 eP 57 49.59 -1.4
SEW 1.89 82 iP 57 51.87 -1.3
SUA 1.99 36 iP 57 54.21 -0.3
iS 58 20.08
MPA 2.01 71 eP 57 53.38 -1.2
KDC 2.18 170 iP 57 53.36 -3.5
SKT 2.25 20 eP 57 57.04 -0.8
PMS 2.25 51 iP 57 57.02 -0.8
iS 58 23.96
PTE 2.29 63 eP 57 56.50 -1.8
PWA 2.40 41 eP 57 58.56 -1.2
PWL 2.60 66 eP 58 00.24 -2.2

PME 2.69 48 eP 58 01.52 -2.0
KNK 2.79 55 iP 58 02.93 -2.1
GHO 2.82 46 eP 58 03.44 -2.0
MSE 2.84 45 eP 58 03.49 -2.4
SML 3.06 49 iP 58 06.34 -2.3
GLI 3.19 69 eP 58 09.01 -1.3
TTA 3.34 337 eP 58 10.67 -1.8
FID 3.45 73 eP 58 10.28 -3.6
SCM 3.47 53 eP 58 11.89 -2.3
VZW 3.49 68 eP 58 12.47 -2.0
VLZ 3.61 67 eP 58 13.95 -2.1
KLU 3.92 63 iP 58 17.62 -2.8
SGAM 4.03 78 eP 58 19.54 -2.3
TOA 4.08 54 eP 58 20.79 -1.7
SNH 5.20 82 eP 58 36.30 -1.6
BALM 5.49 73 eP 58 40.10 -1.8
COL 5.62 24 eP 58 41.00 -2.6
YAH 5.74 80 eP 58 43.79 -1.7
37 obs. associated

FEB 23, 1985 10h 07m 24.58± 0.45s
29.059 N ± 7.5km 94.677 E ± 5.7km
DEPTH = 33.0km (normal)
4.1mb (3 obs.)
INDIA-CHINA BORDER REGION (313)

LSA 3.14 283 Pnc 08 20.30 6.9X
Sn 08 59.30
KMI 8.18 117 eP 09 25.00 0.8
PKI 8.30 262 Pn 09 25.00 -1.0
Sn 10 56.10
KKN 8.37 264 Pn 09 26.20 -0.6
Sn 10 57.30
DMN 8.56 263 Pn 09 27.80 -1.6
Sn 11 02.00
LZH 10.43 45 eP 09 55.00 -0.1
CHG 10.92 158 eP 10 20.00 18.4X
GYA 10.93 101 P 10 01.60 -0.3
GTA 11.16 21 P 10 04.00 -1.0
NST 14.24 158 eP 10 45.50 -0.5
HYB 18.78 235 eP 11 44.00 0.4
BJI 20.77 53 eP 12 05.00 -0.1
POO 21.71 246 eP 12 17.80 2.9
eS 18 38.00
GBA 22.19 230 Pc 12 19.30 -0.3
0.8s 7.40nm 4.2mb
KJF 54.24 330 eP 16 51.00 1.9
SUF 54.79 328 iP 16 53.90 0.7
0.4s 0.20nm 3.5mb
SOD 55.10 334 eP 16 54.00 -1.4
NUR 55.40 326 eP 16 58.00 0.4
WRA 61.95 137 P 17 43.00 -0.7
0.6s 1.20nm 4.2mb
WB2 61.96 137 eP 17 43.20 -0.6
INK 76.63 17 eP 19 14 00 0.8
S.D. = 1.2 on 19 of 21 obs.

% FEB 23, 1985 10h 16m 23.03± 0.86s
42.873 N ± 6.7km 18.696 E ± 7.8km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.3 (TTG).

BRY 0.12 284 iPgc 16 26.50 0.4
iSg 16 29.80
HCY 0.45 199 ePg 16 31.30 -0.9
iSg 16 39.80
BDV 0.60 171 ePg 16 35.30 0.2
eSg 16 45.20
TTG 0.61 137 ePg 16 35.30 0.0
eSg 16 45.80
PLE 0.69 48 ePg 16 36.30 -0.4
eSg 16 46.80
ULC 1.00 156 ePg 16 42.60 0.6
eSg 16 56.80
S.D. = 0.7 on 6 of 6 obs

& FEB 23, 1985 12h 14m 39.30s
37 342 N 121.727 W
DEPTH = 6.0km
CENTRAL CALIFORNIA (39)
<BRK> ML 3.0 (BRK).
Mo=2.7•10••20 (BRK).

MHC 0.07 90 iPc 14 41.20 0.0
GCC 0.38 215 iPd 14 47.20 0.3
eS 14 53.80
SLD 0.48 123 iP 14 48.30 -0.7
PCC 0.54 287 ePc 14 49.90 -0.3
SAO 0.62 159 iPd 14 51.60 -0.1
BKS 0.67 323 eP 14 52.50 -0.2
iSg 15 03.50
BRK 0.68 322 ePc 14 52.50 -0.4
iS 15 04.40
ZSP 0.73 325 iPc 14 54.20 0.2
eS 15 05.30
LLA 0.96 139 eP 14 56.50 -1.4
PRS 1.05 164 eP 14 58.40 -1.1
JAS1 1.19 60 iPc 15 00.80 -1.1
iS 15 16.30
PRI 1.47 144 e(P) 15 05.20 -1.3
FRI 1.65 102 iPc 15 07.50 -1.4
eS 15 28.20
ORV 2.22 5 e(P) 15 18.10 1.0
EUR 5.00 63 iP 16 17.00 20.1
0.5s 0.40nm
15 obs. associated

FEB 23, 1985 13h 41m 55.01± 0.11s
10.254 S ± 3.0km 161.126 E ± 2.6km
DEPTH = 84.8km (36 depth phases)
6.0mb (59 obs.)
SOLOMON ISLANDS (193)
mb 6.2 (PAS). Felt at Honiara.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=230 Dip=60 Slip=-142
NP2: 119 58 -36
Principal Axes:
T Plg= 1 Azm=354
P 47 85
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a large normal component. The preferred fault plane is not determined.
MOMENT TENSOR SOLUTION
Dep 135 No. of sta: 9
Moment Tensor; Scale 10••25 d-cm
Mrr=-2.70 Mtt= 2.00
Mff= 0.71 Mrt= 0.43
Mrf= 0.52 Mtf=-1.31
Principal axes:
T Val= 2.82 Plg= 1 Azm= 32
N 0.05 14 301
P -2.86 76 126
Best Double Couple:Mo=2.8•10••25
NP1:Strike=135 Dip=46 Slip= -71
NP2 289 48 -109
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 27C
Centroid Location:
Origin Time 13:41:59.9 0.2
Lat 10.28S 0.03 Lon 161.19E 0.02
Dep 94.3 1.5 Half-duration 5.1
Moment Tensor; Scale 10••25 D-CM
Mrr=-1.33 0.04 Mtt= 0.00 0.10
Mff= 1.33 0.09 Mrt=-1.55 0.04
Mrf= 0.99 0.05 Mtf= 1.27 0.05
Principal Axes:
T Val= 2.10 Plg= 1 Azm=301
N 0.80 41 210
P -2.91 49 32
Best Double Couple:Mo=2.5•10••25
NP1:Strike= 64 Dip=57 Slip= -39
NP2: 178 58 -140

HNR 1.42 305 iP 42 00.00 -19.9X
VSG 1.71 305 iP 42 00.00 -23.7X
PAA 6.82 305 iPc 43 37.00 2.6
BGA 7.16 304 iPc 43 40.50 1.4
PVC 10.20 138 iPd 44 19.30 -1.2
iS 46 07.00
ALOA 10.58 269 iPc 44 36.00 10.3X
RAB 10.73 304 ePc+ 44 29.00 1.3
1.0s 80.00nm 5.6mb
LMG 12.87 275 eP 45 01.00 4.8X
NOU 13.03 158 iPc 44 57.10 -1.0
iS 47 19.50
PMG 13.79 272 iPc+ 45 14.00 5.8X
1.0s 800.00nm 6.0mb
LAT 14 42 283 iPc 45 20.00 3.7X
MOM 15.89 300 eP 45 37.00 2.0
YSA 17.22 114 ePc 46 06.00 14.3X
CTA 17.35 234 iPd+ 45 57.40 4.1X
1.0s 415.00nm 5.6mb
iS 49 00.00
NDF 17.50 117 ePc 45 56.10 1.0
VUN 18.48 117 eP 46 13.00 5.9X
SVA 18.52 117 eP 46 06.30 -1.2
WEW 18.60 290 eP 46 09.00 0.6
RMO 19.94 214 eP 46 24.00 1.3
COO 21.97 202 iPc 46 43.80 0.5
1.0s 228.00nm 5.5mb
ISO 23.22 241 eP 46 58.00 2.5
CMS 25.45 212 eP 47 17.00 0.4
0.7s 234.00nm 5.8mb
YOU 26.61 204 iPc 47 27.60 0.3
AFI 26.74 101 P 47 29.00 0.3
ePP 48 24.00
eS 52 00.00
e(SSS) 53 12.00
CAN 27.29 202 iPc 47 33.70 0.2
i 47 57.90 111kmX
WB2 27.55 246 iPd 47 36.00 0.0
i 48 00.00 110kmX
eS 52 19.00
WRA 27.56 246 Pd 47 34.30 -1.8
0.7s 146.40nm 5.7mb
STK 28.11 217 eP 47 41.00 0.1
0.6s 38.00nm 5.2mb
WAM 28.11 201 iPc 47 42.60 1.8
GUA 28.59 325 eP 47 43.80 -1.6
1.1s 273.42nm 5.8mb
GUMO 28.66 325 eP 47 44.80 -1.2
eS 52 21.00
ASPA 29.18 239 eP 47 50.00 -0.8
MTN 29.49 262 eP 47 53.00 -0.5
0.5s 106.00nm 5.8mb
KRP 30.45 157 eP 48 01.00 -0.6
i 51 00.50
i 51 24.10
TOO 30.63 205 eP 48 04.00 0.7
BFO 31.62 209 eP 48 12.00 0.0
KNA 31.97 257 iPc 48 15.60 0.3
0.6s 255.00nm 6.2mb
GNZ 32.06 155 P 48 14.50 -1.3
MNG 32.80 160 Pc 48 20.30 -2.0
TCW 32.95 162 P 48 22.70 -0.8
pP 48 48.30 115kmX
WEL 33.17 161 P 48 26.00 0.6
S 53 32.00
TAU 34.69 198 iPd 48 39.60 1.1
MSZ 34.79 171 P 48 38.30 -1.0
i 48 41.90 12kmX
WBN 36.27 239 eP 48 52.50 0.3
DAV 39.37 295 eP 49 12.50 -5.7
eS 55 12.00
CGP 40.75 296 ePc 49 30.50 1.6
eS 50 04.00
MBL 41.09 250 iPc 49 32.80 0.6
KLG 42.09 235 eP 49 42.60 -.-
MEK 43.31 242 iPd 49 51.20 0.8
0.7s 143.00nm 5.9mb
LGP 43.80 301 iPd 49 54.50 0.1
iS 50 14.50
NAU 45.27 248 iPd 50 07.10 1.0
0.5s 90.00nm 5.9mb
KLB 45.35 235 eP 50 06.00 -0.6
BAL 45.92 237 iPd 50 11.40 0.3
0.7s 133.00nm 5.9mb
MRWA 46.14 239 iPd 50 13.30 0.4
0.6s 28.00nm 5.3mb
MVI 46.18 322 eP 50 14.00 0.9
eS 56 55.00
NWAO 46.19 234 iPd 50 13.60 0.3
0.7s 75.00nm 5.7mb
PGP 46.33 300 eP 50 15.00 0.5
PPR 46.64 294 ePd 50 18.00 1.1
1.2s 126.30nm 5.7mb
MUN 46.72 236 iPd 50 17.70 0.2
0.8s 69.00nm 5.6mb
Z 20s 29.00um 6.2Msz
RKG 46.75 232 eP 50 20.00 2.3
KKM 47.57 288 ePd 50 22.40 -2.1
0.9s 136.10nm 5.8mb
BAG 48.07 303 eP 50 27.50 -0.9
1.5s 916.67nm 6.5mb
eS 57 20.00
AFR 48.10 104 iP 50 28.60 0.2

23d 13h

	1.5s	360.00nm			6.1mb
PAE	48.29	104	iP	50 29.60	-0.3
	1.5s	440.00nm			6.2mb
PPT	48.29	104	iP	50 30.30	0.4
	1.5s	380.00nm			6.1mb
PPN	48.43	104	iP	50 31.40	0.5
	1.5s	250.00nm			5.9mb
TVO	48.61	105	iP	50 33.00	0.6
	1.5s	640.00nm			6.4mb
TBI	48.84	112	iP	50 34.30	0.3
	1.2s	160.00nm			5.9mb
OSH	49.29	336	eP	50 37.00	-0.2
			eS	57 37.00	
KYS	49.37	337	eP	50 37.30	-0.6
PMO	49.88	101	iP	50 42.50	0.4
	1.5s	1920.00nm			6.9mb
			epP	51 11.00	122kmX
HMM	49.92	335	eP	50 44.00	2.0
			eS	57 46.00	
OYM	49.91	337	eP	50 41.10	-1.0
SRY	50.07	337	eP	50 42.10	-1.1
TPT	50.15	101	iP	50 44.60	0.4
	1.5s	1280.00nm			6.7mb
			epP	51 13.00	121kmX
TSK	50.28	338	eP	50 44.30	-0.5
RUV	50.38	101	iP	50 46.00	0.1
	1.5s	1120.00nm			6.7mb
			epP	51 14.00	119kmX
DDR	50.44	337	eP	50 45.60	-0.5
NAG	50.63	334	eP	50 52.00	4.6X
			eS	57 59.00	
KAG	50.86	326	eP	50 50.00	0.7
			eS	58 03.00	
MAT	51.30	336	iPd	50 51.50	-1.1
	1.5s	791.67nm			6.5mb
			eS	57 59.00	
OIT	51.58	328	eP	50 54.00	-0.7
SEN	51.83	340	eP	50 58.00	1.5
			eS	58 15.00	
TATO	52.15	313	iP	50 59.00	-0.1
	1.1s	188.46nm			6.0mb
ANP	52.25	313	iP+	51 02.00	2.0
			eS	58 18.00	
OZH	54.25	311	P	51 15.50	0.9
			pP	51 34.00	72kmX
			sP	51 40.00	
			iS	58 46.00	
SSE	56.19	318	Pd	51 27.70	-0.8
	1.5s	470.00nm			6.3mb
	Z 30s	9.60um			5.7MszX
	N 30s	5.20um			
	E 28s	4.50um			
			pP	51 47.00	76km
			ScP	56 17.00	
			S	59 11.00	
			PS	59 34.00	
			sS	59 46.00	
			SS	02 52.00	
HKC	56.26	306	eP	51 30.00	0.8
			epP	51 50.00	79km
			ePcP	52 18.00	
			eS	59 16.00	
GZH	57.31	306	Pd	51 36.10	-0.5
			pP	51 56.00	78km
			sP	52 08.00	
			iS	59 30.00	
QIZ	58.33	300	P	51 44.20	0.4
			pP	52 05.00	82km
			S	59 41.00	
NJ2	58.33	318	Pd	51 43.40	-0.2
			iS	59 39.00	
[illegible]GW	58.81	279	ePd	51 46.60	-0.7
	1.0s	180.10nm			6.1mb
			e	52 08.00	84km
WHN	60.52	314	Pd	51 58.40	-0.3
			pP	52 21.00	89km
KLM	60.69	279	ePc	51 59.30	-0.8
DL2	61.19	326	P	52 02.20	-0.9
			pP	52 23.50	83km
			S	00 12.00	
MDJ	61.62	335	iPc	52 05.50	-0.4
			PP	54 26.00	
IPM	61.64	281	iPd	52 05.80	-0.8
	1.0s	159.30nm			6.1mb
			e	52 27.90	87km
TIA	62.06	321	Pd	52 07.20	-1.8
			pP	52 29.50	88km

			ePP	54 28.50	
			eS	00 21.00	
			ScS	01 53.60	
RKT	62.12	111	iP	52 09.60	-0.1
	1.2s	220.00nm			6.1mb
SNY	62.24	329	Pd	52 09.20	-0.9
			pP	52 30.50	83km
SNG	62.69	284	eP	52 12.00	-1.5
CN2	62.81	332	iPd	52 13.20	-0.6
			pP	52 38.00	99kmX
SMY	63.71	9	eP	52 19.00	-0.6
GYA	64.25	306	Pd	52 23.00	-0.8
			pP	52 44.00	81km
			S	00 56.00	
ADK	64.78	15	P	52 26.50	-0.1
	1.0s	28.93nm			5.2mb
LOE	64.80	295	eP	52 25.80	-1.5
NNT	65.05	289	eP	52 29.10	0.1
BJI	65.07	323	eP	52 28.00	-0.6
			PP	52 50.00	
			iS	01 04.00	
			sS	01 34.00	
NST	65.65	292	iPd	52 32.40	-0.3
TIY	65.95	319	Pd	52 33.80	-0.6
			S	01 15.50	
XAN	66.28	314	Pd	52 35.40	-1.2
			pP	52 57.50	86km
KHT	66.78	291	eP	52 40.00	0.0
KMI	66.86	303	Pd-	52 40.00	-0.7
	6.0s	1.70nm			3.2mb X
	N 16s	2.10um			
			pP	53 01.00	81km
			sP	53 19.00	
			iS	01 28.00	
			sS	02 05.50	
BDT	67.19	294	eP	52 42.00	-0.5
SBA	67.65	179	iPd	52 46.20	1.8
CHG	67.77	295	iPd	52 45.80	-0.4
	1.8s	265.91nm			5.9mb
			eS	01 40.00	
HHC	68.34	322	P	52 50.00	0.5
			S	01 46.00	
CD2	68.54	309	iPd	52 50.40	-0.5
			pP	53 11.50	81km
			iS	01 46.00	
BTO	69.15	321	iPd	52 54.40	-0.1
			pP	53 15.00	78km
			S	01 48.00	
LZH	70.90	314	eP	53 05.50	0.2
	5.5s	2525.00nm			6.3mb X
	E 12s	1.60um			
			pP	53 24.00	69kmX
			S	02 15.00	
			sS	02 52.50	
GTA	75.27	315	iPd	53 31.50	0.7
			pP	53 52.00	77km
			S	03 04.00	
			ScS	03 33.50	
KDC	77.60	23	eP	53 43.20	0.0
SPA	79.81	180	iPc	53 55.80	0.4
	1.0s	379.00nm			6.2mb
	Z 18s	1.57um			5.4Msz
TTA	80.05	18	eP	53 57.00	0.5
PMR	81.44	22	P	54 03.70	0.0
	1.2s	621.21nm			6.4mb
	Z 22s	9.68um			6.1Msz
			pP	54 29.70	99kmX
PME	81.50	22	eP	54 04.00	-0.1
	1.7s	762.50nm			6.3mb
PKI	82.29	300	iPd	54 09.00	-0.4
	0.7s	40.00nm			5.4mb
KKN	82.46	300	iPd	54 09.90	-0.2
DMN	82.56	300	iPd	54 10.70	0.0
IMA	83.02	17	eP	54 12.40	0.3
	1.0s	245.00nm			6.1mb
MAW	83.73	202	eP	54 18.00	2.5X
COL	84.04	19	iPd	54 16.40	-0.7
	Z 18s	3.44um			5.8Msz
			e	54 40.00	88km
			eS	04 34.00	
FBA	84.04	19	eP	54 16.00	-1.1
SIT	84.76	29	eP	54 21.40	0.7
WMQ	85.35	316	iPd	54 24.00	-0.1
			pP	54 47.00	85km
			sP	54 56.00	
			SKS	04 39.00	
			S	04 48.00	

FHC	85.43	47	ePd	54 25.90	1.3
			epP	54 49.80	89km
PCC	85.66	51	ePd	54 26.20	0.5
GCC	85.83	51	ePd	54 27.40	0.9
			epP	54 51.30	89km
BRK	85.86	51	ePd	54 27.40	0.7
			epP	54 51.20	89km
ZSP	85.88	50	eP	54 27.90	1.1
HYB	86.05	288	eP	54 27.50	-0.6
	2.0s	277.80nm			5.9mb
			e	54 49.00	79km
BRW	86.10	13	eP	54 27.40	0.2
PRS	86.12	52	ePd	54 29.20	1.1
			epP	54 52.90	88km
SAO	86.18	52	ePd	54 28.80	0.5
MHC	86.19	51	iPd	54 29.50	1.0
			epP	54 53.40	89km
GBA	86.34	284	Pc	54 29.70	0.3
	1.7s	261.60nm			6.0mb
PHC	86.41	37	eP	54 30.00	1.0
WDC	86.42	48	iPd	54 30.20	0.8
			ipP	54 54.40	90km
			ePP	57 51.60	
LLA	86.53	52	ePd	54 31.00	0.9
PRI	86.62	53	ePd	54 31.90	1.3
			ipP	54 56.00	90km
			esP	55 10.90	
			ePP	57 54.80	
SYP	86.75	54	eP	54 31.00	-0.3
			e	57 54.00	
ORV	86.90	49	iPd	54 32.10	0.4
MIN	87.04	48	ePd	54 32.50	-0.1
COR	87.05	44	iPd	54 33.00	0.7
JAS1	87.28	51	iPd	54 34.20	0.6
			ipP	54 58.30	90km
			ePP	57 57.80	
FRI	87.58	52	iPd	54 35.70	0.6
			ipP	54 59.50	88km
PAS	88.11	55	eP	54 37.00	-0.7
	Z 20s	3.50um			5.8Msz
	N 20s	1.50um			
	E 20s	3.00um			
			epP	55 02.00	93km
			esP	55 18.00	
			ePP	58 04.00	
			epPP	58 38.00	
			eSKS	04 36.00	
			eS	05 16.00	
			eSP	06 05.00	
			e	06 12.00	
			epPS	07 04.00	
			eSS	11 00.00	
			esSS	12 00.00	
			eSSS	15 18.00	
			eLg	17 48.00	
			e	19 44.00	
			eLR	21 32.00	
PGC	88.17	40	eP	54 38.00	0.4
MWC	88.22	55	eP	54 38.00	-0.4
			e	58 05.00	
ISA	88.22	53	eP	54 38.00	-0.3
			e	58 05.00	
SBB	88.51	55	eP	54 39.00	-0.7
SLBC	88.57	56	eP	54 41.80	1.9
			e	55 04.70	84km
RVR	88.71	55	eP	54 40.00	-0.6
CWC	88.72	53	eP	54 40.00	-0.8
CLC	88.95	53	eP	54 42.00	0.2
PLM	88.99	56	eP	54 42.00	-0.1
			e	58 12.00	
MNA	89.13	51	ePd	54 43.60	0.9
			ipP	55 07.40	88km
			iPP	58 13.60	
GSC	89.47	54	eP	54 44.00	-0.2
			e	58 16.00	
NDI	89.58	299	eP	54 39.50	-5.3X
TPC	89.81	55	eP	54 45.00	-0.8
			e	58 18.00	
YMT3	90.10	53	P	54 47.00	-0.2
BMN	90.30	49	iP	54 49.00	1.0
	1.2s	274.19nm			6.3mb
			epP	55 10.00	76km
GLA	90.59	57	eP	54 50.00	0.6
POO	90.66	289	eP	54 49.40	-0.5
			eS	05 09.70	
INK	90.66	20	ePd	54 48.30	-0.6
	1.1s	120.00nm			6.1mb

			pP	55	15.00	100kmX	SUF	118.52	338	iPKP	00	32.50	-1.6		Z	20s	3.00um		6.0Msz				
PNT	90.78	40	eP	54	50.00	0.1		0.7s		10.40nm					N	20s	3.00um						
	1.4s	549.00nm				6.6mb	TCA	119.77	135	ePKPd	00	16.80	-20.8X		E	20s	2.50um						
EUR	91.03	50	iP	54	52.00	0.5	UPA	120.26	86	ePKPd	00	38.20	-0.6				ipPKP	01	21.60				
PRN	91.30	52	P	54	53.20	0.5		1.0s		42.00nm							i	01	43.10				
NEW	92.14	41	iPd	54	55.40	-0.8				e	02	07.00					eSKP	04	19.50				
	1.0s	224.00nm				6.5mb				e	08	14.00		CLL	131.47	334	ePKP	00	59.00	-0.2		
			e	55	20.00	91km				e	12	35.00					i	01	45.40				
KSH	92.72	309	P	55	00.00	0.8	OTT	120.32	43	ePKP	00	36.00	-2.0				iSKP	04	17.00				
			pP	55	23.00	84km		0.7s		66.00nm				ZST	131.63	328	e(PKP)	01	00.00	0.4			
			i	59	12.00		NUR	120.45	337	iPKP	00	36.40	-1.4				e	04	20.00				
			SKS	05	27.00			0.8s		35.20nm				PRU	131.71	332	PKP	00	59.80	0.1			
			iS	06	00.00					iPP	02	05.80			2.4s	148.80nm							
LHD	93.15	42	iPc	55	01.90	1.0				eSP	12	04.00			Z	25s	4.00um		6.0Mszx				
YKM	93.18	41	iPc	55	01.70	0.6				eSS	18	16.00			N	24s	2.10um						
LDM	93.35	42	iP-	55	03.00	1.2				eSSS	22	46.00			E	27s	2.90um						
CLX	93.42	42	iP-	55	02.50	0.2	EVA	120.81	231	ePKP	00	38.50	-1.3				e	03	20.20				
RXF	93.56	41	iPc	55	03.30	0.5		0.8s		47.76nm				BEO	131.76	323	i(PKP)	00	59.90	-0.1			
GCA	93.93	53	P	55	07.00	2.2	SEK	120.92	228	iPKPc	00	40.00	0.1	VKA	131.99	329	iPKPd	01	00.60	0.3			
RMU	94.44	53	P	55	09.00	1.8		0.5s		22.54nm					5.0s	1381.00nm							
LRM	94.79	44	eP	55	07.90	-0.8	RSNY	121.38	44	PKP	00	40.30	0.2				e	01	22.00				
EDM	95.46	37	ePd	55	10.40	-1.0		1.0s		50.00nm							e	03	20.00				
	1.5s	472.00nm				6.7mb	VIR	121.61	228	ePKP	00	40.50	-0.7	VAY	132.23	318	iPKP	01	01.00	0.0			
BDW	96.37	48	eP	55	15.50	-0.5		1.0s		40.00nm				MOX	132.56	334	iPKPc	01	02.00	0.6			
	1.5s	114.29nm				6.2mb	MNT	121.68	42	ePKP	00	38.50	-2.1		2.0s	147.00nm							
			epP	55	39.00	86km	SCH	121.74	30	ePKP	00	39.00	-1.5		Z	29s	1.90um		5.6MszX				
YKC	96.43	28	iPd	55	15.00	-0.5				pP	02	13.50			N	27s	2.00um						
	0.6s	17.00nm				5.8mb	SLR	121.82	231	ePKP	00	40.10	-1.6		E	32s	2.00um						
SES	96.43	40	ePd	55	15.40	-0.5		0.9s		32.77nm							epPKP	01	49.00				
MBC	97.40	14	eP	55	19.00	-0.7	TET	121.84	244	iPKP	00	41.00	-0.7				iPP	03	22.00				
	1.0s	290.00nm				6.8mb				e	02	14.00					eSKP	04	30.00				
ALQ	97.75	56	P	55	22.70	0.3	BFS	122.33	229	ePKP	00	42.70	0.1				e	16	50.00				
	1.0s	47.50nm				6.0mb		0.7s		30.14nm							eSS	20	40.00				
	Z 20s	1.24um				5.4Msz	SLA	122.76	128	ePKPc	00	43.00	-0.5				e	22	50.00				
QUE	98.66	299	eP	55	25.90	-0.6	SUR	123.14	220	iPKPc	00	44.40	0.3	SKO	132.65	319	iPKP	01	01.80	0.0			
			eS	05	59.00			1.1s		88.61nm					1.8s	300.00nm							
GOL	99.14	51	iP	55	30.00	1.4	NAI	123.43	262	ePKP	00	45.50	0.3		Z	21s	2.70um		5.9Msz				
	1.8s	89.29nm				6.0mb		2.0s		264.71nm					E	21s	1.25um						
	Z 22s	3.24um				5.8Msz	UPP	123.50	339	iPKP	00	41.50	-2.1				i	04	21.00				
			epP	55	50.50	74kmX				i	00	43.10		HOF	132.69	334	iPKPc	01	02.20	0.6			
GLD	99.26	51	eP	55	32.00	2.9X				i	02	28.30			2.0s	194.00nm							
	1.5s	46.88nm				5.8mb	YJA	124.07	126	ePKPc	00	49.00	2.5	KHC	132.76	331	PKP	00	55.50	-6.3X			
	Z 22s	2.90um				5.7Msz	BUL	124.36	237	iPKPc	00	45.00	-1.8		Z	24s	3.40um		6.0MszX				
LTX	99.45	62	iP	55	31.20	1.2				ipPKP	01	10.00			N	24s	2.60um						
			epP	55	54.00	83km	CNCB	124.49	119	PKP	00	46.70	-0.9		E	24s	2.50um						
RSSD	100.51	47	iPdiff	55	36.30	1.6	LPB	124.51	118	ePKPd	00	46.00	-1.4				e	01	02.70				
	1.5s	144.77nm				6.4mb				PS	13	05.00					e	01	25.10				
FFC	102.28	36	ePdiff	55	41.00	-1.0				LR	40	30.00					e	03	28.00				
	1.7s	74.00nm				6.1mb	KRI	125.02	241	ePKP	00	45.00	-3.1X	CAR	132.77	85	ePKP	00	59.40	-3.5X			
TPM	102.47	73	ePdiff	55	47.00	3.1X				ipPKP	01	09.00					ePP	04	22.00				
JCT	102.90	61	ePdiff	55	45.50	0.1	JER	125.77	302	ePKP	00	48.00	-1.1	WIT	132.81	339	ePKP	01	03.50	1.8			
	1.1s	18.99nm				5.8mb	GVI	126.04	302	ePKP	00	50.00	0.5	WET	133.07	332	iPKPc	01	03.40	1.0			
	Z 22s	2.59um				5.7Msz	PRNI	126.20	300	ePKP	00	49.50	-0.4		2.0s	193.00nm							
MHI	105.34	305	ePKP	59	53.00	-17.0X	ISR	127.87	320	ePKP	00	53.00	0.3	WTS	133.43	338	ePKP	01	04.00	1.1			
			e	01	48.00		UAV	128.45	87	ePKP	00	54.20	-0.7	GRF	133.43	333	ePKP	00	57.00	-6.1X			
			e	09	20.00		COP	128.46	338	iPKPd	00	54.80	1.5		Z 21s		2.60um		5.9Msz				
ALE	105.62	5	ePdiff	55	57.00	0.6		1.0s		72.00nm							e	01	02.50				
	1.2s	25.00nm				6.1mb	CMP	128.75	321	ePKPd	01	00.00	5.7X				e	01	04.00				
HKT	106.30	62	iPKP	00	20.00	8.2X	MUD	129.00	340	ePKP	00	55.00	0.7				e	01	05.40				
TUL	106.51	56	ePdiff	56	03.50	2.2		1.2s		51.00nm							e	03	32.40				
	1.0s	11.70nm				5.9mb	KRA	129.02	329	ePKPd	00	54.30	-0.3	OHR	133.49	318	ePKP	01	02.20	-1.3			
NSLM	107.12	60	ePKP	00	30.00	16.7X		1.6s		177.00nm							i	04	23.90				
RLO	107.13	55	ePdiff	56	04.60	0.5				e	01	37.40		SJG	133.61	75	iPKPd	01	03.80	-0.5			
RSON	107.46	40	ePKP	00	13.00	-0.4				i	03	09.90		KBA	134.28	329	e(PKP)	00	55.00	-10.0X			
	Z 18s	1.03um				5.4Msz				e	13	34.00			2.8s	394.00nm							
RSON	107.46	40	ePdiff	56	05.30	0.1	JMB	129.04	317	iPKPc	00	55.00	0.1				ic	01	02.70				
LHC	110.61	42	ePdiff	56	20.00	0.8	SPC	129.38	328	iPKP	00	57.20	1.6				i	01	51.70				
LHC	110.61	42	ePKP	00	17.50	-1.9				e	01	37.80					i	02	10.20				
	1.7s	441.00nm								i	03	08.40					i	02	30.30				
			pP	00	53.00		JOS	129.63	327	ePKP	00	56.20	0.4				e	03	25.00				
FVM	110.76	53	Pdiff	56	28.90	8.7X	PVL	129.67	319	iPKPd	00	57.00	0.9				i	03	28.70				
FVM	110.76	53	ePKP	00	16.50	-3.6X	DIM	129.89	317	ePKP	00	56.00	-0.5				i	03	36.70				
SOD	115.47	342	ePKP	00	27.00	-1.1	TOV	129.90	86	ePKP	00	56.80	-0.6				i	04	14.30				
			epPKP	00	48.00		CLO	130.22	322	ePKP	00	57.00	-0.1	LJU	134.36	328	ePKP	01	05.50	0.6			
TAB	115.75	307	ePKP	00	30.00	0.2	KDZ	130.22	317	iPKP	00	55.00	-2.2				e	01	28.80				
FRB	116.21	22	ePKP	00	28.00	-1.6	KSP	130.31	331	iPKPc	00	57.90	0.8				eS	04	34.50				
			pP	01	35.00			1.7s		133.00nm				VOY	134.71	328	ePKP	01	06.00	0.3			
GDH	116.99	13	ePKPc	00	32.00	1.1				e	03	12.00					i	01	25.30				
	1.0s	10.00nm								e	04	12.50					e(PP)	93	40.00				
			i	01	40.00		PLD	130.45	318	ePKP	00	58.00	0.4				e	04	29.00				
			i	09	15.00		BUD	131.05	326	iPKPd	00	59.00	0.5	ENN	134.75	338	e(PKP)	00	58.50	-7.0X			
			i	11	18.00		VTS	131.20	319	iPKPc	00	59.00	0.0				e	01	08.00				
KJF	117.07	339	iPKP	00	32.00	0.7	SRO	131.24	327	ePKP	01	00.00	1.1	MEM	134.85	338	ePKP	01	07.20	1.6			
	0.9s	32.10nm								e	04	17.00		TRI	134.99	328	e(PKP)	01	03.50	-2.6			
			ipPKP	00	56.00					e	20	48.00					e	01	32.60				
			ePS	11	44.00		MMB	131.33	317	iPKPc	00	59.00	-0.4				e(pPKP	01	53.50				
			eSS	17	48.00		BRG	131.37	333	iPKPd	00	59.10	0.0				i(PP)	03	40.00				

23d 14h

i(PKS)04 36.00
i(pPKS05 16.00
i(PSKS14 12.00
i 17 16.00
i(SS) 21 36.00
i(sSS)23 24.00
i(SSS)25 56.00
UCC 135.29 339 ePKP 01 07.20 0.7
GWF 135.51 335 ePKP 00 56.50 -10.5X
WLF 135.56 337 PKP 00 57.60 -9.4X
e 01 03.00
e 01 08.00
e 02 08.50
DOU 135.79 338 PKP 00 56.70 -10.8X
Z 20s 3.90um 6.1Msz
e 01 10.40
e 03 47.30
e 21 38.00
CTI 135.84 329 ePKP 01 08.00 0.1
GUV 136.28 59 ePKP 00 57.20 -12.3X
VAO 137.00 140 ePKP 01 11.10 0.4
MNS 137.75 325 ePKP 01 16.00 4.6X
LOR 138.39 337 ePKP 01 03.70 -8.8X
LBF 138.58 336 ePKP 01 04.40 -8.5X
FLN 138.64 342 iPKPd 01 03.20 -9.7X
LDF 138.68 341 iPKPd 01 03.50 -9.4X
SSF 138.70 337 iPKPd 01 05.70 -7.3X
SMF 138.91 336 iPKPd 01 06.30 -7.2X
AVF 138.98 337 iPKPd 01 06.10 -7.4X
GRR 139.09 342 iPKPd 01 04.90 -8.8X
BGF 139.37 337 iPKPd 01 07.10 -7.2X
LPF 139.46 342 ePKP 01 06.20 -8 1X
MZF 139.76 337 ePKP 01 08.60 -6 4X
TCF 139.84 337 ePKP 01 07.80 -7.4X
FRF 140.10 331 ePKP 01 09.20 -6.5X
LSF 140.13 338 iPKPd 01 08.70 -7.0X
LRG 140.31 331 ePKP 01 09.60 -6.4X
LMR 140.33 331 iPKPd 01 09.80 -6.3X
MFF 140.43 340 ePKP 01 09.30 -6.8X
RJF 140.93 337 ePKP 01 11.80 -5.3X
CAF 141.03 336 ePKP 01 11.60 -5.8X
BAO 141.36 131 e(PKP)01 13.00 -5.9X
LFF 141.54 337 ePKP 01 13.60 -4.6X
LPO 141.58 337 ePKP 01 13.90 -4.4X
BNG 142.46 264 iPKPd 01 15.20 -5.6X
0.9s 256.00nm
id 01 39.90
ic 04 26.60
EPF 143.30 336 ePKP 01 18.60 -2.8
OGE 143.50 337 ePKP 01 18.90 -2.8
JAU 143.57 337 ePKP 01 19.70 -2.3
LHE 143.77 337 ePKP 01 20.10 -2.2
LGR 144.86 339 iPKP 01 24.00 0 0
i 01 36.50
ePP 04 32.50
e 05 25.00
EBR 145.07 334 ePKP 01 24.00 -0.3
STS 146.27 346 iPKPd 01 27 00 0.7
eSn 01 51.00
ALI 147.52 332 iPKP+ 01 30.00 1.6
ePP 05 00.00
TOL 147.68 338 iPKP- 01 09.00 -19.7X
1.2s 23.00nm
i 01 13.00
ipP 01 38.50
i 01 54.00
ePP 04 42.00
epPP 05 09.00
eSPS 08 22 00
ePS 14 42 00
iSS 23 57.00
PTO 147.93 345 ePKP 01 31.50 2.5X
MTE 148.34 343 iPKPc 01 33.30 3.5X
COI 148.76 344 iPKPc 01 34.30 3 9X
PRL 149 29 342 ePKP 01 36.00 4.6X
ALM 149.64 333 iPKPd 01 36.90 5.1X
1.7s 1.70nm
CRT 149.85 335 iPKP 01 36 10 3.9X
MAL 150 57 336 iPKP 01 39.50 6.3X
i 02 04.00
SOB1 150.78 131 ePKP 01 34.30 0.1
e 01 38.80
e 02 02.30
ITR 152.88 133 ePKP 01 34.50 -2.8
i 01 38.10
e 01 44.80
i 01 57.00

e 02 25.30
e 02 37.80
TAM 153.55 301 iPKP 01 43.00 4.8X
KIC 165.49 256 ePKP 01 50.60 -0.9
e 02 14.60
e 02 51.20
e 03 13.80
e 06 35.90
S.D = 1.0 on 275 of 340 obs.

FEB 23, 1985 14h 23m 14.53± 1.83s
29.289 S ±11.9km 176.884 W ±14.3km
DEPTH = 49.6 ± 15.1 km
4.6mb (3 obs.)
KERMADEC ISLANDS REGION (177)
RAO 0.90 272 P 23 31.00 -0.1
S 23 52.50
GNZ 10.24 203 eP 25 42.00 0.3
eS 27 36.00
KRP 10.68 214 eP 25 55.00 7.4X
SVA 11.91 338 eP 26 04.10 -0.2
TCW 13.91 209 P 26 34.00 3.4X
S 29 02.00
NOU 16.53 291 iPc 27 11.50 7.0X
PVC 17.77 307 iPc 27 28.00 8.1X
CAN 29.36 249 eP 29 19.40 4.3X
WAM 29.50 248 eP 29 15.20 -1.0
YOU 29.85 251 eP 29 17.90 -1.5
ASPA 44.15 265 eP 31 22.00 1.7
WB2 45.03 270 eP 31 28.20 0.9
WRA 45.04 270 P 31 28.00 0.6
0.9s 6.50nm 4.5mb
SPA 60.88 180 e(P) 33 28.50 4.3X
MAT 77.89 324 eP 35 17.00 8.4X
1.3s 44.23nm 5.3mb
SYP 83.15 44 eP 35 37.00 0.3
MWC 84.13 45 eP 35 50.00 8.2X
PLM 84.32 47 eP 35 46.00 3.3X
ISA 84.83 44 eP 35 54.00 8.9X
TPC 85.32 47 eP 35 53.00 5.4X
GLA 85.44 48 eP 35 50.00 1.9
CLC 85.47 45 eP 35 47.00 -1.2
GSC 85.62 45 eP 35 57.00 7.9X
EUR 88.83 43 iP 36 04.50 -0.2
1.0s 2.31nm 4.4mb
BJI 92.82 315 eP 36 34.00 11.2X
SUF 143.36 342 ePKP 42 43.00 -1.3
NUR 145.59 341 iPKP 42 48.20 0.0
0.8s 22.00nm
i 42 57.60
UPP 147.89 346 ePKP 43 03.00 11.1X
BNG 151.28 214 iPKPd 43 12.00 13.4X
0.8s 9.00nm
ic 43 16.30
JOS 156.61 330 ePKP 42 51.20 -13.7X
S.D. = 1.2 on 14 of 30 obs.

FEB 23, 1985 14h 45m 35.94± 0.14s
6 966 S ± 2.4km 30.928 E ± 3.8km
DEPTH = 10.0km (geophysicist)
5.7mb (69 obs.) 5.3Msz (1 obs.)
LAKE TANGANYIKA REGION (572)
NAI 8.14 46 iPc 47 38.00 0.8
1.0s 130.00nm 6.1mb X
TET 9.49 164 iPn 47 56.00 0.3
ePg 48 17.00
iSg 49 37.00
KRI 9.89 187 iPn 48 01.00 -0.4
iSn 49 44.00
iLg 50 50.00
BUL 13.29 190 iP 48 46.00 -1.5
i 49 28.00
iSn 51 04.00
BNG 16.76 312 iPc 49 31.00 -1.5
0.8s 42.00nm 4.6mb X
ic 49 33.00
id 52 17.00
id 58 10.00
SLR 18.84 187 eP 49 59.60 1.2
0.9s 573.11nm 5.8mb
i 50 11.20
EVA 19.51 185 eP 50 07.50 0.8
1.0s 284 00nm 5.5mb
AVY 20.21 128 iPc 50 14.80 0.7
BFS 20.21 191 iPd 50 13.30 -0.8

0.7s 232.88nm 5.6mb
i 50 26.50
JOZ 20.40 177 eP 50 15.60 -0.2
1.0s 62.00nm 4.9mb
i 50 31.80
VIR 21.35 190 iPd 50 26.50 0.7
1.0s 210.00nm 5.5mb
i 50 44.50
SEK 21.47 188 iPd 50 28.10 1.1
1.0s 285.00nm 5.6mb
S 54 38.00
GRM 26.53 188 eP 51 30.00 14.3X
0.7s 68.49nm
i 51 36.70
SUR 26.98 199 iPd 51 36.00 15.9X
1.0s 134.00nm
Z 17s 3.40um 5.0MszX
KIC 37.97 290 iPd 52 56.30 0.3
i 53 11.90
SHI 41.91 29 eP 53 29.00 0.5
KER 43.85 19 e(P) 53 45.00 0.7
KDZ 48.64 354 iPd 54 22.00 0.1
ORI 48.65 345 iPd 54 23.00 0.9
VAY 48.66 352 iPd 54 22.80 0.7
OHR 48.74 350 eP 54 27.40 4.6X
MMB 48.77 353 iPc 54 23.00 0.0
DIM 49.02 355 iPc 54 25.00 0.2
PLD 49.16 354 eP 54 27.00 1.1
POO 49.33 58 eP 54 28.20 0.5
SKO 49.47 351 iP 54 28.50 0.2
1.5s 100.00nm 5.6mb
VTS 49.83 353 iPc 54 32.00 1.0
PVL 50.15 355 iPc 54 34.00 0.5
GBA 50.49 66 Pc 54 35.50 -1.1
0.8s 32.90nm 5.3mb
QUE 50.59 41 eP 54 39.00 1.7
MHI 50.71 30 iPc 54 38.60 0.6
MNS 51.86 343 iPd 54 46.60 0.1
ISR 52.01 356 eP 54 48.00 0.3
CLO 52.31 353 eP 54 50.00 0.1
BEO 52.40 351 iP 54 51.20 0.6
i 55 07.20
i 55 13.90
HYB 52.92 62 eP 54 53.50 -1.5
0.8s 15.40nm 5.0mb
e 55 09.00
CVF 53.24 340 iPd 54 56.90 0.0
1.1s 75.20nm 5.6mb
CRT 54.50 326 iP 55 08.30 2.0
TRI 54.64 345 iPd 55 06.70 -0.4
i 55 29.60
LMR 54.75 338 iPd 55 08.10 0.2
1.2s 73.70nm 5.6mb
LJU 54.77 346 eP 55 07.50 -0.6
e 55 30.30
FRF 54.89 339 iPd 55 09.10 0.1
1.2s 84.00nm 5.6mb
LRG 54.91 338 iPd 55 09.30 0.2
1.2s 120.20nm 5.8mb
VOY 54.91 346 ePd 55 09.20 0.0
e 55 32.30
e(PP) 57 13.30
BUD 55.23 350 iPd 55 22.80 11.4X
1.2s 70.70nm
CTI 55.52 344 iPd 55 14.00 0.4
SRO 55.67 350 iPd 55 15.00 0.5
e 21 40.00
SOP 55.88 348 iPd 55 16.00 0.0
1.2s 89.80nm 5.7mb
JOS 55.97 352 iPd 55 16.00 -0.7
1.2s 87.90nm 5.7mb
KBA 56.02 346 iPd 55 17.30 -0.1
1.1s 103.50nm 5.8mb
i 55 40.70
i 57 18.80
i 57 38.30
ZST 56.26 349 iPd 55 18.50 -0.3
e 55 41.50
VKA 56.48 348 ePd 55 19.00 -1.4
1.0s 194.00nm 6.1mb
i 55 20.10
OSS 56.53 343 ePd 55 21.10 0.1
VDL 56.54 342 ePd 55 21.00 -0.1
MMK 56.62 341 ePd 55 21.70 -0.1
SPC 56.69 352 iPd 55 22.70 0.6
i 55 45.80
BHG 56.74 346 eP 55 21.60 -0.7

1.0s 94.00nm 5.8mb
DIX 56.83 341 ePd 55 22.40 -0.9
EMS 56.98 340 ePd 55 23.00 -1.3
GAP 56.99 344 eP 55 23.70 -0.4
1.0s 71.00nm 5.7mb
EPF 56.99 334 iPd 55 24.90 0.7
1.3s 98.90nm 5.7mb
LLS 57.03 342 ePd 55 23.90 -0.7
SAX 57.27 343 ePd 55 25.60 -0.8
FUR 57.56 345 iPd 55 27.60 -0.5
1.0s 146.00nm 6.0mb
KRA 57.58 352 ePd 55 27.40 -0.8
1.0s 66.00nm 5.6mb
e 55 34.70
i 55 51.00
ZUL 57.76 342 ePd 55 28.80 -0.7
CAF 57.80 336 iPd 55 30.50 0.7
1.3s 84.40nm 5.6mb
LGR 57.85 331 iPKP 55 31.00 0.8
KHC 57.89 347 iPd 55 30.00 -0.4
1.0s 114.00nm 5.9mb
e 55 46.00
e 57 55.70
LPO 57.96 335 iPd 55 31.70 0.8
1.4s 125.60nm 5.8mb
SLE 57.99 342 ePd 55 30.50 -0.6
WET 58.07 346 iPd 55 31.20 -0.4
1.5s 75.00nm 5.5mb
RJF 58.34 336 iPd 55 34.20 0.7
1.4s 90.70nm 5.6mb
LFF 58.36 335 iPd 55 34.50 0.9
1.1s 94.90nm 5.8mb
PRU 58.48 348 Pd 55 33.20 -1.3
e 55 47.00
e 56 36.70
SMF 58.56 338 iPd 55 34.90 -0.2
1.1s 73.20nm 5.7mb
BSF 58.57 341 iPd 55 35.30 0.0
1.0s 125.60nm 6.0mb
MZF 58.67 337 iPd 55 36.90 1.0
STU 58.69 343 iPd 55 35.50 -0.4
1.0s 100.00nm 5.9mb
Z 20s 2.13um 5.3Msz
LBF 58.80 339 iPd 55 36.60 -0.2
1.1s 54.20nm 5.6mb
BGF 58.86 338 iPd 55 37.60 0.5
1.4s 62.10nm 5.5mb
AVF 58.86 338 iPd 55 37.30 0.1
1.2s 88.00nm 5.8mb
HAU 58.87 341 iPd 55 37.30 0.0
1.2s 103.50nm 5.8mb
TCF 58.87 337 iPd 55 38.30 1.0
BUH 58.88 343 ePd 55 37.20 -0.1
CDF 58.93 342 iPd 55 37.40 -0.4
1.0s 104.00nm 5.9mb
KSP 58.95 349 ePd 55 36.50 -1.2
1.0s 31.00nm 5.4mb
e 56 00.00
GRF 58.98 345 iPd 55 37.90 -0.1
1.4s 296.00nm 6.2mb
SSF 59.03 338 iPd 55 38.20 -0.2
1.1s 32.70nm 5.4mb
LOR 59.08 339 iPd 55 38.60 -0.1
1.1s 63.40nm 5.7mb
LSF 59.11 337 iPd 55 39.60 0.7
1.4s 104.80nm 5.8mb
GWF 59.33 342 iPd 55 40.00 -0.4
HOF 59.39 346 iPd 55 40.50 -0.3
1.4s 118.00nm 5.8mb
BRG 59.45 348 iPd 55 39.60 -1.6
1.2s 43.00nm 5.5mb
e 58 07.10
MOX 59.76 346 iPd 55 43.00 -0.4
1.7s 178.00nm 5.9mb
i 56 06.00
CLL 60.06 347 iPd 55 44.10 -1.3
1.8s 97.00nm 5.6mb
i 56 08.00
MFF 60.07 336 iPd 55 45.80 0.3
1.2s 95.20nm 5.8mb
TNS 60.21 344 iPd 55 46.30 -0.2
WLF 60.39 342 Pd 55 47.50 -0.1
sP 56 10.90
STB 61.00 343 iPd 55 52.50 0.7
STS 61.22 328 eP 55 54.00 0.6
DOU 61.26 341 Pc 55 53.70 0.2
1.0s 85.00nm 5.8mb

e 56 12.70
MEM 61.26 342 P 55 53.00 -0.5
sP 56 17.40
ENN 61.43 342 iPd 55 55.20 0.5
1.2s 152.00nm 6.0mb
epP 56 12.50 65kmX
esP 56 18.50
LPF 61.58 336 iPd 55 55.80 0.1
1.2s 181.80nm 6.1mb
LDF 61.67 337 iPd 55 56.20 -0.2
1.3s 137.10nm 6.0mb
GRR 61.79 337 iPd 55 57.10 -0.1
1.1s 95.80nm 5.9mb
UCC 61.94 341 Pd- 55 58.70 0.5
pP 56 16.00 65kmX
sP 56 23.00
FLN 61.95 337 iPd 55 57.90 -0.3
1.3s 67.80nm 5.7mb
WTS 62.26 343 eP 56 01.00 0.8
1.1s 150.00nm 6.1mb
epP 56 18.00 64kmX
esP 56 25.00
DMN 62.61 54 eP 56 02.40 -1.0
KKN 62.83 54 eP 56 03.70 -1.0
1.3s 61.00nm 5.6mb
PKI 62.84 54 eP 56 08.50 3.5X
1.3s 32.00nm 5.4mb
WIT 63.02 344 eP 56 06.50 1.3
epP 56 24.00 66kmX
esP 56 30.50
COP 64.28 348 iPc 56 14.00 0.5
0.9s 57.14nm 5.8mb
i 56 37.00
MUD 65.69 347 iPc 56 21.30 -1.3
1.2s 150.00nm 6.1mb
i 56 47.00
NUR 67.45 357 iP 56 33.20 -0.4
0.8s 26.40nm 5.5mb
i 56 56.20
UPP 67.45 353 iP 56 32.80 -0.9
i 56 56.40
DLE 67.87 337 iPd 56 36.80 0.3
1.0s 80.00nm 5.9mb
DCN 68.20 336 iPd 56 38.10 -0.5
1.0s 200.00nm 6.3mb
EKA 68.23 340 Pc 56 39.40 0.7
1.2s 94.50nm 5.9mb
LSA 68.31 54 P 56 50.00 9.7X
DMU 68.48 337 iPd 56 40.50 0.2
1.2s 170.00nm 6.1mb
ITR 68.64 263 eP 56 40.90 -1.2
SUF 69.58 358 iP 56 46.00 -0.8
0.8s 10.40nm 5.0mb
KHT 70.47 72 eP 56 53.30 0.2
IPM 70.89 83 ePd 56 55.40 -0.5
e 57 12.10
KJF 71.01 359 iP 56 55.00 -0.5
1.0s 44.00nm 5.5mb
i 57 03.50
WMO 71.90 40 Pc 57 02.00 0.5
i 57 18.50
NST 72.11 71 eP 57 02.80 -0.2
LOE 73.99 70 eP 57 27.50 13.5X
SOD 74.22 358 iP 57 14.50 0.1
i 57 22.20
VAO 76.20 248 eP 57 27.80 1.0
e 57 45.20
KEV 76.60 359 iP 57 28.20 0.3
0.7s 26.70nm 5.4mb
i 57 52.50
KMI 76.70 62 Pc 57 29.00 -0.8
i 57 46.00
BAO 77.52 256 iPc 57 34.00 -0.3
BAO 77.52 256 iPc 57 34.50 0.2
GTA 78.41 48 P 57 41.20 2.4
CD2 79.03 57 eP 57 42.80 0.5
GYA 80.45 62 P 57 50.00 -0.1
MRWA 82.35 119 eP 58 00.00 0.2
MUN 82.36 121 eP 58 00.00 0.1
NAU 82.37 112 eP 58 00.00 0.0
BAL 82.88 120 eP 58 02.00 -0.6
RKG 82.91 123 eP 58 02.00 -0.6
SPA 83.08 180 e(P) 58 04.00 0.9
NWAO 83.17 122 eP 58 04.00 0.0
0.9s 29.00nm 5.5mb
KLB 83.71 121 eP 58 06.00 -0.8
XAN 84.01 55 eP 58 08.70 0.4

MEK 84.80 116 iPd 58 11.90 -0.5
BTO 86.27 49 eP 58 22.00 2.5
MBL 86.51 111 eP 58 21.00 0.1
DAG 88.24 350 iPd 58 27.90 -0.3
1.3s 25.00nm 5.4mb
BJI 90.80 50 eP 58 42.50 1.6
TCA 91.11 238 ePd 58 43.90 1.2
WBN 92.01 116 eP 58 46.00 -0.8
ALE 97.30 352 eP 59 09.00 -0.9
1.0s 7.00nm 5.2mb
WRA 100.12 112 Pdiffd59 21.50 -2.5
0.7s 11.00nm 5 5mb
WB2 100.14 112 ePdiff59 23.50 -2.6
i 59 41.30
MAT 107.99 54 iPKPd 04 01.70 -4.3
0.7s 28.77nm
YKA 119.12 342 ePKP 04 11.20 -15.2X
COL 122.16 359 ePKP 04 31.00 -1.1
e 06 07.00
BDW 130.20 322 ePKP 04 48.20 -0.4
1.0s 3.00nm
CLC 139.32 319 ePKP 05 01.00 -4.8X
SBB 140.14 318 ePKP 05 02.00 -5.3X
SYP 141.64 320 ePKP 05 10.00 -0.1
S.D. = 0.8 on 155 of 166 obs

• FEB 23, 1985 15h 36m 29.34± 1.18s
41.171 N ±18.1km 118.734 W ± 7.2km
DEPTH = 5.0km (geophysicist)
NEVADA (37)
ML 4.4 (BRK).

BMN 1.36 122 P 36 55.80 0.7
WCN 2.02 203 P 37 02.20 -2.4
MIN 2.33 250 e(P)c 37 09.90 0.8
iPg 37 13.90
iS 37 46.40
ORV 2.66 234 ePnc 37 14.60 1.0
i 37 17.00
i 37 24.10
iSg 37 59.10
EUR 2.70 128 iP 37 15.20 0.7
MNA 2.77 171 e(P) 37 19.50 4.1X
i 37 24.30
iS 38 02.20
WDC 2.95 260 ePc 37 17.60 -0.1
i 37 22.80
iS 38 03.40
JAS1 3.49 202 e(P) 37 31.60 6.2X
i 37 37.00
iSg 38 26.40
FRI 4.24 191 ePg 37 50.50 14.5X
eSg 38 49.00
DUG 4.61 100 P 37 42.20 0.8
MFW 4.74 3 P 37 53.40 10.3X
HPI 4.88 57 P 37 49.80 4.3X
LRM 6.52 42 eP 38 06.20 -2.3X
BDW 7.02 74 e(P) 38 14.00 -1.5
S.D. = 1.5 on 8 of 14 obs

FEB 23, 1985 19h 14m 26.58± 0.36s
18.456 S ± 4.7km 177.981 W ± 3.3km
DEPTH = 528.2 ± 4.3 km
5.2mb (40 obs.)
FIJI ISLANDS REGION (181)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 12C
Centroid Location:
Origin Time 19:14:32.8 0.8
Lat 18.97S 0.13 Lon 177.85W 0.08
Dep 526.1 4.6 Half-duration 1.8
Moment Tensor; Scale 10**23 D-CM
Mrr=-8.67 1.09 Mtt= 4.37 1.93
Mff= 4.30 1.15 Mrt=-8.52 1.15
Mrf=-4.04 1.43 Mtf= 1.50 1.39
Principal Axes:
T Val= 10.32 Plg=26 Azm=147
N 3.07 4 239
P -13.38 63 338
Best Double Couple:Mo=1.2*10**24
NP1:Strike=227 Dip=19 Slip=-103
NP2: 61 71 -86

SVA 3.40 275 ePc 15 43.90 0.8
S 16 45.90
VUN 3.41 277 eP 15 45.00 1.8

23d 19h

			eS	16	48.00		SRY	67.32	323	eP	24	28.80	-1.6		1.0s	5.50nm		4.4mb	
NDF	4.40	278	iPc	15	52.00	1.2	DDR	67.64	323	eP	24	31.90	-0.5	BDT	88.99	288	eP	26	27.00	0.8
YSA	4.59	292	ePd	15	43.40	-8.9X	MAT	68.59	323	eP	24	36.00	-2.1	GLD	89.06	47	eP	26	28.00	1.6
AFI	7.48	54	iPc	16	15.70	-3.8X		1.1s		82.28nm			5.2mb		1.0s		18.00nm			4.9mb
			S	17	41.00		ADK	70.05	1	eP	24	44.50	-1.9	JCT	89.48	58	iP	26	29.00	0.6
PVC	13.05	271	iPc	17	17.50	0.8	SMY	71.22	355	eP	24	51.60	-1.6		0.8s		14.18nm			4.9mb
NOU	15.09	253	iPc	17	37.10	-0.1	SPA	71.66	180	iPc	24	57.30	1.3	CHG	89.57	290	iPc	26	30.20	1.3
			iS	20	21.00			1.0s		70.00nm			5.1mb		1.0s		14.50nm			4.8mb
KRP	20 21	195	Pc	18	28.00	1.5				e	26	48.00		CD2	89.70	303	P	26	30.70	1.3
			e	19	45.80		SYP	76.25	46	eP	25	22.00	-0.2	SES	90.22	36	iPd	26	31.00	-0.3
GNZ	20 41	189	P	18	27.60	-0.8	GCC	76.33	43	eP	25	22.80	0.4	LZH	91.54	308	eP	26	39.00	1.1
			eS	22	02.00		PRS	76.34	44	eP	25	23.20	0.7	RSSD	91.67	44	iP	26	38.40	0.0
MNG	22.79	193	P	18	48.10	-2.1	PCC	76.36	42	eP	25	23.00	0.4		1.0s		35.00nm			5.3mb
TCW	23.63	195	P	18	56.20	-1.5	SAO	76.54	44	eP	25	23.90	0.3	INK	92.30	15	ePd	26	39.30	-1.1
AFR	26.83	93	iP	19	25.80	-0.5	NWRM	76.61	41	P	25	24.30	0.4		1.0s		49.00nm			5.5mb
	0.9s		85.00nm			5.3mb	BKS	76.68	42	ePd	25	24.60	0.3	YKA	94.66	25	eP	26	51.00	-0.3
			eScP	25	26.00			1.1s		92.00nm			5.1mb	GTA	95.69	310	eP	26	57.50	0.8
PAE	27.00	93	iP	19	27.30	-0.5	PRI	76.69	44	eP	25	25.40	0.8	MBC	100.79	12	ePdiff	27	18.00	-0.7
	0.9s		105.00nm			5.4mb	MHC	76.75	43	eP	25	25.50	0.6	OTT	111.43	48	ePKP	32	01.00	-0.8
			eScP	25	26.00		LLA	76.78	44	eP	25	25.40	0.5	FRB	114.98	28	ePKP	32	07.00	-1.1
PPT	27.02	93	iP	19	27.50	-0.4	ARN	76.82	43	P	25	25.90	0.7	SCH	117.08	37	ePKP	32	11.00	-1.5
	0.9s		75.00nm			5.3mb	PAS	77.29	47	eP	25	27.00	-0.7	QUE	120.37	295	ePKP	32	20.00	0.3
			eScP	25	26.00		MWC	77.41	47	eP	25	28.00	-0.6	KEV	126.47	349	iPKP	32	29.60	-0.4
TBI	27.06	165	iP	19	28.20	0 0	BAR	77.57	49	eP	25	30.00	0.7		0.6s		18.30nm			
	0.7s		65.00nm			5.3mb	RMT	77.62	40	P	25	30.50	1.2	MHI	126.71	302	iPKPc	32	31.40	-0.3
PPN	27.16	93	iP	19	28.80	-0.3	RVR	77.76	48	eP	25	29.00	-1.3	SOD	128.62	348	iPKP	32	35.50	1.4
	0.9s		75.00nm			5.3mb	PLM	77.79	49	eP	25	30.00	-0.7	KJF	131.09	345	iPKP	32	35.20	-3.7X
			eScP	25	27.00		FRI	77.81	44	eP	25	30.50	0.1		0.6s		27.40nm			
TVO	27.30	93	iP	19	30.20	-0.3	SBB	77.82	47	eP	25	30.00	-0.6				i	32	38.50	
	0.9s		100.00nm			5.4mb	JAS1	77.87	43	iPd	25	31.00	0.2	SUF	132.72	345	ePKP	32	26.00	-16.1X
			eScP	25	28.00		ISA	77.90	46	eP	25	30.00	-1.1	BUL	133.61	216	ePKP	32	45.00	-0.3
MSZ	28.68	201	eP	19	41.00	-1.1	WKTM	78.00	46	P	25	31.50	-0.1				iSKP	35	31.00	
PMO	29.00	88	iP	19	44.80	-0.4	WDC	78.10	40	eP	25	32.10	0 2	NUR	134.99	344	ePKP	32	31.00	-15.4X
	0.9s		75.00nm			5.3mb	ORV	78.13	41	P	25	32.20	0.1		0.7s		21.40nm			
VAH	29.21	88	iP	19	46.40	-0.6	VPEM	78.51	46	P	25	35.00	0.6				i	32	46.00	
	0.9s		55.00nm			5.1mb	MIN	78.53	40	eP	25	34.20	-0.2	KRI	135.65	219	ePKP	32	47.00	-2.2
TPT	29.26	88	iP	19	47.20	-0.3	CLC	78.58	46	eP	25	34.00	-0.7				iSKP	35	38.00	
	0.9s		80.00nm			5.3mb	CWC	78.59	45	eP	25	34.00	-0.8	NB2	136.96	353	PKP	32	38.50	-11.8X
RUV	29 45	88	iP	19	48.60	-0.5	NJ2	78.60	309	iPc	25	35.60	0.9		0.5s		1.90nm			
	0 9s		115.00nm			5.5mb	TPC	78.76	48	eP	25	35.00	-0.6	UPP	137.14	348	iPKP	32	38.40	-12.1X
COO	29.85	240	iPc	19	53.10	0.6	KDC	78.82	14	eP	25	34.60	-0.7	MUD	141.68	354	iPKPd	32	54.00	-4.8X
CAN	33.70	233	iPc	20	25 90	0.9	GSC	78.85	47	eP	25	35.00	-1.1		0.4s		15.50nm			
CTA	33.76	261	iPd	20	24.90	-0.7	MNA	79.63	44	iPd	25	40.70	0.5	COP	142.00	350	iPKPd	32	56.30	-3.0X
	1.0s		68.00nm			5.2mb	KGM	79.93	276	ePc	25	42.90	0.9		0.6s		40.00nm			
YOU	33.82	236	eP	20	27.00	1.0	CN2	80.70	322	Pd	25	45.00	-0.4	EKA	142.98	5	PKPc	32	57.40	-3.7X
WAM	34.11	232	iPc	20	29.80	1.4				i	26	45.00			0.5s		9.70nm			
PMG	34.96	280	iPd	20	35.50	-0.1	WHN	81.25	306	Pc	25	50.00	1.5	DMU	143.96	9	iPKPc	33	00.80	-2.0
	1.6s		120.00nm			5.4mb	BMN	81.33	42	iP	25	49.30	0.3		0.7s		190.00nm			
CMS	35.11	241	iPc	20	37.30	0.5		1.0s		45.00nm			5.0mb	DCN	144.44	10	iPKPc	33	02.50	-1.1
	0.8s		75.00nm			5.3mb	EUR	81.64	44	iP	25	50.20	-0.4		0.9s		270.00nm			
TOO	37.15	232	iPc	20	54.20	0.7		0.2s		27.91nm			5.4mb	DLE	144.60	9	iPKPc	33	03.10	-0.8
	0.6s		46.00nm			5.2mb	TIA	81.92	312	eP	25	51.90	0.1		1.0s		310.00nm			
TAU	38.11	223	iPc	21	02.10	0.9	GMW	82.21	34	P	25	53.20	0.2	ETA	145.23	9	iPKPd	33	05.30	0.4
STK	38.73	242	iPc	21	07.00	0.5	PGC	82.54	33	eP	25	55.00	0.4		0.8s		190.00nm			
	0.6s		25.00nm			5.0mb	IPM	82.92	277	ePc	25	58.20	0.9	KRA	145.36	340	iPKPd	33	05.80	0.6
BFD	39.24	233	eP	21	10.00	-0.5		0.9s		30.40nm			4.8mb		0.5s		143.00nm			
ISQ	39.99	260	eP	21	16.00	-0.9	TTA	82.94	10	eP	25	56.20	-0.2				i	33	07.30	
RKT	40.37	104	iP	21	20.80	1.0	PMR	83.04	13	P	25	56.00	-0.8				i	33	13.00	
	1.2s		115.00nm			5.3mb	PME	83.09	13	eP	25	55.60	-1.5	ECB	145.46	10	iPKPd	33	05.90	0.6
ADE	41.69	238	iPc	21	31.00	0.7		1.0s		52.50nm			5.0mb		0.8s		220.00nm			
	1.0s		40.00nm			4.9mb	MSU	83.68	46	P	26	01.70	0.8	ECP	145.71	9	iPKPd	33	06.40	0.7
WB2	44.92	260	iPc	21	54.80	-1.0	PNL	83.95	19	eP	26	01.20	-0.3		0.8s		270.00nm			
			eS	27	54.10		BJI	84.46	315	eP	26	05.00	0.7	KSP	145.75	344	iPKP	33	07.20	1.3
WRA	44.93	260	Pd	21	52.30	-3.6X	PNT	84.96	34	iPd	26	07.10	0.5		0.7s		215.00nm			
	0.8s		28.40nm			4.9mb		0.7s		46.00nm			5.2mb	SPC	145.99	338	ePKP	33	07.10	0.5
ASPA	45.04	255	iPd	21	56.00	-0.7	GYA	85.66	300	P	26	11.60	1.0	CLL	146.08	348	iPKP	33	06.50	0.1
	0.5s		185.00nm			5.9mb	NEW	85.71	36	eP	26	10.00	-0.3	BRG	146.29	346	iPKPc	33	06.80	0.1
			eS	27	55.00		TIY	85.93	312	Pc	26	12.50	0.9				i	33	08.80	
GUA	48.47	308	eP	22	22.20	-0.o	LTX	85.94	57	iP	26	13.90	2.0	WTS	146.32	355	iPKP	33	08.80	2.1
	0.9s	329	41nm			5.8mb				epP	28	14.00	549kmX		1.0s		263.00nm			
GUMO	48.53	308	eP	22	22.50	-0.8	ALQ	86.12	51	eP	26	12.80	0.1	JOS	146.47	338	ePKP	33	09.60	2.5
KNA	50.82	264	eP	22	39.00	-1 3		1.0s		20.00nm			4.8mb		1.0s		105.40nm			
WBN	51.55	251	iPd	22	44.50	-1.1	TMI	86.21	42	P	26	13.90	0.9	MLR	146.51	329	ePKPd	33	06.00	-1.5
	0.6s		52.00nm			5.1mb	IMA	86.24	10	eP	26	12.00	-0.6	PRU	146.98	345	ePKP	33	07.80	-0.1
KLG	55.82	245	eP	23	14.00	-1.8		1.0s		15.00nm			4.7mb		1.0s		72.30nm			
MBL	58.24	256	iPc	23	31.10	-1.4	COL	86.25	12	iPd	26	11.20	-1.3				iPKKP	33	10.80	
MEI	58.69	250	eP	23	34.00	-1.5		0.8s		5.60nm			4.3mb				e	33	13.80	
KLB	58.95	244	eP	23	35.00	-2.1	FBA	86.25	12	eP	26	10.80	-1.7	MOX	146.98	349	PKPc	33	08.00	0.1
NWAO	59.31	242	eP	23	58.00	18.4X	LOE	86.60	289	eP	26	14.80	-0.3		1.6s		123.00nm			
MUN	60.24	243	eP	23	45.00	-0.7	XAN	86.91	307	iPc	26	17.60	1.2				e	33	23.00	
MRWA	60.66	246	iPc	23	47.50	-1.0	IMW	87.12	42	P	26	18.00	0.5				e	34	11.00	
NAU	61.99	254	iPc	23	56.50	-0.7	LRM	87.13	40	eP	26	17.50	0.1	CMP	147.11	329	ePKPd	33	16.00	7.7X
	0.5s		45.00nm			5.2mb	BDW	87.47	43	iP	26	18.80	-0.2	HOF	147.25	348	ePKP	33	07.60	-0.7
CGP	62.55	290	ePd	23	59.50	-1.3		1.0s		18.00nm			4 8mb	JER	147.30	300	ePKP	33	11.00	1.9
LGP	65.43	294	iPd	24	18.80	-0.7				epP	28	23.00	570kmX	BNS	147.31	354	iPKPd	33	11.90	3.6X
OYM	67.20	323	eP	24	27.70	-2.0	KMI	88.44	297	Pc	26	25.50	1 6		0.7s		110.00nm			
TSK	67.28	324	eP	24	29.20	-0.9	GOL	88.93	47	iP	26	26.80	0 9	GPA	147.35	318	iPKP	33	11.60	2.8X

GVI	147.58	300	ePKP	33	13.00	3.6X
ENN	147.61	355	iPKPd	33	12.30	3.5X
	0.9s	113.00nm				
UCC	147.68	357	PKP	33	13.20	4.3X
STB	147.70	354	iPKPd	33	12.50	3.5X
MEM	147.76	355	PKP	33	07.30	-1.8
			i	33	12.70	
PRNI	147.84	298	ePKP	33	14.50	4.6X
SRO	147.84	339	iPKPd	33	14.00	4.7X
BUD	147.87	338	e(PKP)	33	13.00	3.6X
TNS	147.89	352	iPKPd	33	13.10	3.7X
ZST	147.89	341	iPKP	33	14.00	4.6X
			i	33	18.00	
GRF	147.97	349	ePKP	33	09.20	-0.3
			e	33	13.80	
			e	33	18.00	
KHC	148.01	346	iPKPc	33	09.90	0.3
	1.0s	125.00nm				
			i	33	13.30	
VKA	148.07	342	e(PKP)	33	12.00	2.3
	0.7s	83.60nm				
			id	33	13.80	
			i	33	18.60	
WET	148.15	346	ePKP	33	10.10	0.3
JMB	148.26	324	iPKPc	33	14.00	3.8X
DOU	148.37	357	PKPc	33	13.90	3.8X
SOP	148.52	341	ePKPd	33	11.00	0.6
PVL	148.56	327	iPKPc	33	17.00	6.4X
WLF	148.69	355	PKP	33	11.40	0.9
			i	33	15.50	
DIM	149.09	325	iPKP	33	16.00	4.6X
GWF	149.22	353	ePKP	33	10.50	-1.0
FUR	149.42	348	iPKPd	33	17.00	5.2X
	0.7s	169.00nm				
BUH	149.44	352	ePKP	33	12.20	0.4
KDZ	149.49	324	iPKP	33	17.00	4.9X
BEO	149.53	334	iPKP	33	17.20	5.2X
			i	33	23.70	
FLN	149.70	3	iPKPc	33	12.40	0.3
LDF	149.89	3	iPKPc	33	12.70	0.3
VTS	149.96	328	iPKPd	33	18.00	5.3X
KBA	149.97	344	ePKPc	33	11.00	-1.9
	0.7s	81.30nm				
			ic	33	17 60	
			i	33	26.70	
			i	00	21.20	
GRR	150.05	4	iPKPc	33	12.90	0.2
GAP	150.12	348	iPKP	33	18.80	5.9X
SLE	150.29	351	ePKP+	33	13.00	-0.1
HAU	150.32	354	ePKP	33	13.40	0.3
LPF	150.40	4	iPKPc	33	13.50	0.3
MMB	150.41	326	iPKPc	33	19.00	5.5X
BSF	150.44	353	ePKP	33	13.60	0.2
ZUL	150.58	351	ePKP+	33	13.90	0.3
LJU	150.60	342	ePKP	33	13.20	-0.4
			i	33	19.50	
VOY	150.79	343	ePKP	33	13.00	-1.0
			i	33	19.70	
			e	33	28.70	
OSS	151.06	348	ePKP+	33	14.60	0.1
LLS	151.09	350	ePKP+	33	14.60	0.0
TRI	151.13	343	iPKPc	33	19.90	5.6X
			i	33	30.00	
			i	33	41.50	
VAY	151.22	327	iPKP	33	20.00	5.4X
LOR	151.22	357	iPKPc	33	14.90	0.4
SKO	151.31	329	iPKP	33	21 20	6.4X
CTI	151.35	346	ePKP	33	15.00	0.1
VDL	151.38	349	ePKP+	33	15.30	0.3
SSF	151.45	358	iPKPc	33	15.30	0.5
LBF	151.50	357	ePKP	33	15.30	0.3
AVF	151.72	358	ePKP	33	15.60	0.4
SMF	151.85	357	ePKP	33	15 60	0.2
MFF	151.87	3	iPKPc	33	15.60	0.2
BGF	151.97	359	iPKPc	33	16.20	0.6
MMK	152.04	351	ePKP+	33	17.50	1.5
DIX	152.09	352	ePKP+	33	16.70	0.6
TCF	152.24	360	iPKPc	33	16.60	0.6
OHR	152.27	328	ePKP	33	21.40	5.1X
LSF	152.28	1	iPKPc	33	16.20	0.2
RJF	153.23	1	iPKPc	33	18.10	0.7
LFF	153.57	2	ePKP	33	18.60	0.8
CAF	153.61	360	iPKPc	33	18.80	0.9
LPO	153.84	1	ePKP	33	19.20	1.0
BNG	158 66	231	iPKPc	33	25.30	0.1
	0.6s	4.00nm				
			id	34	05.20	

			ic	36	06.80	
	S.D. = 1.0		on 201 of 239 obs.			
*	FEB 23, 1985 19h 22m 13.92± 1.49s					
	40.273 N ±14.9km		20.247 E ± 8.6km			
	DEPTH = 10.0km (geophysicist)					
	GREECE-ALBANIA BORDER REGION				(392)	
OHR	0.94	26	iPn	22	31.50	-0.3
			iSn	22	49.70	
SKO	1.92	28	ePn	22	47.00	0 0
VAY	2.05	59	iPn	22	49.00	0.2
TTG	2.28	341	ePn	22	52.40	0.3
			eSn	23	19.30	
HCY	2.54	329	ePn	22	55.80	0.0
ORI	2.92	267	ePn	23	01.10	-0.1
BRY	2.92	335	ePn	23	04.30	2.9X
			eSn	23	42.80	
	S.D. = 0.3		on 6 of 7 obs.			
	FEB 23, 1985 20h 49m 49.48± 0.66s					
	43.296 N ± 5.0km		0.590 W ± 7.1km			
	DEPTH = 10.0km (geophysicist)					
	PYRENEES				(378)	
	ML 3.1 (LDG).					
OGE	0.15	146	P	49	53.40	0.3
ESCF	0.22	177	P	49	54.35	0.1
			S	50	00.52	
ATE	0.23	201	P	49	54.15	-0.2
			S	50	00.46	
MADF	0.23	227	P	49	05.52	-48.9X
JAU	0.30	148	P	49	56.00	0.1
ISSF	0.31	209	P	49	55.86	-0.1
			S	50	03.64	
LHE	0.38	183	P	49	57.24	-0.1
EPF	0.73	111	Pg	50	03.20	-0.7
			Sg	50	15.20	
LGR	1.64	240	ePn	50	18.70	0.3
			iSn	50	42.00	
LPO	1.89	42	Pg	50	21.00	-1.1
			Sg	50	44.00	
LFF	1.90	30	Pg	50	20.60	-1.6
			Sg	50	43.70	
CAF	2.51	49	Pg	50	32.90	1.9
			Sg	51	03.90	
RJF	2.51	36	Pg	50	32.10	1.1
			Sg	51	02.70	
EBR	2.60	162	ePn	50	39.00	6.7X
			e	51	16.00	
LSF	3.32	26	Pg	50	45.60	3.1X
			Sn	51	12.20	
			Sg	51	27.00	
MFF	3.32	5	Pg	50	45.90	3.4X
			Sg	51	25.20	
TCF	3.59	33	Pg	50	52.10	5.7X
			Sg	51	36.30	
MZF	3.69	37	Pg	50	54.20	6.4X
			Sg	51	39.40	
BGF	4.07	36	Pn	50	46.40	-6.7X
			Pg	51	01.10	
			Sg	51	52.60	
	S.D. = 1.0		on 12 of 19 obs.			
%	FEB 23, 1985 20h 49m 52.33± 0.73s					
	46.326 N ±10.0km		2.766 E ± 6.9km			
	DEPTH = 10.0km (geophysicist)					
	FRANCE				(538)	
	ML 1.9 (LDG).					
MZF	0.17	229	Pg	49	56.90	0.7
			Sg	49	59.90	
BGF	0.24	14	Pg	49	58.40	1 0
			Sg	50	02.50	
TCF	0.39	265	Pg	50	00.20	-0.1
			Sg	50	05.30	
AVF	0.62	41	Pg	50	04.30	-0.4
			Sg	50	12.50	
SMF	0.81	66	Pg	50	07.80	-0.2
			Sg	50	18.20	
LSF	0.86	265	Pg	50	08.10	-0.8
			Sg	50	18.60	
SSF	0.89	34	Pg	50	09.20	-0.3
			Sg	50	21.30	
LBF	1.06	51	Pg	50	12.60	0.2
			Sg	50	26.90	
LOR	1.21	38	Pg	50	14.70	-0.1

			Sg	50	30.70	
	S.D. = 0.6		on 9 of 9 obs.			
	FEB 23, 1985 23h 10m 00.29± 1.77s					
	2.189 S ± 6.1km		119.748 E ± 8.2km			
	DEPTH = 49.4 ± 17.4 km					
	5.1mb (10 obs.)					
	SULAWESI				(268)	
KKM	8.91	337	ePc	12	10.00	0.7
	0.5s	24.00nm			5.5mb	
DAV	10.90	32	eP	12	41.50	5.0
PGP	15.63	4	eP	13	40.50	1 5
KNA	16.14	147	eP	13	44.00	-1 5
KGM	16.95	284	eP	13	56.00	0.4
BAG	18.50	3	eP	14	14.00	-1 0
IPM	19.88	290	ePd	14	30.00	-0 5
	1.0s	34.60nm			4.6mb	
			e	15	52.00	
NAU	20.65	191	iPd	14	37.80	-0 6
SNG	21.24	296	eP	14	44.00	-0.4
WRA	22.69	142	Pd	14	57.20	-1.6
	0.9s	17.80nm			4.5mb	
WB2	22.70	142	eP	14	58.20	-0.7
			e	13	11.70	
OIZ	23.23	336	eP	15	04.80	0.8
MEK	24.31	183	eP	15	14.00	-0.6
	0.6s	38.00nm			5.1mb	
WBN	24.70	165	eP	15	18.00	-0.3
NNT	24.71	307	eP	15	20.00	1.5
HKC	24.94	348	eP	15	25.00	4.4X
			eS	19	56.00	
ASPA	25.37	148	eP	15	25.00	0 3
GZH	25.89	346	eP	15	28.20	-1.2
LOE	26.36	318	eP	15	33.40	-0.4
KHT	26.89	309	eP	15	41.00	2.3
MRWA	27.12	187	eP	15	47.00	6.3X
BDT	28.14	314	eP	15	51.00	1.0
PMG	28.17	106	eP	15	50.00	-0.4
CHG	29.23	316	eP	16	02.00	2.1
GYA	31.16	337	P	16	17.80	0.8
CTA	31.41	126	iPc	16	21.00	1.8
	1.0s	16.50nm			4.8mb	
KMI	31.77	330	Pc+	16	22.50	0.0
			eS	20	54.00	
WHN	32.95	351	P	16	35.00	2.6
NJ2	34.06	359	eP	16	40.00	-2.0
			S	22	06.00	
STk	36.00	147	eP	16	58.00	-0 6
CD2	36.27	336	P	16	59 20	-1.7
XAN	37.45	345	eP	17	09.10	-1.7
TIA	38.28	357	eP	17	18.80	1.1
TIY	40.27	351	P	17	35.20	0 9
LZH	40.87	340	eP	17	40.00	0.6
	2.5s	162.00nm			5.3mb	
YOU	41.62	143	eP	17	46.10	0.7
			i	17	52.40	
LSA	41.87	321	P	17	50.30	2.3
BJI	42.15	356	eP	17	49.00	-0.5
CAN	42.71	144	eP	17	55.80	1.5
WAM	43.25	145	eP	18	00.40	1.8
BTO	43.50	349	eP	18	01.00	0.3
SNY	43.95	4	eP	18	03.20	-0.9
			S	24	39.00	
PKI	44.36	314	eP	18	06.90	-1.2
	0.9s	34.00nm			5.1mb	
KKN	44.58	314	eP	18	08.50	-1.3
DMN	44.60	314	eP	18	09.30	-0.7
	1.0s	80.00nm			5.5mb	
GBA	44.80	292	Pc	18	08.60	-2.8
	0.7s	19.30nm			5.0mb	
HYB	45.04	297	eP	18	12.00	-1 4
	1.0s	45.00nm			5.3mb	
GTA	45.27	338	P	18	15.40	0.4
CN2	46.07	6	eP	18	20.00	-1.0
MDJ	47.42	10	eP	18	30.00	-1.8
NOU	49.54	118	iPc	18	49.50	1.0
POO	49.62	297	eP	18	49.50	0.3
			eS	25	57.00	
WMQ	54.06	332	iPc	19	23 50	1.3
			eS	27	01.50	
QUE	59.72	307	eP	20	01.60	-1.2
KRP	62.13	132	eP	20	22.00	3.3X
MHI	67.78	311	eP	20	54.00	-1.5
SHI	71.45	302	eP	21	17.00	-1 2
TAB	78.36	309	eP	21	57.00	-0 5
SPA	87.83	180	e(P)	22	50.50	5.0X

23d 23h

BUL	90.32	250	eP	23	01.00	2.9
INK	98.18	21	eP	23	31.00	-1.9
ALQ	126.14	47	ePkP	29	01.00	1.3
	1.1s		5.38nm			
TCA	146.40	173	ePKPc	29	38.10	1.3
VAO	151.81	207	ePKP	29	56.80	11.4X
ITR	155.67	243	ePKP	29	53.30	2.4X
	S.D. = 1.4		on 58 of 65 obs.			

• FEB 24, 1985 01h 26m 57.50± 0.40s
2.254 S ± 7.5km 119.925 E ±12.7km
DEPTH = 33.0km (normal)
4.6mb (4 obs.)
SULAWESI (268)

KKM	9.04	336	ePc	29	18.70	9.9X
DAV	10.86	31	eP	29	54.00	20.2X
PPR	12.01	354	ePd	30	09.00	19.6X
MTN	15.29	134	eP	30	30.00	-2.7
PGP	15.69	4	eP	30	42.00	4.2X
KNA	15.99	148	eP	31	05.00	23.3X
BAG	18.56	2	eP	31	15.00	1.0
MBL	18 79	180	eP	31	24.00	7.3X
IPM	20.07	290	ePd	31	32.90	1.8
NAU	20.62	192	eP	31	36.00	-0.8
WRA	22.53	142	P	31	56.00	0.0
	0.9s		7.20nm		4.1mb	
MEK	24.26	183	eP	32	13.00	0.2
WBN	24 59	166	eP	32	17.00	0.9
ASPA	25 22	149	eP	32	23.00	0.9
GZH	25 99	346	P	32	29.00	-0.2
ISG	26.52	135	eP	32	35.00	0.9
MRWA	27.07	188	eP	32	42.00	2.9X
CTA	31.23	126	eP	33	23.00	6.5X
KMI	31.91	330	Pd	33	24.00	1.4
NJ2	34.13	358	eP	33	42.00	0.5
STK	35.85	148	eP	33	56.00	-0.2
CD2	36.40	336	eP	33	58.20	-2.7
TIA	38.36	356	eP	34	17.40	0.2
LZH	40.99	340	eP	34	39.00	-0.3
YOU	41.46	143	eP	34	44.00	1.0
			i	34	50.00	
BJI	42.23	356	eP	34	49.50	0.4
CAN	42.55	144	eP	34	59.50	7.5X
WAM	43.10	145	eP	35	03.90	7.6X
			e	35	14.00	
BTO	43.60	349	eP	35	02.60	2.1
SNY	44.00	4	eP	35	02.00	-1.5
PKI	44.53	314	eP	35	06.80	-1.7
	0.7s		13.00nm		4.9mb	
KKN	44.75	314	eP	35	08.70	-1 4
	0.8s		27.00nm		5.2mb	
GBA	44.98	292	Pd	35	06.40	-5.5X
	0.7s		3.60nm		4 4mb	
HYB	45.23	297	eP	35	11.00	-2.9X
GTA	45.39	338	P	35	15.00	0 0
POO	49.81	297	eP	36	05 10	15 4X
WMQ	54 21	332	eP	36	22.10	-0.2
QUE	59.90	307	eP	37	02.00	-1.1
MHI	67.96	311	eP	37	56.00	0 3
SLR	90.51	244	eP	40	02.10	4.0X
ALQ	126.06	47	ePKP	46	00.00	1 1
TCA	146.32	173	ePKPd	46	36.30	0.3
	S.D. = 1.3		on 28 of 42 obs			

• FEB 24, 1985 01h 46m 13.33± 2.23s
8.045 S ±10.4km 119.762 E ±12 3km
DEPTH = 183.1 ± 25.1 km
4.4mb (5 obs.)
FLORES ISLAND REGION (286)

KNA	11.67	132	eP	48	55.00	-0.5
MTN	12 15	114	eP	49	02.00	0.3
	0.6s		35.00nm		5.0mb	
MBL	13.04	180	eP	49	12.00	-1.0
NAU	14.99	195	eP	49	39.00	1.6
WRA	18.42	131	Pc	50	09.90	-7.6X
	0.3s		0.60nm		3.5mb	
WB2	18.43	131	eP	50	16.50	-1.1
			eS	53	33.70	
MEK	18.50	183	iPc	50	17.30	-1.0
ASPA	20.62	140	eP	50	42.00	2 1
MRWA	21.36	189	eP	50	47.00	-0.1
BAL	22.63	187	iPd	50	59.80	0 4
KLG	22 68	176	eP	51	00.00	0 1
	0.3s		4.00nm		4.4mb	
KLB	23.50	184	iPd	51	07.90	0.0
MUN	24.04	187	eP	51	13.00	0.0
NWAO	24.87	185	eP	51	20.00	-0.7
PKI	48.57	318	eP	54	40.40	-0.1
	0.5s		6.00nm		4.4mb	
KKN	48.80	318	eP	54	42.20	0.0
	0.8s		9.00nm		4.4mb	
	S.D. = 1.0		on 15 of 16 obs.			

• FEB 24, 1985 01h 50m 43.48± 1.46s
37.723 N ±12.7km 22.546 E ± 7.1km
DEPTH = 33.0km (normal)
SOUTHERN GREECE (368)
ML 3.4 (ATH).

ATH	0.96	75	ePb	51	02.00	1.4
			eSb	51	16.50	
VLS	1.61	287	ePn	51	09.50	-0.5
			eSn	51	31.00	
PAIG	2.37	22	ePn	51	21.20	0.3
			eSn	51	52.30	
LIT	2.37	359	ePn	51	20.50	-0.5
			eSn	51	49.70	
KZN	2.65	347	ePn	51	26.00	1.1
THE	2.92	6	ePn	51	28.20	-0.4
			eSn	52	05.20	
SOH	3.16	11	ePn	51	32.40	0.4
			eSn	52	13.10	
GRG	3.23	358	ePn	51	32.90	-0.2
			eSn	52	13.30	
PRK	3.30	61	ePn	51	33.00	-1.0
KNT	3.44	4	ePn	51	36.10	0.0
			eSn	52	19.00	
VAY	3.59	0	iPn	51	39.00	0.8
OHR	3.64	339	ePn	51	38.50	-0.5
MMB	3.97	13	iPc	51	43.00	-0.5
SKO	4.33	349	ePn	51	49.50	0.9
KDZ	4.47	28	iPc	51	49.00	-1.7
VTS	4.90	6	iP	51	57.00	0.4
	S.D. = 0.9		on 16 of 16 obs.			

FEB 24, 1985 02h 07m 31.75± 0.21s
32.141 S ± 5.4km 110.789 W ± 4.6km
DEPTH = 10.0km (geophysicist)
5.2mb (26 obs.) 5.2Msz (7 obs.)
EASTER ISLAND CORDILLERA (684)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 13S, 21C
Centroid Location:
Origin Time 02:07:42.7 0.7
Lat 32.20S 0.06 Lon 111.25W 0.09
Dep 10.0 FIX Half-duration 2.2
Moment Tensor; Scale 10**24 D-CM
Mrr= 1.63 0.13 Mtt=-2.04 0.09
Mff= 0.41 0.15 Mrt=-0.02 0.54
Mrf= 0.11 0.31 Mtf= 0.94 0.15
Principal Axes:

	Val=	Plg=	Azm=
T	1.64	84	282
N	0.72	6	109
P	-2.36	1	19

Best Double Couple:Mo=2.0*10**24
NP1:Strike=103 Dip=45 Slip= 81
NP2: 295 46 99

ROCH	33.40	102	iP	14	13.50	0.6
PCH	33.71	104	iP	14	13.50	-1.9
MDZ	35.21	103	e(P)	14	30.30	2.1
VAH	37.47	288	iP	14	47.80	0.5
	0.8s		35.00nm		5.2mb	
TPT	37.60	288	iP	14	49.00	0.6
	0.8s		45.00nm		5.3mb	
PPN	37.75	283	iP	14	50.70	1.1
	0.8s		40.00nm		5.2mb	
PAE	37.80	283	eP	14	51.00	0.9
	0.8s		30.00nm		5.1mb	
PPT	37.85	283	iP	14	51.60	1.1
	0.8s		60.00nm		5.4mb	
AFR	38.03	283	iP	14	52.90	0.9
	0.9s		35.00nm		5.1mb	
TPZ	38.81	85	P	15	17.00	17.9X
ARE	38.83	76	eP	15	00.00	0.9
TCA	39.06	101	ePc	15	01.00	0.3
VBA	40.00	112	ePc	15	08.30	-0.1
SLA	40.28	91	eP	15	12 00	1.1
CNCB	41.56	79	P	15	24 30	2 4
LPB	41.60	78	Pc	15	24.10	2.0
	1.0s		24.00nm		4.9mb	
			S	21	48.00	
			LR	27	28.00	
PSO	45.84	50	eP	15	57.50	1.1
BOG	50.55	51	eP	16	36.00	3.0X
			eS	23	55.00	
UPA	50.63	42	e(P)	16	30.00	-3.1X
	1.3s		50.00nm		5.3mb	
			e	23	56.00	
UAV	55.44	50	eP	17	09.60	0.4
SDV	55.98	50	eP	17	12.40	-0.7
SPA	58.03	180	e(P)	17	27.00	-0.1
BAO	58.97	90	Pd	17	34.50	0.3
CAR	59.63	52	IP	17	37.50	-1.1
	1.0s		64.00nm		5.7mb	
LTX	61.51	7	P	17	51.20	0.0
MSZ	62.45	233	eP	17	58.00	0.8
JCT	63.14	11	iP	18	02.10	0.1
	1.0s		30.00nm		5.4mb	
	Z 20s		3.01um		5.5Msz	
BAR	64.71	355	eP	18	11.00	-1.2
GLA	64.96	356	eP	18	14.00	0.2
PLM	65.39	354	eP	18	16.00	-0.8
RVR	66.07	354	eP	18	20.00	-0.9
TPC	66.08	355	eP	18	21.00	0.0
MWC	66.37	353	eP	18	22.00	-1.0
SBB	66.80	354	eP	18	25.00	-0.6
ALQ	66.85	4	eP	18	25.60	-0.5
	1.0s		8.25nm		4.9mb	
	Z 20s		1.06um		5.1Msz	
GSC	67.32	355	eP	18	27.00	-1.9
ISA	67.83	353	eP	18	31.00	-1.1
CLC	67.90	354	eP	18	31.00	-1.5
VPEM	68.05	354	P	18	34.00	0.4
SOB1	68.16	87	eP	18	34.80	0.2
CWC	68.56	354	eP	18	37.00	0.2
TUL	69.14	13	eP	18	39.50	-0.6
	0.8s		40.00nm		5.7mb	
FRI	69.28	352	eP	18	40.40	-0.5
			e	25	20.50	
RLO	69.54	14	eP	18	42.50	-0.1
OLY	69.69	17	P	18	43.00	-0.5
MHC	69.86	351	eP	18	45.50	0.8
JAS1	70.28	352	eP	18	46.90	-0.2
MSU	70.30	359	P	18	47.30	-0.2
BKS	70.47	350	iPc	18	49.00	0.8
	Z 20s		4.40um		5.7Msz	
	N 20s		5.00um			
	E 20s		1.10um			
			e	28	53.00	
			e(SS)	32	45.00	
			eLQ	37	50.00	
			eLR	41	08.00	
ITR	70.48	88	eP	18	48.00	-0.9
MNA	70.55	354	eP	18	49.60	0.7
			e	25	22.20	
PRM	71.10	25	eP	18	53.00	0.9
NWRM	71.13	350	P	18	34.00	-18.2X
EUR	71.42	356	iP	18	54.20	-0.1
	0.5s		15.96nm		5.4mb	
WCN	71.58	353	P	18	55.70	0.6
GOL	71.65	4	P	18	55.50	-0.2
	0.9s		6.06nm		4.7mb	
	Z 20s		0.85um		5.0Msz	
GLD	71.71	5	eP	18	56.50	0.6
	Z 20s		1.00um		5.1Msz	
DUG	72.00	358	P	18	57.70	0.2
	1.0s		10.00nm		4.9mb	
LHS	72.02	26	P	18	57.80	0.2
ORV	72.02	351	eP	18	57.60	0.1
DAU	72.19	360	P	18	59.00	0.1
FVM	72.30	17	eP	19	00.00	0.7
BMN	72.45	355	iP	19	01.00	0.7
WDC	73.17	351	eP	19	04.20	-0.1
			e	25	10.80	
BDW	74.56	1	eP	19	11.60	-1.0
	1.0s		11.60nm		4.9mb	
NAV	74.56	24	P	19	12.50	0.0
BLA	74.60	25	ePc	19	13.00	0.3
	0.7s		31.51nm		5.5mb	
IMW	75.67	360	P	19	18.80	-0.2
CVL	75.99	26	P	19	21.00	0.4
RSSD	76.14	5	eP	19	21.40	-0.2
	1.0s		10.00nm		4.9mb	
NA2	76.39	26	P	19	23.30	0.5
LRM	77.61	359	eP	19	29.70	0.0
WVLY	79.93	24	P	19	43.10	0.9
NEW	80.24	356	eP	19	44.00	0.3

PNT 81.47 354 eP 19 51.00 0.8
1.0s 14.00nm 5.0mb
SES 82.17 360 ePc 19 54.50 0.7
BFD 82.86 230 eP 19 57.00 -0.9
RSNY 83.17 25 iP 20 01.30 2.2
1.0s 48.00nm 5.6mb
OTT 83.48 24 eP 20 03.00 2.4
RSON 84.01 11 eP 20 03.30 0.1
0.9s 11.76nm 5.1mb
Z 22s 0.42um 4.8Msz
MNT 84.31 25 eP 20 05.00 0.2
EDM 85.03 358 iPc 20 08.10 -0.2
FFC 86.84 5 ePc 20 17.30 0.1
1.3s 34.00nm 5.4mb
CTA 89.89 246 iP 20 33.20 0.6
1.9s 105.26nm 5.7mb
YKC 94.33 358 eP 20 52.00 0.1
0.9s 9.00nm 5.2mb
YKA 94.35 358 eP 20 52.50 0.5
SCH 94.51 24 eP 20 53.00 0.0
PMR 98.44 343 P 21 10.50 -0.1
1.0s 13.50nm 5.6mb
WRA 98.98 240 P 21 19.00 4.7X
0.3s 0.30nm 4.4mb
COL 100.95 345 ePdiff 21 22.00 0.0
BNG 125.23 109 iPKPd 26 34.20 -0.7
0.8s 14.00nm
EPF 125.75 57 iPKPc 26 34.40 -0.8
1.0s 10.80nm
LPF 125.79 51 ePKP 26 33.80 -1.2
1.1s 9.00nm
GRR 125.97 51 ePKP 26 34.30 -1.0
1.0s 11.50nm
MFF 126.13 53 ePKP 26 34.50 -1.2
FLN 126.28 50 ePKP 26 34.90 -1.0
LDF 126.49 51 ePKP 26 35.40 -0.9
LSF 127.21 54 ePKP 26 36.60 -1.2
CAF 127.35 55 iPKPc 26 37.10 -1.0
1.2s 8.90nm
TCF 127.68 54 ePKP 26 37.60 -1.1
AVF 128.54 53 ePKP 26 38.80 -1.5
1.2s 6.10nm
SSF 128.68 53 ePKP 26 39.30 -1.2
SMF 128.85 54 ePKP 26 39.60 -1.3
1.0s 8.00nm
LBF 128.99 53 ePKP 26 40.20 -1.0
1.0s 2.50nm
DOU 129.73 49 PKP 26 42.60 0.2
CVF 131.83 59 ePKP 26 46.30 -0.4
0.9s 11.10nm
GRF 134.00 50 iPKPc 26 50.50 -0.1
Z 20s 2.20um 5.9Msz
e 26 54.10
CTI 134.17 55 e(PKP) 26 50.80 -0.4
MOX 134.24 49 ePKP 26 52.00 1.0
2.0s 59.00nm
CLL 135.10 48 ePKP 26 52.00 -0.6
KBA 135.38 54 ePKP 26 52.00 -1.5
1.2s 9.40nm
i 27 06.40
e 45 02.00
e 45 22.00
KHC 135.54 51 PKPc 26 53.00 -0.6
e 27 03.00
e 27 26.00
BRG 135.71 48 ePKP 26 52.60 -1.2
1.0s 12.00nm
PRU 136.14 49 PKP 26 54.50 -0.1
KSP 137.20 48 ePKP 26 57.00 0.4
SUF 139.07 29 ePKP 26 59.00 -0.6
NUR 139.39 32 ePKP 26 51.00 -9.3X
SPC 139 90 50 ePKP 27 02.40 0.5
MLR 144.18 55 ePKP 27 07.00 -2.4X
e 40 11.50
VRI 144.67 55 ePKP 27 07.50 -2.5X
e 40 10.00
HHC 145.14 297 ePKP 27 10.80 -0.3
BTO 146.32 296 PKP 27 13.00 -0.1
XAN 146.82 284 PKPc 27 14.70 0.7
GYA 146.97 270 PKP 27 16.40 1.8
LOE 147.18 251 ePKP 27 16.50 1.5
e 32 29.00
e 46 26.00
BDT 149.26 248 ePKP 27 21.80 3.5X
1.0s 34.50nm
CSS 150.06 75 ePKP 27 24.00 4.9X
CD2 150.60 277 ePKP 27 25.00 5.0X

NOH 150.80 84 ePKP 27 21 50 1.2
LZH 151.15 287 iPKPc 27 26.00 5.1X
2.5s 203.00nm
JER 151.21 82 ePKP 27 19.50 -1.4
GTA 154.22 295 PKP 27 24.60 -0.5
MHI 170.95 60 ePKP 27 42.00 0.9
e 32 52.00
S.D. = 0.9 on 121 of 133 obs.

FEB 24, 1985 02h 26m 57.77± 0.19s
2.072 S ± 3.7km 119.785 E ± 5.0km
DEPTH = 61.1km (6 depth phases)
5.5mb (24 obs.)
SULAWESI (268)
CENTROID, MOMENT TENSOR (HRV)
Dota Used: GDSN
L.P.B.: 12S, 18C
Centroid Locotion:
Origin Time 02:26:52.9 0.7
Lat 2.43S 0.08 Lon 119.42E 0.07
Dep 40.5 5.4 Half-durotion 3.6
Moment Tensor; Scole 10**25 D-CM
Mrr= 0.31 0.04 Mtt= 0.70 0.05
Mff=-1.01 0.06 Mrt= 0.31 0.06
Mrf=-0.27 0.06 Mtf=-0.07 0.05
Principol Axes:
T Vol= 0.89 Plg=30 Azm= 7
N 0.17 57 163
P -1.06 11 270
Best Double Couple:Mo=1.0*10**25
NP1:Strike= 44 Dip=61 Slip= 165
NP2: 142 77 30

KKM 8.81 336 ePc 29 04.50 -0.7
0.7s 86.30nm 5.8mb X
e 30 53.70
DAV 10.78 32 eP 29 30.00 -1.9
eS 31 45.00
PPR 11.82 355 ePd 29 44.00 -1.8
1.0s 52.20nm 5.5mb
LEM 13.01 248 ePd 30 02.00 0.1
eS 33 42.00
PGP 15.52 4 ePc 30 36.00 1.7
iS 30 46.00
MTN 15.52 134 eP 30 32.00 -2.3
KNA 16.22 147 eP 30 40.00 -3.2X
OCP 16.65 4 eP 30 57.00 8.4X
MAN 16.67 4 ePd 30 51.50 2.6
1.0s 332.70nm 5.5mb
KGM 16.96 284 ePc 30 51.50 -1.0
e 31 27.70
BAG 18.38 2 eP 31 08.00 -2.3
2.4s 2B00.00nm 6.0mb X
eS 34 37.00
MBL 18.97 180 eP 31 15.00 -2.2
IPM 19.87 289 ePc 31 25.90 -1.0
1.3s 186.90nm 5.2mb
e 32 21.00
e 32 55.80
NAU 20.77 191 iPc 31 34.80 -1.3
0.6s 67.00nm 5.1mb
SNG 21.22 296 eP 31 39.00 -1.6
eS 35 40.00
WRA 22.76 142 Pd 31 53.60 -2.3
1.1s 261.50nm 5.6mb
WB2 22.76 142 iPc 31 54.20 -1.8
OIZ 23.13 335 eP 31 59.20 -0.3
pP 32 13.00 58km
PP 32 34.00
MEK 24.43 183 eP 32 11.00 -1.1
0.7s 111.00nm 5.5mb
NNT 24.67 307 eP 32 14.80 0.4
e 46 11.80
WBN 24.81 165 iPd 32 15.10 -0.6
HKC 24.84 348 eP 32 17.00 1.1
epP 32 28.00 42kmX
eS 36 46.00
ASPA 25.45 149 eP 32 21.00 -0.8
GZH 25.78 346 Pd 32 25.50 0.7
S 36 54.00
NST 26.24 313 eP 32 30.20 1.2
ISQ 26.74 135 eP 32 32.00 -1.7
KHT 26.85 309 eP 32 36.00 1.4
QZH 26.88 358 eP 32 35.00 0.2
sP 32 53.50
S 37 13.00
ANP 27.14 3 eP 32 44.00 6.7X

MRWA 27.24 187 eP 32 37.00 -1.1
0.7s 19.00nm 4.8mb
BDT 28.08 314 eP 32 46.00 0.2
PMG 28.17 106 eP 32 46.00 -0.7
1.0s 240.00nm 5.8mb
GUA 29.35 57 e(P) 33 04.00 6.7X
Z 20s 6.10um 5.2Msz
KLB 29.42 184 eP 32 59.00 1.2
MUN 29.94 186 eP 33 02.00 -0.3
NWAO 30.79 184 eP 33 09.00 -0.8
GYA 31.07 337 P 33 13.00 0.5
PP 34 23.00
S 38 20.00
CTA 31.45 127 iPd 33 15.30 -0.5
1.1s 69.62nm 5.3mb
Z 18s 12.80um 5.6Msz
eS 38 39.00
KMI 31.68 330 Pc+ 33 18.00 0.0
4.0s 1.00nm 3.0mb X
N 18s 9.80um
sP 33 39.00
S 38 33.00
RKG 31.94 184 eP 33 24.00 4.1X
WHN 32.84 351 eP 33 29.00 1.2
pP 33 44.00 61km
PP 34 45.00
iS 38 49.00
SSE 33.01 2 P+ 33 29.00 -0.2
Z 22s 9.60um 5.5Msz
N 22s 8.70um
pP 33 45.00 65km
eS 38 14.00
esS 38 46.00
i 39 16.00
NJ2 33.95 359 Pc 33 37.00 -0.3
PPP 35 08.00
iS 39 03.00
sS 39 23.00
BGA 35.53 98 eP 33 55.00 3.7X
PAA 35.85 98 eP 33 55.00 1.1
STK 36.08 148 eP 33 55.00 -0.5
0.4s 23.00nm 5.5mb
CD2 36.18 336 iPc 33 55.80 -0.6
eS 39 37.00
ADE 37.17 154 iPc 34 04.70 0.0
0.9s 40.34nm 5.4mb
TIA 38.17 357 Pd 34 12.90 -0.1
pP 34 28.00 59km
S 40 08.50
CMS 38.21 143 eP 34 14.00 0.5
SHL 38.53 317 iP 34 15.60 -0.8
iS 40 11.20
TIY 40.17 351 Pc 34 29.50 -0.2
S 40 31.00
BFD 40.74 152 eP 34 35.00 0.7
LZH 40.77 340 eP 34 35.00 0.2
2.5s 292.00nm 5.6mb
N 12s 2.20um
E 14s 5.10um
ePP 36 02.00
eS 40 07.00
sS 44 40.00
DL2 40.81 2 P 34 34.00 -0.8
S 40 45.00
COO 41.56 136 eP 34 42.00 0.8
YOU 41.69 143 eP 34 42.80 0.6
LSA 41.80 321 P 34 44.30 0.6
iS 41 03.30
BJI 42.04 356 ePc 34 45.00 0.1
esP 35 02.00
eS 40 49.00
esS 41 08.00
MAT 42.07 22 eP 34 43.00 -2.3
1.1s 30.38nm 5.0mb
Z 20s 6.56um 5.5Msz
eS 41 04.00
TOO 42.50 149 eP 34 51.00 2.2
CAN 42.78 144 iPd 34 52.00 0.9
ePP 36 35.70
WAM 43.32 145 eP 34 56.50 1.0
epP 35 12.30 62km
ePP 36 41.20
HHC 43.37 351 eP 34 56.80 0.9
BTO 43.39 349 P 34 55.00 -1.1
S 41 24.00
SNY 43.83 4 eP 34 57.40 -2.0
ScS 44 51.00

24d 02h

KOD	43.86	287	eP	35	00.00	-0.5	EDM	112.91	31	ePKP	45	33.00	3.6X	KMI	31.77	330	Pc	47	16.00	0.5
			eS	41	31.00		BMN	116.01	45	e(PKP)	45	41.00	5.0X	RKG	31.83	184	eP	47	22.00	6.3X
PKI	44.30	314	iPc	35	03.80	-0.1	ISA	116.68	51	ePKP	45	37.00	-0.3	WHN	32.95	351	eP	47	26.50	1.1
	0.8s	190.00nm			5.9mb		CWC	116.74	50	ePKP	45	21.00	-16.6X	SSE	33.12	2	eP	47	26.70	-0.1
KKN	44.52	314	iPc	35	05.60	0.0	TOL	116.81	314	ePKP	45	38.00	0.6	NJ2	34.05	359	eP	47	35.00	0.0
DMN	44.54	314	iPc	35	05.90	0.1				e(S)	55	10.00		STK	36.00	147	eP	47	52.00	0.4
GBA	44.79	292	Pc	35	05.60	-1.9				e	04	20.00			0.5s	19.00nm			5.3mb	
	0.8s	198.90nm			6.0mb		EUR	117.26	46	iPKP	45	39.20	0.7	CD2	36.27	336	eP	47	53.40	-0.5
HYB	45.02	297	eP	35	09.00	-0.5		0.1s	10.77nm					ADE	37.08	154	iPc	48	01.80	1.1
	1.0s	250.00nm			6.0mb		CLC	117.31	50	ePKP	45	39.00	0.5	XAN	37.45	345	Pd	48	04.20	0.4
		i		35	09.80	3kmX	MWC	117.44	52	ePKP	45	39.00	0.0	CMS	38.14	143	eP	48	10.00	0.4
GTA	45.17	338	Pc	35	11.30	0.8	SBB	117.48	52	ePKP	45	40.00	1.1	TIA	38.27	357	eP	48	09.70	-0.9
			pP	35	27.00	61km	RVR	118.05	52	ePKP	45	40.00	0.1	SHL	38.59	317	iP	48	13.90	0.2
			S	41	53.00		GSC	118.08	51	ePKP	45	40.00	0.0	TIY	40.27	351	eP	48	27.80	0.5
CN2	45.95	6	eP	35	14.00	-2.3	FRB	118.16	4	ePKP	45	39.00	-0.1	BFD	40.66	152	eP	48	31.00	0.7
KOU	47.12	116	iPc	35	26.50	0.6	PLM	118.66	53	ePKP	45	45.00	3.7X	LZH	40.87	340	eP	48	33.50	1.2
MDJ	47.30	10	eP	35	25.00	-2.0	TPC	119.06	52	ePKP	45	42.00	0.1		2.0s	90.00nm			5.2mb	
			S	42	21.00		DUG	119.21	44	PKP	45	43.20	1.1	LSA	41.87	321	P	48	42.30	1.3
TAU	47.51	153	eP	35	21.00	-7.7X		0.8s	7.46nm					BJI	42.14	356	eP	48	42.00	-0.5
NOU	49.56	118	iPc	35	46.00	1.1	DAU	120.20	43	PKP	45	44.80	0.6	TOO	42.42	149	eP	48	46.00	1.1
POO	49.60	296	iPc	35	44.00	-1.3	BDW	120.24	40	ePKP	45	44.00	-0.1	BTO	43.50	349	eP	48	54.30	0.6
			iS	42	52.00		MSU	120.36	46	PKP	45	45.80	1.3	KOD	43.87	287	eP	48	56.80	-0.5
PVC	50.09	111	iPc	35	51.00	2.1	RSSD	122.97	36	ePKP	45	48.30	-0.9	SNY	43.94	4	eP	48	55.30	-1.7
BOM	50.65	296	eP	35	52.00	-1.2	RSON	123.78	25	ePKP	45	48.40	-1.9	PKI	44.36	314	iP	49	01.30	0.1
			eS	43	05.00			Z 20s		0.45um			5.1Msz	KKN	44.58	314	iP	49	03.20	0.4
NDI	50.98	310	iPc	35	53.50	-2.1	GOL	124.51	42	ePKP	45	53.00	0.6	DMN	44.60	314	iP	49	08.50	5.5X
			eS	43	10.00			Z 22s		1.18um			5.5Msz	GBA	44.81	292	Pc	49	04.40	-0.1
WMO	53.98	332	P	36	19.00	1.2	KIC	124.54	276	ePKP	45	53.30	0.5		0.9s	41.10nm			5.2mb	
			S	43	57.00					e	45	58.50		HYB	45.05	297	eP	49	05.50	-1.0
KSH	57.61	321	iPd	36	47.00	2.9	ALQ	126.04	47	ePKP	45	56.00	0.5		1.0s	95.00nm			5.6mb	
			pP	36	58.00	37kmX		Z 20s		1.06um			5.5Msz	GTA	45.27	338	P	49	08.70	0.7
			PcP	37	40.00		LTX	130.62	52	ePKP	46	05.50	1.3	CN2	46.06	6	eP	49	12.00	-1.9
			iS	44	48.00		JCT	133.08	49	ePKP	46	10.00	1.2	KOU	47.09	116	iPc	49	23.30	0.9
YSA	58.62	108	eP	36	59.20	8.0X		Z 20s		1.13um			5.6Msz	MDJ	47.41	10	eP	49	25.00	0.4
QUE	59.68	307	iPd	36	58.50	-0.2				e	49	38.00		NOU	49.53	118	iPc	49	42.50	1.1
			eS	45	08.00		PRM	142.02	31	ePKP	46	23.00	-2.2	POO	49.63	297	eP	49	41.10	-1.2
MSZ	59.93	142	P	36	59.00	-0.9	MDZ	144.29	168	i(PKP)	46	29.30	0.1	BOM	50.68	297	eP	49	49.50	-0.7
KRP	62.18	132	P	37	17.00	1.8	TCA	146.52	173	ePKP	46	36.30	3.3X	NDI	51.04	310	iPd	49	50.80	-2.0
TCW	62.52	136	eP	37	16.80	-0.6	VAO	151.93	207	ePKP	46	50.60	9.0X	WMO	54.06	332	Pc	50	15.60	0.4
KHI	67.67	308	iPd	37	51.80	0.8	TPZ	155.17	161	ePKP	46	56.00	9.6X	QUE	59.73	307	eP	50	54.00	-1.8
MHI	67.73	311	eP	37	51.00	-0.3	ITR	155.76	243	ePKP	46	49.20	2.2	MSZ	59.86	142	eP	50	56.00	-0.1
	1.0s	108.00nm			5.8mb		SOB1	157.72	240	ePKP	46	51.20	1.7	KRP	62.12	132	P	51	13.00	1.4
		eSn		46	50.00		BAO	158.65	214	e(PKP)	46	56.00	5.4X	TCW	62.45	136	P	51	13.00	-0.8
AFI	68 58	104	P	38	00.00	3.1X	CNCB	159.73	158	ePKP	46	56.00	3.7X	MNG	63.07	135	P	51	16.80	-1.1
SHI	71.42	302	eP	38	10.00	-4.1X	LPB	159.94	157	ePKP	46	56.00	3.6X	MHI	67.79	311	iPd	51	48.20	-0.3
TAB	78.31	309	eP	38	54.00	0.6	PSO	162.87	93	ePKP	47	03.00	7.6X	SHI	71.46	302	eP	52	10.00	-1.1
BHD	78.96	304	eP	38	57.00	0.2	UAV	167.33	59	ePKP	47	04.00	5.0X	TAB	78.37	309	eP	52	51.00	0.5
MSL	80.49	307	ePc	39	05.00	0.1	SDV	167.62	56	ePKP	47	02.10	2.9	SPA	87.83	180	eP	53	40.00	1.6
RTB	82.32	304	eP	39	16.00	1.5		S.D. = 1.3		on 132 of 158 obs.					0.7s	5.47nm			4.9mb	
NAI	82.94	269	eP	39	19.00	0.5								EVA	89.65	244	e(P)	53	49.00	1.1
	2.0s	94.12nm			5.4mb			FEB 24, 1985 02h 40m 53.97± 1.08s						SLR	90.40	244	eP	53	51.00	-0.3
TET	85.79	254	eP	39	34.00	1.7		2 180 S ± 3.7km 119.765 E ± 5.4km							1.2s	23.44nm			5.4mb	
			e	53	30.00			DEPTH = 55.9 ± 10.5 km						VIR	91.55	242	eP	53	57.00	0.5
JER	86.48	302	eP	39	35.50	-0.1		5.2mb (13 obs.)						INK	98.17	21	eP	54	25.00	-0.7
RMN	86.87	301	eP	39	39.00	1.5		SULAWESI					(268)	FFC	117.60	26	ePdiff	56	05.00	12.3X
DOR	86.89	302	eP	39	39.00	1.4									0.7s	4.00nm				
SPA	87.94	180	e(P)	39	42.70	0.6	KKM	8.91	337	ePc	43	04.10	1.3	KIC	124.53	276	ePKP	59	50.20	0.5
EVA	89.72	244	e(P)	39	52.00	0.6	PPR	11.92	355	eP	43	45.20	1.5	JCT	133.16	49	ePKP	00	06.00	0.2
BRW	89.85	19	eP	39	53.00	2.2	MTN	15.46	134	eP	44	29.00	-1.0				e	03	35.00	
BUL	90 40	250	iPd	39	54.00	-0.5	PGP	15.62	4	ePc	44	38.00	5.8X	TCA	146.41	173	ePKPc	00	32.10	2.4X
			ipP	40	02.00	25kmX		0.8s	93.40nm				5.0mb	VAO	151.83	207	e(PKP)	00	47.00	8.7X
SLR	90.47	244	eP	39	54.20	-0.6	KNA	16.14	147	eP	44	37.00	-1.7	SLA	152.77	170	ePKPc	00	49.00	9.3X
	1.0s	48.00nm			5.8mb		KGM	16.96	284	ePc	44	48.50	-0.6	ITR	155.69	243	ePKP	00	53.90	10.1X
IMA	90.47	24	eP	39	55.00	1.1	BAG	18.49	2	eP	45	08.00	-0.1				e	01	06.30	
VIR	91.62	242	e(P)	40	00.20	0.2	MBL	18.86	180	eP	45	12.00	-0.5		S.D. = 1.0		on 67 of 78 obs			
	0.9s	25.21nm			5.6mb		IPM	19.89	290	ePd	45	23.20	-0.5							
		i		40	00.90	2kmX		1.0s	60.30nm				4.9mb	*	FEB 24, 1985 03h 12m 43.79± 1.17s					
BLF	92.15	241	eP	40	10.50	8.0X				e	45	57.20			33.124 S ± 8.8km 69.689 W ±19.3km					
	0.5s	6.49nm			5.3mb		NAU	20.66	191	iPd	45	32.20	0.6		DEPTH = 33.0km (normal)					
KJF	92.76	334	iP	40	03.00	-1.3		0.7s	82.00nm				5.2mb		5.0mb (1 obs.)					
	0.6s	16.50nm			5.6mb		WRA	22.68	142	Pd	45	50.40	-1.5		CHILE-ARGENTINA BORDER REGION					(127)
		ePS		52	32.00			1.0s	89.30nm				5.2mb							
		eSS		57	24.00		WB2	22.69	142	iPc	45	56.70	4.8X	MDZ	0.74	71	iP	12	57.10	-0.6
SOD	93.12	337	iP	40	02.60	-3.3X	MEK	24.32	183	iPd	46	08.30	0.6				iS	13	09.60	
SUF	93.50	333	iP	40	06.50	-1.2		0.6s	58.00nm				5.3mb	RTCV	1.59	38	ePd	13	10.50	0.5
NUR	94.33	330	eP	40	09.00	-2.5	WBN	24.71	165	iPd	46	12.20	0.8				S	13	35.00	
	Z 21s	3.60um			5.8Msz		ASPA	25.37	148	eP	46	17.00	-0.7	RTCB	1.80	25	ePd	13	13.20	0.1
		LR		30	50.00		ISO	26.68	135	eP	46	26.00	-3.8X				(S)	13	41.00	
UPP	97.89	330	iP	40	26.00	-1.7	MRWA	27.13	187	eP	46	34.00	0.2	RFA	1.93	149	iPc	13	15.40	0.4
INK	98.06	21	eP	40	27.50	-0.9	BDT	28.14	314	eP	46	44.00	1.0				S	13	43.80	
MBC	99.06	12	eP	40	32.00	-0.8	PMG	28.16	106	eP	46	42.50	-0.8	CFA	1.95	39	ePd	13	16.90	1.7
NB2	100.73	332	Pdiff	40	33.70	-7.0X		1.0s	80.00nm				5.3mb				S	13	44.80	
	1.0s	7.00nm			5.2mb		BAL	28.42	186	eP	46	45.00	-0.4	RTLL	2.07	30	iPd	13	17.70	0.8
BNG	101.36	274	ePdiff	40	47.00	2.5	KLB	29.32	183	eP	46	59.00	5.5X				S	13	46.40	
	0.6s	3.00nm			5.1mb		NWAO	30.68	184	eP	47	07.00	1.5	CYA	5.74	37	e(P)	14	08.50	-0.5
		id		44	53.90		CTA	31.40	126	iPd	47	11.70	-0.4	SLA	9.14	25	ePc	14	55.00	-1.5
GWF	105.99	321	ePKP	45	33.50	17.0X		1.2s	21.88nm				4.8mb	VAO	22.40	69	eP	17	40.80	-0.1

SPA 57.05 180 eP 22 29.00 0.1
1.1s 19.05nm 5.0mb
KIC 72.94 70 eP 24 11.30 -0.8
GBA 144.33 115 PKPc 32 16.50 -2.1
0.9s 13.60nm
HYB 147.46 111 ePKP 32 26.00 2.2
S.D. = 1.3 on 13 of 13 obs.

? FEB 24, 1985 03h 14m 53.57± 0.91s
23.085 S ± 8.9km 70.273 W ±37.1km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF NORTHERN CHILE (122)

ANT 0.63 192 eP 15 05.00 -1.2
eS 16 43.50
TPZ 2.16 42 eP 15 50.00 19.5X
CNCB 6.60 19 iP 16 32.80 -0.9
ARE 6.69 350 eP 16 35.00 0.4
LPB 6.83 18 P 16 37.00 0.3
1.1s 75.95nm 5.7mb X
LR 42 10.00
PEL 10.03 182 iPd 17 22.10 1.4
S.D. = 1.5 on 5 of 6 obs.

FEB 24, 1985 04h 09m 54.82± 1.32s
2.252 S ± 4.8km 119.712 E ± 6.7km
DEPTH = 42.7 ± 12.9 km
5.0mb (13 obs.) 4.6Msz (1 obs.)
SULAWESI (268)

KKM 8.95 337 ePd 12 04.30 -0.4
DAV 10.97 32 eP 12 34.00 1.8
eS 14 39.00
PPR 11.99 355 ePd 12 46.00 0.0
LEM 12.88 249 ePc 13 00.00 1.9
1.0s 83.33nm 5.7mb X
eS 16 44.00
MTN 15.45 134 eP 13 36.00 4.5X
KNA 16.11 147 eP 13 38.00 -2.0
OCP 16.83 5 eP 14 02.00 12.9X
MAN 16.86 5 eP 13 51.40 2.0
KGM 16.93 284 ePd 13 51.00 0.7
BAG 18.56 3 eP 14 09.00 -1.8
eS 17 39.00
MBL 18.79 180 eP 14 14.00 0.6
IPM 19.87 290 ePc 14 24.20 -1.2
0.9s 46.20nm 4.8mb
e 14 52.00
NAU 20.58 191 iPc 14 33.00 0.2
SNG 21.23 296 eP 14 39.00 -0.5
WRA 22.66 142 Pc 14 51.60 -2.1
1.0s 54.50nm 5.0mb
WB2 22.67 142 eP 14 53.20 -0.6
MEK 24.25 183 eP 15 09.00 -0.1
0.7s 32.00nm 5.0mb
WBN 24.65 165 iPd 15 13.60 0.6
1.0s 50.00nm 5.0mb
NNT 24.72 307 eP 15 13.00 -0.7
ASPA 25.34 148 eP 15 19.00 -0.5
GZH 25.94 346 Pc 15 27 00 1.9
LOE 26.38 318 eP 15 29.00 -0.3
ISO 26.67 135 eP 15 31.00 -0.9
KHT 26.91 310 eP 15 36.30 2.2
MRWA 27.05 187 eP 15 38.00 2.8X
BDT 28.15 314 eP 15 45.20 -0.1
PMG 28.19 106 eP 15 45.00 -0.8
1.0s 60.00nm 5.2mb
BAL 28.34 185 eP 15 48.00 1.0
KLB 29.24 183 eP 16 00.00 5.0X
CHG 29.25 317 iPd 15 53.00 -2.3
0.8s 13.43nm 4.7mb
NWAO 30.60 184 eP 16 12.00 4.9X
GYA 31.20 337 P 16 14.40 1.8
CTA 31.40 126 iPd 16 13.80 -0.5
1.0s 13.50nm 4.7mb
eS 21 58.00
KMI 31.80 330 eP 16 17.00 -1.0
N 14s 0.60um
S 21 36.00
WHN 33.01 351 eP 16 30.00 1.9
SSE 33.19 2 e(P) 16 37.00 7.3X
Z 18s 1.00um 4.6Msz
i 21 56.00
NJ2 34.12 359 eP 16 35.60 -2.2
STK 35.97 147 eP 16 53.00 -0.5
CD2 36.31 336 P 16 55.00 -1.5
ADE 37.04 154 iPd 17 03.20 0.6
XAN 37.50 345 eP 17 05.30 -1.2
TIA 38.34 357 eP 17 13.60 0.2
SHL 38.61 317 iP 17 15.00 -1.1
TIY 40.33 351 eP 17 30.50 0.5
BFD 40.62 152 eP 17 32.00 -0.3
LZH 40.92 340 eP 17 36.50 1.5
YOU 41.59 143 iPc 17 41.20 0.8
ipP 17 48.30 24kmX
LSA 41.90 321 P 17 46.10 2.6
BJI 42.21 356 eP 17 47.00 1.7
TOO 42.38 149 eP 17 48.00 1.2
CAN 42.68 144 iPd 17 50.60 1.3
e 19 46.60
WAM 43.22 145 eP 17 54.30 0.7
e 19 42.30
BTO 43.56 349 eP 17 57.00 0.6
SNY 44.01 4 eP 17 58.00 -1.9
eS 24 32.00
PKI 44.37 314 eP 18 08.10 4.6X
0.7s 50.00nm 5.4mb
KKN 44.60 314 eP 18 06.20 1.0
DMN 44.61 314 eP 18 03.10 -2.3
GBA 44.79 292 Pc 18 05.80 -0.8
0.8s 72.10nm 5.6mb
HYB 45.04 297 iPc 18 08.00 -0.6
1.0s 85.00nm 5.6mb
GTA 45.31 338 P 18 12.00 1.4
CN2 46.13 6 eP 18 15.60 -1.2
KOU 47.10 116 iPc 18 24.90 0.1
MDJ 47.49 10 eP 18 26.00 -1.5
NOU 49.54 118 iPc 18 43.20 -0.6
POO 49.62 297 eP 18 42.60 -1.9
eS 25 56.00
BOM 50.66 297 eP 18 49.50 -2.8
eS 26 09.00
NDI 51.04 310 eP 18 52.50 -2.6
WMQ 54.10 332 eP 19 17.60 -0.2
QUE 59.73 307 eP 19 59.40 1.2
KRP 62.11 132 eP 20 01.40 -12.5X
KHI 67.72 308 eP 20 49.90 -0.7
MHI 67.79 311 eP 20 53.00 2.1
1.0s 76.00nm 5.7mb
TET 85.67 254 eP 22 36.00 5.0X
SPA 87.76 180 e(P) 22 39.50 -1.0
KRI 89.45 253 eP 22 58.00 8.5X
BUL 90.27 250 eP 22 54.00 0.8
KJF 92.89 334 eP 23 05.00 0.8
SOD 93.26 337 eP 23 06.00 0.1
SUF 93.63 333 iP 23 08.00 0.4
0.7s 3.20nm 4.9mb
NUR 94.45 330 eP 23 10.00 -1.4
e 23 21.00
INK 98.26 21 eP 23 21.00 -7.6X
NB2 100.86 332 Pdiff 23 40.90 0.3
0.8s 2.00nm 4.8mb
KIC 124.48 276 ePKP 28 54.80 2.6X
ALQ 126.21 47 ePKP 28 57.50 2.2
1.1s 4.75nm
JCT 133.25 49 ePKP 29 09.00 0.5
e 32 35.00
TCA 146.35 173 ePKPc 29 34.30 2.2
VAO 151.74 207 ePKP 29 51.10 10.4X
ITR 155.61 243 e(PKP) 29 47.00 0.8
S.D. = 1.4 on 75 of 88 obs.

? FEB 24, 1985 04h 54m 33.81± 4.83s
22.020 S ±37.1km 175.209 W ±71.3km
DEPTH = 33.0km (normal)
5.3mb (3 obs.)
TONGA ISLANDS REGION (174)

CAN 33.90 239 iPd 01 16.00 0.1
YOU 34.17 241 eP 01 18.20 0.0
WAM 34.20 238 eP 01 19.10 0.7
ISO 42.03 263 eP 02 24.00 -0.1
ASPA 46.73 258 eP 03 02.00 0.1
WB2 46.97 263 iPd 03 04.00 0.2
WRA 46.98 263 Pd 03 02.00 -1.9
0.4s 9.40nm 5.1mb
KNA 53.14 266 iPc 03 52.30 1.3
0.3s 12.00nm 5.3mb
KLB 59.78 245 iPd 04 37.60 -0.7
MBL 59.97 258 eP 04 40.00 0.3
NWAO 60.03 244 eP 04 40.00 0.1
BAL 60.83 246 iPd 04 45 00 -0.4
MUN 61.03 245 eP 04 46.00 -0.7
NAU 63.55 255 iPd 05 04.70 1 0
0.4s 13.00nm 5.4mb
S.D. = 0.9 on 14 of 14 obs.

& FEB 24, 1985 05h 37m 13.19s
42.464 N 111.822 W
DEPTH = 7.4km
EASTERN IDAHO (457)
<SLC>. ML 2.7 (SLC).

TMI 0.84 355 eP 37 29.00 -0.9
HPI 1.56 324 eP 37 40.60 -1.0
IMW 1.57 24 eP 37 41.60 -0.2
BDW 1.69 79 eP 37 44.20 0.7
DAU 2.09 168 eP 37 51.80 2.4
DUG 2.39 199 eP 37 53.80 0 4
MSU 3.96 184 P 38 18.20 2.4
7 obs. ossocioted

• FEB 24, 1985 06h 04m 30.00± 1.27s
33.245 S ±12.9km 72.171 W ±12 8km
DEPTH = 33.0km (normol)
4.5mb (1 obs.)
OFF COAST OF CENTRAL CHILE (134)

PEL 1.25 86 iPd 04 51.50 0.2
MDZ 2.81 84 iP 04 16.00 -57.7X
iS 05 40.00
RTCB 3.35 59 eP 05 22.50 1.1
(S) 06 11.10
RTCV 3.36 67 eP 05 22.70 1.1
S 06 11.50
ZON 3.41 61 eP 05 23.00 0.8
RFA 3.43 117 ePc 05 23.50 0 9
S 05 16.50
RTLL 3.67 60 e(P) 05 26.50 0.6
S 96 24.50
CFA 3.70 65 ePc 05 26.80 0.5
S 06 19.80
TCA 6.69 76 ePc 06 06.30 -2.3
e 06 10.80
S 07 28.50
ANT 9.63 10 eP 07 04.00 14.7X
eS 09 03.00
SLA 10.30 36 e(P) 07 00.80 2.1
YJA 12.51 30 e(P) 07 29.00 0.1
ARE 16.72 2 eP 08 28.00 4.3X
CNCB 16.80 14 eP 08 24.00 -0.9
LPB 17.04 13 eP 08 20.00 -7.8X
LR 15 12.00
VAO 24.40 72 eP 09 44.90 -1.7
BAO 28.03 57 e(P) 10 18 00 -2 4
ITR 39.52 60 eP 11 57.10 -2 5
JCT 68.56 335 eP 15 32.20 6 7
0.8s 3.73nm 4 5mb
KIC 74.95 72 eP 16 09.50 -0 4
BUL 87.74 113 eP 17 18.00 0 7
GBA 146.14 118 PKPd 24 09.20 1 3
0.7s 7.40nm
HYB 149.34 114 ePKP 24 18.00 5 0X
S.D. = 1.5 on 18 of 23 obs

• FEB 24, 1985 07h 00m 41.45± 2.02s
28.636 S ±11.0km 68.197 W ±21.2km
DEPTH = 196.4 ± 42.1 km
LA RIOJA PROVINCE, ARGENTINA (138)

VCA 0.10 182 iPc 01 59.00 50.9X
S 02 09.00
RTLL 2.69 185 iPc 01 27.20 -0.6
S 02 01.20
RTCB 2.89 190 ePd 01 30.20 0.1
ZON 2.93 188 eP 01 31.00 0.4
RTCV 3.23 185 ePd 01 34.30 0.2
S 02 14.00
TCA 4.13 132 ePc 01 45.40 0.6
S 02 33.40
MDZ 4.27 187 e(P) 02 27.20 40 1X
SLA 4.58 32 ePc 01 51.20 0.0
RFA 6.12 182 ePc 02 10.90 -0 1
S.D. = 0.4 on 7 of 9 obs.

FEB 24, 1985 08h 20m 13.78± 0.82s
41.470 N ±10.4km 20.388 E ± 6.4km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 3.1 (TTG).

24d 08h

OHR	0 47 139	iPgc	20 22.50	-0.9	LEM	12.86 249 ePc 10 53.00 9.0X
		iSg	20 30.20			1.0s 20 83nm 5.1mb
SKO	0.93 57	iPg	20 29.50	-2.1	PGP	15.67 5 eP 11 22.00 1.3
		iSg	20 42.00		KNA	16.15 147 eP 11 25.00 -1.8
ULC	0.98 300	iPg	20 31.30	-1.2	BAG	18.54 3 eP 11 56.00 -0.7
		iSg	20 47.80		IPM	19.82 290 ePd 12 11.30 0.1
PVY	1.17 345	iPg	20 33.80	-1.8	NAU	20.60 191 eP 12 20.00 0.7
		iSg	20 52.80		SNG	21.19 296 eP 12 25.50 0.2
TTG	1.28 319	ePg	20 36.80	-0.6	WRA	22.71 142 Pc 12 38.00 -2.4
		iSg	20 56.30			1.1s 45.90nm 4.8mb
BDV	1.42 305	ePn	20 39.80	0.2	WB2	22.71 142 eP 12 39.20 -1.3
		eSn	21 02.80		MEK	24.27 182 iPd 12 58.00 2.4
VAY	1.65 94	iPn	20 42.40	-0.5		0.6s 26.00nm 4.9mb
		iSn	21 05.00		NNT	24.67 307 eP 13 00.00 0.5
HCY	1.71 305	ePn	20 44.30	0.5	WBN	24.69 165 eP 13 00.00 0.4
		eSn	21 10.00		ASPA	25.38 148 eP 13 09.00 2.8X
BRY	1.98 317	ePn	20 49.20	1.4	LOE	26.34 318 eP 13 15.00 -0.1
		eSn	21 16.80		ISO	26.71 135 eP 13 21.00 2.4
PLE	2.00 339	ePn	20 50.30	2.2	BDT	28.11 314 eP 13 32.00 0.8
		eSn	21 17.80		PMG	28.24 106 eP 13 31.50 -0.9
VTS	2.38 61	iP	20 54.00	0.6	CHG	29.20 317 eP 13 41.50 0.4
MMB	2.51 86	eP	20 56.00	0.7	NWAO	30.63 184 eP 14 06.00 12.4X
BEO	3.35 1	eP	22 02.10	54.9X	GYA	31.16 337 P 14 00.00 1.5
KDZ	3.73 86	iP	21 14.00	1.4	CTA	31.45 126 eP 14 01.00 0.0
PVL	3.92 63	eP	21 30.00	14.7X	KMI	31.76 330 eP 14 04.00 0.1
DIM	3.93 80	eP	21 16.00	0.6		eS 19 15.00
VOY	6 55 316	iPn	21 52.20	-0 4	WHN	32.98 352 Pd 14 15.40 1.3
		iSn	23 06.80		NJ2	34.10 359 Pc 14 24.80 1.0
	S D = 1.3 on 15 of 17 obs				STK	36.01 147 eP 14 40.00 -0.2
					CD2	36.27 337 iPc 14 42.30 -0.1
	FEB 24, 1985 10h 34m 14.78± 0.33s				TIA	38.31 357 eP 14 58.40 -1.0
	2 227 S ± 6.9km 119.670 E ±10.2km				SHL	38.57 318 iP 15 01.50 -0.4
	DEPTH = 33.0km (normal)				LZH	40.88 340 eP 15 21.50 0 6
	4.9mb (7 obs.)				YOU	41.64 143 eP 15 28.30 1.3
	SULAWESI			(268)	BJI	42.18 356 eP 15 31.00 -0.3
					CAN	42.72 144 eP 15 37.30 1.4
MTN	15.49 133	eP	37 52.00	-0.6	WAM	43.26 145 eP 15 37.00 -3.2X
KGM	16.88 284	ePc	38 14.50	4.2X	BTO	43.52 349 eP 15 42.60 0.2
IPM	19.82 290	ePd	38 46.00	0.3	PKI	44.33 314 eP 15 49.20 -0.2
NAU	20.60 191	eP	38 54.00	0.2		1.0s 34.00nm 5.1mb
WRA	22.71 142	Pd	39 13.20	-1.8	KKN	44.55 314 eP 15 50.60 -0.4
	1.1s 24.90nm		4.6mb			1.3s 116.00nm 5.5mb
WB2	22.71 142	eP	39 14.30	-0.8	DMN	44.57 314 eP 15 51.20 0.0
MEK	24.27 182	eP	39 31.00	0.8		1.0s 49.00nm 5.3mb
	0.6s 38.00nm		5.1mb		GBA	44.74 292 Pd 15 52.00 -0.4
WBN	24.69 165	eP	39 35.00	0.8		1.0s 44.40nm 5.3mb
ASPA	25.38 148	eP	39 41.00	0.2	HYB	44.99 297 ePd 15 54.50 0.0
ISO	26.72 135	eP	39 58.00	4.7X		1.0s 50.00nm 5.3mb
MRWA	27.07 187	eP	40 00.00	3.7X	GTA	45.27 338 P 15 57.00 0.5
CHG	29.20 317	eP	40 00.50	-15.3X	POO	49.57 297 eP 16 28.70 -1.7
GYA	31.16 337	eP	40 34.80	1.6	NDI	51.00 310 eP 16 39.50 -1.5
CTA	31.45 126	iPc	40 40.80	5.1X	WMO	54.06 332 Pc 17 03.50 -0.2
	1.1s 13.92nm		4.7mb		OUE	59.69 307 eP 17 42.00 -2.1
KMI	31.76 330	Pc	40 39.00	0.4	KRP	62.16 132 eP 18 03.00 2.5X
WHN	32.98 352	eP	40 52.00	3.2X	MNG	63.10 135 eP 18 05.00 -1.7
STK	36.01 147	eP	41 15.00	0.1	MHI	67.75 311 iPd 18 36.20 -0.6
CO2	36.27 337	eP	41 17.00	-0.1	SPA	87.79 180 e(P) 20 28.00 1.1
XAN	37 47 345	eP	41 26.40	-0.7	ALO	126.22 47 ePKP 26 41.00 -0.5
SHL	38.56 318	eP	41 36.50	-0.2		1.2s 4.69nm
YOU	41.64 143	eP	42 02.50	0.8	JCT	133.26 49 ePKP 26 55.00 0.2
BJI	42.18 356	eP	42 06.00	0 0		e 30 24.00
CAN	42.72 144	eP	42 11.80	1.1	VAO	151.75 207 ePKP 27 38.50 11.5X
BTO	43.52 349	eP	42 16.20	-0.9		S.D. = 1.1 on 46 of 53 obs
SNY	43.99 4	eP	42 21.10	0.4		
PKI	44 33 314	eP	42 24.00	-0.1		& FEB 24, 1985 13h 31m 32.10s
	0.8s 17.00nm		4.9mb			36.405 N 121.847 W
KKN	44.55 314	eP	42 26.20	0.4		DEPTH = 1.0km
	0.8s 25.00nm		5.1mb			CENTRAL CALIFORNIA (39)
DMN	44.57 314	eP	42 24.40	-1.6		<BRK>. ML 3.5 (BRK).
	0 7s 24.00nm		5.2mb			Mo=1.1*10**21 (BRK). Felt in the
GBA	44.74 292	Pd	42 25.20	-2.0		Big Sur-Carmel oreo
	0.6s 7.60nm		4.7mb			
HYB	44.99 297	eP	42 29.30	0.1	PRS	0.39 101 iPd 31 40.00 0.1
GTA	45.27 338	P	42 32.20	0.9		eS 31 45.50
NDI	51.00 310	eP	43 11.00	-4.8X	SAO	0 48 42 iPd 31 42.00 0.2
WMO	54.06 332	eP	43 39.50	1.0	GCC	0.64 349 iPd 31 44.40 -0.4
	S.D. = 0.9 on 26 of 33 obs.					iS 31 53.20
					LLA	0.76 74 iPd 31 47.30 0.1
	FEB 24, 1985 13h 07m 41.04± 1 64s				SLD	0.84 37 iP 31 49.10 0.3
	2.223 S ± 5.9km 119.675 E ± 8.1km				MHC	0.95 10 ePc 31 50.60 -0.4
	DEPTH = 42 5 ± 16.2 km					iS 32 05.30
	5.2mb (8 obs.)				ARN	0.98 15 iP 31 51.00 -0.5
	SULAWESI			(268)	PRI	0.99 105 ePc 31 50 80 -1.0
						iS 32 06.20
KKM	8.91 337	ePd	09 49.90	-0 4	PCC	1.17 339 eP 31 52.10 -2 7
DAV	10.96 32	eP	10 04 00	-14.4X		e(S) 32 05 60
		eS	12 32.00		PHAM	1.30 115 eP 31 54 70 -2.4

BKS	1.50 348	iPnc	31 57.20	-3.0		
		ePg	32 00.60			
		eSn	32 16.10			
		iSg	32 21.80			
ZSP	1.57 348	iPd	31 58.60	-2.6		
FRI	1.82 71	e(P)	32 02.40	-2.3		
		i	32 06.40			
JAS1	1.90 36	iPc	32 04.10	-1.9		
MIN	3.94 3	eP	32 34.00	-1.2		
EUR	5.57 55	iP	33 14.00	15.6		
	0.2s 0.56nm					
	16 obs. associated					
?	FEB 24, 1985 15h 03m 38.90± 6.81s					
	33.319 S ±20.8km 71.955 W ±56.6km					
	DEPTH = 33.0km (normal)					
	NEAR COAST OF CENTRAL CHILE			(135)		
PEL	1.08 81	iPd	03 57.50	-0.3		
MDZ	2.64 81	iP	04 18.70	-1.5		
		iS	04 56.70			
RTCV	3.23 64	eP	04 30.30	1.8		
		S	05 20.30			
RTCB	3.23 56	eP	04 32.20	3.6X		
RFA	3.24 118	ePc	04 29.00	0.3		
ZON	3.29 58	eP	04 33.00	3.7X		
RTLL	3.55 57	ePd	04 36.00	2.8X		
CFA	3.57 62	e(P)	04 37.00	3.6X		
		S	05 30.60			
VCA	5.58 36	ePd	05 01.50	-0.5		
		S	05 10.00			
TCA	6.54 74	iPd	05 15.50	0.2		
		e	05 17.30			
SLA	10.25 35	e(P)	06 24.20	17.2X		
	S.D. = 1.4 on 6 of 11 obs.					
*	FEB 24, 1985 17h 13m 05.47± 1.01s					
	31.408 S ±11.6km 68.036 W ± 6.5km					
	DEPTH = 10.0km (geophysicist)					
	SAN JUAN PROVINCE, ARGENTINA			(137)		
RTLL	0.38 282	iPd	13 12.80	-0.5		
		S	13 18.00			
ZON	0.57 256	iPd	13 17.60	0.6		
		eS	13 27.00			
RTCV	0.62 223	iPc	13 18.50	0.5		
		S	13 28.80			
RTCB	0.66 263	ePd	13 18.50	-0.1		
		S	13 28.50			
TCA	2.95 90	iPc	13 53.50	0.2		
		S	14 35.00			
RFA	3.37 186	ePc	13 58.60	-0.7		
		S	14 53.40			
	S.D. = 0.7 on 6 of 6 obs.					
*	FEB 24, 1985 17h 22m 06.85± 1.80s					
	16.196 S ±50.8km 179.583 W ±42.6km					
	DEPTH = 572.5 ± 13.8 km					
	4.3mb (2 obs.)					
	FIJI ISLANDS REGION			(181)		
SVA	2.68 224	eP	23 33.00	10.7X		
YSA	2.77 259	iP	23 23.00	0.1		
CAN	33.90 230	eP	27 59.20	-5.2X		
WAM	34.37 229	eP	28 07.50	-0.7		
WB2	43.85 258	iPc	29 27.00	2.1X		
WRA	43.86 258	Pd	29 24.90	-0.1		
	0.6s 5.20nm		4.2mb			
ASPA	44.20 253	eP	29 29.00	1.4		
WBN	50.87 249	eP	30 17.00	-0.8		
BJI	81.78 316	eP	33 35.00	7.6X		
COL	84.40 13	eP	33 40.00	0.1		
	1.0s 9.00nm		4 4mb			
YKA	93.26 25	eP	34 20.00	-1.3		
KRA	142.72 339	iPKPc	40 35.00	-1.7		
WIT	143.13 354	ePKP	40 36.50	-0.8		
KSP	143.16 343	iPKPd	40 36.20	-1.3		
	0.7s 24.00nm					
CLL	143.55 347	iPKPd	40 37.10	-1.0		
	1.0s 34.00nm					
BRG	143.74 345	iPKPd	40 37.50	-0.9		
	1.0s 20.00nm					
WTS	143.92 353	ePKPc	40 38.00	-0.7		
	0.9s 18.00nm					
PRU	144.40 344	PKP	40 39.90	0.3		
		e	40 43.10			
MOX	144.47 348	ePKP	40 40.00	0.3		

HOF	144.73	347	iPKPc	40	40.50	0.3
ENN	145.23	354	ePKP	40	41.50	0.6
	0.8s		12.00nm			
MEM	145.38	354	PKP	40	41.80	0.7
KHC	145.44	345	PKP	40	39.00	-2.4
	0.8s		10.50nm			
			i	40	42.50	
GRF	145.46	348	ePKP	40	43.00	1.6
DOU	146.02	355	PKP	40	43.40	1.2
WLF	146.29	353	PKPc	40	45.00	2.3X
FUR	146.89	347	iPKPc	40	46.20	2.4X
CDF	147.38	352	ePKP	40	46.60	2.0X
KBA	147.39	344	iPKPc	40	46.80	2.0X
	0.7s		11.00nm			
			i	40	50.60	
			i	40	55.70	
FLN	147.51	1	iPKPd	40	46.30	1.6
LDF	147.69	1	ePKP	40	46.70	1.7
GRR	147.88	2	iPKPd	40	47.00	1.7
HAU	147.90	352	iPKPd	40	47.80	2.4X
LJU	147.99	341	ePKP	40	48.20	2.6X
BSF	148.02	352	ePKP	40	48.00	2.3X
VOY	148.19	342	ePKP	40	46.00	0.0
			i	40	48.80	
LPF	148.23	2	iPKPd	40	48.00	2.2X
LOR	148.89	355	iPKPd	40	49.90	3.0X
SSF	149.12	356	ePKP	40	50.60	3.4X
LBF	149.16	355	ePKP	40	50.70	3.3X
AVF	149.40	356	ePKP	40	50.90	3.2X
SMF	149.51	355	ePKP	40	51.10	3.2X
OHR	149.56	329	ePKP	40	52.00	3.8X
BGF	149.66	357	iPKPd	40	51.70	3.6X
MFF	149.68	1	iPKPd	40	51.10	3.0X
TCF	149.96	358	ePKP	40	52.30	3.7X
LSF	150.02	358	iPKPd	40	52.10	3.5X
BNG	158.70	239	iPKPc	40	54.70	-6.4X
	0.6s		5.00nm			
			id	41	36.00	
KIC	169.00	152	ePKP	41	01.30	-8.8X

S.D. = 1.2 on 25 of 49 abs.

& FEB 24, 1985 17h 37m 37.02s
61.018 N 152.393 W
DEPTH = 109.9km
SOUTHERN ALASKA (2)
<AGS-P>.

RDT	0.45	181	iP	37	53.10	-0.7
NKA	0.63	116	eP	37	55.80	0.8
ILM	0.86	194	eP	37	56.65	-0.5
SUA	0.91	60	eP	37	57.11	-0.7
			eS	38	12.61	
SKT	1.05	23	iP	37	58.10	-1.0
NNL	1.12	151	eP	38	00.01	0.2
SLKM	1.18	115	eP	37	59.87	-0.6
PWA	1.37	61	eP	38	02.22	-0.4
PMS	1.39	79	eP	38	02.05	-0.9
			iS	38	21.93	
BRLK	1.46	149	eP	38	03.05	-0.7
			eS	38	23.36	
PDB	1.52	217	iP	38	04.01	-0.5
SVW	1.57	275	eP	38	03.71	-1.4
MPA	1.58	108	eP	38	04.24	-0.9
PTE	1.65	94	eP	38	04.28	-1.7
SEW	1.72	121	eP	38	05.75	-1.1
PME	1.73	68	eP	38	05.29	-1.8
GHO	1.83	64	eP	38	06.58	-1.8
			iS	38	30.34	
MSE	1.84	62	eP	38	06.78	-1.8
			eS	38	30.23	
KNK	1.95	77	eP	38	07.85	-2.0
PWL	1.99	93	iP	38	08.10	-2.2
SML	2.11	66	eP	38	09.55	-2.4
SCM	2.57	69	eP	38	15.83	-2.2
GLI	2.59	91	eP	38	15.11	-3.1
VZW	2.84	87	eP	38	18.77	-2.9
FID	2.90	93	eP	38	18.54	-3.9
VLZ	2.95	85	eP	38	20.20	-2.8
KLU	3.16	79	eP	38	23.19	-2.8
TOA	3.17	67	eP	38	24.46	-1.6

28 abs. associated

FEB 24, 1985 17h 58m 22.09± 0.51s
52.594 N ±13.6km 34.782 W ± 4 5km
DEPTH = 10.0km (geophysicist)
4.6mb (13 obs.)
NORTH ATLANTIC OCEAN (402)

DCN	16.55	76	eP	02	15.90	0.4
	1.0s		135.00nm		5.0mb	
DMU	16.69	74	eP	02	17 80	0.5
	1.3s		210.00nm		5.1mb	
DLE	16.99	76	eP	02	20.90	-0.2
	0.8s		55.00nm		4.7mb	
EKA	18.72	69	Pd	02	43.20	0.7
	1.1s		46.10nm		4.6mb	
GDH	18.88	339	iPc	02	42.40	-1.9
	1.0s		20.00nm		4.3mb	
SCH	18.99	289	eP	02	46.00	0.2
FRB	20.73	316	eP	03	05.00	0.2
DOU	24.51	80	P	03	44.50	2.1
BGF	24.92	89	iPc	03	47.50	1.1
	0.7s		6.50nm		4.4mb	
SSF	25.09	87	eP	03	46.50	-1.5
AVF	25.12	88	eP	03	48.00	-0.3
LOR	25.21	87	eP	03	47.50	-1.7
LBF	25.41	87	eP	03	49.50	-1.6
	1.1s		5.40nm		4.2mb	
SMF	25.49	88	eP	03	51.40	-0.3
CLL	29.06	73	e(P)	04	20.00	-4.2X
BRG	29.77	74	e(P)	04	31.50	0.8
MBC	38.45	337	eP	05	46.00	1.0
	1.0s		19.00nm		4.8mb	
FFC	38.50	301	eP	05	46.00	0.3
	1.2s		11.00nm		4.5mb	
YKC	41.20	316	eP	06	08.00	0.1
	0.8s		9.00nm		4.6mb	
YKA	41.25	316	eP	06	09.00	0.7
INK	45.49	329	eP	06	42.00	-0.6
COL	52.05	330	eP	07	34.00	0.5
	1.0s		10.00nm		4.7mb	
ALO	52.46	280	eP	07	38.00	0.8
	1.0s		6.75nm		4.5mb	
			e	07	46.60	
GSC	58.33	288	eP	08	28.00	8.5X
CLC	58.42	289	eP	08	20.00	-0.1
TPC	58.73	286	eP	08	22.00	-0.2
GLA	58.76	285	eP	08	23.00	0.6
ISA	59.04	289	eP	08	24.00	-0.4
SBB	59.35	288	eP	08	26.00	-0.6
RVR	59.58	287	eP	08	32.00	3.9X
PLM	59.74	286	eP	08	29.00	-0.4
MWC	59.82	288	eP	08	24.00	-5.9X
SYP	60.71	289	eP	08	31.00	-5.0X
MHI	64.51	63	eP	09	09.00	7.8X
BNG	64.91	118	iPd	09	10.90	7.1X
	1.0s		6.00nm		4.7mb	
WRA	146.33	19	PKPd	18	02.10	-1.2
	0.8s		5.90nm			
WB2	146.33	19	ePKP	18	04.20	0.9
			i	18	12.70	

S.D. = 1.0 on 30 of 37 obs.

FEB 24, 1985 18h 58m 54.20± 0.77s
41.484 N ± 9.5km 20.453 E ± 7.4km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 3.0 (TTG).

OHR	0.45	145	iPg	59	03.00	-0.5
			iSg	59	10.80	
SKO	0.89	56	iPg	59	10.50	-0.7
			iSg	59	23.30	
ULC	1.02	298	ePg	59	12.30	-1.2
			eSg	59	28.80	
PVY	1.17	342	ePg	59	14.80	-1.3
			eSg	59	33.40	
TTG	1.30	317	ePg	59	17.50	-0.7
			iSg	59	38.30	
BDV	1.45	304	ePn	59	20.80	0.3
			eSn	59	43.80	
VAY	1.60	95	iPn	59	23.40	0.8
			iSn	59	44.40	
HCY	1.75	304	ePn	59	25.30	0.6
			eSn	59	52.30	
BRY	2.00	316	ePn	59	30.20	1.6
			eSn	59	57.80	
PLE	2.00	337	ePn	59	30.30	1.7
			eSn	59	52 80	
VTS	2.33	61	eP	59	36.00	2.9X
PVL	3.87	63	eP	00	07.00	11.9X
VOY	6.57	316	e(Pn)	00	32 60	-0.7
			eSn	01	59 00	

S D. = 1.2 on 11 of 13 obs

FEB 24, 1985 19h 17m 45.49± 0.40s
1.146 S ± 6.7km 127.019 E ±10.7km
DEPTH = 33.0km (normal)
5.1mb (6 obs.)
HALMAHERA (267)

KNA	14.61	173	eP	21	11.00	-0.8
PGP	15.75	338	ePd	21	07.00	-19 6X
			eS	21	10.00	
WRA	20.01	159	Pc	22	13.10	-5 4X
	0.8s		13.10nm		4.3mb	
WB2	20.01	159	eP	22	14.70	-3 8X
LEM	20.15	253	ePc	22	21.00	6 5
ISO	22.98	149	eP	22	48.00	-6 5
ASPA	23.36	164	eP	22	51.00	-1.1
WBN	24.85	181	eP	23	07.00	0.5
IPM	26.59	283	ePc	23	23.20	0.4
MEK	26.60	197	eP	23	23.00	0.2
STK	33.53	157	eP	24	24.00	-0.3
WHN	33.74	340	eP	24	26.50	0.3
KMI	35.14	320	eP	24	40.00	1.4
YOU	38.54	151	eP	25	07.40	0.5
			e	25	15.10	
CD2	38.80	327	eP	25	09.10	0.0
CAN	39.68	151	eP	25	17.20	0.8
WAM	40.34	152	eP	25	22.90	1.2
TIY	40.95	342	eP	25	27.00	0.2
BJI	42.17	348	eP	25	35.00	-1.7
LZH	42.87	332	eP	25	43.00	0.3
	1.5s		50.00nm		5.0mb	
GTA	47.44	331	iPd	26	19.40	0.2
PKI	49.12	309	iPd	26	32.80	0.2
	0.7s		22.00nm		5.3mb	
KKN	49.33	309	iPd	26	34.40	0.3
DMN	49.38	309	iPd	26	35.00	0.5
	0.8s		38.00nm		5.5mb	
HYB	51.17	293	eP	26	48.00	0.0
	1.0s		40.00nm		5.3mb	
			e	26	56.00	
GBA	51.27	288	Pc	26	46.20	-2.6
	1.0s		12.50nm		4.8mb	
POO	55.78	293	eP	27	21.00	-1.1
WMQ	56.90	327	Pc	27	29.50	-0.3
MHI	72.72	309	eP	29	13.00	0.4

S.D. = 0.9 on 26 of 29 abs.

* FEB 24, 1985 20h 11m 44.65± 1.01s
38.860 N ± 9.2km 24.795 E ± 9.2km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.2 (TTG).

PRK	1.21	71	ePbc	12	07.50	0.3
			iSb	12	26.00	
ATH	1.23	224	ePbc	12	07.00	-0.4
			iSb	12	26.00	
KZN	2.75	303	ePg	12	30.50	0.9
KDZ	2.81	9	iPd	12	31.00	0.6
MMB	2.85	344	eP	12	30.00	-1.0
VAY	2.99	326	ePn	12	41.00	8.0X
DIM	3.24	10	eP	12	42.00	5.5X
VTS	3.93	343	iPd	12	47.00	0.8
PVL	4.29	4	eP	12	50.00	-1.4

S.D. = 1.1 on 7 of 9 abs.

? FEB 24, 1985 22h 29m 36.48± 1.71s
65.840 N ±23.9km 150.293 W ±15.3km
DEPTH = 10.0km (geophysicist)
ALASKA (676)
ML 3.7 (PMR).

IMA	1.41	281	eP	30	02.20	0.0
COL	1.41	131	iPd	30	02.40	0.2
FBA	1.41	131	eP	30	02.40	0.2
TOA	4.17	152	eP	30	40.50	-1.0
PME	4.27	172	eP	30	43.50	0.6
DWY	4.95	106	P	30	46.00	-6.6X
INK	7.00	62	eP	31	09.00	-12.4X

S.D. = 0.9 on 5 of 7 obs.

FEB 24, 1985 22h 37m 24.17± 0.26s
12.974 S ± 5.2km 165.720 E ± 6.2km
DEPTH = 33.0km (normal)
5.2mb (15 obs.) 4.6Msz (1 obs)
SANTA CRUZ ISLANDS (184)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN

24d 22h

L.P.B.: 9S, 12C
Centroid Location:
Origin Time 22:37:25.0 1.0
Lat 13.36S 0.20 Lon 165.49E 0.22
Dep 10.0 FIX Half-duration 1.4
Moment Tensor; Scale 10**23 D-CM
Mrr=-3.95 0.57 Mtt= 0.13 0.96
Mff= 3.82 0.88 Mrt= 0.44 1.83
Mrf=-6.38 2.96 Mtf=-1.19 0.54
Principal Axes:
T Val= 7.61 Plg=29 Azm= 79
N -0.08 6 172
P -7.54 60 273
Best Double Couple:Mo=7.6*10**23
NP1:Strike=152 Dip=17 Slip=-111
NP2: 354 74 -84

PVC		5.36	153	iPc	38 49.00 5.1X
HNR		6.67	301	eP	39 03.00 0.6
				eS	40 33.00
VSG		6.96	301	eP	39 06.00 -0.5
				eS	40 22.00
KOU		7.67	190	iPc	39 15.20 -1.2
				iS	40 43.30
NOU		9.31	176	eP	39 37.50 -1.7
				iS	41 25.00
YSA		12.04	109	eP	40 39.00 22.5X
BRS		18.77	218	eP	41 35.00 -8.1X
CTA		19.95	247	iPd	41 57.00 0.5
				iS	45 44.00
MDG		21.12	289	eP	42 07.00 -1.5
CMS		25.97	222	eP	42 57.00 1.4
ISO		26.17	249	eP	42 57.00 -0.7
YOU		26.42	214	eP	43 01.40 1.7
CAN		26.90	211	eP	43 07.50 3.4X
WAM		27.64	210	eP	43 12.30 1.5
MNG		28.84	164	P	43 21.10 -0.6
STK		29.06	226	eP	43 25.00 1.3
		0.5s	10.00nm		4.8mb
WB2		30.83	253	eP	43 38.20 -1.4
WRA		30.84	253	Pd	43 34.90 -4.8X
		0.6s	3.10nm		4.3mb
MSZ		31.64	177	eP	43 48.00 1.6
ASPA		31.95	246	iPd	43 48.00 -1.5
		0.5s	46.00nm		5 6mb
MTN		33.70	266	eP	44 04.00 -0.7
		0.6s	18.00nm		5.2mb
KNA		35.88	261	iPc	44 22.80 -0.5
WBN		38.98	244	iPd	44 48.30 -1.1
MEK		46.16	246	eP	45 47.00 -0.8
KLB		47.67	239	iPd	45 59.20 -0.4
BAL		48.38	241	eP	46 04.00 -1.1
NWAO		48.39	237	iPc	46 05.30 0.1
		0.7s	25.00nm		5.4mb
	Z	20s	0.70um		4.6Msz
	N	20s	0.60um		
	E	20s	0.70um		
NAU		48.57	251	eP	46 07.00 0.3
MRWA		48.76	242	iPd	46 08.40 0.3
RKG		48.83	236	iPd	46 10.50 2.0
MUN		49.05	239	iPc	46 10.00 -0.2
MAT		55.66	333	eP	46 58.00 -1.6
		1.1s	27.85nm		5.2mb
NJ2		63.37	316	Pc	47 52.70 0.0
WHN		65.66	312	eP	48 08.50 0.9
MDJ		66.04	333	Pc	48 10.00 0.2
SNY		66.92	327	eP	48 15.10 -0.3
TIA		67.03	319	eP	48 14.70 -1.6
CN2		67.38	330	iPd	48 18.00 -0.3
BJI		69.96	322	eP	48 34.50 0.1
TIY		70.96	318	P	48 41.00 0.4
KMI		72.11	302	Pd	48 48.50 0.5
CMG		72.99	294	eP	48 53.50 0.5
CD2		73.75	308	P	48 57.60 0.4
BTG		74.12	319	eP	49 00 70 1.5
LZH		76.03	313	eP	49 11.00 0.6
		2 0s	62 00nm		5.3mb
GTA		80.37	314	iPd	49 35.60 1.5
TTA		81.27	17	eP	49 38.50 0.3
SHL		81.41	299	iP	49 40.00 0.1
PME		82.42	20	eP	49 44.00 -0.1
		1.0s	12.50nm		4.9mb
IMA		84.36	15	eP	49 54.10 0.0
COL		85.15	18	iP	49 57.70 -0.2
		1.1s	81 65nm		5.8mb
			e		50 08.00
FBA		85.15	18	eP	49 57.30 -0.6

JAS1		85.54	50	eP	50 01.00 0.5
PKI		87.54	299	eP	50 11.70 0.8
		1.1s	37.00nm		5.6mb
KKN		87.71	299	eP	50 12.50 1.0
		0.9s	21.00nm		5.4mb
DMN		87.81	299	eP	50 13.20 1.1
		0.8s	33.00nm		5.7mb
BRW		87.81	11	eP	50 12.00 1.2
BMN		88.71	48	iP	50 16.80 0.8
		1.1s	5.84nm		4.8mb
EUR		89.34	49	iP	50 19.80 0.7
		0.5s	5.59nm		5.1mb
WMO		90.43	315	Pd	50 24.00 0.1
NEW		91.21	41	eP	50 27.00 -0.3
GBA		91.36	284	Pd	50 28.00 -0.5
YKA		96.69	27	eP	50 51.50 -0.5
YKC		96.74	27	eP	50 51.50 -0.8
		0.5s	4.00nm		5.2mb
MBC		98.97	14	eP	50 47.50 -14.6X
KJF		121.17	340	iPKP	56 15.00 0.3
		0.6s	15.60nm		
SUF		122.68	339	iPKP	56 17.30 -0.3
		0.5s	5.00nm		
NUR		124.68	338	ePKP	56 21.00 -0.6
		0.6s	10.40nm		
8UL		126.49	233	iPKPc	56 26.60 0.0
		0.6s	7.00nm		
NAI		127.39	258	ePKP	56 31.00 2.4
		1.0s	20.00nm		
KRI		127.49	237	ePKP	56 28.00 -0.5
NB2		128.54	344	PKP	56 28.20 -0.9
		1.0s	5.20nm		
BRG		135.79	335	ePKP	56 43.80 0.7
CLL		135.84	336	ePKP	56 45.00 1.8
PRU		136.19	333	ePKP	56 46.00 2.1
KHC		137.25	333	iPKPc	56 47.00 1.0
GRB3		137.85	335	ePKP	56 47.70 0.6
		1.3s	7.00nm		
KBA		138.86	331	ePKP	56 51 50 2.2
WLF		139.74	339	PKP	56 47.00 -3.4X
LOR		142.58	340	ePKP	56 53.40 -2.3
LBF		142.79	339	ePKP	56 53.60 -2.5
SSF		142.88	340	ePKP	56 53.80 -2.4
SMF		143.13	339	ePKP	56 53.60 -3.0X
LPF		143.35	345	iPKPd	56 55.10 -1.8
BGF		143.54	340	iPKPd	56 55.80 -1.5
MZF		143.93	340	iPKPd	56 56.40 -1.6
TCF		143.99	340	ePKP	56 56.70 -1.4
LSF		144.24	341	iPKPd	56 57.30 -1.2
MFF		144.42	343	iPKPd	56 57.90 -0.9
FRF		144.60	333	iPKPd	56 58.40 -0.8
LRG		144.80	334	iPKPd	56 59.30 -0.2
LMR		144.84	333	iPKPd	56 59.40 -0.2
RJF		145.09	340	iPKPd	57 00.50 0.5
CAF		145.24	339	iPKPd	57 01.10 0.8
SOB1		145.58	129	iPKPd	57 09.50 7.7X
				i	57 12.70
				i	57 19.40
LFF		145.67	341	iPKPd	57 02.20 1.3
LPO		145.74	340	ePKP	57 02.60 1.5
BNG		146.50	258	iPKPd	57 03.00 -0.3
		0.6s	101.00nm		
				id	57 05.20
				id	00 08.00
EPF		147.49	340	ePKP	57 07.30 3.2X
LGR		148.90	343	ePKP	57 12.50 6.2X
EBR		149.39	338	(PKP)	57 13.00 6.0X
TOL		151.72	343	ePKP	57 16.00 5.4X
		S.D. = 1.1	on	89 of 102 obs.	

? FEB 24, 1985 22h 48m 07.70± 0.79s
52.242 N ±17.3km 174.837 W ±33.5km
DEPTH = 204.4 ± 21.0 km
3.9mb (2 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK		1.20	253	eP	48 39.50 0.0
SVW		13.75	42	eP	51 14.50 -0.7
TTA		14.64	36	eP	51 27.30 1.0
IMA		17.46	29	e(P)	51 57.50 -2.2X
TOA		18.25	46	eP	52 01.50 -6.5X
PNL		20.97	55	eP	52 30.50 -5.0X
INK		25.34	35	eP	53 17.00 0.1
YKA		32.84	48	eP	54 22.70 -0.7
EUR		41.80	84	iP	55 38.80 0.1
		0.9s	5.80nm		4.1mb
DUG		43.29	81	eP	55 50.70 0.1

BDW		43.69	75	eP	55 53.70 -0.3
MSU		44.72	82	eP	56 02.50 0.4
ALQ		50.52	82	eP	56 46.50 -0.6
		1.0s	2.50nm		3.7mb
LTX		56.11	85	eP	57 28.50 0.6
		S.D. = 0.6	on	11 of 14 obs.	

* FEB 24, 1985 23h 10m 29.14± 4.68s
51.979 N ±17.3km 154.283 E ±10.0km
DEPTH = 322.4 ± 54.1 km
4.2mb (9 obs.)
NORTHWEST OF KURIL ISLANDS (220)

MAT		19.19	223	iPd	14 30.50 -0.3
COL		31.70	43	iP	16 24.80 0.0
		0.7s	13.70nm		4.5mb
INK		36.90	36	eP	17 09.00 0.3
YKA		46.34	40	eP	18 25.40 0.6
YKC		46.40	40	eP	18 25.50 0.2
		0.5s	7.00nm		4.2mb
KKN		55.89	273	eP	19 37.20 0.8
		0.6s	9.00nm		4.4mb
PKI		55.97	272	eP	19 39.30 2.2X
DMN		56.13	273	eP	19 38.00 -0.1
		0.7s	6.00nm		4.1mb
FFC		56.30	43	eP	19 39.00 0.3
		0.6s	9.00nm		4.4mb
SUF		58.58	335	eP	19 54.00 -0.3
BMN		58.67	63	eP	19 55.80 0.4
NUR		60.82	334	eP	20 09.00 -0.4
	Z	20s	0.20um		4.3Msz
				LR	50 00.00
BDW		61.12	57	iP	20 12.00 0.0
		0.9s	3.42nm		3.9mb
RSON		62.56	41	eP	20 19.80 -1.3
RSSD		62.94	52	eP	20 23.50 -0.4
		0.9s	4.62nm		4.1mb
NB2		63.53	341	P	20 26.40 -0.8
		0.7s	2.20nm		3.9mb
KHC		73.86	334	P	21 32.30 2.1X
KBA		75.80	334	iPc	21 42.30 1.0
		0.7s	6.90nm		4.5mb
				i	21 43.30
				i	36 57.80
				i(Sg)	37 11.20
		S.D. = 0.7	on	16 of 18 obs.	

FEB 24, 1985 23h 33m 13.62± 1.00s
34.985 N ± 8.7km 26.821 E ± 7.7km
DEPTH = 47.8 ± 9.5 km
4.2mb (13 obs.)
CRETE (370)

NPS		1.03	286	ePgd	33 32.80 0.9
				eSb	33 44.50
ATH		3.89	321	ePn	34 13.00 0.6
				eSn	34 56.50
PRK		4.28	354	ePn	34 15.30 -2.5
VLS		5.94	304	ePb	34 54.00 12.7X
HLW		6.38	142	eP	34 46.00 -1.4
				e	36 08.00
KZN		6.65	324	ePn	34 51.50 0.2
KDZ		6.75	351	iP	34 49.00 -3.5X
MMB		7.03	341	eP	34 56.00 -0.5
DIM		7.12	353	eP	34 58.00 0.3
VAY		7.16	333	ePn	35 04.30 6.0X
JMB		7.47	359	eP	35 03.00 0.3
OHR		7.74	324	ePn	35 08.00 1.5
VTS		8.11	341	eP	35 12.00 0.5
SKO		8.15	330	iPn	35 15.50 3.4X
	Z	13s	0.85um		
	E	12s	2.38um		
MLR		10.52	357	eP	35 44.00 -0.7
SPC		15.00	343	eP	36 58.20 14.0X
KRA		15.88	344	iPc	37 11.20 15.9X
KHC		17.18	329	P	37 13.50 1.8
				e	37 20.50
				e	37 29.80
PRU		17.48	333	eP	37 18.00 2.7X
GRB3		18.11	327	eP	37 22.40 -0.7
		0.7s	5.00nm		3.8mb
BRG		18.42	333	eP	37 28.50 1.6
CLL		19.13	333	e(P)	37 47.00 11.6X
MOX		19.16	329	e(P)	37 42.00 6.2X
SMF		20.85	311	iPd	37 52.50 -1.1
		0.6s	9.00nm		4.3mb
LBF		20.92	312	iPd	37 53.60 -0.7

0.9s 14.20nm 4.3mb
WLF 21.08 320 P 38 03.40 7.5X
LOR 21.12 312 iPd 37 55.60 -0.7
0.6s 4.80nm 4.0mb
AVF 21.22 311 eP 37 57.00 -0.3
0.7s 3.90nm 3.9mb
SSF 21.24 312 iPd 37 57.20 -0.3
1.0s 30.00nm 4.6mb
BGF 21.44 310 iPd 37 58.60 -0.9
0.6s 4.50nm 4.0mb
DOU 22.15 320 P 38 07.20 0.6
0.9s 25.00nm 4.6mb
LSF 22.16 308 iPd 38 06.00 -0.7
1.0s 3.70nm 3.8mb
MFF 23.36 308 eP 38 18.10 -0.4
FLN 24.39 313 eP 38 28.90 0.5
LPF 24.45 311 eP 38 28.70 -0.3
GRR 24.47 312 eP 38 30.00 0.8
MHI 26.52 78 eP 38 49.00 0.4
SUF 27.76 359 eP 39 07.00 7.5X
NB2 27.93 344 P 38 58.80 -2.3
0.8s 1.50nm 3.7mb
BNG 31.35 196 iPc 39 36.80 4.9X
1.0s 10.00nm 4.5mb
id 39 48.80
PKI 50.01 81 eP 42 06.80 1.1
0.8s 9.00nm 4.9mb
GBA 50.21 102 Pc 42 08.60 1.7
0.6s 2.00nm 4.3mb
SCH 64.18 320 eP 43 46.00 0.7
YKA 78.03 343 eP 45 11.50 3.3X
S.D. = 1.1 on 31 of 44 obs.

• FEB 25, 1985 00h 01m 19.45± 0.89s
6.377 S ±13.6km 154.711 E ± 8.1km
DEPTH = 41.2 ± 9.4 km
4.8mb (3 obs.)
SOLOMON ISLANDS (193)
Felt (III) at Panguna, Bougainville.

BGA 0.52 64 iPc 01 30.70 0.1
eS 01 41.00
PAA 0.78 84 iPc 01 33.70 -0.4
eS 01 40.00
SVO 5.76 119 eP 02 49.00 4.3X
HNR 6.01 121 e(P) 02 21.00 -27.3X
eS 04 08.00
LAT 7.67 268 eP 03 12.00 0.5
NOU 19.48 146 iPc 05 46.50 0.5
WB2 23.93 234 eP 06 31.50 0.6
WRA 23.94 234 Pc 06 29.40 -1.6
1.0s 39.80nm 4.9mb
COL 82.64 21 eP 13 39.00 -0.6
BMN 92.62 50 eP 14 29.20 0.7
1.0s 2.00nm 4.5mb
EUR 93 48 51 iP 14 32.80 0.2
0.5s 2.66nm 4.9mb
NEW 93.49 42 eP 14 32.00 -0.2
S.D. = 0.9 on 10 of 12 obs.

• FEB 25, 1985 01h 48m 31.24± 0.61s
48.931 S ±11.0km 121.648 E ±18.4km
DEPTH = 10.0km (geophysicist)
4.7mb (4 obs.)
SOUTH OF AUSTRALIA (437)

MEK 22.41 353 eP 53 33.00 1.7
ASPA 27.01 25 eP 54 15.00 -0.2
MBL 27.75 356 eP 54 21.00 -0.8
WRA 30.67 24 Pc 54 47.20 -0.9
0.9s 3.80nm 4.3mb
WB2 30.67 24 eP 54 47.20 -0.9
SPA 41.26 180 e(P) 56 17.50 -0.4
GBA 73.51 315 Pc 00 05.40 -0.4
1.0s 9.50nm 4.8mb
KMI 75.63 342 eP 00 19.50 1.3
BUL 77.02 254 iPc 00 25.50 -0.7
1.3s 8.65nm 4.7mb
PKI 82.76 328 eP 00 56.40 -0.4
0.8s 9.00nm 5.0mb
DMN 82.90 328 eP 00 57.20 -0.3
KKN 83.00 328 eP 00 57.80 -0.1
MBC 143.74 21 ePKP 08 04.00 -2.5X
BDW 144.37 80 ePKP 08 08.00 -0.9
1.0s 4.40nm
GOL 145.60 88 iPKP 08 13.00 1.9
1.1s 19.23nm
EDM 145.90 61 ePKPc 08 11.90 1.0
EKA 146.31 302 PKP 08 19.00 7.6X
0.9s 11.30nm
YKA 146.71 45 ePKP 08 14.10 2.3X
YKC 146.77 45 ePKP 08 14.00 2.1X
1.0s 13.00nm
DAG 148.06 344 iPKPd 08 15.90 2.3X
0.8s 7.46nm
RSSD 148.57 81 ePKP 08 20.30 4.6X
1.5s 22.27nm
TUL 149.77 101 ePKP 08 23.70 6.2X
1.5s 97.00nm
e 08 30.70
RLO 150.42 102 e(PKP) 08 22.80 4.3X
e 08 31.40
FFC 152.78 61 ePKP 08 28.00 6.7X
1.4s 12.00nm
S.D. = 1.0 on 15 of 24 obs.

• FEB 25, 1985 02h 41m 41.58± 0.86s
31.839 S ± 9.7km 67.771 W ± 7.2km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.46 300 ePd 41 50.30 -0.7
S 41 57.50
RTCV 0.65 268 iPd 41 54.10 -0.5
S 42 05.00
RTLL 0.78 310 eP 41 57.20 0.3
RTCB 0.94 292 ePc 42 00.50 0.8
S 42 13.60
MDZ 1.38 221 e(P) 42 10.60 3.6X
TCA 2.76 80 ePc 42 26.60 -0.2
S 43 06.00
PEL 2.78 241 iPd 42 31.80 4.7X
RFA 2.98 191 e(P) 42 30.00 0.2
S 43 14.50
S.D. = 0.7 on 6 of 8 obs.

• FEB 25, 1985 02h 56m 52.55± 1.56s
4.207 N ±12.6km 76.562 W ±18.7km
DEPTH = 81.5 ± 15.0 km
4.5mb (2 obs.)
COLOMBIA (103)
Felt ot Coli.

BOG 2.52 80 eP 57 33.50 0.9
eS 58 09.50
PSO 3.09 194 eP 57 39.50 -0.9
BMG 4.49 50 eP 58 01.00 1.3
UAV 6.94 51 eP 58 33.40 -0.3
SDV 7.50 51 eP 58 41.90 0.3
TOV 8.71 50 eP 58 57.50 -0.5
CAR 11.42 56 iPc 59 33.20 -1.5
0.5s 42.25nm 5.6mb
ZOBO 21.99 158 eP 01 43.00 1.1
0.9s 1.73nm 3.5mb
YKA 64.58 342 eP 07 23.30 0.2
KIC 71.50 85 eP 08 05.50 -1.6
WRA 146.07 240 PKPd 16 25.80 1.1
0.6s 1.00nm
GBA 148.71 55 PKPc 16 32.40 3.4X
0.6s 3.60nm
S.D. = 1.3 on 11 of 12 obs.

FEB 25, 1985 04h 11m 26.42± 0.52s
42.459 N ± 5.9km 143.536 E ± 5.9km
DEPTH = 80.4 ± 4.4 km
4.9mb (17 obs.)
HOKKAIDO, JAPAN REGION (224)
Felt (I JMA) ot Hochinohe, Hiroo, Kushiro, Obihiro and Urokowo.

O8I 0.52 333 iPd 11 40.30 -0.2
iS 11 49.40
URA 0.64 242 iPc 11 42 40 0.8
iS 11 53.50
KUS 0.82 50 Pd 11 43.30 -0.3
S 11 55.30
SAP 1.73 291 eP 11 56.00 0.8
S 12 17.40
HAC 2.45 219 eP 12 04.10 -0.9
iS 12 30.60
MRK 3.29 214 eP 12 16.00 -0.6
S 12 50.60
MAT 7.20 217 iPc 13 09.90 -1.1
eS 14 30.00
MDJ 10.35 287 eP 13 54.50 0.4
SHK 11.61 231 eP 14 13.10 2.2
CN2 13.28 282 eP 14 31.80 -1.1
SNY 14.82 274 Pc 14 51.80 -1.1
BJI 20.68 273 eP 16 02.00 0.2
WHN 26.17 253 iPc 16 56.00 1.1
XAN 28.30 264 eP 17 13.90 -0.4
LZH 31.17 272 Pd 17 40.50 0.6
1.2s 63.00nm 5.2mb
GTA 32.90 280 P 17 55.20 0.3
CD2 33.63 263 iPc 18 01.30 0.1
GYA 34.03 254 P 18 04 60 -0.1
KMI 37.64 256 Pc 18 36.00 0.5
IMA 41.23 33 eP 19 05.50 1.0
0.6s 9.80nm 4.8mb
COL 43.69 35 eP 19 25.00 0.6
0.8s 18.66nm 5.0mb
FBA 43.69 35 eP 19 25.90 1.5
0.8s 18.00nm 5.0mb
CHG 44.37 252 eP 19 32.00 1.4
INK 48.85 29 eP 20 05.00 -0.1
KKN 48.94 272 eP 20 06.80 0.2
0.6s 11.00nm 5.0mb
PKI 48.96 272 eP 20 07.00 0.1
0.7s 8.00nm 4.8mb
DMN 49.17 272 eP 20 08.60 0.2
0.7s 11.00nm 5.0mb
MBC 50.87 18 ePc 20 20.30 -0.1
0.8s 11.00nm 4.9mb
ALE 54.61 4 eP 20 47.00 -1.2
0.8s 5.00nm 4.6mb
YKA 58.33 32 eP 21 10.60 -4.2X
KEV 58.97 339 iP 21 19.00 -0.2
DAG 60.52 355 iPc 21 28.40 -1.3
0.5s 7.75nm 5.1mb
SOD 60.62 337 iP 21 29.40 -1.1
KJF 62.37 334 iP 21 41.80 -0.5
WB2 62.66 190 eP 21 43.80 -0.8
WRA 62.67 190 Pd 21 43.90 -0.8
0.5s 1.30nm 4.2mb
GBA 63.34 264 Pd 21 48.70 -0.6
0.5s 1.80nm 4.3mb
SUF 63.89 333 iP 21 51.30 -1.0
0.4s 6.60nm 4.9mb
NUR 65.95 332 iP 22 04.80 -0.7
0.4s 20.50nm 5.4mb
FFC 68.29 35 eP 22 22.00 1.6
0.8s 5.00nm 4.5mb
UPP 68.80 334 iP 22 22.30 -1.2
NB2 69.82 337 P 22 29.10 -0.6
0.6s 4.50nm 4.6mb
FRB 71.12 14 eP 22 37.00 -0.5
PRU 77.69 329 eP 23 16.50 1.0
EKA 78.55 341 P 23 22.00 1.9
1.8s 39.70nm 5.0mb
S.D. = 1.0 on 44 of 45 obs.

& FEB 25, 1985 04h 25m 09.12s
59.914 N 152.601 W
DEPTH = 86.4km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM 0.29 338 iP 25 21.78 -0.5
iS 25 32.69
NNL 0.67 78 iP 25 25.71 0.5
iS 25 38.10
RDT 0.67 8 iP 25 24.81 -0.5
PDB 0.81 262 iP 25 25.68 -1.0
iS 25 38.77
BRLK 0.88 99 iP 25 26.70 -0.8
iS 25 41.47
NKA 1.07 39 iP 25 31.01 1.3
iS 25 46.12
SPU 1.30 12 iP 25 32.24 -0.3
iS 25 50.60
SLKM 1.33 62 eP 25 31.70 -1.2
SEW 1.59 82 iP 25 34.96 -1.3
MPA 1.72 69 iP 25 36.76 -1.2
SUA 1.80 30 eP 25 39.15 -0.1
SVW 1.92 310 iP 25 39.17 -1.5
eS 26 01.36
PMS 2.01 47 eP 25 41.16 -0.7
PTE 2.02 60 eP 25 40.50 -1.4
SKT 2.14 14 eP 25 42.72 -0.9

25d 04h

KDC	2.17	178	eP	25 40.86	-3.2
			eS	26 05.10	
PWA	2.20	36	eP	25 44.00	-0.4
PWL	2.32	64	eP	25 43.99	-2.1
PME	2.45	44	eP	25 46.97	-0.9
KNK	2.53	52	eP	25 47.05	-2.0
GHO	2.59	42	eP	25 48.14	-1.7
MSE	2.62	41	eP	25 48.82	-1.5
SML	2.82	46	eP	25 50.99	-2.0
GLI	2.90	68	eP	25 51.64	-2.4
HIN	3.09	78	eP	25 53.81	-2.8
FID	3.16	72	eP	25 53.89	-3.7
VZW	3.21	66	eP	25 55.57	-2.7
MID	3.21	96	eP	25 56.34	-2.0
SCM	3.22	51	eP	25 56.67	-1.8
VLZ	3.33	66	eP	25 57.26	-2.7
TTA	3.44	333	eP	25 59.67	-1.9
KLU	3.65	61	iP	26 01.87	-2.5
SGAM	3.74	78	eP	26 02.11	-3.5
TOA	3.82	52	eP	26 05.12	-1.7
SNH	4.90	83	eP	26 19.49	-2.4
	35 obs. associated				

FEB 25, 1985 05h 03m 40.26± 0.44s
6.758 N ± 4.6km 72.987 W ± 6.2km
DEPTH = 166.3 ± 4.8 km
4.6mb (14 obs.)
NORTHERN COLOMBIA (99)

BMG	0.32	304	iP	04 02.00	-2.4
BOG	2.38	207	iP	04 22.50	1.0
			iS	04 52.50	
UAV	2.59	45	iPnd	04 25 00	1.0
	0.4s	388.90nm			
SDV	3.15	48	iPnc	04 31.70	0.8
	0.2s	152.60nm			
LGN	3.77	27	ePn	04 37.00	-1.6
	0.4s	406.20nm			
TOV	4.36	46	iPnd	04 47.20	0.8
	0.3s	33.30nm			
UPA	6.85	289	iPc	05 15.20	-4.1X
	0.8s	44.78nm		4.9mb	
			iS	06 27.50	
PSO	7.02	218	iP	05 22.50	0.5
CAR	7.05	58	iPnc	05 21.50	-0.7
	0.7s	30.14nm		4.8mb	
PCJ	11.65	340	iP	06 24.56	1.9
			eS	08 20.16	
HOJ	11.76	342	eP	06 26.80	2.7X
			eS	08 26.16	
GWJ	11.83	342	eP	06 27.82	2.8X
STH	11.85	342	eP	06 26.80	1.5
			eS	08 26.68	
ZOBO	23.38	168	iP	08 34.20	-1.6
	1.0s	4.50nm		3.9mb	
LPB	23.64	168	P	08 39.00	0.9
CNCB	23.93	165	P	08 41.00	-0.1
BAO	33.29	132	e(P)	10 05.00	0.7
FVM	34.88	336	iP	10 17.90	0.4
	0.6s	16.25nm		4.9mb	
RLO	35.55	329	iP	10 22.90	-0.3
TUL	35.76	327	iP	10 24.50	-0.4
	0.7s	16.30nm		4.8mb	
LTX	36.60	312	iP	10 32.10	-0.1
VAO	39.02	140	eP	10 52.80	0.4
ALQ	41.65	317	eP	11 14.20	0.2
	0.9s	3.78nm		4.0mb	
GOL	43.83	323	iP	11 32.10	0.3
	0.8s	11.90nm		4.5mb	
RSSD	46.06	329	eP	11 49.00	-0.3
GLA	46.78	310	eP	11 55.50	0.6
PSGA	47.22	342	eP	11 57.30	-0.8
	0.5s	7.26nm		4.5mb	
SCH	48.18	5	eP	12 06.00	0.6
BDW	48.22	324	iP	12 06.00	-0.2
	1.0s	4.00nm		4.0mb	
EUR	50.48	317	iP	12 24.00	0.5
	0.2s	8.93nm		5.1mb	
BMN	51.78	317	iP	12 32.80	-0.4
	1.0s	5.00nm		4.2mb	
SES	53.82	331	eP	12 47.50	-0.4
EDM	56.74	332	iPc	13 07.70	-1.1
FRB	56.97	2	eP	13 09.00	-1.1
PNT	57.68	326	eP	13 15.00	-0.4
	0.8s	10.00nm		4.7mb	
YKC	63.31	340	ePc	13 52.50	-0.8
	0.6s	7.00nm		4.7mb	

YKA	63.37	340	eP	13 53.20	-0.4
KIC	67.75	86	eP	14 21.90	-0.5
INK	73.12	340	eP	14 54.00	0.3
NB2	81.32	29	P	15 40.60	1.5
	0.7s		2.10nm	4.0mb	
ASPA	149.18	234	ePKP	23 11.00	4.2X
WB2	150.41	241	iPKPc	23 14.10	5.4X
WRA	150.42	241	PKPd	23 14.40	5.7X
	0.4s		2.70nm		
	S.D. = 1.0 on 37 of 43 obs.				

FEB 25, 1985 05h 33m 19 51± 0 44s
29.130 S ± 4.1km 68.673 W ± 8.8km
DEPTH = 109.4 ± 5.3 km
4.5mb (6 obs.)
SAN JUAN PROVINCE, ARGENTINA (137)

VCA	0.57	47	iPc	33 38.50	1.3
RTLL	2.20	175	iPc	33 56.40	0.8
RTCB	2.35	183	iPc	33 58.70	1.0
			S	34 26.20	
CFA	2.50	171	iPc	34 00.10	0.6
			S	34 20.20	
RTCV	2.72	178	iPc	34 03.50	0.9
			S	34 35.60	
MDZ	3.74	182	i(P)	34 15.60	-0.8
FSA	3.84	39	iPc	34 19.20	1.5
TCA	4.16	123	iPd	34 21.00	-1.1
			S	35 06.00	
PEL	4.36	203	iPc	34 24.20	-0.5
			i	35 14.30	
ANT	5.62	343	iP	34 40.30	-1.8
			iS	35 42.30	
RFA	5.63	178	iPc	34 39.70	-2.5
			S	35 01.80	
YJA	7.50	23	ePc	35 08.40	0.2
TPZ	7.63	360	P	35 17.00	7.0X
VBA	10.50	150	ePc	35 44.70	-3.6X
CNCB	12.28	3	eP	36 12.00	-0.3
LPB	12.55	3	eP	36 16.00	0.3
ZOBO	12.81	2	eP	36 17.10	-2.2
	0.9s	13.41nm		4.6mb	
ARE	12.87	348	eP	36 16.00	-3.8X
VAO	20.42	78	eP	37 48.70	-1.3
			e	37 51.10	
BAO	23.32	59	e(P)	38 19.00	0.3
SPA	61.03	180	eP	43 24.50	0.8
	0.8s	8.33nm		4.8mb	
JCT	66.29	331	eP	43 59.00	0.9
			e	44 27.00	
RLO	69.52	337	eP	44 17.90	-0.2
			e	44 47.00	
TUL	69.55	337	eP	44 18.70	0.4
	0.8s	14.20nm		4.8mb	
			e	44 47.40	
FVM	69.80	342	iP	44 20.00	0.2
KIC	70.80	71	eP	44 26.40	0.0
ALQ	73.03	328	eP	44 39.00	-0.4
	0.8s	3.17nm		4.2mb	
			e	45 09.00	
LHC	79.37	346	eP	45 14.50	0.1
RSSD	79.75	335	eP	45 17.00	0.1
	1.0s	6.00nm		4.4mb	
BDW	80.84	331	eP	45 23.00	0.4
	1.0s	3.00nm		4.1mb	
			e	45 54.00	
RSON	82.66	344	iP	45 32.30	0.7
YKA	98.42	340	eP	46 46.80	1.2
WB2	126.39	207	iPKPd	52 11.70	0.1
WRA	126.40	207	PKPd	52 11.30	-0.3
	0.5s	4.90nm			
GBA	145.02	109	PKPd	52 45.60	-0.4
	0.6s	24.30nm			
HYB	147.82	104	ePKP	52 54.30	3.7X
	0.8s	19.20nm			
	S.D. = 1.0 on 32 of 36 obs				

? FEB 25, 1985 06h 39m 05.57± 1.05s
19.777 S ±48.4km 174.202 E ±26.4km
DEPTH = 33.0km (normal)
VANUATU ISLANDS REGION (185)

SVA	4.35	68	eP	40 10 00	-1.1
VUN	4.40	67	eP	40 13 10	1.2
YSA	4.43	47	eP	40 12.20	-0.1
KNA	43.36	268	eP	47 29.00	22.3X
KLB	51.71	245	eP	48 11.00	-1.0

BAL	52.65	246	eP	48 20.00	1.0
	S.D. = 1.5 on 5 of 6 obs.				

FEB 25, 1985 06h 51m 48.28± 1.11s
2.190 S ± 6.3km 119.669 E ± 6.7km
DEPTH = 41.5 ± 12.3 km
4.7mb (7 obs.)
SULAWESI (268)

BKB	2.97	288	ePc	52 34.00	-0.1
MKS	3.01	184	iPd	52 36.00	1.3
			eS	53 24.00	
MNI	6.31	55	eP	53 19.80	-1.4
AAI	8.64	100	ePc	53 55.50	1.7
	1.0s	2.60nm		4.2mb	
TRT	8.89	232	iPc	53 55.70	-1.5
DAV	10.94	33	eP	54 31.00	5.7X
PGP	15.64	5	ePc	55 35.00	7.5X
KNA	16.18	147	eP	55 33.00	-1.4
KGM	16.87	284	eP	55 42.00	-1.1
BAG	18.50	3	eP	56 05.00	1.4
IPM	19.80	290	ePd	56 17.90	-0.4
NAU	20.63	191	iPc	56 26.50	-0.4
	0.8s	26.00nm		4.6mb	
PSI	21.30	283	ePc	56 33.60	-0.1
WRA	22.74	142	Pd	56 48.30	0.3
	0.6s	8.70nm		4.4mb	
WB2	22.74	142	eP	56 47.50	-0.6
MEK	24.31	182	eP	57 05.00	1.7
NNT	24.65	307	eP	57 10.00	3.4X
ASPA	25.41	148	eP	57 14.00	0.2
LOE	26.31	318	eP	57 22.50	0.4
CHG	29.18	317	eP	57 50.50	2.3
KMI	31.73	330	Pc	58 12.00	1.1
WHN	32.94	352	eP	58 23.00	1.9
STK	36.04	147	eP	58 48.00	0.3
CD2	36.24	337	iPd	58 48.60	-0.9
XAN	37.43	345	eP	58 58.00	-1.5
SHL	38.54	317	iP	59 09.20	0.2
BJI	42.15	356	eP	59 37.00	-1.3
SNY	43.96	4	Pc	59 50.60	-2.4
PKI	44.30	314	eP	59 56.30	-0.2
	0.8s	15.00nm		4.8mb	
KKN	44.52	314	eP	59 59.90	1.7
	0.7s	10.00nm		4.7mb	
DMN	44.54	314	eP	59 58.30	-0.1
	0.8s	23.00nm		5.0mb	
GBA	44.72	292	Pc	59 58.80	-0.8
	0.5s	7.70nm		4.8mb	
HYB	44.97	297	eP	00 00.50	-1.2
GTA	45.24	338	eP	00 03.80	0.2
POO	49.55	297	eP	00 38.30	0.8
NDI	50.97	310	eP	00 50.60	2.4
WMQ	54.03	332	P	01 10.50	-0.3
ALQ	126.20	47	ePKP	10 47.00	-1.8
	1.0s	3.00nm			
	S.D. = 1.3 on 35 of 38 obs.				

FEB 25, 1985 08h 34m 10.86± 0.16s
0.100 N ± 3.3km 123.450 E ± 3.9km
DEPTH = 164.9km (9 depth phases)
5.5mb (42 obs.)
MINAHASSA PENINSULA (265)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 8S, 16C
Centroid Location:
Origin Time 08:34:11.6 0.5
Lat 0.11S 0.04 Lon 123.51E 0.06
Dep 128.9 1.7 Half-duration 2.4
Moment Tensor; Scale 10**24 D-CM
Mrr= 3.01 0.15 Mtt=-2.22 0.23
Mff=-0.78 0.27 Mrt= 0.11 0.12
Mrf= 0.36 0.13 Mtf=-2.67 0.19
Principal Axes:
T Val= 3.05 Plg=83 Azm=252
N 1.23 7 52
P -4.28 2 143
Best Double Couple:Mo=3.7*10**24
NP1:Strike=240 Dip=43 Slip= 100
NP2: 46 48 81

MNI	1.93	46	iP	35 46.50	60.0X
PCI	3.75	255	iP	35 09.00	0.1
			iS	35 34.00	
AAI	6.05	128	eP	35 38.20	-1.1
MKS	6.61	217	iPd	35 48.20	1.5

e(S) 37 03.00
BKB 6.76 258 iPc 35 49.30 0.6
0.9s 535.20nm 5.9mb
DAV 7.26 17 eP 35 58.00 2.6
iS 37 20.00
KKM 9.33 309 ePd 36 24.40 1.5
0.4s 396.30nm 6.3mb
TLE 10.89 122 ePd 36 41.80 -1.6
TRT 13.28 234 iPc 37 15.50 1.3
1.0s 69.30nm 5.0mb
PGP 13.54 350 ePc 37 22.50 5.0X
iS 37 41.00
MAN 14.66 351 eP 37 35.40 3.9X
MTN 14.95 150 iPc 37 34.00 -1.2
0.5s 210.00nm 5.8mb
BAG 16.45 350 eP 37 54.00 0.0
e 40 56.00
KNA 16.60 162 iPc 37 54.70 -0.9
KGM 20.22 276 ePc 38 36.20 1.4
MBL 21.42 189 iPc 38 46.00 -0.8
0.4s 25.00nm 5.0mb
WRA 22.60 152 Pc 39 00.10 1.8
0.6s 74.00nm 5.3mb
WB2 22.60 152 eP 38 58.20 -0.1
i 39 00.00 7kmX
eS 42 47.00
IPM 22.84 282 ePc 39 01.90 1.2
1.0s 390.60nm 5.8mb
e 39 40.80 207kmX
MDG 22.92 104 eP 39 03.00 1.5
PPI 23.06 269 ePc 39 03.50 0.7
0.8s 153.10nm 5.5mb
OIZ 23.07 325 iPc 39 04.00 1.1
pP 39 36.00 162km
NAU 23.80 198 iPc 39 09.50 -0.4
0.4s 90.00nm 5.7mb
SNG 23.83 288 eP 39 12.00 1.8
HKC 23.85 338 iP 39 13.20 2.9X
ipP 39 59.00
iS 43 24.00
MOM 24.04 95 eP 39 13.50 1.3
LAT 24.44 106 eP 39 17.50 1.6
PSI 24.65 276 iPc 39 17.50 -0.4
0.6s 95.40nm 5.5mb
GZH 24.87 337 Pd 39 22.00 2.1
sP 40 10.00
TSI 25.10 278 ePc 39 22.50 0.4
GUA 25.10 57 e(P) 39 11.50 -10.6X
ASPA 25.71 157 iPd 39 28.00 0.3
ISO 26.00 144 eP 39 30.00 -0.3
PCT 26.17 305 eP 39 35.70 3.8X
0.7s 5.70nm 4.3mb X
WBN 26.26 174 eP 39 32.00 -0.7
NNT 26.59 299 eP 39 36.00 0.2
MEK 26.97 190 iPc 39 37.20 -1.9
0.4s 76.00nm 5.7mb
LOE 27.44 310 eP 39 42.60 -0.8
KHT 28.58 302 eP 39 55.00 1.3
BSI 28.60 281 ePd 39 54.50 0.7
ALOA 28.71 112 eP 39 55.50 0.7
BDT 29.49 307 eP 40 02.00 0.3
0.8s 160.00nm 5.8mb
MRWA 30 01 193 iPc 40 04.50 -1.7
CTA 30.02 133 iPd 40 07.00 0.6
1.1s 42 41nm 5.1mb
iS 44 53.00
CHG 30.41 309 iPc 40 10.40 0.6
1.0s 79.50nm 5.4mb
eS 45 06.00
KLG 30.77 183 iPd 40 11.30 -1.5
GYA 30.79 330 P 40 13.80 0.6
PP 41 17.00
PcP 43 06.00
S 45 02.00
SSE 30.90 356 eP 40 14.00 0.1
Z 20s 1.80um 4.7Msz
N 20s 1.50um
pP 40 44.00 140kmX
sP 41 04.00
eS 45 07.00
sS 45 59.00
SS 47 24.00
BAL 31.20 191 iPc 40 15.00 -1.6
0.5s 63.00nm 5.6mb
WHN 31.49 345 P 40 21.20 2.1
ipP 40 55.20 161km
KMI 31.94 323 eP 40 24.00 0.7

sP 41 14.00
S 45 24.00
KLB 31.98 189 iPc 40 21.80 -1.5
0.5s 67.00nm 5.7mb
NJ2 32.07 353 Pd 40 24.40 0.3
isS 46 25.00
BGA 32.27 102 iPd 40 25.50 -0.8
eS 41 12.00
PAA 32.60 102 eP 40 29.00 -0.1
eS 41 25.00
MUN 32.63 191 eP 40 27.00 -2.0
NWAO 33.37 190 iPc 40 34.20 -1.2
0.5s 84.00nm 5.7mb
Z 20s 0.80um 4.4Msz
N 20s 0.60um
E 20s 0.70um
RKG 34.52 189 iPc 40 49.40 4.2X
SHK 35.33 13 ePc 40 50.90 -1.1
CD2 35.89 330 eP 40 57.00 0.1
sP 41 49.00
S 46 22.00
STK 36.14 153 iPc 40 58.90 0.0
0.5s 51.00nm 5.5mb
TIA 36.41 351 eP 40 59.50 -1.6
pP 41 37.30 173km
sP 41 53.00
PcP 43 16.00
S 46 28.50
ScP 46 53.40
sS 47 31.50
SS 49 07.00
XAN 36.41 339 eP 41 00.00 -1.2
sP 41 51.00
S 46 32.00
SS 49 23.00
HNR 37.54 106 eP 41 11.00 0.1
ADE 37.69 159 iPc 41 12.90 1.0
1.0s 202.00nm 5.8mb
CMS 37.90 148 iPd 41 14.20 0.5
OYM 38.10 21 eP 41 12.90 -2.5
SRY 38.28 21 eP 41 17.10 0.3
DDR 38.60 21 eP 41 17.10 -2.5
MAT 38.76 19 iPc 41 19.20 -1.6
0.8s 51.49nm 5.3mb
eS 46 59.00
TIY 38.78 346 P 41 21.20 0.2
sP 42 13.00
TSK 39.12 22 eP 41 21.20 -2.6
BRS 39.25 137 iPc 41 24.00 -1.0
i 42 02.50 178kmX
i 43 00.00
eS 47 12.00
SHL 39.62 312 iP 41 28.50 0.3
eS 47 01.00
LZH 40.18 335 P 41 33.00 0.4
2.5s 486.00nm 5.7mb
E 12s 0.70um
pP 42 24.50 247kmX
eS 48 22.00
BJI 40.30 351 eP 41 32.50 -0.8
eS 47 10.00
sS 48 27.00
COO 40.76 141 eP 41 39.00 1.7
0.4s 21.00nm 5.1mb
BFD 41.08 157 eP 41 40.00 0.2
YOU 41.42 148 iPc 41 43.80 1.2
SNY 41.54 0 P 41 41.00 -2.4
HHC 41.97 346 P 41 46.50 -0.7
sP 42 39.80
sS 48 55.00
BTO 42.12 345 eP 41 48.20 -0.2
CAN 42.54 149 iPc 41 53.20 1.4
i 42 34.10 189kmX
LSA 42.58 317 P 41 54.50 1.7
sP 42 45.50
eS 48 03.20
TOO 42.65 154 iPc 41 53.80 1.1
1.0s 66.00nm 5.2mb
WAM 43.15 149 eP 41 58.10 1.4
CN2 43.55 2 Pc 41 56.00 -3.8X
pP 42 34.00 173km
PcP 43 41.00
ScP 47 21.00
eS 48 14.00
sS 48 58.00
ScS 51 41.00
MDJ 44.66 6 Pc 42 08.00 -0.7

pP 42 43.00 157km
esP 42 58.00
eS 48 25.00
sS 49 27.00
GTA 44.70 334 P 42 10.00 0.8
sP 43 02.50
PcP 43 48.90
ScP 47 26.90
S 48 34.00
sS 49 37.00
ScS 51 47.60
PKI 45.58 310 eP 42 15.90 -0.7
0.6s 70.00nm 5.4mb
KKN 45.79 310 eP 42 17.40 -0 [illegible]
DMN 45.83 310 eP 42 15.10 -3 3X
HYB 47.40 294 eP 42 29.40 -[illegible] 4
1.0s 110.00nm 5.4mb
e 43 05.50 161km
NOU 47.42 121 iPc 42 31.00 0.2
GBA 47.50 288 P 42 19.00 -12.4X
PVC 47.55 114 iPc 42 33.00 1.2
TAU 47.88 156 eP 42 34.00 0.1
POO 52.01 294 eP 43 04.00 -1.9
eS 50 10.00
NDI 52.51 307 iPc 43 07.20 -2.1
0.5s 140.85nm 6.0mb
eS 50 19.00
WMQ 53.94 328 Pc 43 19.00 -0.7
KSH 58.37 318 eP 43 51.00 -0.3
sP 44 47.00
eS 51 47.00
sS 52 51.00
MSZ 59.47 145 P 43 59.10 0.5
0.6s 42.00nm 5.5mb
(pP) 44 40.40 178kmX
KRP 61.00 134 P 44 10.40 1.3
(pP) 44 50.00 169km
TCW 61.61 138 P 44 12.00 -1.2
WEL 61.97 138 P 44 15.00 -0.5
pP 44 53.00 161km
(S) 51 26.00
MNG 62.15 137 P 44 15.40 -1.3
(pP) 44 55.00 168km
e 45 14.00
GNZ 63.07 134 P 44 22.40 -0.4
(pP) 44 57.00 144kmX
e 48 36.00
SMY 67.23 31 eP 44 50.70 1 5
MHI 69.16 309 eP 45 03.00 1 3
e 46 14.00 312kmX
ADK 71.79 34 eP 45 17.30 0 3
SHI 73.42 301 eP 45 42.00 14 8X
AVY 76.53 251 ePd 45 44.00 -1 1
MAW 79.24 200 eP 46 00.00 1.2
SDN 82.00 34 eP 46 14.00 0.5
SVW 85.52 29 eP 46 32.40 1.2
TTA 85.59 27 eP 46 32.50 0.9
BRW 86.63 19 eP 46 37.40 1.0
NAI 86.65 269 eP 46 39.00 1.0
1.5s 166.67nm 5.7mb
KDC 86.73 32 eP 46 37.70 0.6
IMA 87.01 24 eP 46 39.10 0.6
PME 88.73 29 eP 46 46.30 -0.3
0.5s 9.20nm 5.0mb
VAH 88.98 105 iP 46 52.90 4.2X
1.2s 100.00nm 5.7mb
TPT 88.99 105 iP 46 53.10 4.4X
1.2s 170.00nm 5.9mb
RUV 89.22 105 iP 46 54.10 4.3X
1.2s 145.00nm 5.9mb
COL 89.38 25 eP 46 48.00 -1.6
0.6s 13.00nm 5.1mb
FBA 89.38 25 eP 46 48.70 -0.9
0.6s 13.40nm 5.1mb
TOA 90.09 28 eP 46 53.50 0.5
SPA 90.10 180 eP 46 54.30 1.2
0.6s 13.01nm 5.1mb
KEV 92.15 340 iP 47 00.60 -1 7
0.6s 11.70nm 5.2mb
KJF 92.42 334 iP 47 02.00 -1.6
0.6s 32.60nm 5.6mb
SOD 92.54 337 iP 47 20.30 16.2X
SOD 92.54 337 iP 47 02.30 -1.8
SUF 93.27 333 iP 47 05.30 -2.2
0.6s 9.40nm 5 2mb
PNL 93.54 30 eP 47 10.20 1.3
KRI 93.70 253 iPc 47 09.00 -1.6

25a 08h

NUR	94.25	331	eP	47	09.00	-3.1X	PLE	0.94	79	ePg	52	50.00	-0.7	PMG	6.90	273	eP	14	24.00	1.9
	Z 20s		0.30um			4.8Msz				eSg	53	04.00			1.6s	1866.67nm				6.7mb
			LR	31	00.00		TTG	1.10	131	ePg	52	53.00	-0.4	MDG	9.47	298	eP	15	00.00	2.1
BUL	94.58	250	iPc	47	14.00	-0.6				eSg	53	14.40		MOM	10.27	319	eP	15	09.00	0.2
	0.8s		78.36nm			6.0mb	ULC	1.45	145	ePn	53	01.50	2.5X	CTA	12.68	216	eP	15	40.00	-1.6
SLR	94.70	244	eP	47	15.40	0.3				eSn	53	25.00			1.6s	346.67nm				6.2mb
INK	94.73	21	ePc	47	13.70	-0.5	PVY	1.46	112	ePn	53	01.50	2.2				iS	18	10.00	
	0.5s		19.00nm			5.6mb				eSn	53	25.40		PVC	15.82	121	iPc	16	22.00	-0.7
MLR	95.20	316	eP	47	00.00	-17.0X	CEY	3.71	315	eP	53	41.20	9.9X	NOU	17.10	138	iPc	16	38.00	-0.8
UPP	97.82	331	iP	47	26.10	-2.2	VOY	4.18	315	ePn	53	37.90	-0.2	BRS	17.47	184	P	16	42.00	-1.5
KRA	98.58	321	eP	47	31.50	-0.5				e(Sn)	54	25.10					iS	20	06.00	
DAG	100.39	352	iPdiff	47	37.80	-1.8				e	54	39.40		ISQ	17.70	231	eP	16	48.00	1.6
	0.4s		25.42nm			6.1mb		S.D. = 1.8		on	5	of	7 obs.		1.0s	211.00nm				5.2mb
			i	48	17.00									COO	20.70	185	eP	17	20.00	-0.8
NB2	100.52	333	Pdiff	47	38.40	-2.2	? FEB 25, 1985 11h 11m 37.15± 8.31s							WB2	21.55	240	iPd	17	29.20	-0.3
	0.7s		3.50nm			5.0mb	15.970 N ±16.1km 60.549 W ±72.0km										eS	21	29.10	
BRG	102.13	322	ePdiff	47	47.00	-0.9	DEPTH = 33.0km (normal)							WRA	21.56	240	Pc	17	29.90	0.3
YKA	104.13	24	ePdiff	47	58.60	2.1	LEEWARD ISLANDS (92)								1.6s	477.40nm				5.7mb
EDM	109.14	32	ePKP	52	22.50	-0.1								TLE	21.60	280	ePc	17	30.00	0.1
BMN	111.89	46	ePKP	52	30.00	1.7	SFG	0.68	294	eP	11	52.30	2.0	MTN	22.74	260	eP	17	41.00	-0.2
EUR	113.12	46	iPKP	52	32.20	1.4	MGG	0.74	266	iPc	11	51.48	0.4	ASPA	23.69	232	iPd	17	51.00	0.5
	0.2s		8.37nm							S	11	58.90			1.5s	553.00nm				5.9mb
FFC	113.93	27	ePKP	52	31.00	-0.6	SEG	1.01	295	eP	11	55.00	-0.1	YSA	23.78	109	eP	18	02.80	11.5X
	0.6s		13.00nm				MDN	1.05	232	eP	11	55.70	0.2	NDF	23.94	112	eP	17	54.00	1.2
FRB	115.69	6	ePKP	52	34.00	-0.6	PAG	1.09	273	eP	11	54.70	-1.5	RIV	24.00	186	eP	17	55.00	1.8
BDW	116.22	41	ePKP	52	37.00	0.3				S	12	05.40		STK	24.79	206	eP	18	01.00	0.0
	1.0s		4.00nm				BPA	1.65	311	iPd	12	03.25	-1.0		0.5s	31.00nm				5.1mb
RSSD	119.04	37	iPKP	52	41.50	-0.5				S	12	19.70		YOU	24.85	191	eP	18	02.20	0.6
	0.6s		26.23nm					S.D. = 1.6		on	6	of	6 obs.	VUN	24.93	112	eP	17	47.50	-15.0X
RSON	120.25	26	iPKP	52	43.10	-0.7								GUA	25.00	338	e(P)	18	04.90	1.8
	0.5s		38.20nm				FEB 25, 1985 11h 12m 40.63± 0.14s								1.8s	1418.18nm				6.3mb
GOL	120.46	42	iPKP	52	45.50	0.6	9.877 S ± 3.1km 154.135 E ± 2.9km							KNA	25.40	254	iPc	18	07.40	0.5
	0.8s		46.13nm				DEPTH = 33.0km (normal)							CAN	25.76	190	eP	18	11.00	0.9
GLD	120.53	42	ePKP	52	46.00	1.1	5.9mb (25 obs.) 5.1Msz (6 obs.)							AAI	26.47	282	ePc	18	16.00	-0.8
ALQ	121.88	48	ePKP	52	48.00	0.4	DENTRECASTEAUX ISLANDS REGION (194)								1.2s	3.20nm				3.8mb X
	1.0s		15.00nm				FAULT PLANE SOLUTION: P-Waves							WAM	26.63	190	eP	18	17.40	-0.7
			e	53	34.00		NP1:Strike=340 Dip=70 Slip= 147							ADE	28.68	207	iPc	18	36.30	-0.4
LHC	124.00	26	ePKP	52	51.00	0.0	NP2: 83 59 23								0.8s	50.75nm				5.3mb
	0.6s		74.00nm				Principal Axes:							BFD	29.13	199	eP	18	41.00	0.3
SCH	124.62	7	ePKPc	52	51.60	-0.5	T Plg=37 Azm=298							WBN	30.69	235	iPc	18	54.10	-0.7
	0.5s		28.00nm				P 7 33							DAV	33.07	300	eP	19	16.90	1.3
LTX	126.40	53	ePKP	52	57.50	1.0	Comment: The focol mechonism is										eS	24	42.00	
KIC	127.90	278	ePKP	52	45.70	-13.9X	poorly controlled and							KRP	33.92	149	eP	19	23.00	0.2
			i	52	59.70		corresponds to strike-slip							MKS	34.66	275	ePd	19	30.00	0.5
TUL	128.88	41	ePKP	53	02.00	1.2	foulting with o lorge reverse							MBL	34.82	247	eP	19	30.00	-0.8
	0.7s		27.00nm				component. The preferred foult							GNZ	35.75	147	P	19	37.80	-0.7
JCT	128.90	49	iPKP	53	02.10	1.0	plane is not determined.							MSZ	36.65	163	P	19	46.00	0.0
	1.0s		75.00nm				MOMENT TENSOR SOLUTION							MEK	37.50	239	iPd	19	52.80	-0.6
RLO	129.23	41	ePKP	53	02.10	0.6	Dep 14 No. of sto: 5							NAU	39.05	246	eP	20	06.00	-0.4
FVM	130.92	36	ePKP	53	05.00	0.3	Moment Tensor; Scale 10**24 d-cm							KLB	40.02	232	iPd	20	13.40	-0.9
OTT	131.63	18	ePKP	53	06.00	0.3	Mrr= 0.52 Mtt=-0.12							BAL	40.45	234	eP	20	17.00	-0.9
	0.5s		18.00nm				Mff=-0.40 Mrt= 0.31							MRWA	40.51	236	eP	20	18.00	-0.4
MNT	132.15	16	ePKP	53	06.50	-0.2	Mrf= 0.78 Mtf= 1.18							MAN	40.85	306	eP	20	22.00	0.8
RFA	143.75	163	ePKPc	53	26.20	-2.2	Principal axes:							NWAO	40.98	230	eP	20	22.00	-0.2
PCH	144.17	160	iPKPd	53	27.80	-1.4	T Val= 1.52 Plg=38 Azm=313								Z 18s	2.00um				5.0Msz
BACH	144 42	160	ePKP	53	29.50	-0.1	N 0.01 49 156								N 18s	0.70um				
PEL	144.54	159	iPKPc	53	29.50	-0.3	P -1.53 12 52								E 18s	1.70um				
TCA	148.01	167	ePKPc	53	36.80	1.2	Best Double Couple:Mo=1.5*10**24							TRT	41.05	270	iPc	20	22.60	-0.4
			e	53	39.90		NP1:Strike=100 Dip=54 Slip= 21							MUN	41.38	232	eP	20	25.00	-0.5
VCA	149.42	160	ePKPd	53	44.00	6.0X	NP2: 357 73 143							BAG	42.24	308	eP	20	32.50	-0.4
SLA	154 03	161	ePKPd	53	46.80	2.1	CENTROID, MOMENT TENSOR (HRV)								1.7s	1161.54nm				6.3mb
VAO	155.40	202	ePKP	53	49.10	2.6X	Dato Used: GDSN										eS	26	57.00	
			e	54	14.90		L.P.B.: 10S, 16C							OYM	47.20	343	eP	21	10.70	-1.6
TPZ	155.67	152	PKPd	53	52.00	4.7X	Centroid Locotion:							SRY	47.37	343	eP	21	11.20	-2.3
YJA	156.39	159	ePKPd	53	50.20	1.8	Origin Time 11:12:38.7 1.0							TSK	47.71	345	eP	21	14.80	-1.4
ARE	158 06	139	ePKP	53	59.00	8.7X	Lot 10.26S 0.08 Lon 154.12E 0.09							DDR	47.75	344	eP	21	16.00	-0.7
LPB	160.09	146	PKP	53	54.00	1.3	Dep 13.7 3.9 Holf-durotion 1.7							MAT	48.54	343	iPd	21	20.90	-1.8
			i	54	37.00		Moment Tensor; Scole 10**24 D-CM								1.7s	192.31nm				5.9mb
			SS	10	10.00		Mrr=-1.33 0.08 Mtt= 1.20 0.11								Z 20s	1.42um				4.9Msz
			eLR	31	38.00		Mff= 0.13 0.11 Mrt=-0.42 0.31										eS	28	25.00	
BCG	161 89	75	ePKP	53	56.00	1.5	Mrf=-0.70 0.33 Mtf= 0.35 0.08							SHK	48.63	336	ePc	21	23.40	0.0
SCB*	161.98	239	ePKP	54	03.40	9.3X	Principal Axes:							QZH	48.98	316	eP	21	26.00	-0.1
			e	54	49.30		T Val= 1.45 Plg=13 Azm=158										S	28	34.00	
BAC	162.40	208	e(PKP)	53	56.00	1.4	N 0.19 16 64							HKC	50.57	310	eP	21	40.00	1.6
UAV	163.08	59	ePKP	53	56.40	0.9	P -1.64 69 285							SSE	51.56	323	eP	21	45.00	-0.8
	0.9s		123.10nm				Best Double Couple:Mo=1.5*10**24								1.8s	291.00nm				5.9mb
SDV	163.37	57	ePKP	53	52.80	-2.9	NP1:Strike=269 Dip=35 Slip= -61								Z 20s	2.00um				5.1Msz
	S.D. = 1.2		on 161	of	184	obs.	NP2: 54 60 -109								E 20s	1.50um				
																	eS	29	14.00	
* FEB 25, 1985 09h 52m 32.79± 1.41s							ALOA	3.72	263	iPd	13	38.10	0.9	GZH	51.64	310	eP	21	47.50	0.9
43.154 N ±17.3km 18.136 E ±15.1km							PAA	3.80	21	eP	13	35.00	-3.3X	KGM	51.96	280	ePc	21	49.20	0.1
DEPTH = 10.6km (geophysicist)							BGA	3.84	16	eP	13	35.50	-3.5X	NJ2	53.63	322	Pc	22	01.80	0.7
YUGOSLAVIA (383)										eS	14	38.00		PPI	54.26	277	eP	22	05.20	-0.9
ML 2.6 (TTG).							VSG	5.54	84	eP	14	02.00	-0.9	IPM	54.82	283	ePd	22	09.20	-1.1
							SVO	5.65	83	eP	14	05.00	0.5		1.0s	53.30nm				5.5mb
BRY	0.39	130	ePg	52	40.00	-0.9	HNR	5.75	86	eP	14	04.00	-1.9	WHN	55.45	318	Pc	22	15.60	1.0
			eSg	52	49.00					eS	15	04.00		SNG	55.93	286	eP	22	18.00	-0.3

PSI 56.38 280 eP 22 20.00 -1.6
1.6s 166.50nm 5.8mb
TIA 57.58 325 Pd 22 28.20 -1.5
S 30 30.00
LOE 58.45 297 eP 22 35.00 -1.1
GYA 58.56 309 P 22 36.40 -0.5
SNY 58.60 334 iPc 22 35.80 -0.9
S 30 41.00
MDJ 58.61 340 eP 22 35.00 -1.7
eS 30 40.00
NST 59.19 295 eP 22 41.00 -0.2
CN2 59.45 336 Pc 22 40.00 -2.6
S 30 54.00
SS 34 56.00
KHT 60.26 293 eP 22 48.90 0.3
BSI 60.55 282 ePc 22 50.00 -0.6
0.8s 104.30nm 6.0mb
BDT 60.78 296 eP 22 51.70 -0.4
BJI 60.84 327 Pc 22 51.00 -1.1
eS 31 06.00
KMI 60.96 306 Pc 22 53.50 -0.1
S 31 19.00
XAN 61.22 318 Pd 22 53.50 -1.4
TIY 61.34 323 eP 22 54.70 -1.0
CHG 61.43 298 iPd 22 57.00 0.4
1.0s 76.50nm 5.8mb
eS 31 28.00
CD2 63.06 312 iPc 23 07.10 -0.2
eS 31 40.00
BTO 64.65 324 eP 23 17.40 -0.2
LZH 65.80 317 Pd 23 25.00 -0.1
2.0s 226.00nm 5.9mb
ADK 66.45 19 eP 23 29.10 0.3
GTA 70.28 318 Pd 23 53.40 0.4
LSA 72.22 306 P 24 05.30 0.0
PKI 76.18 302 iPd 24 27.60 -0.5
1.5s 420.00nm 6.2mb
KKN 76.36 302 iPd 24 28.60 -0.4
DMN 76.44 302 iPd 24 29.60 0.1
HYB 79.42 290 ePd 24 45.50 -0.3
0.8s 50.00nm 5.6mb
GBA 79.60 286 P 24 48.00 1.4
1.3s 89.70nm 5.6mb
WMQ 80.36 318 iPc 24 50.00 -0.3
SVW 80.96 22 eP 24 53.90 0.8
TTA 82.00 21 eP 24 59.00 0.5
NDI 83.42 301 iPc 25 05.50 -1.0
PME 83.81 24 eP 25 07.30 -0.5
0.8s 41.10nm 5.6mb
POO 84.04 290 iPc 25 10.00 0.2
1.5s 288.89nm 6.2mb
IMA 84.79 19 eP 25 12.70 -0.1
TOA 85.21 24 eP 25 14.50 -0.4
COL 86.09 21 iP 25 18.20 -0.9
0.8s 57.09nm 5.9mb
Z 21s 1.43um 5.3Msz
FBA 86 09 21 eP 25 18.20 -0.9
0.8s 50.50nm 5.8mb
PNL 86.97 28 eP 25 24.20 0 7
KSH 87.21 311 Pd 25 27 00 1.7
BRW 87.32 14 eP 25 25.30 0.3
WDC 91.33 49 eP 25 45.50 1.1
ORV 91.91 50 eP 25 48.00 0.9
PRI 91.91 54 eP 25 49.30 1.9
MIN 91.98 50 eP 25 48.20 0.5
JAS1 92.43 52 eP 25 50.60 1.0
QUE 92.49 300 eP 25 50.50 0.2
eS 29 40.00
INK 92.70 21 ePd 25 49.70 -0.5
MNA 94.27 52 eP 26 00.20 1.9
EUR 96.11 51 iP 26 07.20 0.4
0.2s 27.35nm 6.4mb
MBC 98.69 14 eP 26 17.00 -0.3
YKA 99.26 28 eP 26 21.30 1.2
YKC 99.32 28 eP 26 21.00 0.6
2.0s 73.00nm 5.9mb
EDM 99.33 38 eP 26 20.00 -0.8
BDW 101.24 48 ePdiff 26 29.50 -0.4
1.0s 2.20nm 4.7mb X
BUL 118.66 241 iPKPc 31 27.80 -0.2
0.7s 4.45nm
ipP 32 45.00
KRI 119.06 245 ePKP 31 34.00 5.2X
i 32 50.00
PEL 119.58 137 iPKPc 31 29.90 0.6
iS 31 47.30
NB2 122.11 340 PKP 31 33.00 -0.2

1.4s 24.30nm
TCA 124.72 139 ePKPd 31 38.70 -0.5
S 31 54.00
KRA 124.96 326 ePKP 31 39.10 0.1
SPC 125.23 325 ePKP 31 39.80 0.0
KSP 126.51 328 ePKP 31 42.00 0.0
ZST 127.52 325 ePKP 31 44.00 0.0
e(Sg) 46 44.00
TPZ 127.65 127 PKP 31 51.20 5.6X
BRG 127.69 329 iPKPc 31 48.80 4.5X
1.6s 48.00nm
SKO 127.72 316 e(PKP) 31 45.00 0.4
CLL 127.90 330 ePKPc 31 44.00 -0.6
2.3s 92.00nm
PRU 127.91 328 PKP 31 45.00 0.3
KHC 128.93 328 iPKPc 31 47.00 0.3
1.4s 44.00nm
i 31 54.40
MOX 129.00 330 ePKP 31 46.00 -0.8
1.5s 2.00nm
ePP 33 50.00
WET 129.29 328 iPKPc 31 47.60 0.2
1.6s 30.00nm
YJA 129.75 130 ePKPd 31 49.00 -0.6
GRF 129.80 329 iPKPc 31 48.60 0.3
Z 21s 0.40um 5.1Msz
LJU 130.16 324 ePKP 31 49.20 0.1
eS 35 12.20
VOY 130.54 324 ePKP 31 48.90 -1.1
CNCB 130.63 122 PKP 31 52.00 0.5
LPB 130.66 122 PKP 31 53.00 1.6
eLR 14 24.00
ZOBO 130.77 121 ePKP 31 51.10 -0.7
1.2s 28.72nm
Z 22s 0.24um 4.8Msz
WLF 132.26 332 PKP 31 54.10 1.2
BSF 133.23 330 ePKP 31 55.50 0.5
HAU 133.33 331 ePKP 31 55.70 0.6
LOR 135.04 331 ePKP 31 59.20 0.8
LBF 135.19 331 iPKPc 31 59.70 1.0
SSF 135.35 332 iPKPc 32 00.00 1.1
SMF 135.49 331 iPKPc 32 00.20 1.0
BNG 135.63 266 iPKPc 31 47.30 -13.2X
0.7s 17.00nm
id 32 00.60
ic 33 33.90
id 33 36.00
LDF 135.78 336 iPKPc 32 02.20 2.5X
FLN 135.79 336 iPKPc 32 02.30 2.6X
BGF 136.03 331 iPKPc 32 01.60 1.3
GRR 136.24 336 iPKPc 32 02.90 2.3X
MZF 136.40 331 ePKP 32 02.40 1.4
TCF 136.53 332 iPKPc 32 02.60 1.4
LPF 136.60 336 iPKPc 32 03.60 2.4X
LSF 136.87 332 iPKPc 32 02.70 0.8
MFF 137.35 334 iPKPc 32 03.70 1.0
LGR 141.63 332 ePKP 31 56.50 -14.2X
TOL 144.37 331 ePKP 32 14.50 -1.0
1.2s 3.50nm
MAL 146.96 327 ePKP 32 21.40 1.6
SOB1 155.85 141 ePKP 32 42.00 8.5X
KIC 158.80 262 ePKP 32 37.20 0.1
S.D. = 0.9 on 152 of 166 obs.

* FEB 25, 1985 11h 33m 16.09± 0.98s
7.317 S ± 8.9km 130.407 E ±15.9km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
TANIMBAR ISLANDS REGION (281)

TLE 2.86 55 i(P)c 34 00.30 -0.1
iS 34 27.90
AAI 4.22 328 iPc 34 19.70 -0.1
MTN 5.54 173 eP 34 44.00 5.6X
eS 35 47.00
KNA 8.53 191 eP 35 24.00 3.6X
0.3s 31.00nm 5.9mb X
eS 36 58.00
WRA 13 12 163 Pd 36 21.70 -1 1
0.6s 15.00nm 5.2mb
WB2 13.12 163 eP 36 21.70 -1.2
iS 38 43.00
ISQ 15.99 147 eP 37 00.00 -0.4
eS 39 48.00
ASPA 16.60 169 eP 37 10.00 1.9
eS 40 04.00
CTA 19.93 131 iPd 37 49.10 0.9

0.9s 9.66nm 4.1mb
MEK 22.26 209 eP 38 16.00 4.1X
eS 42 20.00
S.D. = 1.3 on 7 of 10 obs.

* FEB 25, 1985 11h 46m 06.53± 0.73s
44.501 N ± 6.7km 114.190 W ± 6.9km
DEPTH = 10.0km (geophysicist)
WESTERN IDAHO (33)
ML 3.3 (NEIS), 3.3 (BUT). Felt (II) at Challis.

HPI 1.11 135 P 46 26.80 -0.6
LRM 1.81 42 iPnc 46 38.10 0 6
iPg 46 40.60
BUT 1.90 37 ePn 46 39.60 0 2
ePg 46 42.50
eSg 47 08.10
TMI 2.03 125 P 46 41.80 0.4
IMW 2.41 103 P 46 47.70 0.7
SXM 2.67 51 ePn 46 50.70 0.1
ePg 46 56.60
HRY 2.76 36 ePn 46 51.20 -0.6
ePg 46 58.40
MFW 3.29 297 P 46 59.40 0.2
NEW 4.27 333 eP 47 13.00 -0.1
eLg 48 21.00
EUR 5.19 195 iP 47 32.50 6.2X
S.D. = 0.5 on 9 of 10 obs.

? FEB 25, 1985 11h 55m 04.85± 3.55s
17.525 N ±41.0km 61.991 W ±33.5km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)

BPA 0.49 165 iPc 55 14.40 -1.0
S 56 20.60
SEG 1.21 157 eP 55 25.90 0.4
SFG 1.48 149 eP 55 29.00 -0.4
PAG 1.52 169 eP 55 30.50 0.5
S 56 49.30
MGG 1.72 158 eP 55 33.20 0.2
SJG 4.00 279 iPd 56 05.40 -0.1
i 56 51.00
S.D. = 0.7 on 6 of 6 obs.

* FEB 25, 1985 11h 59m 47.88± 0 76s
2.032 S ± 8.6km 120.368 E ±11 7km
DEPTH = 33.0km (normal)
4.5mb (5 obs.)
SULAWESI (268)

PCI 1.24 335 iP 00 08.50 -0.5
iS 00 25.00
MKS 3.29 196 iPd 00 38.00 -0.3
e(S) 01 24.00
e 04 38.00
BKB 3.61 282 ePc 00 42.90 0.0
MNI 5.65 52 eP 01 11.20 -0.6
PSI 21.95 282 ePc 04 36.60 -4.0X
WRA 22.44 143 Pc 04 50.60 5.1X
0.8s 4.80nm 4.0mb
WB2 22.44 143 eP 04 50.30 4.7X
e 08 46.70
MEK 24.50 184 eP 05 06.00 0.4
ASPA 25.19 150 eP 05 17.00 4.9X
KMI 31.95 329 Pc 06 15.00 1.7
CD2 36.38 336 eP 06 50.20 -0.9
BJI 42.04 355 (P) 07 41.00 3.0X
PKI 44.69 314 eP 07 59.00 -1.2
0.7s 4.00nm 4.4mb
KKN 44.91 314 eP 08 01.00 -0.8
1.0s 12.00nm 4.7mb
DMN 44.94 314 eP 08 01.20 -0.9
0.6s 8.00nm 4.8mb
GBA 45.31 291 Pc 08 00.30 -4.6X
0.7s 4.00nm 4 4mb
GTA 45.36 338 eP 08 07.60 2.5
WMQ 54.22 331 P 09 13.20 0.4
S.D. = 1.2 on 12 of 18 obs.

* FEB 25, 1985 12h 02m 12.69± 2 11s
17.830 N ±18.1km 101.706 W ±16.0km
DEPTH = 90.2 ± 18.7 km
3.8mb (5 obs.)
NEAR COAST OF GUERRERO, MEXICO (58)

25d 12h

III	2.20	75	iP	02	47.50	-0.8
			iS	03	20.00	
OXM	2.41	52	iP	02	50.50	-0.8
			iS	03	28.00	
TPM	2.76	65	eP	02	55.50	-0.5
UNM	2.82	58	eP	02	58.50	1.6
TAC	2.85	36	eP	03	04.00	6.7X
			iS	03	45.00	
IIC	3.02	50	eP	03	02.00	2.4X
			iS	03	45.00	
IIT	3.44	69	eP	03	06.00	0.6
VHO	4.78	96	eP	03	24.00	0.1
JCT	12.71	7	eP	05	11.00	-0.4
	0.9s	4.62nm			4.2mb	
ALQ	17.56	347	eP	06	14.00	0.7
	1.0s	4.00nm			3.6mb	
PLM	20.59	322	eP	06	42.00	-4.8X
RVR	21.35	322	eP	06	53.00	-1.2
SBB	22.10	323	eP	07	02.00	0.3
CLC	22.79	325	eP	07	07.00	-1.4
ISA	23.17	323	eP	07	13.00	0.9
BDW	25.75	347	eP	07	36.50	-0.3
	1.0s	2.60nm			3.7mb	
BMN	26.20	332	eP	07	42.00	1.1
	0.9s	1.76nm			3.6mb	
LHC	32.15	16	eP	08	32.50	-1.1
FFC	36.83	360	eP	09	13.00	-0.5
	0.8s	5.00nm			4.5mb	
YKA	45.52	352	eP	10	25.40	0.8
INK	54.29	346	eP	11	32.00	0.6
COL	56.15	338	eP	11	45.00	0.1
S.D. = 0.9		on	19 of	22	obs.	

* FEB 25, 1985 12h 21m 31.63± 1.71s
17.903 S ±17.5km 178.707 W ±12.9km
DEPTH = 659.1 ± 22.8 km
4.5mb (10 obs.)
FIJI ISLANDS REGION (181)

AFI	7.76	60	e(P)	23	37.00	5.8X
			S	24	53.00	
PVC	12.36	269	iPc	24	14.00	0.1
NOU	14.61	250	iPc	24	34.00	-1.2
CTA	33.17	261	iPd	27	18.70	-0.1
	0.8s	26.87nm			4.9mb	
CAN	33.48	232	eP	27	22.60	1.3
YOU	33.57	234	eP	27	23.70	1.6
WAM	33.91	231	iPc	27	25.40	0.6
PMG	34.18	280	eP	27	28.00	0.8
	1.0s	100.00nm			5.4mb	
MDG	36.91	286	eP	27	51.00	1.5
WB2	44.34	260	iPd	28	47.70	-0.6
WRA	44.35	260	Pd	28	47.50	-0.9
	0.3s	4.70nm			4.4mb	
ASPA	44.52	254	iPd	28	49.30	-0.4
	0.6s	151.00nm			5.6mb X	
MTN	48.52	269	eP	29	19.00	-0.8
KNA	50.19	264	iPc	29	31.80	-0.3
WBN	51.08	251	iPd	29	38.10	-0.3
MBL	57.71	256	iPc	30	24.30	-0.2
	0.5s	23.00nm			4.7mb	
MEK	58.23	249	iPd	30	27.30	-0.7
KLB	58.57	244	iPd	30	29.70	-0.5
	0.7s	38.00nm			4.7mb	
NWAO	58.96	242	iPd	30	33.00	0.3
BAL	59.53	245	iPd	30	36.10	-0.4
MUN	59.87	243	eP	30	38.00	-0.7
NAU	61.48	254	eP	30	50.00	0.8
SYP	76.37	47	eP	32	17.00	-0.2
MWC	77.54	48	eP	32	23.00	-0.6
RVP	77.91	48	eP	32	25.00	-0.2
PLM	77.94	49	eP	32	25.00	-0.7
JAS1	77.95	43	eP	32	25.90	0.5
SBB	77.95	47	eP	32	25.00	-0.6
ISA	78.02	46	eP	32	25.00	-0.9
WDC	78.12	40	eP	32	28.00	1.8
ORV	78.18	42	eP	32	26.90	0.4
CLC	78.70	47	eP	32	29.00	-0.4
TPC	78.91	49	eP	32	29.00	-1.5
GLA	79.27	50	eP	32	31.00	-1.4
MNA	79.71	44	eP	32	35.40	0.6
PPI	81.19	272	eP	32	50.50	7.9X
BMN	81 40	43	iP	32	44.00	0.7
	1 0s	7.00nm			4.1mb	
EUR	81.72	44	iP	32	42.20	-2.8
	0.4s	2.77nm			4.1mb	
PNT	84.89	34	eP	33	01.00	0.9
COL	85.86	13	eP	33	04.00	-0.4
	0.7s	8.22nm			4.5mb	
LTX	86.23	58	iP	33	09.20	2.1
ALQ	86.31	52	eP	33	07.50	0.0
	1.1s	6.96nm			4.3mb	
			e	35	23.00	
BDW	87.54	44	iP	33	13.90	0.8
	1.0s	4.00nm			4.1mb	
JCT	89.77	58	eP	33	24.00	0.6
INK	91.95	15	eP	33	33.00	0.5
YKA	94.44	25	eP	33	45.10	1.1
S.D. = 1.0		on	44 of	46	obs.	

FEB 25, 1985 12h 49m 21.41± 0.74s
39.702 N ± 6.6km 23.741 E ± 8.6km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.3 (ATH).

KZN	1.63	292	ePg	49	51.00	0.7
			eSb	50	12.00	
ATH	1.73	181	ePb	49	51.00	-0.6
			ePg	49	54.00	
			eSg	50	18.00	
VAY	1.85	331	iPn	49	57.60	4.2X
MMB	1.89	360	iPd	49	54.00	0.0
			iSg	50	23.00	
PRK	2.01	102	ePg	49	56.50	0.8
KDZ	2.29	32	iPc	50	00.00	0.2
			iS	50	36.00	
PLD	2.51	17	eP	50	04.00	1.1
DIM	2.73	30	eP	50	05.00	-1.0
			Sg	50	46.00	
VTS	2.92	352	iPc	50	08.00	-0.7
JMB	3.50	37	eP	50	25.00	8.1X
			iS	51	10.00	
PVL	3.61	17	eP	50	18.00	-0.4
S.D. = 0.9		on	9 of	11	obs.	

? FEB 25, 1985 12h 55m 46.10± 4.64s
39.671 N ±29.4km 23.818 E ±20.0km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

PAIG	0.28	337	iPgc	55	51.40	-0.5
			iSg	55	55.90	
OUR	0.67	11	iPgc	55	58.80	-0.7
			eSg	56	09.30	
LIT	1.11	293	ePb	56	06.30	-0.6
			eSb	56	22.50	
THE	1.16	326	ePb	56	08.00	0.2
			eSb	56	22.50	
SOH	1.20	343	ePb	56	08.60	0.1
			eSb	56	23.50	
KNT	1.65	335	ePb	56	16.00	0.8
			eSb	56	41.60	
GRG	1.68	320	ePb	56	15.20	-0.5
			eSb	56	38.40	
VAY	1.90	330	ePn	56	20.00	1.1
S.D. = 0.8		on	8 of	8	obs.	

% FEB 25, 1985 15h 19m 10.81± 0.90s
60.533 N ± 6.0km 5.160 E ±12.2km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)

ASK	0.05	161	iPg	19	12.60	-0.4
			iSg	19	13.80	
SUE	0.56	340	iPg	19	22.40	0.2
			eSg	19	29.50	
HYA	0.81	38	ePn	19	26.20	-0.3
			eSn	19	39.80	
ODD	0.95	127	iPnd	19	29.30	0.4
			iSn	19	42.90	
KMY	1.33	178	iPn	19	35.30	0.1
			iSn	19	52.50	
S.D. = 0.5		on	5 of	5	obs.	

? FEB 25, 1985 15h 22m 40.69± 6.03s
39.734 N ±45.6km 23.600 E ±19.0km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

PAIG	0.20	18	ePg	22	44.20	-0.9
OUR	0.67	26	ePg	22	54 70	0 8
LIT	0.93	294	ePg	22	58.50	0.1
THE	1.02	332	ePg	23	00.60	0 6
			eSg	23	15.00	
KNT	1.52	340	ePb	23	03.70	-4.3X
GRG	1.53	324	ePb	23	07.40	-0.6
VAY	1.77	334	ePn	23	14.00	2.5X
S.D. = 1.1		on	5 of	7	obs.	

& FEB 25, 1985 15h 56m 25.05s
61.020 N 150.900 W
DEPTH = 56.1km
SOUTHERN ALASKA (2)
<AGS-P>.

NKA	0.32	211	iP	56	36.26	1.3
SUA	0.45	10	iP	56	35.94	-0.5
			iS	56	44.77	
SPU	0.58	287	iP	56	37.29	-0.5
SLKM	0.61	147	iP	56	37.54	-0.6
			iS	56	47.75	
PMS	0.69	70	iP	56	38.81	-0.3
PWA	0.80	37	iP	56	40.27	-0.2
RDT	0.86	239	iP	56	40.68	-0.7
MPA	0.92	125	eP	56	41.62	-0.4
PTE	0.93	99	iP	56	41.69	-0.4
			eS	56	54.73	
NNL	1.00	191	iP	56	43.52	0.4
SKT	1.01	343	iP	56	42.83	-0.4
			iS	56	56.97	
PME	1.09	55	eP	56	43.63	-0.7
			eS	56	58.30	
SEW	1.17	141	eP	56	44.15	-1.2
			iS	56	59.57	
GHO	1.21	51	iP	56	45.43	-0.7
MSE	1.24	48	iP	56	45.63	-0.9
KNK	1.25	71	iP	56	45.81	-0.7
BRLK	1.26	180	eP	56	45.90	-0.8
PWL	1.26	96	iP	56	45.79	-0.9
			iS	57	02.31	
ILM	1.27	229	eP	56	46.28	-0.5
			iS	57	02.87	
SML	1.47	56	iP	56	48.57	-1.0
GLI	1.86	93	iP	56	52.95	-2.1
SCM	1.90	63	eP	56	54.63	-1.1
PDB	2.05	234	eP	56	56.58	-1.1
			iS	57	21.31	
VZW	2.12	87	eP	56	56.72	-1.9
FID	2.18	95	eP	56	56.41	-3.1
VLZ	2.22	85	eP	56	58.09	-2.0
HIN	2.25	104	eP	56	58.02	-2.5
SVW	2.30	274	iP	56	59.51	-1.7
KLU	2.45	77	eP	57	01.43	-2.0
TOA	2.51	62	eP	57	03.65	-0.6
SGAM	2.84	98	eP	57	05.44	-3.5
COL	4.14	19	eP	57	27.00	-0.3
32 obs. ossociated						

FEB 25, 1985 16h 56m 11.28± 0.58s
36.461 N ± 5.2km 71.158 E ± 3.6km
DEPTH = 228.7 ± 7.1 km
4.4mb (23 obs.)
AFGHANISTAN-USSR BORDER REGION (717)

KSH	4.84	50	iPc	57	25.50	0.3
			iS	58	21.00	
QUE	7.18	211	iPd	57	56.00	1.1
			eS	59	17.00	
NDI	9.29	145	iPc	58	21.50	-0.4
			iS	59	59.00	
MHI	9.41	272	ePn	58	23.00	-0.6
			eSn	59	51.00	
WMQ	14.62	55	P	59	27.00	-1.9
DMN	14.75	123	iPd	59	30.10	-0.6
	0.5s	31.00nm			5.0mb	
KKN	14.75	122	iPd	59	29.90	-0.8
PKI	14.98	122	iPd	59	32.80	-0.8
POO	18.02	172	eP	00	14.20	6.4X
LSA	18.04	106	P	00	09.60	1.1
KER	19.71	271	eP	00	30.00	4.9X
HYB	20.07	159	eP	00	32.00	3.3X
SHL	20.78	116	iP	00	36.20	0.4
GTA	22.75	74	iPd	00	56.80	1.9
			pP	01	38.80	
G8A	23.45	165	Pd	01	02.90	1.4
	0.6s	11.00nm			4.6mb	
CD2	27.60	92	eP	01	40.30	0.8
GYA	31.73	98	P	02	16.00	0.1
BJI	35.25	70	(P)	02	46.00	0.4
NUR	37.93	324	iP	03	08.00	0.1

	0.7s	16.00nm		4.7mb		
KJF	37.99	331 iP	03	08.50	0.3	
	0.8s	20.50nm		4.8mb		
SUF	38.02	328 iP	03	08.80	0.2	
	0.3s	4.90nm		4.6mb		
SPC	38.74	306 e(P)	03	14.10	-0.8	
KRA	38.94	307 iPd	03	16.80	0.5	
SOD	39.83	335 eP	03	23.00	-0.3	
PRU	42.42	307 P	03	45.90	1.1	
BRG	42.75	308 i(P)	03	48.10	0.7	
	0.8s	20.00nm		4.6mb		
VOY	43.27	301 eP	03	52.20	0.4	
CLL	43.31	309 iPd	03	52.70	0.7	
KBA	43.50	303 iPd	03	54.20	0.4	
	0.5s	2.70nm		3.9mb		
MOX	44.24	308 eP	04	00.50	1.1	
NB2	44.49	323 P	04	00.50	-0.7	
	0.6s	9.90nm		4.4mb		
GRA3	44.51	307 eP	04	03.50	1.9	
	0.9s	11.00nm		4.3mb		
OSS	45.73	303 eP	04	11.30	-0.1	
SAX	46.17	304 eP	04	14.80	-0.2	
LLS	46.47	303 eP	04	16.70	-0.6	
SLE	46.65	304 eP	04	18.40	0.0	
GWF	47.02	306 iPd	04	21.60	0.3	
MMK	47.33	302 eP	04	23.80	-0.2	
CVF	47.49	297 eP	04	24.40	-0.6	
DIX	47.70	302 eP	04	26.80	-0.1	
BSF	47.76	305 eP	04	27.10	0.0	
	0.6s	9.70nm		4.4mb		
MEM	47.79	309 P	04	28.00	0.9	
WLF	47.85	307 P	04	28.50	0.9	
HAU	48.02	305 eP	04	29.00	0.0	
	0.5s	4.30nm		4.1mb		
EMS	48.03	303 eP	04	29.30	0.0	
DOU	48.77	308 P	04	35.70	1.0	
FRF	48.81	299 eP	04	34.80	-0.3	
LBF	49.81	304 eP	04	42.20	-0.5	
SMF	49.98	304 eP	04	43.60	-0.4	
	0.6s	10.80nm		4.5mb		
SSF	50.11	304 eP	04	44.60	-0.3	
AVF	50.27	304 eP	04	45.90	-0.3	
	0.6s	7.50nm		4.3mb		
BGF	50.67	304 eP	04	48.70	-0.5	
	0.6s	3.60nm		4.0mb		
MZF	50.93	304 iPc	04	51.30	0.1	
	0.9s	8.10nm		4.2mb		
TCF	51.16	304 iPc	04	53.10	0.2	
	0.8s	6.40nm		4.2mb		
LSF	51.63	304 iPc	04	55.90	-0.5	
	0.6s	5.00nm		4.2mb		
LDF	52.10	307 iPc	04	59.70	-0.1	
FLN	52.29	307 iPc	05	00.60	-0.6	
	0.7s	3.00nm		3.9mb		
GRR	52.63	307 iPc	05	03.10	-0.5	
	0.6s	5.80nm		4.3mb		
MFF	52.65	305 iPc	05	02.90	-0.9	
DAG	54.83	344 iPd	05	18.30	-1.1	
	0.8s	10.45nm		4.5mb		
BNG	57.76	249 iPd	05	39.50	-1.3	
	0.7s	19.00nm		4.9mb		
		id	05	47.10		
MBC	67.37	3 eP	06	43.00	-0.2	
	0.5s	6.00nm		4.6mb		
INK	73.94	9 ePc	07	22.00	-0.5	
KIC	74.91	267 eP	07	27.60	-1.3	
		i	07	29.00		
YKA	81.28	3 eP	08	03.40	0.8	
WRA	81.86	122 Pc	08	05.70	-0.6	
	0.3s	0.60nm		3.8mb		
WB2	81.87	122 eP	08	05.20	-1.2	
	S.D. = 0.8	on 64 of 67 obs				

% FEB 25, 1985 17h 32m 54.29± 0.95s
60.636 N ± 7.4km 5.882 E ± 9.5km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)

ASK	0.37	246 ePg	33	01.00	-0.9	
		iSg	33	07.80		
HYA	0.55	16 ePn	33	05.30	-0.2	
		eSg	33	12.70		
SUE	0.69	308 ePn	33	08.40	0.4	
		iSn	33	18.00		
ODD	0.79	150 iPgd	33	09.00	-0.6	
		iSg	33	19.50		
KMY	1.46	193 ePn	33	22.00	1.3	
		eSn	33	41.50		
	S.D. = 1.3	on 5 of 5 obs.				

FEB 25, 1985 17h 47m 59.25± 0.36s
41.992 N ± 3.6km 142.572 E ± 3.5km
DEPTH = 68.8 ± 3.2 km
5.0mb (50 obs.)
HOKKAIDO, JAPAN REGION (224)
Felt (II JMA) at Hirao, Obihiro and Urakawa.

URA	0.23	43 iPc	48	09.80	-0.2	
		iS	48	16.60		
OBI	1.04	27 iPc	48	18.90	0.4	
		iS	48	32.50		
MRR	1.23	286 iPd	48	21.30	0.4	
		iS	48	36.50		
HAK	1.37	263 Pd	48	23.70	1.0	
		S	48	39.00		
SAP	1.41	320 iPd	48	23.50	0.2	
		iS	48	40.50		
HAC	1.66	209 P	48	29.10	2.3	
		S	48	49.50		
KUS	1.67	53 eP	48	26.00	-0.9	
		S	48	45.70		
ASA	1.78	355 eP	48	29.00	0.6	
		S	48	51.50		
AOM	1.79	229 P	48	31.50	3.0X	
		S	48	54.00		
SUT	1.90	296 eP	48	31.00	0.9	
		S	48	56.60		
RMJ	2.07	341 iPd	48	33.20	0.8	
		iS	48	57.60		
ABJ	2.38	31 eP	48	36.00	-0.7	
		eS	49	02.00		
MRK	2.53	205 eP	48	43.00	4.2X	
		S	49	13.10		
AKI	2.94	220 eP	48	50.00	5.4X	
		eS	49	24.00		
TSK	6.08	199 eP	49	26.30	-2.3	
MAT	6.41	213 iPc	49	34.00	0.9	
	1.0s	35.00nm		4.8mb		
		eS	50	48.00		
DDR	6.54	205 eP	49	34.60	-0.4	
		e	50	49.40		
SRY	6.87	203 eP	49	39.30	-0.2	
KYS	7.04	196 eP	49	40.50	-1.4	
OYM	7.06	203 eP	49	41.20	-0.9	
MDJ	9.82	290 eP	50	20.70	0.7	
SHK	10.76	229 eP	50	34.00	1.2	
CN2	12.69	284 Pc	50	57.00	-1.4	
		pP	51	11.00		
		eS	53	25.00		
SNY	14.15	276 Pd	51	18.80	1.3	
		eS	53	55.00		
BJI	19.99	273 eP	52	26.00	-2.5	
TIA	20.54	262 eP	52	31.80	-2.4	
		pP	52	51.10	95kmX	
NJ2	21.32	250 eP	52	40.30	-1.8	
TIY	23.47	270 eP	53	01.10	-2.2	
BTO	24.42	278 eP	53	11.30	-1.3	
LZH	30.47	272 eP	54	07.00	-0.7	
CD2	32.87	263 eP	54	27.40	-1.2	
GYA	33.21	254 P	54	32.40	0.7	
KMI	36.84	256 Pd	55	03.50	0.8	
WMQ	39.62	292 Pc	55	25.50	-0.1	
BRW	41.53	25 e(P)	55	39.70	-1.1	
IMA	42.01	33 eP	55	44.20	-0.8	
	0.7s	3.60nm		4.3mb		
LOE	42.55	247 eP	55	48.80	-1.0	
LSA	42.86	270 P	55	54.40	1.6	
CHG	43.55	252 eP	55	59.50	1.6	
PWA	43.81	40 e(P)	56	00.80	1.3	
COL	44.48	35 eP	56	04.00	-0.9	
	0.9s	21.85nm		5.0mb		
FBA	44.48	35 eP	56	04.80	-0.1	
	0.8s	16.30nm		4.9mb		
SHL	44.55	265 iP	56	06.00	-0.2	
TOA	45.50	39 eP	56	13.20	0.1	
KHT	46.53	248 eP	56	23.70	2.0	
NNT	47.31	245 eP	56	18.90	-8.9X	
KKN	48.24	272 iPc	56	35.60	0.3	
PKI	48.26	272 P	56	35.80	0.2	
	0.5s	25.00nm		5.4mb		
DMN	48.47	272 iPc	56	37.80	0.7	
	0.6s	45.00nm		5.6mb		
INK	49.61	29 eP	56	43.50	-1.4	

MBC	51.53	18 eP	56	57.00	-2.5	
NDI	53.74	278 iPc	57	16.10	-0.4	
ALE	55.13	4 eP	57	24.00	-2.0	
	1.0s	15.00nm		5.0mb		
PSI	55.25	237 ePd	57	28.40	0.8	
YKA	59.10	32 eP	57	53.90	-0.4	
KEV	59.15	339 eP	57	53.00	-1.5	
YKC	59.16	32 eP	57	54.00	-0.7	
HYB	59.33	266 eP	57	56.30	-0.2	
		e	58	15.00		
QUE	60.41	285 eP	58	04.00	0.0	
		e(S)	01	36.00		
SOD	60.76	336 iP	58	01.50	-4 1X	
DAG	60.93	355 iPd	58	04.00	-2 6	
	0.8s	11.94nm		5 1mb		
WB2	62.09	189 eP	58	13.70	-1 3	
		e	58	32.00		
WRA	62.09	189 Pc	58	14.50	-0.5	
	1.1s	15.60nm		5.0mb		
POO	62.14	270 eP	58	15.70	0.1	
MHI	62.26	295 ePn	58	16.00	-0.3	
		eSn	59	38.00		
KJF	62.47	333 iP	58	16.00	-1.1	
	0.5s	21.10nm		5.5mb		
GBA	62.58	264 Pc	58	18.10	-0.3	
	0.6s	14.90nm		5.3mb		
SUF	63.98	333 iP	58	25.90	-1.1	
	0.5s	14.30nm		5.2mb		
PNT	64.04	46 eP	58	28.00	0.3	
	0.6s	8.00nm		4.8mb		
KOD	64.75	261 eP	58	33.00	0.0	
EDM	64.94	40 ePc	58	32.50	-1.0	
ASPA	65.82	189 eP	58	40.00	0.8	
NEW	66.00	46 eP	58	40.00	-0.3	
NUR	66.02	331 iP	58	38.90	-1.2	
	0.6s	16.90nm		5.2mb		
Z	24s	0.30um		4.4MszX		
MFW	66.70	49 P	58	45.20	0.4	
SES	67.82	42 ePc	58	51.20	-0.6	
ORV	68.70	56 eP	58	57.30	-0.1	
UPP	68.90	334 iP	58	57.00	-1.2	
FFC	69.08	34 eP	58	58.90	-0.5	
	1.0s	12.00nm		4.8mb		
NB2	69.97	337 P	59	03.90	-0.9	
	0.7s	17.70nm		5 1mb		
LRM	70.02	46 eP	59	05.90	0.2	
JAS1	70.36	56 eP	59	09.30	1.7	
BMN	70.75	53 eP	59	11.00	0.9	
	0.8s	1.76nm		4 0mb		
KER	71.60	300 eP	59	22.00	6 7X	
FRB	71.75	14 eP	59	14.00	-1.4	
EUR	72.09	53 iP	59	18.00	-0 2	
	0.2s	8.93nm		5.3mb		
VPEM	73.23	57 P	59	25.30	0.5	
BDW	73.58	47 iP	59	27.10	0.2	
	0.9s	7.01nm		4.6mb		
RSON	75.33	33 iP	59	35.40	-1.1	
	1.0s	5.00nm		4.4mb		
KRA	75.50	326 iPc	59	37.80	0.4	
	0.6s	39.00nm		5.5mb		
		i	59	42.50		
RSSD	75.57	43 eP	59	38.50	0.2	
	1.0s	8.00nm		4.6mb		
KSP	76.36	328 iPc	59	42.60	0.3	
GLA	76.98	57 eP	59	57.20	11.1X	
BRG	77.24	330 iPc	59	46.60	-0.6	
	1.6s	25.00nm		4.9mb		
CLL	77.24	330 iPc	59	47.00	-0.2	
	1.0s	20.00nm		5.0mb		
PRU	77.72	329 P	59	50.80	1.0	
		e	00	06.00		
GOL	77.99	47 eP	59	53.00	1.1	
	1.0s	4.00nm		4.3mb		
GLD	78.04	47 eP	59	54.00	2.0	
	1.0s	24.00nm		5.1mb		
MOX	78.29	331 eP	59	53.00	0.0	
SOP	78.75	326 ePc	59	55.50	0.0	
KHC	78.79	329 iPc	59	56.10	0.3	
	0.9s	15.00nm		4.9mb		
		e	00	14.00		
		e	00	58.00		
WTS	78.84	334 iPd	59	56.50	0.6	
	0.8s	14.00nm		4.9mb		
LHC	79.04	32 eP	59	56.50	-0.5	
GRB2	79.40	330 eP	00	00.10	1 1	
	0.8s	15.00nm		5.0mb		
ENN	80.17	334 eP	00	03.50	0.4	

25d 18h

	0.8s	13.00nm		4.9mb	
SCH	80.36	17 eP	00 04.00	-0.1	
FUR	80.46	329 eP	00 05.60	0.9	
KBA	80.54	328 eP	00 05.50	0.1	
	0.6s	5.80nm		4.7mb	
		id	00 06.00		
		i	00 23.00		
ALQ	80.74	51 eP	00 08.00	1.3	
	1.0s	5.75nm		4.5mb	
VAY	80.93	319 eP	00 08.00	0.7	
SKO	80.99	320 eP	00 08.00	0.4	
VOY	81.17	327 eP	00 07.30	-1.3	
TRI	81.48	326 eP	00 09.40	-0.6	
CDF	81.72	332 eP	00 11.60	0.2	
SLE	81.83	331 ePd	00 12.20	0.3	
SAX	81.95	330 ePd	00 13.30	0.5	
OHR	81.95	320 eP	00 10.80	-1.9	
CTI	82.06	328 eP	00 13.00	-0.2	
ZUL	82.11	331 ePd	00 13.80	0.4	
OSS	82.12	329 ePd	00 14.40	0.8	
BSF	82.38	332 eP	00 14.80	-0.1	
HAU	82.39	332 eP	00 15.00	0.2	
LLS	82.40	330 ePd	00 15.70	0.6	
VDL	82.54	329 ePd	00 16.60	0.8	
MMK	83.47	330 ePd	00 21.20	0.5	
LOR	83.88	333 iPc	00 22.50	0.0	
	0.8s	11.20nm		4.9mb	
FLN	83.94	336 eP	00 22.90	0.2	
LBF	84.09	333 eP	00 23.70	0.2	
	0.7s	9.10nm		4.9mb	
SSF	84.18	333 iPc	00 24.20	0.3	
	0.8s	6.70nm		4.7mb	
GRR	84.39	336 eP	00 25.30	0.4	
	0.9s	9.40nm		4.8mb	
SMF	84.43	333 eP	00 25.60	0.4	
	0.9s	14.70nm		5.0mb	
AVF	84.47	333 iPc	00 25.90	0.5	
	0.8s	21.50nm		5.2mb	
LPF	84.76	336 eP	00 27.20	0.4	
MZF	85.23	333 eP	00 29.80	0.6	
	0.7s	15.30nm		5.2mb	
TCF	85.29	334 eP	00 30.30	0.8	
	0.9s	4.30nm		4.5mb	
LSF	85.55	334 eP	00 31.60	0 8	
	0.7s	9.10nm		5.0mb	
MFF	85.77	335 eP	00 32.60	0.7	
	0.9s	16.30nm		5.1mb	
TUL	85.88	44 eP	00 33.30	0.7	
	1.3s	27.90nm		5.2mb	
RLO	86.08	43 eP	00 34.30	0.7	
LRG	86.28	330 eP	00 35.00	0.6	
	0.8s	13.90nm		5.1mb	
LMR	86.33	330 eP	00 35.00	0.3	
	0.9s	15.60nm		5.1mb	
RJF	86.39	334 eP	00 35.40	0.4	
	0.8s	8.00nm		4.9mb	
CAF	86.54	333 iPc	00 36.60	0.9	
	0.8s	24.70nm		5.4mb	
LFF	86.97	334 eP	00 38.50	0.7	
	0.9s	18.10nm		5.2mb	
LPO	87.04	334 eP	00 39.00	0.8	
	0.6s	7.60nm		5.0mb	
JCT	87.82	50 eP	00 43.80	1.6	
	1.0s	6.00nm		4.7mb	
ITR	146.89	2 ePKP	07 35.20	1.6	
		e	07 54.60		
SOB1	147.21	6 ePKP	07 44.80	10.7X	
	S.D = 1.0	on 140 of 148 obs			

FEB 25, 1985 18h 56m 06.52± 0.46s
34.231 N ± 6 8km 74 417 E ± 7 4km
DEPTH = 33 0km (normal)
4 8mb (9 obs)
SOUTHWESTERN KASHMIR (711)
Felt in the Srinagor oreo.

KSH	5.36	13 eP	57 32.00	5.6X	
		Lg	59 04.00		
NDI	6.03	156 eP	57 36.00	0.3	
		iSn	58 44.50		
QUE	7.50	240 iPc	57 55.20	-1.4	
		eS	59 18.00		
AJM	7.92	180 eP	58 01.00	-1.3	
		iS	59 42.00		
DMN	11.30	123 iPd	58 46.80	-2.2	
	0.7s	39.00nm		5.7mb	
KKN	11.31	122 iPd	58 46.80	-2.3	
MHI	12.37	284 eP	59 03.00	-0.3	
WMQ	14.06	43 P	59 24 00	-1.5	
LSA	14.90	103 P	59 44.10	7.1X	
POO	15.64	182 eP	59 48.60	2.4	
POO	15.64	182 eP	00 01.00	14.8X	
		eS	02 29.60		
HYB	17.15	166 eP	00 08.00	2.7X	
SHL	17.42	115 eP	00 04.00	-4.7X	
GBA	20.72	172 Pc	00 46.40	-0.3	
	0.7s	7.40nm		4.2mb	
GTA	20.95	68 iPc	00 49.90	0.8	
KOD	24.05	173 eP	01 22.00	2.0	
CD2	24.91	89 eP	01 29.30	1.3	
KMI	26.16	103 eP	01 40.00	0.1	
CHG	26.69	119 eP	01 45.50	1.0	
LOE	29.62	118 eP	02 08.80	-2.2	
BJI	33.56	68 eP	02 47.00	1.6	
NUR	41.29	325 iP	03 49.90	-0.1	
SUF	41.31	329 iPd	03 50.20	0.0	
	0.6s	3.80nm		4.3mb	
NB2	47.86	324 P	04 41.30	-1.6	
	0.6s	2.60nm		4.4mb	
DAG	57.71	344 iPc	05 55.20	-0.6	
	0.8s	8.96nm		4.9mb	
BNG	59.57	253 ePd	06 06.00	-3.6X	
	0.6s	5.00nm		4.8mb	
		id	06 12.00		
INK	75.68	10 ePc	07 50.00	0.3	
COL	75.84	17 eP	07 51.00	0.3	
	0.7s	11.99nm		5.0mb	
WRA	78.42	124 Pd	08 06.80	1.1	
	0.7s	12.60nm		5.0mb	
WB2	78.43	124 eP	08 06.30	0.5	
YKA	83.34	4 eP	08 32.20	1.2	
YKC	83.36	4 eP	08 32.00	0.9	
	0.5s	5.00nm		4.9mb	
SPA	124.05	180 ePKP	14 55.50	-6.8X	
	0.9s	11.36nm			
	S.D. = 1.4	on 26 of 33 obs.			

FEB 25, 1985 19h 26m 08.51± 0.69s
36.439 N ± 7.1km 26.575 E ± 6.4km
DEPTH = 156.9 ± 6.2 km
4.3mb (25 obs.)
DODECANESE ISLANDS (369)

NPS	1.41	214 iPnc	26 37.50	-0.5	
		eSn	26 58.50		
ATH	2.75	305 iPnd	26 54.20	0.7	
		ePg	27 03.00		
		eSn	27 28.00		
PRK	2.81	355 iPnd	26 53.10	-1.2	
VLS	5.08	292 ePn	27 23.10	-0.8	
		eSn	28 20.00		
KZN	5.40	317 ePn	27 29.50	1.3	
		eSn	28 32.50		
VAY	5.79	329 ePn	27 35.00	1.7	
OHR	6.49	318 ePn	27 42.90	0.1	
SKO	6.81	326 ePn	27 48.50	1.4	
ORI	8.74	297 ePn	28 10.90	-1.9	
		eSn	29 47.00		
SGO	9.74	298 ePn	28 24.50	-1.4	
		e(Sn)	30 07.00		
TRI	13.37	318 eP	29 11.60	-1.5	
		e	29 17.50		
VOY	13.51	319 eP	29 14.30	-0.7	
		i	29 19.00		
KRA	14.43	343 iPc	29 29.10	2.6X	
	0.6s	31.00nm		4.8mb	
KBA	14.49	321 iPc	29 27.80	0.4	
	0.8s	30.00nm		4.7mb	
		i	29 30 10		
CTI	14.75	315 e(P)	29 31.00	0.4	
KHC	15.84	327 P	29 44.60	0.6	
	0.9s	24.00nm		4.5mb	
OSS	15.97	315 eP	29 46.90	1.1	
LLS	16.73	314 eP	29 56.70	1.6	
ORO	16.73	309 eP	29 54.50	-0.6	
SAX	16.74	316 eP	29 55.70	0.4	
FRF	16.82	301 eP	29 57.40	1.3	
	0.7s	5.70nm		4.0mb	
MMK	16.94	310 eP	29 58 40	0.7	
LRG	16.99	301 eP	29 59.20	1.1	
BRG	17.04	332 eP	29 57.10	-1.5	
DIX	17.29	310 eP	30 01.80	-0.3	
ZUL	17.41	315 eP	30 04.00	0.8	
SLE	17.51	316 eP	30 03.70	-0.6	
EMS	17.59	309 eP	30 04.90	-0.5	
CLL	17.75	331 iPd	30 06.90	-0.1	
	1.3s	17.00nm		4.2mb	
MOX	17.82	328 eP	30 08.00	0.2	
	1.2s	28.00nm		4.5mb	
CDF	18.54	316 eP	30 14.30	-1.4	
GWF	18.67	318 eP	30 16.00	-0.9	
HAU	18.86	314 eP	30 18.00	-0.9	
	0.8s	6.40nm		4.0mb	
SMF	19.77	308 iPc	30 27.00	-1.3	
	0.5s	7.20nm		4.4mb	
LBF	19.82	309 iPc	30 27.90	-1.0	
	0.5s	2.60nm		3.9mb	
WLF	19.85	318 P	30 32.70	3.7X	
LOR	20.01	310 eP	30 29.60	-1.2	
AVF	20.14	308 eP	30 31.30	-0.7	
	0.7s	6.80nm		4.2mb	
SSF	20.15	309 iPc	30 31.30	-0.8	
	0.6s	13.80nm		4.6mb	
CAF	20.37	302 eP	30 34.30	-0.1	
	1.0s	14.80nm		4.4mb	
BGF	20.38	307 iPc	30 33.90	-0.5	
	0.6s	15.30nm		4.6mb	
MZF	20.43	306 iPc	30 35.60	0.7	
	0.8s	4.90nm		4.0mb	
MEM	20.47	320 P	30 36.60	1.3	
TCF	20.69	306 eP	30 37.50	-0.1	
	0.9s	5.80nm		4.0mb	
LPO	20.91	301 eP	30 40.20	0.4	
DOU	20.93	318 Pc	30 41.40	1.5	
LSF	21.13	305 eP	30 41.90	0.0	
	0.8s	3.70nm		3.9mb	
LFF	21.29	301 eP	30 44.30	0.9	
	0.7s	4.80nm		4.0mb	
MFF	22.34	305 eP	30 54.00	0.3	
	0.7s	5.20nm		4.1mb	
FLN	23.28	310 eP	31 02.90	0.1	
	0.7s	8.80nm		4.4mb	
LPF	23.37	308 eP	31 03.60	-0.1	
GRR	23.38	309 iPc	31 03.80	0.0	
NUR	24.12	358 iP	31 10.00	-0.7	
SUF	26.31	360 iP	31 32.50	1.6	
	0.4s	2.30nm		4.2mb	
NB2	26.48	343 P	31 32.20	-0.4	
	0.7s	1.60nm		3.8mb	
BNG	32.69	195 iPc	32 29.60	1.7	
	0.4s	5.00nm		4.6mb	
DMN	49.75	83 P	34 49.00	1.9	
	0.5s	12.00nm		4.8mb	
KKN	49.81	82 P	34 45.60	-1.9	
	0.5s	11.00nm		4.8mb	
PKI	50.00	83 P	34 48.70	-0.4	
GBA	50.72	103 Pd	34 53.80	-0.4	
	0.7s	3.30nm		4 1mb	
	S.D. = 1.0	on 58 of 60 obs.			

* FEB 25, 1985 20h 53m 51.16± 1.60s
4.402 N ± 8.0km 95.297 E ±12.6km
DEPTH = 67.8 ± 15.9 km
4.6mb (3 obs.)
NORTHERN SUMATERA (706)

TSI	3.38	105 ePd	54 43.90	1.2	
		e(S)	55 18.50		
PSI	4.00	115 ePd	54 51.50	0.2	
		e	55 39.50		
IPM	5.71	88 ePc	55 14.70	-0.7	
		eS	56 15.10		
SNG	5.97	62 eP	55 19.00	0.1	
PPI	7.02	133 eP	55 32.70	-0.8	
		e(S)	56 50.50		
KGM	8.35	106 ePc	55 51.90	-0.1	
NNT	9.24	28 eP	56 03.50	-0.7	
KHT	10.82	17 eP	56 26.20	0.6	
LOE	14.38	26 eP	57 16.50	3.8X	
CHG	14.76	14 iPc	57 22.40	4.7X	
	0.9s	10.50nm		4.1mb	
HYB	20.89	310 eP	58 31.00	0.8	
KKN	25.14	339 eP	59 10.00	-1.8	
MEK	38.17	145 eP	01 06.00	0.1	
BJI	40.18	25 eP	01 23.50	1.2	
WRA	45.36	124 Pc	02 04.70	-0.1	
	0.6s	15.80nm		5.1mb	
WB2	45.37	124 iPd	02 04.70	-0.1	
BNG	76.48	273 iPd	05 36.40	0.2	
	0.6s	4.00nm		4.5mb	
YKA	109.50	14 ePKP	12 01.00	-14.2X	

S.D = 0.9 on 15 of 18 obs.

• FEB 25, 1985 21h 54m 56.08± 0.99s
6.862 S ±10.1km 151.044 E ±16.0km
DEPTH = 33.0km (normal)
4.9mb (5 obs.)
NEW BRITAIN REGION (192)

ALOA	3.48	191	eP	55 48.00	-1.2
LMG	3.51	234	eP	55 49.50	-0.4
PMG	4.61	236	eP	56 07.00	1.7
MTN	20.49	252	eP	59 34.00	-0.1
W82	20.77	230	eP	59 36.30	-0.7
WRA	20.78	230	Pd	59 36.30	-0.8
	0.9s	11.30nm			4.3mb
AAI	22.97	277	eP	59 59.20	0.3
ASPA	23.46	223	eP	00 05.00	1.3
KNA	23.54	246	eP	00 05.00	0.6
MEK	36.62	234	iPd	02 01.70	0.2
	0.5s	10.00nm			5.0mb
NAU	37.61	242	iPd	02 10.00	0.2
PKI	72.00	302	eP	06 18.60	-0.8
KKN	72.18	302	eP	06 18.90	-1.4
	0.7s	9.00nm			4.9mb
DMN	72.27	302	eP	06 19.80	-1.1
	0.7s	16.00nm			5.1mb
KOD	75.21	282	eP	06 39.00	0.8
HYB	75.53	290	eP	06 39.00	-0.7
GBA	75.84	286	Pc	06 41.20	-0.2
	0.7s	6.90nm			4.8mb
YKA	98 05	28	eP	08 32.20	2.0

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

• FEB 25, 1985 23h 48m 03.54± 1.00s
33.103 S ±12.4km 70.208 W ± 9.9km
DEPTH = 33.0km (normal)
CHILE-ARGENTINA BORDER REGION (127)

PEL	0.40	264	iPd	48 12.50	-0.3
			iS	48 20.70	
MDZ	1.16	80	iP	48 19.90	-3.7X
RTCV	1.88	49	eP	48 34.10	0.1
			S	49 00.20	
RTCB	2.01	37	eP	48 36.80	1.0
			S	49 04.40	
RFA	2.21	139	iPd	48 39.20	0.6
			S	49 08.80	
RTLL	2.30	40	ePd	48 42.80	2.8X
			S	49 14.70	
VCA	4.68	22	ePd	49 18.00	4.2X
			S	50 27.50	
TCA	5.07	71	iPc	49 18.00	-1.4
			S	50 32.50	

S.D. = 1.3 on 5 of 8 obs.

& FEB 26, 1985 00h 06m 39.51s
62.438 N 153.244 W
DEPTH = 14.0km
CENTRAL ALASKA (1)
<AGS-P>. ML 4.0 (PMR).

SKT	0.93	119	eP	06 55.31	-1.5
			eS	07 07.71	
TTA	1.37	292	iPd	07 02.20	-2.0
SPU	1.38	155	iP	07 03.04	-1.3
			iS	07 21.88	
SUA	1.53	128	eP	07 05.84	-0.7
			eS	07 25.70	
PWA	1.77	115	iP	07 09.10	-0.8
RDT	1.91	168	eP	07 11.17	-0.9
			eS	07 37.83	
NKA	1.95	150	eP	07 14.62	2.1
MSE	2.10	105	eP	07 13.29	-1.4
PMR	2.12	112	eP	07 13.90	-1.0
PMS	2.12	123	eP	07 14.40	-0.6
GHO	2.14	106	eP	07 14.05	-1.2
			eS	07 42.50	
PME	2.15	110	ePc	07 14.40	-0.9
ILM	2.27	175	eP	07 16.21	-1.0
SLKM	2.42	142	eP	07 19.52	0.3
KNK	2.49	112	eP	07 19.97	-0.2
PWL	2.83	122	eP	07 24.67	-0.4
SCM	2.84	100	eP	07 24.80	-0.5
BRLK	2.92	156	eP	07 25.60	-0.7
TOA	3.32	93	ePc	07 32.30	0.2
COL	3.46	42	eP	07 30.00	-4.0
			i	07 39.80	
			eS	08 23.00	
FBA	3.46	42	eP	07 30.50	-3.5
VLZ	3.53	109	eP	07 33.54	-1.5
IMA	3.65	357	iPd	07 34.30	-2.5
KDC	4.72	175	eP	07 51.30	-0.6
BALM	5.37	100	eP	07 58.58	-2.6
AGAM	6.31	106	eP	08 15.35	0.9
DWY	6.44	69	P	08 12.30	-3.9
BRW	9.01	353	eP	08 47.30	-4.6
INK	10.08	46	eP	09 02.00	-4.7
YKA	17.69	73	eP	10 47.30	0.8

30 obs. associated

? FEB 26, 1985 00h 57m 53.53±15.35s
34.625 N ±97.2km 140.018 E ±86.4km
DEPTH = 33.0km (normal)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (III JMA) at Toteyama and (II JMA) on Oshima.

TAT	0.38	341	eP	58 02.00	-0.3
			iS	58 25.60	
OSH	0.54	285	iPd	58 04.70	-0.1
			iS	58 09.70	
YOK	0.86	340	P	58 09.00	-0.2
			S	58 18.00	
TOK	1.08	349	iP	58 12.50	0.2
			S	58 23.60	
MAT	2.41	323	iPd	58 31.70	0.1
			iS	58 57.10	

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

& FEB 26, 1985 01h 02m 56.33s
58.848 N 154.129 W
DEPTH = 106.3km
ALASKA PENINSULA (12)
<AGS-P>.

PDB	0.94	358	iP	03 15.92	-1.0
			iS	03 31.32	
KDC	1.40	141	eP	03 20.82	-1.2
			eS	03 40.29	
ILM	1.50	26	iP	03 22.72	-0.6
			iS	03 43.11	
BRLK	1.90	60	eP	03 27.16	-1.2
			iS	03 50.66	
RDT	1.94	26	eP	03 27.96	-1.0
			eS	03 52.21	
SVW	2.39	342	eP	03 33.49	-1.3
NKA	2.40	36	eP	03 34.30	-0.5
SPU	2.56	23	eP	03 35.91	-1.2
SLKM	2.59	48	eP	03 36.01	-1.5
SEW	2.70	60	eP	03 37.90	-1.0
MPA	2.93	54	eP	03 40.70	-1.2
SUA	3.12	31	eP	03 43.67	-1.1
			eS	04 19.56	
PTE	3.27	50	eP	03 44.73	-1.9
PMS	3.32	42	eP	03 45.88	-1.5
SKT	3.40	21	eP	03 46.65	-1.7
PWA	3.52	35	eP	03 48.61	-1.4
PWL	3.55	53	eP	03 48.22	-2.3
KNK	3.83	45	eP	03 51.98	-2.3
GHO	3.91	39	eP	03 52.72	-2.7
MSE	3.95	38	eP	03 53.51	-2.5
CFI	3.96	51	eP	03 54.03	-2.0
GLI	4.09	57	eP	03 54.90	-2.9
SML	4.14	42	eP	03 55.76	-2.7
HIN	4.17	65	eP	03 57.03	-1.9
FID	4.31	60	eP	03 57.55	-3.3
VZW	4.41	57	eP	03 59.44	-2.8
SCM	4.51	46	eP	04 01.27	-2.4
VLZ	4.54	56	eP	04 01.25	-2.6
SGAM	4.82	66	eP	04 05.39	-2.4
KLU	4.88	54	eP	04 06.21	-2.5
TOA	5.11	47	eP	04 09.95	-2.0
BALM	6.31	65	eP	04 26.11	-2.4
YAH	6.47	71	eP	04 28.93	-1.8

33 obs. associated

? FEB 26, 1985 02h 20m 42.92± 5.30s
76.111 N ±80.5km 12.776 E ±71.2km
DEPTH = 10.0km (geophysicist)
4.5mb (2 obs.)
SVALBARD REGION (643)

DAG	7.38	290	eP	22 33.00	-0.2
KJF	12.92	150	eP	23 50.00	1.0
SUF	14.18	154	iP	24 04.80	-0.8
	0.6s	3.10nm			4.2mb
NUR	16.21	159	eP	24 31.00	-0.9
			i	24 42.70	
KHC	27.08	179	P	26 28.00	0.9
SPC	27.19	169	eP	26 31.30	3.0X
BNG	71.69	174	iPc	32 09.20	2.7X
	0.5s	4.00nm			4.8mb

S.D. = 1.3 on 5 of 7 obs.

FEB 26, 1985 02h 44m 06.90± 0.64s
32.575 N ± 5.6km 47.366 E ± 3.1km
DEPTH = 42.5 ± 5.9 km
4.9mb (35 obs.) 3.5Msz (1 obs.)
IRAN-IRAQ BORDER REGION (346)
Felt in the Dehloran area, Iran.

KER	1.79	353	iPc	44 37.80	1.9
			eS	45 03.50	
BHD	2.60	286	ePnd	44 48.00	0.6
			ePg	44 55.00	
			i	44 59.30	
			iSn	45 19.00	
			iSg	45 29.00	
			i	47 18.00	
TEH	4.59	45	eP	45 17.00	1.2
MSL	5.15	319	iPnd	45 22.00	-1.6
			iP•	45 34.50	
			iPg	45 42.50	
			iSn	46 20.00	
			iS•	46 33.50	
			iSg	46 52.50	
SHI	5.30	122	eP	45 26.00	0.1
TAB	5.55	351	eP	45 29.00	-0.3
RTB	5.97	277	ePnc	45 33.00	-2.1
			iSn	46 39.00	
			iSg	47 12.00	
KHI	9.56	78	eP	46 23.70	-1.5
MHI	10.68	66	eP	46 40.00	-0.4
			eS	48 16.00	
QUE	16.89	93	eP	48 07.00	5.0X
			eS	51 29.00	
PRK	18.32	297	eP	48 20.00	0.6
DIM	19.69	305	eP	48 34.00	-1.4
KDZ	19.71	304	iPc	48 34.00	-1.6
ATH	20.02	292	eP	48 39.00	0.1
PLD	20.33	304	iP	48 42.00	0.0
PVL	20.40	308	iPd	48 43.00	0.3
ISR	20.43	314	eP	48 44.00	0.9
MMB	20.84	302	iPd	48 47.00	-0.4
MLR	20.98	314	eP	48 50.00	1.2
CMP	21.42	313	ePd	48 54.00	0.0
VTS	21.54	305	ePg	48 55.00	0.7
VAY	21.60	301	eP	48 54.60	-0.3
KZN	21.94	298	eP	49 01.00	2.5X
VLS	22.50	292	eP	49 05.00	1.1
SKO	22.59	302	iP	49 06.50	1.7
			eS	53 20.00	
OHR	22.84	299	eP	49 07.40	0.1
			eS	53 11.40	
BEO	24.18	308	iP	49 21.00	0.8
JOS	25.67	316	iPc	49 35.20	0.8
	1.0s	34.50nm			4.9mb
NDI	25.94	91	eP	49 37.70	0.7
	0.5s	14.08nm			4.8mb
SPC	26.18	317	eP	49 40.50	1.2
SRO	26.71	313	eP	49 46.00	2.1
KRA	26.78	319	ePc	49 44.50	-0.1
			i	49 46.90	
			e	49 52.40	
SGO	26.84	296	eP	49 47.00	1.8
ZST	27.61	313	eP	49 52.10	0.0
			e	50 17.20	
DUI	27.63	299	eP	49 54.00	1.7
SOP	27.75	312	ePc	49 53.20	-0.2
AQU	28.51	300	eP	50 06.50	6.1X
LJU	28.52	308	eP	50 01.20	0.8
			e	50 57.00	
VOY	28.95	307	iPc	50 04.50	0.2
			i	50 20.60	
TRI	28.95	307	e(P)	50 04.40	0.2
			e(S)	55 00.00	
MNS	29.04	300	eP	50 05.00	-0.1
KSP	29.21	318	eP	50 06.50	0.0
KBA	29.61	309	iPc	50 10.30	-0.1
	0.8s	10.00nm			4.6mb
			ipP	50 27.20	71kmX

26d 02h

isP 50 36.40
PRU 29.86 315 eP 50 12.50 0.1
Z 14s 0.60um 4.4MszX
KHC 30.12 313 P 50 15.00 0.2
e 50 32.80
CTI 30.46 307 iPc 50 18.00 0.1
BRG 30.56 317 e(P) 50 18.00 -0.5
SAL 31.13 306 eP 50 24.50 0.9
FUP 31.26 311 iPc 50 24.50 -0.3
0.8s 76.00nm 5.5mb
CLL 31.28 317 iPd 50 25.10 0.2
1.4s 23.00nm 4.8mb
OSS 31.63 307 eP+ 50 28.40 0.2
NUR 31.68 339 iP 50 27.10 -1.1
Z 17s 1.10um 4.6MszX
GRF 31.76 313 iPc 50 29.10 0.0
0.9s 22.00nm 5.0mb
Z 18s 0.10um 3.5Msz
HYB 31.90 111 eP 50 31.00 0.4
VDL 32.04 307 eP+ 50 32.00 0.2
SAX 32.29 308 eP+ 50 33.30 -0.7
LLS 32.43 307 eP+ 50 34.40 -0.8
DMN 32.91 89 iPc 50 40.00 0.3
0.5s 15.00nm 5.1mb
SLE 32.97 309 eP+ 50 38.70 -0.9
ZUL 32.97 308 eP+ 50 39.00 -0.7
MMK 32.98 306 eP+ 50 39.80 -0.2
KKN 33.00 88 iPc 50 40.80 0.4
SUF 33.05 342 iP 50 39.50 -0.6
0.6s 10.10nm 4.9mb
PKI 33.18 89 iPc 50 42.20 0.1
0.7s 20.00nm 5.1mb
GBA 33.31 117 P 50 49.00 6.1X
1.0s 5.70nm 4.4mb
DIX 33.36 306 eP+ 50 42.80 -0.6
COP 33.53 324 iPd 50 45.10 0.8
0.7s 27.40nm 5.3mb
UPP 33.64 333 iP 50 44.60 -0.6
KJF 33.92 343 eP 50 47.00 -0.7
ROF 34.00 308 iP 50 47.60 -1.0
BSF 34.10 309 eP 50 48.80 -0.8
1.0s 4.90nm 4.4mb
HAU 34.43 309 eP 50 51.60 -0.7
1.2s 74.90nm 5.5mb
WLF 34.91 312 Pc 50 55.70 -0.7
WTS 35.14 316 eP 50 59.50 1.3
0.7s 7.00nm 4.7mb
e 51 05.50
e 51 13.00
MUD 35.51 324 iPd 51 02.70 1.4
0.7s 12.20nm 4.9mb
LBF 35.84 307 eP 51 03.80 -0.6
1.2s 12.10nm 4.7mb
SMF 35.89 306 iPc 51 04.20 -0.5
0.8s 39.40nm 5.4mb
LOF 35.96 307 iPc 51 04.50 -0.8
0.8s 8.00nm 4.7mb
DOU 35.99 312 P 51 05.60 0.1
SSF 36.17 307 iPc 51 06.60 -0.5
0.9s 30.10nm 5.2mb
AVF 36.24 306 eP 51 07.10 -0.6
1.0s 16.60nm 4.9mb
BGF 36.56 306 eP 51 10.00 -0.4
0.9s 13.60nm 4.9mb
NB2 36.88 331 P 51 12.00 -0.9
0.8s 5.00nm 4.5mb
SOD 36.90 347 iP 51 13.00 0.1
TCF 36.97 305 eP 51 13.90 0.1
1.2s 10.60nm 4.6mb
MFF 38.62 305 eP 51 26.80 -0.8
0.9s 9.80nm 4.6mb
LCF 38.79 309 eP 51 28.90 -0.1
BNG 38.86 230 iPd 51 30.20 0.3
1.0s 25.00nm 5.0mb
id 51 35.20
ic 51 47.90
FLN 39.04 309 eP 51 30.40 -0.7
0.8s 10.70nm 4.7mb
GRR 39.25 308 eP 51 32.20 -0.7
0.9s 28.30nm 5.1mb
SHL 39.31 88 iP 51 31.80 -2.1
LPF 39.34 308 eP 51 32.90 -0.7
0.9s 15.10nm 4.8mb
LGR 40.26 299 eP 51 38.50 -2.8X
TOL 41.63 295 eP 52 05.00 12.4X
DLE 43.36 315 iPc 52 06.80 0.4
0.7s 25.00nm 5.1mb

DMU 43.64 316 iPc 52 09.00 0.2
0.7s 30.00nm 5.2mb
DCN 43.80 315 iPc 52 10.50 0.5
0.7s 27.00nm 5.1mb
CHTO 48.03 93 eP 52 44.50 0.4
1.0s 2.75nm 4.2mb
DAG 53.12 345 iPd 53 21.00 -1.0
0.6s 4.00nm 4.6mb
BUL 55.40 202 iP 53 40.30 0.8
1.1s 11.39nm 4.8mb
ALE 60.43 352 eP 54 13.50 -0.4
0.7s 4.00nm 4.7mb
MBC 71.12 357 eP 55 22.00 -0.3
FRB 71.59 335 eP 55 25.00 -0.3
SCH 76.29 327 eP 55 53.00 0.3
INK 79.44 0 eP 56 10.00 0.3
COL 82.12 6 eP 56 25.00 1.0
S.D. = 0.8 on 100 of 106 obs.

* FEB 26, 1985 03h 34m 40.64± 1.31s
32.921 N ±15.9km 47.484 E ± 8.5km
DEPTH = 85.9 ± 9.8 km
4.7mb (4 obs.)
IRAN-IRAQ BORDER REGION (346)

KER 1.46 348 eP 35 06.00 -0.2
BHD 2.62 279 ePc 35 22.00 0.3
eS 35 58.00
i 36 50.00
TAB 5.22 350 eP 36 22.00 24.0X
NUR 31.39 338 eP 40 51.00 -4.1X
SUF 32.75 342 iP 41 08.30 1.4
0.5s 1.80nm 4.1mb
KKN 32.89 89 eP 41 09.20 0.3
0.6s 14.00nm 5.0mb
PKI 33.07 89 eP 41 10.20 -0.3
0.7s 9.00nm 4.7mb
KJF 33.62 344 eP 41 10.00 -4.4X
SMF 35.77 306 iPc 41 32.60 -0.4
0.6s 4.80nm 4.6mb
LOR 35.83 307 eP 41 33.80 0.2
SSF 36.05 306 eP 41 35.20 -0.1
SOD 36.59 347 eP 41 39.00 -0.6
FLN 38.90 309 eP 41 58.90 -0.4
GRR 39.12 308 eP 42 00.90 -0.1
S.D. = 0.7 on 11 of 14 obs.

FEB 26, 1985 04h 12m 33.65± 0.62s
32.588 N ± 4.8km 47.373 E ± 2.6km
DEPTH = 38.6 ± 5.6 km
4.9mb (41 obs.) 3.9Msz (2 obs.)
IRAN-IRAQ BORDER REGION (346)
Felt in the Dehloran area, Iran.

KER 1.77 353 iPc 13 04.60 2.0
eS 13 31.50
BHD 2.60 286 ePn 13 15.00 0.7
ePg 13 22.00
i 13 26.50
iSn 13 48.00
iSg 13 58.00
TEH 4.58 46 eP 13 44.00 1.6
MSL 5.15 318 iPnd 13 49.00 -1.3
iPg 14 12.50
iSn 14 47.00
SHI 5.30 122 eP 13 52.00 -0.6
TAB 5.53 351 eP 13 57.00 1.1
RTB 5.97 277 ePnd 13 59.50 -2.5
iP* 14 10.50
iPg 14 28.00
iSn 15 06.50
iSg 15 40.00
KHI 9.55 78 eP 14 49.50 -2.4
MHI 10.67 66 eP 15 07.00 -0.2
ELL 14.96 291 ePn 16 07.80 3.6X
QUE 16.89 93 eP 16 32.00 3.1X
eS 19 48.00
PRK 18.32 297 eP 16 46.50 0.1
KDZ 19.71 304 iPc 17 02.00 -0.7
ATH 20.03 292 eP 17 07.00 1.0
CGN 20.29 311 eP 17 08.50 -0.2
PVL 20.39 307 iPc 17 09.00 -0.8
ISR 20.43 314 eP 17 11.00 0.8
VRI 20.70 316 eP 17 12.00 -0.9
MMB 20.84 302 iPd 17 14.00 -0.5
MLR 20.97 314 eP 17 17.00 1.2
CMP 21.42 313 ePc 17 20.00 -0.2

VTS 21.54 305 eP 17 21.00 -0.4
VAY 21.60 301 eP 17 21.50 -0.5
KZN 21.94 298 eP 17 28.00 2.4X
VLS 22.50 292 eP 17 31.00 -0.1
SKO 22.59 302 iP 17 34.00 2.1
eS 21 53.00
OHR 22.84 299 eP 17 34.50 0.1
eS 21 18.50
KSH 24.07 65 eP 17 46.00 -0.5
JOS 25.67 316 iPc 18 02.60 1.1
0.9s 32.00nm 4.9mb
NDI 25.93 91 iPc 18 04.80 0.7
0.6s 20.00nm 4.9mb
SPC 26.17 317 eP 18 07.00 0.6
SRO 26.70 313 eP 18 13.00 2.0
KRA 26.78 319 iPc 18 12.00 0.4
0.8s 37.00nm 5.1mb
e 18 14.20
i 18 21.30
SGO 26.84 296 eP 18 14.00 1.7
POO 27.59 114 eP 18 25.50 6.1X
DUI 27.63 299 eP 18 21.00 1.6
SOP 27.74 312 iPc 18 20.40 -0.1
2.0s 73.70nm 5.0mb
LJU 28.52 308 eP 18 28.10 0.6
e 19 18.20
VOY 28.94 307 iPc 18 31.30 -0.1
TRI 28.95 307 eP 18 30.70 -0.6
MNS 29.04 300 eP 18 32.50 0.3
KSP 29.20 318 eP 18 34.00 0.4
KBA 29.60 309 IPc 18 37.40 -0.1
0.8s 12.90nm 4.7mb
PRU 29.86 315 eP 18 43.50 4.0X
KHC 30.12 313 P 18 42.40 0.5
CTI 30.46 307 iPc 18 45.00 0.0
BRG 30.56 317 iP 18 45.10 -0.5
1.0s 14.00nm 4.7mb
SAL 31.13 305 eP 18 51.00 0.3
FUR 31.26 311 iPc 18 51.60 -0.3
0.8s 97.00nm 5.7mb
CLL 31.28 317 iP 18 51.80 -0.2
1.3s 20.00nm 4.8mb
OSS 31.62 307 eP+ 18 55.50 0.2
NUR 31.67 339 iP 18 54.60 -0.7
0.7s 9.30nm 4.7mb
Z 18s 0.70um 4.4Msz
GRF 31.76 313 iPc 18 56.20 0.0
1.1s 34.00nm 5.1mb
Z 20s 0.10um 3.5Msz
HYB 31.90 111 eP 18 58.50 0.8
VDL 32.03 307 eP+ 18 59.00 0.1
SAX 32.28 308 eP+ 19 00.40 -0.8
LLS 32.43 307 eP+ 19 01.60 -0.8
DMN 32.90 89 iPc 19 07.20 0.5
0.9s 91.00nm 5.7mb
SLE 32.96 309 eP+ 19 06.20 -0.6
ZUL 32.97 308 eP+ 19 06.40 -0.4
KKN 33.00 88 iPc 19 08.10 0.6
SUF 33.03 342 iP 19 06.80 -0.3
0.7s 17.50nm 5.0mb
PKI 33.17 89 iPc 19 09.60 0.4
0.8s 54.00nm 5.5mb
WMQ 33.31 59 P 19 10.00 0.1
GBA 33.31 118 Pc 19 10.20 0.2
0.5s 4.10nm 4.6mb
DIX 33.36 306 eP+ 19 10.10 -0.4
COP 33.52 324 iPc 19 12.10 0.7
1.0s 60.00nm 5.5mb
UPP 33.63 333 iP 19 11.30 -1.0
EMS 33.69 305 eP+ 19 13.20 -0.1
KJF 33.91 345 iP 19 14.00 -0.8
0.7s 18.70nm 5.1mb
ROF 34.00 308 iP 19 15.00 -0.7
BSF 34.10 309 iPc 19 16.10 -0.6
0.7s 13.20nm 5.0mb
HAU 34.42 309 iPc 19 18.60 -0.8
0.9s 13.10nm 4.9mb
WLF 34.91 312 P 19 22.80 -0.7
WTS 35.13 316 eP 19 26.50 1.2
0.9s 25.00nm 5.1mb
MUD 35.50 324 iPd 19 30.00 1.6
0.7s 12.70nm 5.0mb
LBF 35.84 307 iPc 19 30.90 -0.6
0.9s 6.00nm 4.5mb
SMF 35.89 306 iPc 19 31.40 -0.5
LOR 35.96 307 iPc 19 31.70 -0.8
0.8s 12.00nm 4.9mb

DOU 35.99 312 Pc 19 33.20 0.5
SSF 36.17 307 iPc 19 33.70 -0.5
0.9s 39.30nm 5.3mb
AVF 36.24 306 iPc 19 34.20 -0.6
1.0s 17.50nm 4.9mb
BGF 36.56 306 iPc 19 37.10 -0.4
0.8s 13.60nm 4.9mb
MZF 36.70 305 iPc 19 38.80 0.1
1.0s 11.80nm 4.7mb
NB2 36.87 331 P 19 39.00 -1.0
0.8s 6.60nm 4.6mb
SOD 36.89 347 iP 19 39.70 -0.3
TCF 36.97 305 iPc 19 41.00 0.0
0.8s 3.50nm 4.3mb
RJF 37.37 303 eP 19 44.60 0.2
LFF 37.91 303 iPc 19 48.90 0.1
1.0s 11.10nm 4.7mb
MFF 38.62 305 iPc 19 54.00 -0.8
1.0s 17.60nm 4.8mb
LDF 38.78 309 eP 19 55.60 -0.5
BNG 38.87 230 iPc 19 57.80 0.6
0.8s 18.00nm 4.9mb
ic 20 00.00
ic 20 01.70
ic 20 12.20
FLN 39.04 309 iPc 19 57.70 -0.6
0.8s 16.10nm 4.9mb
GRR 39.25 308 iPc 19 59.50 -0.5
0.9s 26.40nm 5.0mb
SHL 39.30 88 iP 20 00.50 -0.5
LPF 39.34 308 iPc 20 00.20 -0.5
0.9s 21.20nm 4.9mb
GTA 42.47 65 P 20 27.10 0.3
DLE 43.35 315 iPc 20 33.80 0.2
0.7s 29.00nm 5.1mb
DCN 43.79 315 eP 20 37.30 0.2
0.7s 37.00nm 5.3mb
CD2 47.49 76 eP 21 07.20 0.2
CHTO 48.02 93 eP 21 11.50 0.3
KMI 48.61 84 Pc 21 14.00 -1.9
BTO 50.00 62 eP 21 26.60 0.3
XAN 50.76 71 eP 21 31.70 -0.3
AVY 51.22 180 ePd 21 40.80 5.1X
NNT 51.73 100 eP 21 39.50 0.0
KRI 51.99 202 eP 21 44.00 2.4
DAG 53.11 345 iPd 21 48.00 -1.1
0.4s 5.93nm 4.9mb
KIC 54.95 253 eP 22 02.30 -1.1
BUL 55.42 202 iPd 22 07.00 0.2
TIA 56.53 65 eP 22 14.20 -0.3
IPM 57.23 107 ePd 22 18.90 -0.8
CN2 60.26 55 eP 22 39.40 -0.9
ALE 60.41 352 ePc 22 50.20 9.2X
0.8s 7.00nm 4.8mb
KKM 68.95 96 ePd 23 37.50 0.1
MBC 71.11 357 eP 23 49.00 -0.5
0.8s 12.00nm 5.0mb
FRB 71.58 335 eP 23 52.00 -0.5
SCH 76.28 327 eP 24 20.00 0.1
INK 79.43 0 ePc 24 37.00 0.2
COL 82.11 6 eP 24 52.00 0.9
0.8s 5.60nm 4.6mb
YKA 84.15 352 eP 25 02.60 1.0
FFC 89.12 343 ePc 25 26.60 0.4
0.7s 5.00nm 4.9mb
LHC 90.53 333 eP 25 33.00 0.2
SPA 122.41 180 e(PKP) 31 26.70 1.2
S.D. = 0.9 on 117 of 124 obs.

? FEB 26, 1985 04h 14m 30.79± 1.09s
74.528 N ±32.1km 7.279 E ±24.6km
DEPTH = 10.0km (geophysicist)
4.6mb (1 obs.)
GREENLAND SEA (640)

DAG 6.81 301 eP 16 13.00 0.0
KEV 7.69 119 eP 16 26.00 0.7
SOD 9.51 129 eP 16 50.00 -0.6
KJF 12.52 135 iP 17 31.00 -0.5
SUF 13.60 141 iP 17 45.20 -0.6
0.6s 4.10nm 4.6mb
NUR 15.45 146 eP 18 11.00 1.0
S.D. = 0.9 on 6 of 6 obs.

• FEB 26, 1985 04h 27m 11.05± 0.75s
13.180 N ±13.5km 51.025 E ± 7.6km
DEPTH = 10.0km (geophysicist)
4.7mb (5 obs.)
EASTERN GULF OF ADEN (415)

SHI 16.44 5 eP 31 05.00 1.3
KER 21.38 351 ePc 32 04.50 3.4X
KHI 21.99 17 e(P) 32 08.00 0.7
QUE 22.43 39 eP 32 10.00 -1.8
eS 36 27.00
POO 22.58 73 eP 31 58.30 -14.9X
MHI 24.25 17 eP 32 33.00 3.7X
TAB 25.14 351 e(P) 32 50.00 12.1X
GBA 25.69 86 Pd 32 43.60 0.5
1.0s 5.10nm 4.2mb
HYB 26.87 77 eP 32 54.50 0.4
KKN 35.08 60 eP 34 07.00 0.1
1.0s 38.00nm 5.2mb
PKI 35.13 61 eP 34 07.10 -0.3
SPC 43.95 331 eP 35 31.00 10.9X
LJU 44.93 324 e(P) 35 27.20 -0.7
TRI 45.18 323 eP 35 29.90 0.0
VOY 45.29 324 eP 35 31.00 0.2
KBA 46.19 325 eP 35 37.50 -0.6
1.0s 7.70nm 4.7mb
i 35 45.20
CHTO 46.30 77 eP 35 39.00 0.0
KHC 47.25 327 eP 35 55.60 9.4X
PRU 47.27 329 eP 35 47.00 0.7
BRG 48.12 329 eP 35 53.60 0.7
NUR 51.05 344 eP 36 15.00 -0.2
Z 24s 0.40um 4.4MszX
LR 58 00.00
WLF 51.63 324 P 36 19.60 -0.2
SUF 52.54 346 eP 36 25.00 -1.5
DOU 52.72 324 P 36 27.70 -0.4
TOL 54.98 310 eP 36 46.00 1.0
DAG 72.67 347 iPc 38 39.20 -1.2
0.7s 4.11nm 4.6mb
ALE 80.00 353 eP 39 22.00 0.4
1.1s 10.00nm 4.7mb
WB2 88.30 111 eP 40 04.70 0.1
MBC 90.57 358 eP 40 15.00 0.7
S.D. = 0.8 on 23 of 29 obs.

& FEB 26, 1985 04h 27m 47.13s
19.748 N 156.019 W
DEPTH = 9.2km
HAWAII (613)
<HVO-P>. ML 4.0 (HVO). Felt at Koiluo, Huolalai and Pahala Felt in the southern and western parts of the island of Hawaii.

MWH 0.47 123 iPc 27 56.30 -0.4
KUH 0.50 164 iPc 27 56.41 -0.8
AIN 0.64 125 iPc 27 58.41 -1.7
MLH 0.64 113 iPc 27 58.63 -1.5
KKU 0.65 77 iPc 27 58.27 -2.1
MLX 0.70 114 iPc 27 59.30 -1.8
DES 0.72 124 iPc 27 59.39 -2.1
CPK 0.74 118 iPc 27 59.69 -2.1
UWE 0.76 115 iPd 27 59.70 -2.4
NPH 0.77 115 ePc 27 59.84 -2.5
OUT 0.78 117 iPc 28 00.07 -2.4
PPL 0.79 138 ePc 28 00.09 -2.4
KNH 0.80 121 ePc 28 00.50 -2.3
AHA 0.80 118 iPc 28 00.41 -2.5
HLP 0.80 124 iPc 28 00.59 -2.3
ESR 0.81 114 ePc 28 00.28 -2.7
SPT 0.83 156 iPc 28 00.65 -2.6
eS 28 11 03
PUH 0.84 116 ePc 28 00.62 -2.9
MVH 0.93 105 iPc 28 02.23 -2.8
NGH 0.93 93 ePc 28 02.80 -2.2
WHA 1.00 114 ePc 28 03.08 -3.1
KPO 1.14 102 ePc 28 04.61 -3.9
22 obs. associated

FEB 26, 1985 05h 46m 47.12± 0.60s
12.182 N ±10.8km 50.745 E ± 5.9km
DEPTH = 10.0km (geophysicist)
4.7mb (9 obs)
EASTERN GULF OF ADEN (415)

SHI 17.45 5 eP 50 44.00 -8.5X
NAI 19.25 227 eP 51 14.00 -0.7
0.7s 12.33nm 4.3mb
BHD 21.79 346 ePd 51 37 50 -3.6X
KER 22.32 352 eP 51 45.00 -1.6
KHI 23.02 17 eP 51 49.60 -3.9X
POO 23.14 71 eP 51 56.50 1.8
QUE 23.38 38 eP 51 58.40 1.2
eS 56 06.00
MSL 25.05 345 eP 52 13.50 0.5
GBA 26.05 84 Pd 52 24.20 1.6
1.4s 21.80nm 4.7mb
TAB 26.08 352 eP 52 23.00 0.2
HYB 27.37 76 eP 52 35.30 0.6
NDI 29.64 52 eP 52 53.80 -1.3
BNG 32.75 259 iPd 53 33 00 10.4X
1.0s 20.00nm
ic 53 38 58
KRI 35.60 216 eP 54 00 00 18.6X
DMN 35.62 59 eP 53 45 60 -1.9
KKN 35.82 59 eP 53 49.10 -0.1
0.7s 19.00nm 5.1mb
PKI 35.86 60 eP 53 48.40 -1.3
BUL 38.81 214 eP 54 27.90 13.7X
MLR 39.34 332 eP 54 20.00 1.6
SPC 44.69 332 eP 55 03.00 0.9
LJU 45.58 325 e(P) 55 10.00 0.9
TRI 45.82 324 eP 55 10.90 -0.1
VOY 45.93 324 eP 55 12.00 0.0
KBA 46.85 325 iPc 55 19.30 0.0
0.9s 3.50nm 4.4mb
e 55 38.00
KHC 47.94 328 eP 55 23.70 -4.0X
e 55 37.00
e 55 58 60
PRU 47.98 329 P 55 27.40 -0.5
e 55 38.40
BRG 48.83 330 eP 55 34.20 -0.3
FRF 49.12 318 eP 55 37.60 0.7
CLL 49.57 330 eP 55 40.00 -0.2
MOX 49.87 328 eP 55 42.00 -0.5
BSF 51.01 323 eP 55 51.00 -0.4
CDF 51.01 324 eP 55 51.20 -0.2
HAU 51.35 323 eP 55 53.50 -0.4
NUR 51.92 344 eP 55 57.00 -1.0
SMF 52.25 320 eP 56 00.40 -0.3
WLF 52.28 325 Pc 56 01.00 0.2
LBF 52.31 321 eP 56 01.10 -0.1
0.9s 9.00nm 4.7mb
LOR 52.51 321 eP 56 02.30 -0.4
AVF 52.62 320 eP 56 03.10 -0.3
SSF 52.64 321 eP 56 03.00 -0.6
BGF 52.84 320 eP 56 05.40 0.3
1.1s 9.00nm 4.6mb
TCF 53.13 319 eP 56 07.50 0.2
DOU 53.37 325 Pc 56 10.60 1.7
SUF 53.43 346 iP 56 07.60 -1.6
0.4s 2.50nm 4.5mb
LSF 53.55 319 eP 56 10.70 0.4
KJF 54.39 348 eP 56 18.00 1.8
TOL 55.41 310 eP 56 26.00 0.9
FLN 55.78 321 eP 56 25.80 -0.8
GRR 55.87 321 eP 56 26.60 -0.6
BJI 63.48 51 eP 57 18.50 -1.3
DAG 73.57 347 iPc 58 20.10 -1.7
0.9s 10.92nm 4.9mb
ALE 80.95 353 ePd 59 03.10 0.3
1.1s 15.00nm 4.9mb
WB2 88.20 111 eP 59 45.30 5.1X
MBC 91.55 358 eP 59 56.00 1.1
JCT 128.99 327 ePKP 06 02.00 4.5X
1.2s 7.81nm
S.D. = 1.0 on 46 of 55 obs.

• FEB 26, 1985 06h 06m 31.30± 1.65s
32.732 N ±13.2km 47 084 E ± 9.4km
DEPTH = 53.3 ± 15.3 km
4.5mb (9 obs.)
IRAN-IRAQ BORDER REGION (346)
Felt in the Dehloran area, Iran.

KER 1.62 1 ePc 06 59.00 1.0
eS 07 24.00
BHD 2.33 284 iPd 07 20.00 12.1X
iS 07 57.00
i 08 34.00
MSL 4.88 319 eP 07 43.50 -0.5
iS 08 43.50
TAB 5.36 354 eP 07 58.00 7.2X
SHI 5.59 122 eP 07 42.00 -12.0X
RTB 5.72 276 ePd 07 57.80 2.1X

26d 06h

		iS	08 02.00			
QUE	17.14	93 eP	10 27.00	-1.8		
KRA	26.51	319 eP	12 06.00	0.6		
VOY	28.66	307 eP	12 25.50	0.4		
NUR	31.45	339 eP	12 44.00	-5.5X		
Z	24s	0.40um		4.0MszX		
		e	12 49.00			
		LR	17 40.00			
SUF	32.82	342 eP	13 01.00	-0.4		
	0.6s	4.40nm		4.5mb		
GBA	33.60	117 Pd	13 10.80	2.2		
	0.7s	1.90nm		4.1mb		
BSF	33.82	308 iPd	13 10.20	-0.2		
HAU	34.15	309 iPd	13 12.80	-0.3		
SMF	35.61	306 iPd	13 25.60	0.0		
	0.8s	16.60nm		5.0mb		
LOR	35.68	307 iPd	13 26.10	-0.1		
SSF	35.89	306 iPd	13 28.20	0.2		
	1.0s	10.00nm		4.7mb		
AVF	35.96	306 iPd	13 28.60	0.1		
BGF	36.28	306 iPd	13 30.90	-0.3		
	0.8s	4.20nm		4.4mb		
MZF	36.42	305 iPd	13 33.20	0.7		
	0.9s	1.50nm		3.9mb		
NB2	36.63	331 P	13 33.00	-1.0		
	0.8s	2.30nm		4.2mb		
MFF	38.34	305 iPd	13 48.40	-0.1		
FLN	38.76	309 iPd	13 52.00	0.0		
BNG	38.78	230 iPc	13 52.00	-0.5		
	0.9s	14.00nm		4.8mb		
		id	13 56.50			
GRR	38.97	308 iPd	13 53.90	0.1		
	0.8s	6.10nm		4.5mb		
LPF	39.06	308 iPd	13 54.60	0.1		
S.D. = 0.9 on 21 of 26 obs.						

• FEB 26, 1985 07h 42m 03.43± 0.86s
33 081 S ±12.2km 68.278 W ± 7.9km
DEPTH = 5.0km (geophysicist)
MENDOZA PROVINCE, ARGENTINA (139)

RFA	1.69	185 ePc	42 33.80	0.0		
		S	43 02.40			
PCH	1.95	253 iPd	42 37.70	0.1		
PEL	2.02	268 iPc	42 38.80	0.2		
ROCH	2.30	272 iP	42 42.50	-0.3		
TCA	3.58	62 e(P)	43 00.80	0.0		
		S	43 47.00			
S.D. = 0.3 on 5 of 5 obs.						

? FEB 26, 1985 10h 27m 51.94± 2.96s
40.699 N ±28.7km 24.121 E ±14.1km
DEPTH = 33.0km (normal)
AEGEAN SEA (365)

MMB	0.94	342 iPd	28 09.00	0.2		
		iS	28 37.00			
KDZ	1.32	44 iP	28 14.00	-0.2		
VAY	1.33	298 iPn	28 12.60	-1.7		
VTS	2.02	340 eP	28 25.00	0.7		
OHR	2.55	280 ePn	28 33.00	1.0		
S.D. = 1.5 on 5 of 5 obs.						

FEB 26, 1985 10h 53m 51.85± 0.23s
35.857 N ± 3.8km 137.495 E ± 2.9km
DEPTH = 5.0km (geophysicist)
4.9mb (17 obs.)
HONSHU, JAPAN (227)
Felt (III JMA) at Iido, (II JMA) at Yokkaichi and (I JMA) in the Kofu-Nagoya-Fukui area.

[illegible]	6 44	141 Pd	54 00.60	-0.1		
		iS	54 04.40			
NAG	6 81	212 iPc	54 08.90	0.8		
		iS	54 20.20			
TOY	0.88	345 Pd	54 11.00	1.8		
		eS	54 24.00			
KOF	0.89	102 iPd	54 08.40	-0.9		
		iS	54 19.40			
MAT	0.89	40 iPd	54 09.10	-0.4		
		iS	54 20.40			
KAN	0.97	315 Pd	54 12.80	2.1		
		S	54 28.30			
NGN	0.98	35 P	54 12.70	1.7		
		S	54 25.10			
FUK	1.05	281 ePd	54 13.80	1.7		
		iS	54 29.50			
SHZ	1.15	140 Pd	54 13.60	-0.3		
		iS	54 28.10			
HMM	1.16	171 Pc	54 14.10	0.1		
		iS	54 29.50			
HIK	1.17	241 Pc	54 16.30	2.1		
		iS	54 32.40			
DDR	1.39	84 iPc	54 17.10	-0.8		
MIS	1.39	122 ePc	54 17.00	-0.8		
TKD	1.39	26 eP	54 20.00	2.2		
		eS	54 39.00			
TSU	1.40	215 iPc	54 18.50	0.5		
		iS	54 35.00			
SRY	1.47	99 iPd	54 18.60	-0.4		
OYM	1.49	106 iPd	54 18.70	-0.6		
AJI	1.54	121 Pd	54 20.00	0.0		
		S	54 42.20			
KMG	1.56	79 P	54 22.00	1.7		
		S	54 42.30			
WAJ	1.60	343 Pd	54 22.50	1.6		
		iS	54 45.40			
YOK	1.81	103 iPd	54 26.20	2.3		
		iS	54 52.20			
TOK	1.85	95 P	54 26.70	2.3		
		S	54 53.00			
OSH	1.89	125 iPd	54 26.30	1.3		
		S	54 49.90			
OSK	1.95	231 eP	54 28.00	2.0		
		S	54 55.00			
OSA	2.00	235 eP	54 29.00	2.4		
		S	54 57.00			
UTS	2.04	70 iPd	54 29.60	2.4		
		iS	54 58.10			
OWA	2.08	211 eP	54 27.00	-0.8		
		eS	54 54.00			
TAT	2.13	114 eP	54 30.00	1.6		
		iS	54 59.20			
TSK	2.15	80 iPd	54 29.20	0.4		
TYK	2.20	262 iP	54 34.00	4.5X		
		iS	55 02.00			
KOB	2.22	239 Pc	54 34.70	4.8X		
		S	55 04.50			
KYS	2.26	106 eP	54 31.30	0.8		
MIT	2.47	77 P	54 35.30	2.0		
		S	55 07.00			
HIM	2.50	247 eP	54 42.00	8.2X		
		S	55 13.10			
TOT	2.72	264 eP	54 39.00	2.0		
		S	55 20.60			
CHO	2.73	92 Pc	54 40.60	3.5X		
		S	55 15.80			
SHJ	2.79	211 eP	54 41.00	3.0X		
		S	55 20.50			
ONA	2.96	67 eP	54 43.00	2.7X		
		S	55 19.70			
OKA	3.16	249 eP	54 46.00	2.9X		
		e	55 33.00			
MTS	3.62	265 eP	55 05.00	15.2X		
		S	55 50.50			
SHK	4.16	253 iPc	54 58.70	1.3		
MDJ	10.63	328 eP	56 31.00	3.2X		
CN2	12.18	314 eP	56 53.00	4.0X		
		eS	59 14.00			
SNY	12.37	303 eP	56 54.30	2.8		
		eS	59 14.00			
DL2	12.98	288 eP	57 03.90	4.3X		
SSE	14.41	255 e(P)	57 27.00	8.5X		
TIA	16.49	277 eP	57 48.80	3.4X		
BJI	17.32	290 eP	58 00.00	4.2X		
		eS	01 26.00			
WHN	20.06	261 P	58 30.20	1.4		
TIY	20.14	283 P	58 30.00	0.3		
BTO	22.06	291 eP	58 48.20	-1.1		
XAN	23.46	274 eP	59 03.40	0.3		
GZH	24.50	245 P	59 14.00	0.9		
BAG	24.54	222 eP	59 12.00	-1.8		
LZH	27.16	280 eP	59 37.00	-1.2		
GYA	27.90	259 P	59 43.40	-1.5		
CD2	28.51	270 P	59 51.00	0.7		
GTA	29.91	288 eP	00 02.60	-0.3		
		PcP	03 05.00			
CHTO	37.93	254 eP	01 12.50	0.4		
WMO	38.56	298 eP	01 17.50	0.2		
PKI	44.63	275 eP	02 06.00	-1.6		
KKN	44.65	275 eP	02 08.10	0.6		
	0.6s	13.00nm		5.0mb		
IPM	45.78	236 ePd	02 16.00	-0.3		
	0.9s	35.20nm		5.4mb		
KGM	46.21	231 ePd	02 19.50	-0.2		
PSI	48.57	236 ePd	02 36.70	-1.6		
IMA	49.30	30 eP	02 43.00	-0.4		
PPI	49.96	232 eP	02 42.00	-7.0X		
NDI	50.78	280 iPc	02 54.00	-1.1		
	0.7s	13.70nm		5.0mb		
PME	51.49	36 eP	02 59.00	-1.0		
	0.7s	8.60nm		4.8mb		
COL	51.77	32 eP	03 03.00	0.9		
	0.7s	9.93nm		4.9mb		
FBA	51.77	32 eP	03 02.50	0.4		
	0.6s	8.50nm		4.9mb		
KNA	51.98	191 eP	03 02.00	-2.2		
HYB	55.00	267 eP	03 25.20	-1.5		
		e	04 26.80			
WB2	55.57	184 iPc	03 27.30	-3.3X		
INK	56.87	26 ePc	03 38.00	-1.5		
GBA	57.96	264 Pc	03 46.10	-1.7		
	0.8s	5.90nm		4.7mb		
POO	58.24	271 eP	03 47.50	-2.3		
QUE	58.26	286 eP	03 49.00	-1.0		
MBC	58.53	16 eP	03 49.00	-2.1		
ASPA	59.30	184 eP	03 54.00	-2.9X		
ALE	61.48	3 eP	04 10.00	-1.2		
	1.2s	14.00nm		5.0mb		
YKA	66.39	29 eP	04 42.90	-0.6		
YKC	66.45	29 eP	04 43.00	-0.9		
	0.9s	16.00nm		5.2mb		
DAG	66.66	354 iPd	04 43.70	-1.4		
	0.9s	11.76nm		5.1mb		
SUF	67.59	332 eP	04 49.00	-2.1		
NUR	69.47	331 eP	05 01.00	-1.8		
PNT	71.19	42 eP	05 12.00	-1.6		
	0.8s	10.00nm		5.0mb		
EDM	72.20	37 eP	05 18.50	-1.1		
NEW	73.15	42 eP	05 24.00	-1.3		
NB2	74.01	336 P	05 29.10	-0.9		
	0.7s	3.50nm		4.5mb		
SES	75.06	38 ePc	05 35.50	-0.8		
FFC	76.37	31 iPc	05 42.50	-1.0		
	0.9s	16.00nm		5.1mb		
LRM	77.17	42 eP	05 48.20	-0.3		
BMN	77.69	49 eP	05 51.00	-0.3		
	1.5s	15.15nm		4.9mb		
KRA	78.25	324 iPc	05 54.90	0.9		
FRB	78.60	11 eP	05 55.00	-0.6		
EUR	79.02	49 iP	05 58.50	-0.3		
	1.0s	7.69nm		4.7mb		
BDW	80.71	43 eP	06 07.50	-0.3		
	1.0s	3.00nm		4.3mb		
KHC	81.84	327 iPd	06 13.40	0.1		
RSON	82.62	30 eP	06 16.20	-1.0		
	0.9s	4.20nm		4.6mb		
RSSD	82.78	40 eP	06 18.80	0.3		
RMU	83.59	48 eP	06 24.00	1.2		
OHR	83.90	317 eP	06 23.80	-0.3		
LHC	86.32	29 eP	06 35.50	-0.5		
SCH	87.31	14 eP	06 40.00	-0.7		
ZOBO	149.98	56 ePKP	13 38.00	-3.0X		
	1.0s	3.00nm				
LPB	150.19	56 PKP	13 46.00	4.9X		
CNCB	150.46	57 PKP	13 47.50	5.8X		
ITR	152.77	351 ePKP	13 49.50	5.0X		
S.D. = 1.3 on 88 of 109 obs.						

• FEB 26, 1985 11h 16m 19.48± 1.54s
25.445 N ±12.5km 125.139 E ± 8.7km
DEPTH = 133.0 ± 11.5 km
4.6mb (7 obs.)
SOUTHWESTERN RYUKYU ISLANDS (246)

ISI	1.42	219 eP	17 03.00	15.8X		
		iS	17 04.60			
TATO	3.34	263 iP	17 11.10	-0.2		
SSE	6.62	329 eP	17 54.40	-1.2		
TIA	12.74	329 eP	19 18.30	1.4		
MAT	15.73	42 eP	19 55.00	0.1		
	0.8s	7.46nm		4.0mb		
TIY	16.31	322 eP	20 04.20	2.0		
BJI	16.38	335 eP	20 02.50	-0.3		
CN2	18.31	1 eP	20 25.40	-0.6		
CD2	19.61	291 eP	20 39.40	-0.3		
BTO	19.68	324 eP	20 39.50	-1.0		
GTA	25.41	309 P	21 35.80	-0.5		
PKI	35.51	282 eP	23 06.00	0.3		
	0.5s	4.00nm		4.5mb		

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KKN     35.61 283 eP     23 06.90    0.5
        0.6s      9.00nm          4.7mb
WB2     46.00 168 eP     24 57.30   26.1X
TTA     62.61  30 eP     26 31.50    0.0
IMA     63.47  27 eP     26 36.70   -0.5
PWA     65.59  31 eP     26 50.10   -0.6
COL     66.03  28 eP     26 54.00    0.5
        0.6s      5.00nm          4.6mb
FBA     66.03  28 eP     26 53.60    0.1
        0.5s      4.60nm          4.7mb
INK     70.71  23 eP     27 22.00   -0.3
SUF     71.69 331 eP     27 27.00   -1.3
NUR     73.15 329 eP     27 15.00  -21.8X
NB2     78.77 333 P      28 08.40   -0.1
        0.6s      1.10nm          3.8mb
YKA     80.39  24 eP     28 18.30    1.2
YKC     80.45  24 eP     28 18.00    0.6
        0.6s     10.00nm          4.8mb
     S.D. = 0.9  on  22 of  25 obs.

?  FEB 26, 1985  16h 00m 08.57± 4.03s
   7.825 S ±39.9km  128.712 E ±14.3km
   DEPTH = 130.8 ± 18.4 km
 BANDA SEA                          (280)

MTN      5.53 155 eP     01 30.00    0.2
        0.4s    104.00nm          5.4mb X
KUPT     5.55 245 eP     01 30.50    0.4
                 eS     02 26.10
KNA      7.88 180 iPd    02 01.60   -0.2
        0.3s     3B.00nm          5.5mb X
WB2     13.23 156 eP     03 09.30   -3.2X
                 iS     05 32.20
MBL     15.79 212 eP     03 44.00   -0.9
ASPA    16.52 163 eP     03 54.00    0.0
ISO     16.56 142 eP     03 54.00   -0.5
WBN     18.33 186 eP     04 17.00    1.4
NAU     19.38 220 iPd    04 25.90   -0.8
MEK     21.03 206 eP     04 44.00    0.5
     S.D. = 0.9  on   9 of  10 obs.

   FEB 26, 1985  17h 54m 00.05± 0.77s
   67.075 N ± 7.6km  146.414 W ± 7.8km
   DEPTH =  33.0km  (normal)
 ALASKA                             (676)
      ML 3.8 (PMR).

COL      2.26 195 iPd    54 36.20    0.4
                 e      54 41.00
                 eS     55 08.00
FBA      2.26 195 iPd    54 36.20    0.4
IMA      3.07 254 ePd    54 47.90    0.4
DWY      4.20 133 P      55 03.40    0.1
TOA      4.99 179 eP     55 15.70    1.0
INK      5.07  70 eP     55 15.00   -0.7
PME      5.59 193 eP     55 22.50   -0.4
BRW      5.62 324 eP     55 24.00    0.7
TTA      5.82 229 eP     55 24.40   -1.9
     S.D. = 1.0  on   9 of   9 obs.

   FEB 26, 1985  18h 52m 17.95± 0.49s
   46.215 N ± 4.6km   13.194 E ± 5.1km
   DEPTH =  11.3 ±  3.9 km
 AUSTRIA                            (546)
      ML 3.2 (VKA), 2.9 (KBA), 2.6
      (TRI).

VOY      0.52 110 iPgc   52 28.30   -0.2
                 iSg    52 37.70
TRI      0.64 142 ePg    52 30.40   -0.3
KBA      0.87   7 iPgc   52 34.30   -0.4
                 i      52 42.80
                 iSg    52 45.70
                 i      52 53.20
LJU      0.95 100 iPgc   52 36.70    0.8
        0.5s   318.00nm
                 i      52 37.20
                 iSg    52 51.20
CEY      0.98 119 ePg    52 36.70    0.2
                 i      52 40.00
                 iSg    52 51.90
                 i      52 56.10
CTI      1.09 262 iPgc   52 39.50    1.2
                 iSg    52 57.00
BHG      1.52 352 eP     52 48.00    2.9X
SAL      1.96 253 ePg    52 56.50    5.1X
                 eSg    53 23.00

KHC      2.93   5 Pn     53 06.00    0.7
                 eSn    53 35.00
                 Sg     53 51.50
WET      2.94 356 iPnc   53 06.10    0.7
VKA      2.96  45 iPnd   53 06.50    0.9
                 iPg    53 15.20
                 i      53 16.90
                 iSg    53 55.00
ZST      3.32  52 e(P)   54 09.00   58.2X
ORO      3.69 263 ePg    53 24.00    7.9X
GRF      3.72 340 e(Pg)  53 29.30   12.7X
                 e      53 32.30
                 e(Sn)  54 06.10
                 eSg    54 17.90
MNS      3.84 186 ePn    53 17.50   -0.7
PRU      3.88  13 ePn    53 18.90    0.1
                 Pg     53 29.30
                 Sg     54 21.50
BUH      4.17 308 ePn    53 23.20    0.3
HOF      4.20 348 ePn    53 22.60   -0.6
MOX      4.56 347 ePn    53 27.00   -1.3
                 ePg    53 51.00
                 e      54 19.00
                 eS     54 44.00
     S.D. = 0.8  on  14 of  19 obs.

   FEB 26, 1985  20h 36m 57.52± 0.85s
   32.578 N ± 7.5km   47.291 E ± 5.3km
   DEPTH =  57.5 ±  8.2 km
   4.7mb ( 11 obs.)
 IRAN-IRAQ BORDER REGION            (346)
      Felt in the Dehloran area, Iran.

KER      1.78 355 iPc    37 26.60    0.1
                 eS     37 52.00
BHD      2.54 287 ePnc   37 37.50    0.5
                 iPg    37 48.00
                 iSn    38 15.50
                 i      38 25.00
TEH      4.63  46 eP     38 18.00   11.3X
MSL      5.11 319 ePnd   38 11.20   -2.1
                 ePg    38 31.50
                 eSn    39 09.80
SHI      5.36 122 eP     38 15.00   -2.0
TAB      5.53 352 eP     38 22.00    2.6
QUE     16.96  93 eP     40 54.00    1.5
                 eS     44 18.00
ISR     20.38 314 eP     41 31.50   -0.4
VRI     20.66 316 eP     41 35.00    0.3
MLR     20.93 314 eP     41 39.00    1.4
OHR     22.78 299 e(P)   41 56.80    0.8
NDI     26.00  91 eP     42 27.50    0.8
KRA     26.74 319 eP     42 34.20    0.9
VOY     28.90 307 eP     42 53.40    0.4
                 e      43 09.00
OSS     31.57 307 eP     43 17.50    0.7
NUR     31.65 339 eP     43 16.00   -1.1
        Z  17s      0.20um          3.9MszX
                 LR     57 50.00
GRF     31.71 313 eP     43 18.40    0.6
        1.2s     10.00nm          4.5mb
SAX     32.23 308 eP     43 22.20   -0.5
LLS     32.38 307 eP     43 23.30   -0.6
SLE     32.91 309 eP     43 28.00   -0.3
ZUL     32.92 308 eP     43 28.20   -0.1
DMN     32.97  89 eP     43 29.00   -0.3
        0.4s      8.00nm          4.9mb
SUF     33.02 342 eP     43 24.00   -5.0X
        0.3s      1.00nm          4.1mb
SUF     33.02 342 iP     43 28.60   -0.4
        0.5s      3.00nm          4.4mb
KKN     33.07  88 eP     43 29.80   -0.2
        0.5s     24.00nm          5.3mb
PKI     33.24  88 eP     43 31.40   -0.3
        0.6s     14.00nm          5.0mb
DIX     33.31 306 eP     43 31.90   -0.1
KJF     33.90 345 eP     43 36.00   -0.6
BSF     34.05 309 eP     43 37.70   -0.5
SMF     35.84 306 iPc    43 53.00   -0.3
        1.0s     24.00nm          5.1mb
LOR     35.91 307 eP     43 53.30   -0.6
SSF     36.12 307 iPc    43 55.60   -0.1
        0.8s      5.30nm          4.5mb
AVF     36.19 306 eP     43 56.20   -0.1
BGF     36.51 306 eP     43 59.00    0.0
MZF     36.65 305 eP     44 00.50    0.3
NB2     36.85 331 P      44 01.30   -0.4

        0.5s      1.00nm          4.0mb
BNG     38.81 230 iPd    44 19.30    0.7
        0.9s     18.00nm          4.9mb
                 ic     44 24.00
FLN     38.99 309 eP     44 19.20   -0.5
GRR     39.20 308 eP     44 20.90   -0.6
LPF     39.29 308 eP     44 21.60   -0.6
KRI     51.96 202 eP     46 08.00    4.9X
BUL     55.38 201 iP     46 29.80    1.5
        0.9s      4.62nm          4.5mb
FRB     71.56 335 eP     48 14.00    0.0
     S.D. = 0.9  on  40 of  43 obs.

&  FEB 26, 1985  23h 35m 58.2?s
   35.822 N          119 552 W
   DEPTH =   5.0km  (geophysicist)
 CENTRAL CALIFORNIA                  ( 39)
      <BRK>. ML 3.5 (BRK), 3.6 (PAS).

PHAM     0.69 271 iP     36 04.10    0.1
WKTM     0.90  91 eP     36 08.80    0.8
PRI      0.96 290 iPd    36 08.20   -0.8
                 iS     36 36.20
FRI      1.17 354 iPd    36 11.60   -1.0
                 iS     36 26.50
LLA      1.38 306 ePd    36 14.10   -2.0
VPEM     1.41  84 iP     36 18.10    1.3
PRS      1.56 290 ePd    36 16.20   -2.4
CLC      1.59  90 iPc    36 20.60    1.5
SAO      1.80 302 iPc    36 20.20   -1.9
                 i      36 20.70
                 i      36 21.10
SLD      1.84 313 eP     36 21.20   -1.5
JAS1     2.21 342 iPd    36 27.70   -0.4
                 i      36 54.30
                 iS     36 55.30
MHC      2.26 313 eP     36 26.80   -2.2
GSC      2.30 102 eP     36 30.40    0.9
GCC      2.31 302 e(P)   36 27.60   -1.9
MNA      2.83  23 ePd    36 42.50    5.4
EUR      4.63  37 iP     37 12.50    9.8
     16 obs. associated

*  FEB 27, 1985  02h 55m 49.08± 1.25s
   31.472 S ± 9.2km   68.778 W ±12.4km
   DEPTH = 130.2 ± 14.9 km
 SAN JUAN PROVINCE, ARGENTINA       (137)

ZON      0.11 131 iPd    56 06.70   -0.6
CFA      0.48 106 iPd    56 08.00   -0.3
                 S      56 16.80
MDZ      1.41 182 iP     56 17.70    1.1
PEL      2.32 224 iP     56 27.70    0.1
                 i      56 45.70
                 i      56 52.80
VCA      2.77  11 ePd    56 33.40    0.6
                 S      57 06.00
RFA      3.30 176 iPc    56 40.20   -0.2
                 S      57 18.30
TCA      3.58  89 iPd    56 45.10    1.0
                 S      57 25.10
VBA      8.62 141 ePd    57 51.30   -1.0
     S.D. = 1.0  on   8 of   8 obs.

*  FEB 27, 1985  03h 18m 58.00± 0.73s
   3.195 N ±10.0km  126.395 E ±17.6km
   DEPTH =  33.0km  (normal)
   5.1mb (  7 obs.)
 TALAUD ISLANDS                     (263)

CGP      5.49 342 eP     20 21.00    1.4
MTN     16.62 164 eP     22 49.00   -1.2
KNA     18.97 173 eP     23 20.00    0.7
LEM     21.22 242 eP     23 48.50    4.9X
        0.8s     22.39nm          4.6mb
KGM     23.08 268 ePd    24 07.30    5.4X
WRA     24.28 162 P      24 14.00    0.4
        0.6s     13.70nm          4.7mb
WB2     24.29 162 eP     24 23.00    9.4X
                 eS     28 45.30
MBL     25.04 195 eP     24 23.00    2.1
IPM     25.35 274 ePd    24 29.20    5.4X
ASPA    27.68 165 eP     24 44.00   -1.2
                 eS     29 24.00
NAU     27.71 202 eP     24 47.00    1.6
BJI     37.83 347 eP     26 13.50    0.3
BRS     39.65 142 eP     26 28.00   -0.7
```

27d 03h

PKI 46.01 306 eP 27 21.10 0.3
0.8s 12.00nm 4.9mb
KKN 46.20 306 eP 27 21.90 -0.2
0.6s 20.00nm 5.2mb
DMN 46.27 306 eP 27 23.50 0.8
0.8s 25.00nm 5.2mb
HYB 48.98 290 ePd 27 43.50 -0.3
1.0s 35.00nm 5.3mb
KOD 49.04 281 eP 27 43.00 -1.7
GBA 49.43 285 Pc 27 46.50 -0.7
0.9s 43.00nm 5.5mb
POO 53.59 291 iPd 28 17.00 -1.6
S.D = 1.2 on 16 of 20 obs

• FEB 27, 1985 03h 19m 48 27± 0.87s
47.433 N ±10.2km 11.282 E ± 8.4km
DEPTH = 10.0km (geophysicist)
AUSTRIA (546)
ML 2.3 (KBA).

OSS 1.08 227 eP 20 09.30 0.6
CTI 1.41 170 iPgd 20 14.00 -0.1
iSg 20 32.50
KBA 1.45 103 iPnd 20 13.70 -1.0
iSn 20 32.70
iSg 20 35.20
SLE 1.92 281 eP 20 22.10 0.8
GRA2 2.22 1 e(P) 20 29.30 3.6X
0.8s 4.00nm
VOY 2.28 127 eP 20 55.50 28.9X
e(Sg) 21 04 00
KHC 2 29 41 ePg 20 28.00 1.3
Sg 20 57.00
BUH 2.40 302 ePn 20 26.50 -1.7
TRI 2.43 134 eP 21 05.40 36.8X
S.D. = 1.5 on 6 of 9 obs.

• FEB 27, 1985 03h 24m 58.99± 0 92s
13.068 N ±14.6km 51.154 E ±16.0km
DEPTH = 10.0km (geophysicist)
4.8mb (2 obs.)
EASTERN GULF OF ADEN (415)

SHI 16 54 4 eP 28 52.00 -0 9
KER 21 51 351 eP 29 52.00 1 7
BNG 33.31 258 ePc 31 38.90 -0.5
0.8s 7.00nm 4.6mb
KKN 35.03 60 eP 31 53.70 -0.6
0.7s 18.00nm 5.1mb
SPC 44.10 331 e(P) 33 09.00 -0.3
VOY 45.45 324 eP 33 24.80 4.7X
KHC 47.42 327 eP 33 42.10 6.6X
PRU 47.43 328 eP 33 41.00 5.5X
WRA 88.13 111 P 37 53.00 1.3
0.9s 20.30nm 5.4mb X
WB2 88.14 111 eP 37 51.20 -0.6
S.D = 1.2 on 7 of 10 obs.

FEB 27, 1985 04h 26m 47.25± 0.88s
5.859 N ± 4.1km 77.503 W ± 4.2km
DEPTH = 25.8 ± 6.0 km
5 0mb (55 obs) 3.7Msz (1 obs.)
NEAR WEST COAST OF COLOMBIA (102)

BOG 3.64 110 eP 27 45.00 1.4
iS 28 31.00
UPA 3.70 327 iPc 27 40.00 -4.1X
0.8s 74.63nm
iS 28 10.00
FUO 3 77 96 eP 27 46.00 0.6
PSO 4 64 178 eP 27 58.50 0.6
UAV 6 87 66 iPnd 28 29.10 -0 1
0 5s 311.10nm 6 5mb X
SDV 7 45 66 ePn 28 36.70 -0 5
SDV 7 45 66 iPnd 28 37.20 0.0
0 7s 242.80nm 6 4mb X
LGN 7.50 55 e(Pn) 28 04.70 -33.0X
TOV 8.58 62 iPnc 28 51.50 -1.4
0.7s 92.30nm 6.1mb X
CAR 11.44 66 iPd 29 28.00 -4.2X
0.6s 21.33nm 5.5mb
PCJ 11.81 2 eP 29 36.17 -1.0
HOJ 12 09 3 eP 29 41.54 0.6
STH 12 16 3 eP 29 41.93 0.0
GWJ 12.16 3 eP 29 42.27 0.2
CUM 13.97 70 e(P) 30 08.00 2.2
GUV 14.43 81 iPd 30 09.20 -2.8

0.4s 33.90nm 5.3mb
SJG 16.47 41 eP 30 35.00 -3.3X
VHO 21.94 303 eP 31 41.50 0.4
ARE 22.96 165 eP 31 53.00 1 8
ZOBO 23.86 157 eP 31 58.80 -1.5
0.8s 24.45nm 4.8mb
Z 20s 0.26um 3.7Msz
LPB 24.11 157 P 32 02.30 -0.3
1.0s 50.00nm 5.0mb
S 36 30.00
LR 39 30.00
CNCB 24.41 157 P 32 06.00 0.4
TPM 24.72 304 eP 32 13.50 5.3X
TPZ 28.49 163 eP 32 50.00 6.9X
JCT 32.24 322 eP 33 16.10 0.1
0.9s 6.30nm 4.5mb
FVM 34.07 342 eP 33 30.00 -1.7
0.9s 40.68nm 5.4mb
RLO 34.18 334 e(P) 33 35.50 2.8
TUL 34.31 333 eP 33 33.40 -0 4
0.8s 25.80nm 5.2mb
e 33 39.70
BDF 36.28 126 iPd 33 48.80 -2.2
RSNY 38.62 3 eP 34 11.30 1.2
0.9s 6.72nm 4.4mb
TCA 38.99 162 ePd 34 12.30 -1.1
ALO 39.38 321 eP 34 17.80 1.0
1.0s 10.75nm 4.5mb
OTT 39.41 2 eP 34 17.00 0 4
MNT 39.63 4 eP 34 19.50 1.0
VAO 41.40 135 eP 34 30.00 -3.4X
ITR 41.58 110 eP 34 31.60 -3.3X
e 34 39.70
e 34 44.30
GLD 41.97 328 eP 34 40.00 2.0
GOL 42.01 327 eP 34 39.00 0.5
1.0s 5.00nm 4.2mb
LHC 43.57 349 eP 34 49.00 -1.8
GLA 43.99 313 eP 34 55.00 0.6
RSSD 44.65 333 eP 35 00.00 0 2
1.0s 10.00nm 4.7mb
TPC 45.40 313 eP 35 06.00 0.3
PLM 45.63 312 eP 35 07.00 -0.7
BDW 46.42 327 eP 35 14.50 0.6
1.0s 2.20nm 4.1mb
GSC 46.53 314 eP 35 14.00 -0.7
RSON 46.85 346 eP 35 15.50 -1.4
0.8s 10.56nm 4.9mb
SBB 46.96 313 eP 35 18.00 -0.1
ISA 47.89 314 eP 35 25.00 -0.4
EUR 48.16 320 iP 35 28.00 0.3
0.5s 2.13nm 4.4mb
BMN 49.49 320 eP 35 38.10 0.3
1.0s 8.75nm 4.7mb
SCH 49.58 8 eP 35 37.50 -0.5
LRM 50.00 328 eP 35 42.20 0.4
FFC 52.57 342 eP 35 59.00 -1.7
EDM 55.53 335 ePc 36 21.40 -1.2
FRB 58.14 5 eP 36 41 00 0.2
YKC 62.68 342 eP 37 09.00 -2.8
YKA 62.73 342 eP 37 11.60 -0.6
KIC 72.29 85 eP 38 12.00 -1.2
0.9s 79.00nm 5.7mb
INK 72.48 341 eP 38 12 00 -1.2
TOL 73.57 50 eP 38 20.00 -0.2
1.0s 1.50nm 4.0mb X
MBC 73.99 350 eP 38 20.00 -1.9
0.6s 5.00nm 4.7mb
EKA 76.31 34 P 38 35 00 -0.6
1.2s 45.70nm 5.4mb
COL 76.42 336 eP 38 38.00 2.0
LPF 76.62 42 eP 38 37.20 -0.2
0.8s 8.40nm 4.8mb
GRR 76.78 42 iPc 38 38.20 -0 1
0.7s 17.80nm 5.2mb
ALE 76.88 2 eP 38 37.00 -1.3
0.8s 3.00nm 4.4mb
FLN 77.06 41 iPc 38 40.00 0.1
0.8s 16.10nm 5.1mb
MFF 77.08 44 iPc 38 40.00 -0.1
0.8s 22.50nm 5.2mb
EPF 77.14 47 iPc 38 40.90 0.4
0.8s 12.00nm 5.0mb
LDF 77.28 42 iPc 38 41.20 0.1
0.8s 18.80nm 5.2mb
DAG 77.43 12 iPc 38 40 30 -1.1
0.8s 5.22nm 4.6mb

LFF 77.56 45 iPc 38 42.80 0.1
0.8s 10.90nm 4.9mb
LPO 77.86 46 iPc 38 44.60 0.2
0.8s 14.50nm 5.1mb
RJF 78.14 45 eP 38 45.90 0.0
0.8s 10.70nm 4.9mb
LSF 78.21 44 eP 38 46.20 -0.1
0.8s 9.20nm 4.9mb
CAF 78.50 45 iPc 38 47.90 -0.1
0.8s 12.60nm 5.0mb
TCF 78.68 44 eP 38 48.80 -0.1
0.7s 3.30nm 4.5mb
MZF 78.94 44 iPc 38 50.20 -0.1
0.8s 11.10nm 4.9mb
BGF 79.14 44 iPc 38 51.40 0.0
0.8s 11.10nm 4.9mb
AVF 79.50 44 eP 38 52.80 -0.5
0.8s 5.50nm 4.6mb
SSF 79.61 43 eP 38 53.40 -0.5
1.0s 10.80nm 4.8mb
SMF 79.83 44 iPc 38 54.60 -0.5
0.9s 18.60nm 5.1mb
LOR 79.86 43 iPc 38 54.70 -0.6
0.8s 5.90nm 4.7mb
LBF 79.93 43 eP 38 55.20 -0.5
DOU 80.46 40 Pd 38 58.60 0.2
ENN 81.33 40 iPc 39 03.30 0.4
0.8s 12.00nm 5.0mb
MEM 81.38 40 P 39 03.20 0.0
WLF 81.46 41 P 39 04.60 1.0
LRG 81.55 47 eP 39 04.50 0.3
1.1s 7.10nm 4.6mb
LMR 81.66 47 eP 39 04.90 0.1
0.8s 3.70nm 4.5mb
FRF 81.76 47 iPc 39 05.40 0.1
0.8s 12.80nm 5.0mb
WIT 81.84 38 eP 39 07.00 1.5
BSF 81.86 43 eP 39 05.50 -0.4
0.8s 16.10nm 5.1mb
WTS 81.91 38 eP 39 06.50 0.6
0.9s 28.00nm 5.3mb
DIX 82.29 44 ePd 39 09.20 0.8
MMK 82.67 44 ePd 39 11.60 1.2
ZUL 82.94 43 ePd 39 11.50 0.0
SLE 83.01 43 ePd 39 11.70 -0.1
MUD 83.32 34 iPd 39 14.50 1.4
0.8s 11.40nm 5.1mb
LLS 83.37 44 ePd 39 14.60 0.7
CVF 83.41 48 iPc 39 13.90 0.0
0.9s 7.80nm 4.9mb
SAX 83.60 43 ePd 39 15.80 0.7
VDL 83.71 44 ePd 39 16.20 0.6
OSS 84.16 44 ePd 39 18.40 0.5
NB2 84.29 29 P 39 18.40 0.4
0.9s 7.30nm 4.9mb
GRF 84.75 41 iPc 39 21.10 0.6
1.3s 23.00nm 5.2mb
MOX 84.96 40 eP 39 22.00 0.5
CTI 85.24 44 eP 39 23.50 0.3
CLL 85.79 39 ePc 39 26.00 0.4
1.3s 19.00nm 5.2mb
WET 85.86 41 iPc 39 26.90 0.8
1.2s 27.00nm 5.4mb
BHG 85.97 43 eP 39 27.10 0.5
KHC 86.32 41 iP 39 29.00 0.6
1.1s 25.50nm 5.4mb
e 39 36.50
KBA 86.33 43 iPc 39 28.50 -0.2
1.1s 19.30nm 5.2mb
i 39 32.50
i 04 31.80
e 05 20.00
i(Sg) 05.36.00
i 05 42.90
BRG 86.42 39 eP 39 28.50 -0.2
1.0s 20.00nm 5.3mb
VOY 86.80 44 eP 39 31.00 0.1
PRU 86.87 40 Pc 39 32.00 1.0
1.1s 15.30nm 5.1mb
UPP 87.56 30 iP 39 33.50 -0.5
KRA 90.32 40 eP 39 48.40 1.0
1.0s 42.00nm 5.7mb
e 39 55.80
NUR 90.89 29 iP 39 49.60 -0.1
SUF 91.04 27 iP 39 50.60 0.2
KJF 91.32 25 eP 39 52.00 0.3
OHR 92.41 48 eP 39 58.00 0.7

CLO 93.13 44 eP 40 00.00 -0.4
MLR 95.20 43 eP 40 10.00 -0.1
KKN 142.64 26 ePKP 46 15.60 -5.3X
0.9s 10.00nm
DMN 142.72 26 ePKP 46 16.20 -4.9X
0.8s 15.00nm
PKI 142.89 26 ePKP 46 12.20 -9.3X
0.9s 15.00nm
ASPA 144.99 236 ePKP 46 23.00 -1.8
WB2 146.03 243 ePKP 46 26.20 -0.4
WRA 146.04 243 PKP 46 28.00 1.4
0.3s 5.30nm
HYB 146.92 45 ePKP 46 27.20 -0.9
GBA 148.49 52 PKPc 46 29.90 -0.7
0.7s 15.00nm
KOD 150.38 57 ePKP 46 39.00 5.1X
S.D. = 1.0 on 121 of 133 obs.

? FEB 27, 1985 04h 59m 40.26± 5.09s
3.068 N ±60.6km 123.392 E ±45.1km
DEPTH = 33.0km (normal)
5.1mb (1 obs.)
CELEBES SEA (262)

MTN 17.58 154 eP 03 46.00 1.5
KNA 19.44 164 eP 04 06.00 -1.1
MBL 24.33 188 eP 04 57.00 0.8
WRA 25.27 155 Pc 05 04.10 -1.2
0.6s 34.00nm 5.1mb
WB2 25.27 155 iPd 05 04.20 -1.1
ASPA 28.48 159 eP 05 34.00 -0.7
CAN 45.11 150 iPd 07 57.30 1.9
WAM 45.74 151 eP 08 00.20 -0.1
S.D. = 1.5 on 8 of 8 obs.

? FEB 27, 1985 05h 02m 55.85± 7.17s
50.994 N ±52.4km 19.820 E ±39.2km
DEPTH = 10.0km (geophysicist)
POLAND (548)

KRA 0.94 175 iPgc 03 14.40 0.6
iSg 03 24.90
SPC 1.83 171 e(Pn)c 03 27.00 -0.7
i(Sn) 03 48.00
KSP 2.24 268 ePn 03 29.50 -4.0X
0.7s 84.00nm
iPg 03 32.00
iS 05 38.00
ZST 3.31 213 e(Pn) 03 51.00 2.3X
e 04 19.50
SRO 3.33 198 ePn 03 50.00 1.0
PRU 3.52 255 Pg 03 51.50 -0.1
Sg 04 25.90
VKA 3.56 221 ePg 03 50.50 -1.7
i(Sn) 04 12.80
i 04 20.50
BRG 3.72 270 ePg 03 59.00 4.5X
eSg 04 42.00
CLL 4.30 277 e(Pg) 04 19.00 16.2X
eSg 05 04.00
KHC 4.43 248 ePg 04 05.60 0.9
e 04 25.30
Sg 04 50.50
e 05 35.50
WET 4.84 250 eP 04 49.00 38.6X
S.D. = 1.4 on 6 of 11 obs.

FEB 27, 1985 05h 30m 23.00± 1.18s
0.199 S ± 5.4km 125.100 E ± 9.2km
DEPTH = 63.8 ± 13.0 km
5.0mb (2 obs.)
MOLUCCA SEA (269)

AAI 4.64 138 ePd 31 31.50 -0.8
eS 32 25.00
DAV 7.25 4 eP 32 09.50 0.8
MKS 7.51 228 iPc 32 12.00 -0.3
0.8s 292.10nm 6.1mb X
MTN 13.92 155 eP 33 38.00 -0.7
KNA 15.87 167 iPc 34 04.00 0.1
BAG 17.10 345 eP 34 20.50 1.0
eS 37 28.00
MBL 21.46 194 eP 35 07.00 -1.0
WRA 21.61 156 P 35 09.00 -0.6
0.7s 27.00nm 4.7mb
WB2 21.61 156 eP 35 08.00 -1.6
NAU 24.10 202 eP 35 35.00 1.2
IPM 24.51 281 ePd 35 38.00 0.0
PPI 24.70 269 eP 35 41.50 1.7
ASPA 24.84 160 eP 35 43.00 1.9
1.5s 150.00nm 5.2mb
PSI 26.32 276 eP 35 53.00 -1.9
MEK 27.01 193 iPc 36 01.00 -0.1
BAL 31.27 194 eP 36 39.00 -0.1
KLB 31.99 192 eP 36 45.00 -0.3
NWAO 33.39 192 eP 36 58.00 0.5
STK 35.16 155 eP 37 14.00 1.3
CD2 36.99 329 P 37 29.60 1.4
MAT 38.53 17 eP 37 39.00 -2.1
(S) 43 40.00
BJI 40.87 350 (P) 38 01.00 0.7
CAN 41.44 150 eP 38 06.90 1.8
e 38 29.00
CN2 43.81 0 eP 38 24.00 -0.2
GTA 45.71 332 P 38 40 20 0.5
HYB 49.04 293 eP 39 04.30 -1.6
GBA 49.15 288 P 39 18.00 11.2X
1.1s 5.50nm
WMO 55.07 328 eP 39 49.00 -1.8
INK 94.40 21 eP 43 36.00 -0.7
S.D. = 1.2 on 28 of 29 obs.

? FEB 27, 1985 06h 46m 48.32± 3.71s
6.787 S ±35.1km 163.241 E ±22.9km
DEPTH = 33.0km (normal)
4.8mb (1 obs.)
NORTH OF SOLOMON ISLANDS (191)

SVO 4.13 235 eP 47 55.00 4.4X
eS 48 23.00
HNR 4.19 231 iPc 47 50.00 -1.5
iS 48 14.00
VSG 4.27 235 eP 47 54.00 1.3
eS 48 18.00
KOU 13.73 176 iPc 50 04.00 1.0
NOU 15.74 169 iPc 50 28.50 -0.8
iS 52 47.00
WB2 30.93 242 eP 53 04.50 -0.1
WRA 30.94 242 Pc 53 04.90 0.2
0.3s 5.50nm 4.8mb
S.D. = 1.4 on 6 of 7 obs.

• FEB 27, 1985 07h 29m 07.82± 1.00s
44.480 N ± 8.7km 114.187 W ±10.3km
DEPTH = 10.0km (geophysicist)
WESTERN IDAHO (33)
ML 3.1 (NEIS).

HPI 1.10 134 iP 29 27.70 -1.0
LRM 1.82 42 ePn 29 40.50 0.9
ePg 29 42.80
BUT 1.92 36 ePg 29 44.90 3.9X
eSg 30 10.10
TMI 2.02 125 eP 29 42.30 -0.2
LCCM 2.12 49 ePn 29 47.50 3.5X
ePg 29 51.00
IMW 2.41 103 eP 29 48 80 0 6
SXM 2.68 50 ePn 29 53.30 1.3
ePg 29 57.90
HRY 2.78 36 ePn 29 56.50 3.2X
ePg 30 01.00
MFW 3.30 297 eP 30 04.00 3.4X
BDW 3.76 115 e(P) 30 06.00 -1.4
NEW 4.29 333 eP 30 13.00 -1.7
DUG 4.40 166 e(P) 30 19.30 3.0X
BMN 4.63 210 e(P) 30 21.00 1.5
EUR 5.17 196 iP 30 36.50 9.2X
0.2s 0.56nm 3.8mb X
S.D. = 1.5 on 8 of 14 obs.

? FEB 27, 1985 07h 46m 46.29± 3.46s
2.204 N ±47.8km 99.220 W ±47.7km
DEPTH = 10.0km (geophysicist)
4.3mb (6 obs.)
WEST OF GALAPAGOS ISLANDS (695)

LTX 27.31 352 eP 52 34.00 0.7
1.0s 5.00nm 4.2mb
i 52 40.20
JCT 28.13 359 eP 52 41 10 0.5
1.0s 11.00nm 4 6mb
ALO 33.26 349 eP 53 25.30 -0.9
1.0s 3.75nm 4.3mb
TUL 33.69 5 eP 53 28.50 -1.2
1.0s 15.30nm 4.9mb
e 53 35.50
GLA 34.00 336 eP 53 31.90 -0.6
BMN 41.40 339 eP 54 35.10 0.5
BDW 41.44 348 eP 54 35.10 0.1
1.0s 3.20nm 4.0mb
RSSD 41.96 355 eP 54 40.30 1.1
0.9s 3.78nm 4.1mb
e 54 46.40
YKA 61.24 352 eP 57 03.20 -0.4
INK 69.96 347 eP 57 59.00 -0.5
MBC 74.83 355 eP 58 29.00 0.8
KKN 149.87 352 ePKP 06 40.00 5 7x
0.9s 18.00nm
S.D. = 0.8 on 11 of 12 obs

? FEB 27, 1985 12h 24m 30.18± 3.53s
18.558 S ±26.4km 172.234 E ±36 1km
DEPTH = 33.0km (normal)
4.5mb (1 obs.)
VANUATU ISLANDS REGION (185)

PVC 3.82 282 iPc 25 28.50 0.4
NOU 6.58 234 iPd 26 08.00 0.8
KOU 7.76 254 iPc 26 22.40 -1.3
BRS 19.94 240 P 29 07.00 4.7X
CTA 24.56 262 iPc 29 50.00 1.6
0.8s 11.19nm 4 5mb
e(S) 34 20.00
WB2 35.74 261 eP 31 27.20 -1.0
WRA 35.75 261 P 31 28.00 -0.3
ASPA 36.04 255 iPd 31 30.40 -0.3
KHC 144.98 335 PKP 44 05.30 -0 3x
VOY 147.26 332 e(PKP) 44 21.00 11.4X
e 44 44.00
S.D. = 1.2 on 7 of 10 obs.

• FEB 27, 1985 12h 27m 46.18± 0.85s
1.368 N ±15.5km 66.739 E ±13.2km
DEPTH = 10.0km (geophysicist)
4.9mb (5 obs.)
CARLSBERG RIDGE (421)

KOD 13.83 50 eP 31 05.60 0.6
GBA 16.12 41 Pd 31 38.60 4.0X
1.6s 51.90nm 4.4mb
POO 18.43 22 eP 32 05.50 1.9
eS 37 08.40
HYB 19.73 35 eP 32 17 50 -1.7
eS 36 16.00
DMN 31.47 32 eP 34 12.10 1.5
1.1s 17.00nm 4.9mb
PKI 31.60 33 eP 34 12.20 0.3
KKN 31.71 32 eP 34 13.20 0.5
1.0s 16.00nm 4.9mb
KMI 42.00 53 eP 35 40.50 0.8
WMO 46.20 21 P 36 12.10 -1.1
BNG 48.22 275 iPc 36 31.20 1.7
0.6s 6.00nm 4.8mb
ic 36 41.70
GTA 48.40 34 eP 36 30.40 -0.2
XAN 51.07 46 eP 36 50.00 -1.0
TIY 55.37 44 eP 37 21.60 -1.4
VRI 56.50 327 eP 37 30.00 -0.9
CLL 67.07 327 eP 38 41.00 -0.8
WRA 69.49 112 Pd 38 57.80 0.3
1.0s 8.20nm 4.8mb
WB2 69.50 112 eP 38 57.80 0.3
ALQ 143.32 351 ePKP 47 21.00 -2.3
1.1s 9.49nm
JCT 145.83 339 iPKP 47 29.00 1.5
1.1s 27.22nm
LTX 148.12 344 iPKP 47 36.00 4 7x
S.D. = 1.3 on 18 of 20 obs

• FEB 27, 1985 13h 17m 27.12± 0 95s
17.862 N ±11.2km 94.845 W ± 8 8km
DEPTH = 33.0km (normal)
3.9mb (1 obs.)
CHIAPAS, MEXICO (61)

VHO 1.90 251 iP 17 57.50 -0.6
iS 18 20.00
OXX 1.95 247 iPd 17 57.50 -1.3
iS 18 19.80
LJX 2.75 308 iP 18 13.80 3.6X
COM 3.05 121 iP 18 15.00 0.6

27d 13h

IIT	3.48	290	eP	18 20.50	-0.1
TPM	4.16	286	eP	18 32.50	2.5
III	4.43	277	iP	18 34.00	0.1
TUL	18.00	358	eP	21 35.40	-1.0
	1.3s		14.30nm		3.9mb
RLO	18.23	360	eP	21 39.20	-0.2
	S.D. = 1.4		on	8 of 9 obs.	

FEB 27, 1985 16h 34m 19.46± 0.98s
37.956 N ± 8.0km 43.073 E ± 5.6km
DEPTH = 42.9 ± 11.8 km
4.6mb (14 obs.)
TURKEY (366)
Felt in the Van oreo.

MSL	1.57	178	iPnc	34 45.00	-0.3
			iPg	34 46.90	
			iSn	35 05.20	
			iSg	35 06.50	
			i	35 22.00	
TAB	2.57	87	iPc	34 59.00	-0.8
BHD	4.79	167	ePn	35 30.00	-1.0
			iPg	35 49.00	
			i	36 11.50	
			iSn	36 27.50	
			eS*	36 42.50	
			i	37 01.00	
			e	37 33.50	
KER	4.86	137	eP	35 34.00	1.9
TEH	7.02	106	eP	36 18.00	15.5X
MHI	13.21	92	eP	37 26.00	-0.9
			eS	40 08.00	
ISR	14.29	305	eP	37 40.00	-0 9
VRI	14.50	308	eP	37 45.00	1.4
CMP	15.32	304	ePc	38 01.00	6.7X
SKO	17.05	290	iP	38 17.00	0.7
			iS	41 40.00	
OHR	17.46	287	eP	38 21.50	0.1
BUD	20.00	306	e(P)	38 51.00	-0.1
KRA	20.47	314	eP	38 56.90	0.9
			e	39 03.90	
			e	39 07.40	
SRO	20.57	307	e(P)	39 00.00	3.1X
ORI	20.77	284	e(P)	39 01.50	2.4X
QUE	21.20	104	eP	39 07.00	3.2X
			e(S)	43 16.00	
ZST	21.46	307	e(P)	39 09.00	3.0X
SOP	21.65	305	e(P)	39 09.00	1.1
LJU	22.61	300	eP	39 18.50	1.1
			e	40 10.00	
KSP	22.92	313	eP	39 20.50	0.1
AQU	23.04	290	eP	39 23.50	1.8
VOY	23.04	300	iPd	39 22.80	1.0
TRI	23.08	299	eP	39 23.00	1.0
KBA	23.61	302	iPd	39 27.40	0.0
	0.9s		15.90nm		4.5mb
			i	39 35.50	
PRU	23.64	310	eP	39 30.50	3.1X
	Z 15s		1.00um		4.4MszX
KHC	23.97	307	P	39 30.50	-0.2
			e	40 07.00	
BRG	24.31	311	e(P)	39 38.50	4.6X
CTI	24.59	299	eP	39 36.00	-0.8
CLL	25.02	312	eP	39 41.00	0 3
	1.3s		17.00nm		4 4mb
FUP	25.21	304	eP	39 42.50	-0.1
GRB2	25.21	307	eP	39 42 40	-0.2
	0.8s		14.00nm		4.6mb
SAL	25 32	298	eP	39 44.50	1 0
NUP	25 40	339	iP	39 43 00	-1.2
	0 8s		16 20nm		4.6mb
	Z 23s		0.50um		4.0MszX
			LR	50 20.00	
MOX	25 63	310	eP	39 48.00	1.5
OSS	25.71	300	eP	39 47.10	-0.4
VDL	26.15	300	eP	39 50.70	-0.8
SAX	26.33	301	eP	39 52.00	-1.3
LLS	26.52	301	eP	39 53.40	-1.5
SUF	26.87	343	iP	39 56.00	-1.7
	0.4s		4.00nm		4.4mb
SLE	26.98	302	eP	39 58.00	-0.9
ZUL	27.01	302	eP	39 58.00	-1.2
COP	27.13	321	eP	40 02.00	1.9
UPP	27.25	332	iP	40 03.20	2.0
DIX	27.53	299	eP	40 03.00	-1.2
KJF	27.83	346	eP	40 04.00	-2.5
	0.6s		10.40nm		4.7mb
			i	40 10.20	
WLF	28.81	306	P	40 16.50	1.1
WTS	28.90	311	eP	40 10.50	-5.6X
	1.0s		11.00nm		4.5mb
MUD	29.11	320	eP	40 19.00	1.0
SOD	30.89	348	eP	40 32.00	-1.7
KEV	33.01	350	eP	40 46.00	-6.2X
EKA	35.40	315	Pd	41 12.00	-0.9
	0.7s		9.50nm		4.8mb
DMN	36.55	94	eP	41 23.10	-0.1
	1.0s		23.00nm		5.0mb
KKN	36.60	93	eP	41 25.20	1.6
	0.8s		9.00nm		4.7mb
PKI	36.80	94	eP	41 24.10	-1.4
	1.0s		8.00nm		4.6mb
HYB	37.18	114	eP	41 30.00	1.7
GBA	38.96	119	P	41 44.00	0.8
	0.7s		3.20nm		4.2mb
BNG	40.17	220	iPd	41 52.50	-0.8
	0.7s		9.00nm		4.7mb
			id	42 28.90	
KMI	51.65	86	eP	43 41.00	16.6X
KIC	53.49	246	eP	43 35.50	-2.4
FRB	65.23	333	eP	44 57.00	-1.3
MBC	65.52	355	eP	45 01.00	1.0
YKA	78.29	350	eP	46 17.20	1.2
FFC	82.93	340	iPd	46 41.30	0.5
	0.6s		5.00nm		4.7mb
	S.D. = 1.2		on	52 of 63 obs.	

% FEB 27, 1985 17h 29m 12.80± 0.82s
60.520 N ± 5.8km 5.201 E ±11.2km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)

ASK	0.04	184	iPg	29 14.40	-0.4
			iSg	29 15.50	
SUE	0.58	338	ePg	29 24.50	0.0
			eSg	29 32.70	
HYA	0.81	36	ePn	29 28.50	0.1
			eSn	29 40.20	
ODD	0.93	127	ePn	29 30.50	0.0
			iSn	29 43.70	
KMY	1.31	179	ePn	29 37.40	0.4
			eSn	29 54.50	
	S.D. = 0.4		on	5 of 5 obs.	

FEB 27, 1985 18h 04m 33.83± 0.30s
41.585 N ± 5.0km 81.548 E ± 5.7km
DEPTH = 33.0km (normal)
4.7mb (12 obs.) 4.0Msz (1 obs.)
SOUTHERN XINJIANG, CHINA (321)

KSH	4.75	245	eP	05 49.50	4.5X
NDI	13.35	197	eP	07 42.00	-1.4
	0.6s		30.00nm		5.4mb
GTA	14.07	93	(P)	07 49.60	-3.4X
			Lg	11 45.00	
			e	12 06.50	
KKN	14.10	166	eP	07 53.00	-0.5
	0.8s		12.00nm		4.6mb
DMN	14.24	167	eP	07 56.30	0.8
	0.7s		8.00nm		4.5mb
PKI	14.33	166	eP	07 56.20	-0.5
	0.8s		13.00nm		4.6mb
QUE	16.38	231	eP	08 22.40	-0.6
			eS	11 18.00	
MHI	17.93	260	eP	08 41.00	-1.3
CD2	20.78	114	eP	09 18.80	4.2X
BTO	21.44	83	eP	09 19.90	-1.4
HHC	22.54	82	eP	09 33.20	1.0
XAN	22.84	100	eP	09 35.00	-0.1
POO	23.90	198	eP	09 49.40	3.9X
			eS	14 12.30	
TIY	24.03	89	eP	09 47.50	0.8
KMI	24.04	126	eP	09 52.50	5.4X
HYB	24.22	187	ePd	09 50.50	1.9
GYA	25.59	118	P	10 06.60	4.9X
GBA	28.11	189	Pd	10 25.00	0.4
	0.6s		3.10nm		4.2mb
KJF	37.97	325	iP	11 49.80	0.0
SUF	38.45	322	iP	11 54.00	0.2
	0.4s		6.00nm		4.8mb
NUR	38.98	319	iP	11 58.80	0.5
	Z 19s		0.20um		4.0Msz
KEV	39.52	334	eP	12 02.00	-0.7
SPC	42.66	302	eP	12 31.20	2.3

NB2	45.53	320	P	12 49.20	-2.6
	0.5s		5.70nm		4.7mb
PRU	46.04	304	eP	12 57.00	1.2
BRG	46.16	306	e(P)	13 03.00	6.3X
CLL	46.61	306	i(P)c	13 15.20	14.9X
KHC	46.89	303	P	13 03.90	1.3
BSF	51.57	304	eP	13 39.00	0.2
SMF	53.89	304	eP	13 55.60	-0.3
AVF	54.14	304	eP	13 57.60	-0.1
MZF	54.86	304	eP	14 02.60	-0.5
TCF	55.06	304	eP	14 04.90	0.3
LFF	56.60	303	eP	14 15.90	0.3
MBC	61.69	6	eP	14 49.50	-0.9
	0.5s		7.00nm		5.0mb
BNG	67.02	255	iPd	15 26.10	0.2
	0.8s		7.00nm		4.8mb
			ic	15 30.20	
COL	67.07	21	eP	15 25.00	-0.5
INK	67.34	13	eP	15 27.00	-0.1
YKA	75.46	8	eP	16 15.80	0.0
YKC	75.49	8	eP	16 15.50	-0.4
	0.8s		7.00nm		4.7mb
WRA	78.31	130	Pc	16 35.50	3.2X
	1.0s		7.90nm		4.7mb
KIC	83.05	272	eP	16 58.30	0.7
FFC	84.02	2	eP	17 02.00	0.2
	0.7s		4.00nm		4.7mb
	S.D. = 1.0		on	34 of 43 obs	

% FEB 27, 1985 18h 22m 56.58± 1.87s
31.597 S ± 9.8km 69.311 W ±21.1km
DEPTH = 128.6 ± 15.2 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.45	76	iPd	23 15.20	-0.4
			S	23 28.50	
RTCV	0.71	112	iPd	23 17.70	0.5
			S	23 33.10	
RTLL	0.77	70	iPd	23 17.20	-0.5
			S	23 32.30	
CFA	0.91	91	iPd	23 19.30	0.4
			S	23 36.00	
VCA	3.00	19	ePd	23 44.20	0.2
			S	24 20.20	
RFA	3.24	168	iPc	23 47.00	-0.1
TCA	4.04	88	iPc	23 57.60	-0.2
			S	24 44.20	
	S.D. = 0.5		on	7 of 7 obs.	

FEB 27, 1985 19h 37m 11.34± 0.60s
31.325 N ± 8.4km 137.760 E ± 6.0km
DEPTH = 424.7 ± 5.6 km
4.6mb (6 obs.)
SOUTH OF HONSHU, JAPAN (211)

OYM	4.27	17	eP	38 28.30	0.2
KYS	4.35	27	eP	38 28.50	-0.3
SRY	4.45	16	eP	38 30.00	0.2
DDR	4.81	14	eP	38 33.50	0.1
			e	39 34.80	
MAT	5.22	4	iPd	38 38.00	0.6
			iS	39 43.30	
TSK	5.25	21	eP	38 36.60	-1.1
CN2	15.80	325	e(P)	40 32.20	-0.7
TIA	17.83	291	eP	40 53.10	-0.2
BJI	19.54	302	eP	41 10.00	0.1
WHN	20.09	274	iPc	41 17.20	1.8
TIY	21.78	294	eP	41 32.00	0.5
BTO	24.20	300	eP	41 54.00	0.3
XAN	24.39	284	Pd	41 55.10	-0.3
LOE	35.45	256	eP	43 30.60	-0.7
PKI	45.39	279	iPd	44 52.30	0.2
	0.5s		11.00nm		4.5mb
KKN	45.44	280	iPd	44 52.90	0.6
	0.4s		18.00nm		4.8mb
DMN	45.64	279	iPd	44 54.50	0.6
	0.5s		18.00nm		4.7mb
WB2	51.08	184	eP	45 35.00	0.4
NDI	51.92	284	iPd	45 40.50	-0.4
HYB	55.10	270	eP	46 03.50	-0.4
COL	55.54	30	eP	46 07.00	0.7
GBA	57.80	267	Pd	46 21.20	-1.4
	0.7s		14.20nm		4.5mb
POO	58.63	274	iPd	46 27.70	-0.6
QUE	59.84	289	eP	46 36.30	-0.1
INK	60.84	25	eP	46 42.00	-0.3
MBC	62.83	15	eP	46 55.00	-0.2

	0.5s	7.00nm		4.5mb		
BAL	64.75	200	eP	47 08.00	0.0	
YKA	70.26	28	eP	47 41.80	0.4	
YKC	70.32	28	iPc	47 42.00	0.2	
	0.5s	7.00nm		4.5mb		
FRB	82.98	11	eP	48 51.00	0.1	
	S.D. = 0.6	on	30 of	30 obs.		
•	FEB 27, 1985	21h 41m 51.97± 1.63s				
	33.228 S ± 8.4km	71.640 W ±13.9km				
	DEPTH = 67.9 ± 12.0 km					
	4.5mb (6 obs.)					
	NEAR COAST OF CENTRAL CHILE			(135)		
	Felt (V) at Algarrobo, Valparaiso and Vina del Mar and (III) at Santiago.					
PEL	0.81	84	iPd	42 07.30	-0.9	
RTCV	2.95	63	ePc	42 39.10	1.6	
			S	43 28.40		
RTCB	2.97	55	ePc	42 39.20	1.5	
			S	43 28.70		
ZON	3.02	57	eP	42 40.00	1.6	
RFA	3.05	121	ePc	42 39.30	0.4	
			S	43 28.70		
RTLL	3.29	56	eP	42 43.50	1.3	
			(S)	43 32.50		
CFA	3.30	62	ePc	42 43.00	0.6	
			S	43 36.50		
VCA	5.36	34	ePd	43 10.80	-0.6	
			e	43 17.00		
			e	43 39.20		
			e	43 57.00		
			S	44 25.00		
TCA	6.26	74	iPc	43 22.00	-1.9	
			e	43 25.00		
			S	44 39.90		
CYA	6.93	48	e(P)	43 30.00	-3.1	
FSA	8.64	36	e(P)	43 52.00	-4.6X	
			(S)	45 45.00		
VBA	9.22	124	eP	44 03.20	-1.4	
ANT	9.55	7	eP	44 15.00	5.9X	
			eS	46 16.00		
CNCB	16.68	12	P	45 44.00	0.7	
			S	50 09.00		
LPB	16.93	12	P	45 46.00	-0.3	
	1.2s	140.63nm		5.0mb		
	Z 18s	1.72um				
			S	50 07.00		
			LR	52 12.00		
ZOBO	17.18	12	eP	45 44.80	-4.8X	
	1.1s	46.40nm		4.6mb		
VAO	23.97	71	eP	47 01.90	0.7	
BDF	27.69	57	iPd	47 35.10	-0.7	
SOB1	37.07	57	eP	48 57.00	-0.4	
ITR	39.13	59	eP	49 13.50	-1.2	
			i	49 14.80		
			e	49 31.70		
SPA	56.95	180	e(P)	51 32.60	0.2	
JCT	68.73	334	eP	52 50.00	-0.6	
	1.1s	18.99nm		4.9mb		
LTX	69.23	330	eP	52 54.00	0.3	
	1.0s	1.80nm		4.0mb		
KIC	74.52	72	eP	53 25.70	0.3	
ALQ	75.26	331	eP	53 29.00	-0.4	
	1.2s	8.59nm		4.6mb		
KSR	82.85	116	e(P)	54 11.00	0.3	
BDW	83.24	333	eP	54 12.00	-0.3	
	1.0s	1.60nm		3.9mb		
BUL	87.33	112	eP	54 35.00	1.9	
KRI	89.99	110	eP	54 46.00	0.3	
GBA	145.75	117	PKPc	01 23.60	-1.2	
	0.5s	9.30nm				
POO	145.85	107	iPKPd	01 26.30	1.3	
HYB	148.94	113	ePKP	01 35.50	5.6X	
	S.D. = 1.2	on	28 of	32 obs.		
•	FEB 27, 1985	22h 29m 05.20± 1.98s				
	33.204 S ± 8.3km	71.657 W ±17.5km				
	DEPTH = 60.2 ± 14.5 km					
	4.5mb (2 obs.)					
	NEAR COAST OF CENTRAL CHILE			(135)		
PEL	0.82	86	iPd	29 21.70	0.6	
ZON	3.01	58	eP	29 55.00	3.4X	
RFA	3.08	121	iPc	29 53.20	0.7	
			S	30 41.00		
CFA	3.30	62	ePc	29 57.70	2.1	
			S	30 50.60		
VCA	5.35	35	ePd	30 24.70	0.2	
			S	31 36.50		
TCA	6.27	75	ePc	30 36.60	-0.6	
			e	30 39.20		
			S	31 44.00		
CYA	6.92	48	e(P)	30 45.00	-1.3	
VBA	9.25	124	ePd	31 16.20	-2.2	
ANT	9.53	7	eP	31 22.50	0.3	
CNCB	16.66	12	P	32 57.00	0.3	
LPB	16.91	12	eP	32 59.00	-0.7	
ZOBO	17.16	12	eP	33 02.00	-1.0	
	0.8s	17.31nm		4.3mb		
VAO	23.98	71	eP	34 15.70	0.5	
ITR	39.13	59	eP	36 28.00	-0.7	
SPA	56.97	180	eP	38 46.90	0.2	
	0.9s	6.82nm		4.7mb		
KIC	74.53	72	eP	40 40.20	0.7	
QUE	144.81	83	ePKP	48 38.00	0.7	
GBA	145.77	117	PKPc	48 38.10	-0.9	
	0.6s	10.10nm				
POO	145.87	107	ePKP	48 40.20	1.0	
HYB	148.96	113	ePKPc	48 49.00	4.9X	
	S.D. = 1.1	on	18 of	20 obs.		
	FEB 27, 1985	22h 57m 40.41± 0.33s				
	1.316 S ± 5.2km	14.568 W ± 6.9km				
	DEPTH = 10.0km	(geophysicist)				
	4.9mb (42 obs.)	5.0Msz (5 obs.)				
	NORTH OF ASCENSION ISLAND			(407)		
	CENTROID, MOMENT TENSOR			(HRV)		
	Data Used: GDSN					
	L.P.B.: 11S, 20C					
	Centroid Location:					
	Origin Time	22:57:51.5 0.4				
	Lat 0.63S 0.05	Lon 14.23W 0.05				
	Dep 10.0 FIX	Half-durotion 1.9				
	Moment Tensor; Scale 10**24 D-CM					
	Mrr= 0.12 0.05	Mtt= 0.58 0.07				
	Mff=-0.70 0.08	Mrt=-0.05 0.20				
	Mrf= 0.56 0.19	Mtf=-1.49 0.05				
	Principal Axes:					
	T Val= 1.65	Plg=13	Azm=215			
	N 0.14	71	349			
	P -1.79	13	122			
	Best Double Couple:Mo=1.7*10**24					
	NP1:Strike=259	Dip=71	Slip= 180			
	NP2: 349	90	19			
KIC	12.43	52	eP	00 35.00	-5.3X	
			S	02 42.00		
			eTT	09 32.00		
ITR	24.87	252	iPc	03 05.10	0.3	
BNG	33.58	80	iPd	04 22.60	-0.6	
	0.7s	46.00nm		5.5mb		
			ic	04 26.00		
			id	04 34.90		
SUR	45.42	137	iPc	06 02.20	0.6	
	0.6s	46.67nm		5.6mb		
EPF	46.14	15	iPc	06 07.80	0.9	
	1.0s	8.80nm		4.7mb		
BUL	46.15	117	iPd	06 06.00	-1.4	
			i	06 17.00		
KSR	46.77	125	iPc	06 11.70	-0.6	
	1.0s	36.00nm		5.4mb		
VIR	47.70	128	eP	06 19.50	-0.1	
SLR	47.86	124	iPd	06 20.50	-0.4	
LFF	48.02	15	eP	06 22.10	0.5	
	1.1s	9.00nm		4.8mb		
CAF	48.36	16	eP	06 24.30	0.0	
	1.0s	14.80nm		5.0mb		
LRG	48.37	20	eP	06 24.80	0.5	
	0.9s	11.60nm		4.9mb		
SEK	48.41	128	iPc	06 24.50	-0.7	
	0.8s	14.93nm		5.1mb		
			i	06 35.20		
CVF	48.53	23	eP	06 26.00	0.4	
	1.4s	17.40nm		4.9mb		
FRF	48.56	21	eP	06 26.00	0.2	
	0.9s	4.90nm		4.6mb		
RJF	48.57	15	eP	06 26.10	0.2	
	1.3s	14.40nm		4.9mb		
MFF	49.38	13	iPc	06 31.80	-0.3	
	1.0s	9.60nm		4.8mb		
LSF	49.45	15	iPc	06 33.10	0.5	
	1.0s	30.30nm		5.3mb		
TET	49.65	110	iP	06 36.00	1.3	
TCF	49.66	15	eP	06 35.10	0.8	
	0.9s	10.20nm		4.8mb		
MZF	49.69	16	iPc	06 35.20	0.7	
	1.2s	36.90nm		5.2mb		
SGO	49.78	30	eP	06 36.10	0.9	
ORI	49.98	31	e(P)	06 37.50	0.8	
BGF	50.08	16	eP	06 38.10	0.6	
	1.0s	12.90nm		4.8mb		
AQU	50.27	27	eP	06 40.00	1.0	
AVF	50.43	16	eP	06 40.20	0.7	
	1.1s	5.00nm		4.4mb		
SMF	50.43	16	eP	06 40.10	-0.8	
	1.4s	13.00nm		4.7mb		
LPF	50.54	12	iPc	06 40.70	-0.2	
SSF	50.72	16	eP	06 42.70	0.4	
	0.9s	8.80nm		4.7mb		
LBF	50.78	16	eP	06 43.00	0.1	
	0.9s	9.00nm		4.7mb		
ORO	50.82	20	e(P)	06 41.00	-2.3	
GRR	50.92	12	iPc	06 43.80	0.0	
	1.0s	13.00nm		4.8mb		
LOR	51.01	16	eP	06 44.50	0.0	
	0.9s	11.40nm		4.8mb		
DIX	51.03	20	ePd	06 45.40	0.4	
MMK	51.19	20	ePd	06 47.40	1.2	
FLN	51.35	12	eP	06 46.80	-0.3	
	1.4s	17.40nm		4.8mb		
NAI	51.36	91	eP	06 50.00	2.0	
SAL	51.73	22	eP	06 50.00	0.0	
LLS	52.26	20	ePd	06 53.00	-1.3	
BSF	52.38	18	eP	06 54.10	-0.9	
	1.3s	24.50nm		5.0mb		
HAU	52.39	18	eP	06 54.40	-0.7	
	1.1s	14.60nm		4.8mb		
OSS	52.51	21	ePd	06 55.20	-0.9	
CTI	52.53	23	eP	06 55.00	-1.2	
ZUL	52.58	19	ePd	06 55.80	-0.7	
SAX	52.71	20	ePd	06 56.70	-1.0	
SLE	52.86	19	ePd	06 58.10	-0.5	
CDF	53.04	18	eP	06 58.90	-1.0	
	0.8s	5.30nm		4.5mb		
OHR	53.05	33	eP	07 02.50	2.4	
TRI	53.11	25	iPd	07 00.40	0.1	
			e	07 11.30		
			iS	14 31.00		
			iSS	18 20.00		
VOY	53.42	24	ePc	07 02.50	-0.3	
			i	07 05.90		
			i	07 15.60		
BUH	53.57	19	eP	07 03.30	-0.5	
LJU	53.70	25	P	07 05.00	0.3	
			e	07 08.40		
			e	07 35.80		
			e	08 50.90		
DOU	53.79	15	Pc	07 05.10	-0.1	
SKO	53.99	33	iP	07 07.00	0.1	
			i	07 10.00		
			iS	14 23.00		
			i	18 20.00		
KBA	54.05	23	e(P)	07 06.00	-1.4	
	1.2s	17.70nm		5.0mb		
			i	07 10.30		
			i	07 20.40		
			i	07 29.30		
FUR	54.17	21	eP	07 07.30	-0.8	
VAY	54.18	34	eP	07 16.50	8.3X	
MEM	54.63	16	P	07 11.00	-0.4	
CNCB	54.74	250	P	07 13.50	0.0	
ENN	54.76	16	eP	07 12.00	-0.4	
	1.0s	34.00nm		5.3mb		
ZOBO	54.78	251	iP	07 13.00	-0.8	
	1.0s	21.25nm		5.1mb		
	Z 18s	0.78um		4.8Msz		
LPB	54.80	251	P	07 12.00	-1.8	
	Z 18s	2.06um		5.2Msz		
			S	15 05.00		
			LR	25 02.00		
MMB	55.01	35	iPd	07 18.00	3.6X	
GRB2	55.24	21	eP	07 15.50	-0.5	
	1.2s	33.00nm		5.2mb		
			e	07 18.70		
VTS	55.38	33	iPd	07 18.00	1.0	
WET	55.57	22	iPd	07 18.30	-0.1	
KHC	55.82	22	Pd	07 19.50	-0.7	
	1.1s	18.00nm		5.0mb		
			e	07 59.50		

27d 23h

		e	09	28.00		
		e	10	11.50		
SOP	55.84	25 iPd	07	20.00	-0.3	
	1.2s	21.10nm			5.0mb	
WTS	56.10	16 eP	07	21.70	-0.4	
	1.0s	16.00nm			5.0mb	
		i	07	25.30		
VKA	56.20	24 eP	07	22.50	-0.4	
		i	07	25.50		
TPZ	56.38	245 Pd	07	06.70	-18.4X	
MOX	56.39	26 eP	07	24.00	-0.2	
ZST	56.47	25 e(P)	07	24.00	-0.8	
		i	07	27.60		
SRO	56.70	26 e(P)	07	27.00	0.6	
BUD	56.76	27 e(P)	07	26.00	-0.9	
CLO	56.85	31 eP	07	28.00	0.4	
PRU	56.88	22 eP	07	27.00	-0.7	
Z	19s	1.00um			4.9Msz	
N	19s	0.50um				
E	19s	0.70um				
		e	09	32.00		
EKA	57.23	8 Pd	07	28.50	-1.6	
	1.2s	20.30nm			5.0mb	
BRG	57.39	21 eP	07	30.20	-1.1	
	1.2s	15.00nm			4.9mb	
		e	09	29.60		
CLL	57.42	20 eP	07	31.00	-0.5	
	1.5s	26.00nm			5.0mb	
CGN	57.95	34 eP	07	39.00	3.7X	
JOS	58.20	27 eP	07	37.00	0.0	
WSP	58.23	22 eP	07	36.50	-0.7	
		e	07	39.70		
SPC	58.58	26 eP	07	41.20	1.3	
MLR	58.77	32 eP	07	40.00	-1.2	
ISR	58.87	33 eP	07	45.00	3.2X	
KRA	59.10	25 eP	07	42.50	-0.7	
		e	07	46.00		
VRI	59.44	32 eP	07	55.00	9.3X	
		e	10	06.00		
BOG	59.74	276 eP	07	39.00	-9.7X	
		eS	16	05.00		
MUD	60.72	15 iPd	07	53.90	-0.4	
	0.8s	11.00nm			5.0mb	
COP	60.94	17 eP	07	56.00	0.2	
KONO	63.67	13 eP	08	16.80	2.9	
MB2	65.28	13 P	08	21.20	-3.3X	
	1.0s	10.00nm			5.0mb	
UPP	65.97	17 iP	08	31.40	2.6	
MUR	68.69	20 iP	08	48.10	2.1	
Z	20s	0.70um			4.9Msz	
		i	08	56.20		
		LR	39	00.00		
SUF	70.80	19 iP	08	58.10	-0.7	
	0.7s	10.00nm			5.1mb	
KJF	72.35	18 eP	09	08.00	-0.1	
	0.7s	22.70nm			5.4mb	
		i	09	18.60		
SOD	74.33	15 iP	09	22.40	2.8X	
FRB	76.05	338 eP	09	32.00	2.5X	
KEV	76.18	14 iP	09	33.80	3.7X	
	0.6s	13.00nm			5.2mb	
MHI	77.98	53 eP	09	45.00	4.1X	
DAG	78.03	359 eP	09	41.00	0.8	
LHC	80.87	319 eP	09	58.00	1.9	
OUE	83.32	60 eP	10	15.00	5.4X	
SPA	88.69	180 e(P)	10	42.30	7.1X	
ALO	92.30	305 eP	10	54.30	1.6	
	1.0s	5.50nm			4.9mb	
Z	20s	0.71um			5.1Msz	
MBC	94.77	347 eP	11	13.00	16.0X	
YKA	95.80	333 eP	11	13.80	5.8X	
MBI	142.92	126 ePKP	17	18.00	1.0	
BRK	148.97	158 ePKP	17	35.00	8.1X	
S.D. = 1.0 on 92 of 110 obs.						

FEB 27, 1985 23h 08m 25.80± 0.68s
39.200 N ± 6.3km 25.409 E ± 5.2km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.9 (ATH).

PRK	0.67	86 iPgd	08	39.50	0.4	
		iSg	08	49.00		
ATH	1.81	228 ePn	08	56.80	-0.4	
		eSn	09	28.00		
MMB	2.71	332 iPd	09	10.00	-0.2	
DIM	2.85	3 iP	09	12.00	-0.1	
PLD	2.95	350 iPd	09	14.00	0.5	
		iS	09	55.00		
KZN	3.01	293 ePn	09	14.50	0.0	
VAY	3.03	315 iPn	09	15.00	0.3	
JMB	3.38	15 eP	09	20.00	0.3	
		Sg	10	12.00		
VTS	3.79	334 iPd	09	26.00	0.6	
PVL	3.95	357 iPd	09	27.00	-0.7	
OHR	4.02	300 ePn	09	29.00	0.3	
SKO	4.10	314 ePn	09	30.00	0.2	
		iSn	10	13.50		
MLR	6.30	3 ePc	10	00.00	-1.1	
BRG	14.19	329 iP	11	52.60	3.9X	
S.D. = 0.5 on 13 of 14 obs.						

* FEB 28, 1985 00h 15m 33.48± 0.46s
54.836 S ±17.2km 129.762 W ±10.2km
DEPTH = 10.0km (geophysicist)
4.9mb (6 obs.)
SOUTH PACIFIC CORDILLERA (691)

SPA	35.35	180 iPc	22	31.40	0.7	
	1.2s	42.25nm			5.2mb	
VBA	47.67	99 ePc	24	12.30	0.6	
TCA	50.95	90 ePd	24	36.40	-0.6	
TPZ	56.11	79 P	25	28.00	12.4X	
LPB	60.39	76 eP	25	46.00	0.4	
		S	33	46.00		
		LR	44	28.00		
ZOBO	60.59	76 eP	25	46.10	-1.1	
	1.1s	31.90nm			5.4mb	
CTA	70.40	263 iPc	26	50.30	0.7	
	1.1s	10.76nm			4.9mb	
ASPA	74.51	251 eP	27	13.00	-0.9	
WB2	77.25	254 eP	27	29.00	-0.4	
ITR	83.68	96 eP	28	03.80	0.1	
LTX	86.78	23 eP	28	25.00	6.2X	
	0.9s	1.54nm			4.2mb	
JCT	88.79	26 eP	28	29.00	0.7	
	1.0s	14.00nm			5.2mb	
EUR	94.69	11 iP	29	05.00	9.4X	
	0.5s	0.67nm			4.3mb	
BNG	123.60	141 ePKPd	34	32.10	-0.7	
	0.9s	5.00nm				
		ic	34	40.40		
		ic	34	53.60		
MBC	130.98	3 ePKP	34	46.00	1.0	
EPF	145.88	89 ePKP	35	15.90	2.7X	
LFF	147.25	87 ePKP	35	19.40	4.1X	
DAG	147.30	23 ePKP	35	18.00	3.6X	
LPO	147.36	87 ePKP	35	19.80	4.3X	
NDI	147.40	228 ePKP	35	15.50	-0.5	
MFF	147.69	84 iPKPc	35	20.30	4.4X	
RJF	147.91	87 ePKP	35	20.90	4.5X	
LPF	147.94	81 ePKP	35	21.00	4.7X	
CAF	148.01	88 iPKPc	35	21.60	5.0X	
GRR	148.23	80 ePKP	35	21.70	5.0X	
LSF	148.45	85 ePKP	35	22.30	5.1X	
FLN	148.64	80 ePKP	35	22.90	5.5X	
TCF	148.87	86 ePKP	35	23.80	5.9X	
MZF	149.04	86 ePKP	35	24.10	5.9X	
BGF	149.38	86 iPKPc	35	25.00	6.4X	
AVF	149.80	86 ePKP	35	25.40	6.2X	
FRF	149.85	94 ePKP	35	26.10	6.7X	
SMF	150.01	86 iPKPc	35	26.00	6.4X	
SSF	150.04	85 ePKP	35	26.00	6.4X	
EKA	150.05	67 PKPd	35	29.10	9.8X	
	0.7s	9.60nm				
LBF	150.27	86 ePKP	35	27.00	7.0X	
LOR	150.35	85 ePKP	35	26.90	6.8X	
CVF	150.51	97 ePKP	35	27.40	6.9X	
HAU	152.17	86 ePKP	35	31.20	8.4X	
DOU	152.19	81 PKP	35	31.80	9.1X	
BSF	152.34	86 ePKP	35	31.70	8.6X	
MEM	153.22	81 ePKP	35	44.60	20.5X	
ENN	153.25	80 ePKP	35	36.00	11.9X	
		e	35	44.00		
		e	35	53.00		
KBA	155.73	93 ePKP	35	38.00	10.1X	
		e	36	05.00		
OHR	156.20	113 ePKP	35	40.50	11.9X	
KHC	156.91	89 PKP	35	35.10	5.9X	
		e	36	07.10		
CLL	157.53	84 e(PKP)	35	35.00	5.2X	
S.D. = 0.8 on 13 of 47 obs.						

? FEB 28, 1985 00h 21m 11.99± 0.94s
16.363 N ±48.2km 94.919 W ±27.8km
DEPTH = 33.0km (normal)
OAXACA, MEXICO (60)

OXX	1.87	293 iPd	21	43.50	1.0	
		iS	22	05.80		
VHO	1.94	297 iP	21	43.00	-0.5	
		iS	22	06.00		
COM	2.68	92 iP	22	52.00	58.0X	
TPX	2.94	119 ePc	21	57.50	0.0	
IIT	4.17	310 iPc	22	15.50	0.3	
TPM	4.73	304 eP	22	23.00	-0.1	
III	4.78	295 eP	22	23.00	-0.8	
S.D. = 0.8 on 6 of 7 obs.						

? FEB 28, 1985 02h 50m 55.44± 1.33s
22.435 S ±33.8km 175.805 W ±29.7km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
TONGA ISLANDS REGION (174)

AFI	9.30	25 P	53	10.00	-0.4	
		S	54	49.00		
WB2	46.37	263 eP	59	19.20	-1.5	
EUR	83.14	42 iP	03	19.40	-0.4	
	0.5s	1.33nm			4.3mb	
ALQ	87.03	50 eP	03	38.20	-1.0	
	1.0s	5.00nm			4.7mb	
COL	89.70	12 eP	03	52.00	1.0	
CHG	92.81	289 eP	04	07.50	1.2	
MUD	145.82	355 iPKP	10	33.00	1.1	
	0.8s	4.30nm				
KRA	149.78	340 ePKPc	10	43.70	5.3X	
KSP	150.11	345 ePKP	10	45.00	6.1X	
CLL	150.37	349 iPKPc	10	45.30	6.1X	
	1.1s	14.00nm				
		e	10	56.00		
SPC	150.43	338 ePKP	10	50.50	10.8X	
BRG	150.61	347 ePKP	10	45.60	6.0X	
PRU	151.32	346 ePKP	10	48.00	7.3X	
KHC	152.34	347 PKP	10	50.00	7.7X	
		e	11	02.00		
S.D. = 1.3 on 7 of 14 obs.						

& FEB 28, 1985 04h 42m 08.50s
33.960 N 116.290 W
DEPTH = 10.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.7 (PAS). Felt (IV) at India, Palm Springs and Thousand Palms. Felt (III) at Cabazon and Desert Hot Springs.

TPC	0.25	54 iPc	42	13.20	-0.6	
HAY	0.60	115 iPc	42	19.70	-0.9	
PLM	0.77	218 iPd	42	22.80	-0.9	
SDW	0.92	315 P	42	25.20	-0.9	
SLBC	1.26	221 iP	42	30.90	-1.0	
		eS	42	47.40		
BAR	1.32	194 iPd	42	32.10	-0.7	
MWC	1.49	281 iPc	42	34.90	-0.6	
GLA	1.52	126 P	42	33.30	-2.5	
CBX	1.67	191 iPd	42	36.70	-1.2	
		S	43	00.25		
ENX	2.09	189 iPc	42	43.84	-0.2	
		S	43	13.84		
PBX	2.25	189 iPd	42	49.25	3.0	
		S	43	19.25		
VPEM	2.35	328 P	42	48.30	0.4	
WKTM	2.55	317 P	42	48.40	-2.2	
BLP	3.46	281 P	43	01.60	-1.8	
JAS1	5.19	321 P	43	26.40	-1.6	
EUR	5.52	3 iP	43	31.50	-1.4	
ALO	8.18	80 e(P)	44	08.00	-2.3	
17 obs. associated						

? FEB 28, 1985 05h 12m 37.69± 1.19s
45.807 N ±17.8km 151.244 E ±17.3km
DEPTH = 33.0km (normal)
5.0mb (5 obs.)
KURIL ISLANDS (221)

TSK	12.74	225 eP	15	38.10	-1.1X	
DDR	13.37	227 eP	15	48.40	0.9X	
MDJ	15.30	273 eP	16	14.00	1.2	
CN2	18.39	273 eP	16	43.80	-7.8X	
BJI	26.17	270 eP	18	12.00	1.3	

TIA	27.29	262	eP	18	19.40	-1.6
WHN	32.44	255	eP	19	06.50	-0.2
XAN	34.14	265	P	19	20.90	-0.7
GTA	37.84	279	iPc	19	53.20	0.2
CD2	39.51	265	iPd	20	07.10	0.2
INK	43.15	32	eP	20	42.00	5.8X
CHG	50.63	256	eP	21	36.00	0.3
KKN	54.28	275	eP	22	02.50	-0.6
PKI	54.32	274	eP	22	02.70	-0.9
	0.5s	18.00nm			5.4mb	
DMN	54.51	275	eP	22	04.40	-0.5
	0.6s	27.00nm			5.5mb	
SUF	63.32	335	iP	23	03.70	-1.5
	0.4s	4.80nm			5.0mb	
NUR	65.50	334	iP	22	59.00	-20.3X
WB2	67.21	197	eP	23	31.20	0.5
NB2	68.69	340	P	23	36.60	-3.0X
	0.7s	3.50nm			4.5mb	
KHC	78.51	333	P	24	38.00	1.2
KBA	80.39	332	e(P)	24	48.00	0.8
	0.7s	5.60nm			4.7mb	

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

? FEB 28, 1985 08h 59m 20.07± 4.27s
45.469 N ±31.2km 14.264 E ±15.5km
DEPTH = 10.0km (geophysicist)
YUGOSLAVIA (383)
ML 2.7 (TRI). Felt at Rijeka.

CEY	0.29	23	iPg	59	25.30	-0.9
			i	59	27.00	
			iSg	59	32.70	
TRI	0.42	305	ePg	59	28.10	-0.6
			i	59	28.80	
			iSg	59	37.80	
LJU	0.60	18	iPg	59	32.40	0.1
			i	59	32.90	
			iSg	59	42.90	
VOY	0.62	335	iPg	59	32.40	-0.2
			iSg	59	45.80	
KBA	1.73	339	iPgd	59	52.10	1.6
			i	59	53.70	
			iSg	00	16.90	
			i	00	18.60	
CTI	1.92	288	ePg	59	53.00	-0.2
			eSg	00	25.00	

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

& FEB 28, 1985 09h 21m 01.13s
59.888 N 153.237 W
DEPTH = 112.1km
SOUTHERN ALASKA (2)
<AGS-P>.

ILM	0.36	35	iP	21	17.10	-0.6
			eS	21	30.40	
PDB	0.49	259	eP	21	17.31	-1.1
			iS	21	30.28	
AUH	0.54	191	eP	21	18.75	0.0
RDT	0.80	31	iP	21	20.55	-0.4
			iS	21	35.73	
NNL	0.99	80	iP	21	22.92	0.3
BRLK	1.19	95	iP	21	23.82	-1.1
			iS	21	42.07	
NKA	1.31	48	eP	21	27.53	1.3
			eS	21	46.20	
SPU	1.42	24	eP	21	27.45	-0.1
			iS	21	48.83	
SLKM	1.63	66	eP	21	29.17	-0.9
			iS	21	49.32	
SVW	1.70	317	eP	21	29.61	-1.3
			eS	21	52.68	
SEW	1.92	82	iP	21	32.42	-1.1
			iS	21	56.70	
SUA	2.00	37	eP	21	34.97	0 1
			iS	22	00.60	
MPA	2.03	71	iP	21	33.97	-1.0
KDC	2.18	169	iP	21	33.73	-3.3
			iS	21	59.83	
SKT	2.26	21	eP	21	37.60	-0.5
PMS	2.27	52	eP	21	37.40	-0.8
			iS	22	02.80	
PTE	2.31	63	eP	21	37.33	-1.3
KNK	2.81	55	eP	21	43.38	-2.0
MSE	2.86	45	iP	21	44.75	-1.4
SML	3.08	49	eP	21	46.93	-2.0

20 abs. associated

FEB 28, 1985 10h 14m 47.62± 0.75s
42.064 N ± 8.3km 142.585 E ± 9.6km
DEPTH = 38.2 ± 7.0 km
4.7mb (13 obs.)
HOKKAIDO, JAPAN REGION (224)
Felt (I JMA) at Urakawa.

URA	0.17	57	iPd	14	53.80	-0.7
			iS	14	59.30	
OBI	0.98	29	eP	15	05.00	0.0
			iS	15	20.10	
SAP	1.36	317	eP	15	11.00	0.6
			iS	15	27.50	
HAK	1.39	260	eP	15	11.00	0.2
			S	15	28.10	
TSK	6.15	199	eP	16	17.30	-1.2
DDR	6.61	205	eP	16	27.00	2.1
			e	17	40.10	
BJI	20.00	273	(P)	19	15.00	-4.6X
COL	44.41	35	eP	22	57.00	1.0
KKN	48.25	272	eP	23	28.60	1.6
	0.8s	36.00nm			5.5mb	
PKI	48.27	272	eP	23	26.60	-0.7
	0.7s	30.00nm			5.4mb	
DMN	48.48	272	eP	23	28.30	-0.5
	0.6s	10.00nm			5.0mb	
INK	49.54	29	eP	23	36.00	-0.1
YKA	59.04	32	eP	24	46.50	0.9
KEV	59.08	339	eP	24	42.00	-3.9X
SOD	60.70	336	eP	24	55.00	-2.0
WB2	62.16	189	eP	25	06.20	-1.1
KJF	62.41	333	eP	25	07.00	-1.5
GBA	62.60	264	Pc	25	08.50	-1.9
	0.5s	3.60nm			4.8mb	
SUF	63.92	333	iP	25	17.20	-1.3
	0.5s	4.40nm			4.8mb	
NUR	65.96	331	iP	25	30.30	-1.3
FFC	69.01	34	eP	25	51.00	0.1
	0.7s	4.00nm			4.6mb	
NB2	69.91	337	P	25	52.40	-4.0X
	0.7s	4.60nm			4.6mb	
FRB	71.68	14	eP	26	06.00	-0.9
LBF	84.03	333	iPd	27	15.70	0.4
	0.7s	1.40nm			4.2mb	
SSF	84.12	333	eP	27	16.30	0.6
	0.6s	1.20nm			4.2mb	
SMF	84.37	333	iPd	27	17.40	0.5
	0.7s	3.30nm			4.6mb	
AVF	84.41	333	iPd	27	17.80	0.7
	0.7s	5.00nm			4.8mb	
MZF	85.17	333	iPd	27	22.20	1.2
	0.7s	4.40nm			4.8mb	
LFF	86.91	334	iPd	27	31.20	1.7
	0 6s	5.60nm			5.0mb	
LPO	86.98	334	eP	27	31.50	1.6

S.D. = 1.2 on 27 of 30 obs.

& FEB 28, 1985 11h 09m 01.40s
42.985 N 110.820 W
DEPTH = 0.7km
WYOMING (460)
<SLC>. ML 3.5 (SLC).

TMI	0.87	292	P	09	18.30	-0.4
IMW	0.92	355	P	09	18.70	-1.0
BDW	0.94	102	P	09	19.70	-0.5
HPI	1.81	294	P	09	34.10	-0.2
DAU	2.59	187	P	09	46.00	0.5
LRM	3.07	338	ePn	09	54.10	1.9
			ePg	09	58.30	
DUG	3.16	209	P	09	53.00	-0.5
SXM	3.18	355	ePn	09	58.90	5.2
			ePg	10	03.20	
BUT	3.27	338	ePg	10	04.60	9.5
			eSg	10	43.00	
HRY	3.79	349	ePn	10	08.70	6.2
			ePg	10	12.80	
EUR	5.23	230	eP	10	27.00	4.1
GOL	5.25	127	P	10	20.00	-3.3
BMN	5.43	244	P	10	26.50	0.8
ALQ	8.72	156	e(P)	11	13.00	1.1

14 obs. associated

FEB 28, 1985 11h 10m 16.83± 0.12s
19.161 S ± 3.6km 168.744 E ± 3.1km
DEPTH = 48.6km (12 depth phases)
5.5mb (45 obs.) 5.3Msz (8 obs.)

VANUATU ISLANDS (186)
Ms 5.4 (BRK).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 24C
Centroid Location:
Origin Time 11:10:23.8 0.2
Lat 19.17S 0.03 Lon 168.23E 0.03
Dep 60.7 1.7 Half-duration 3.0
Moment Tensor; Scale 10**24 D-CM
Mrr= 5.57 0.13 Mtt= 1 99 0.31
Mff=-7.56 0.29 Mrt=-0 52 0 19
Mrf= 0 29 0.21 Mtf= 0 65 0 15
Principal Axes:
T Val= 5.65 Plg=82 Azm=185
N 1.97 8 356
P -7.62 1 86
Best Double Couple:Mo=6.6*10**24
NP1:Strike=184 Dip=44 Slip= 101
NP2: 348 47 79

PVC	1.47	344	iPd	10	42.90	1.6
			iS	10	56.00	
NOU	3.80	214	iPd	11	13.50	-0.8
			iS	11	55.00	
KOU	4.43	251	iPc	11	21.80	-1.4
SVA	9.27	85	ePc	12	34.60	3.8X
VUN	9.29	84	eP	12	35.60	4.5X
HNR	12.89	317	eP	13	18.00	-1.7
			eS	14	40.00	
VSG	13.17	317	eP	13	25.00	1.5
PAA	18.16	313	eP	14	30.00	2.7X
BGA	18.48	313	eP	14	32.00	0.7
AFI	19.38	77	P	14	29.00	-12.8X
KRP	19.61	164	P	14	44.70	0.6
GNZ	21.02	159	P	14	58.00	-0.6
			(pP)	15	18.00	96kmX
			(sP)	15	32.00	
			S	18	56.00	
CTA	21.20	264	iPd	15	02.20	1.6
	1.0s	192.00nm			5.4mb	
Z	22s	11.30um			5.2Msz	
			iS	18	56.00	
RIV	21.43	224	eP	15	03.00	0.3
			e	15	05.00	7kmX
			eS	19	00.00	
MNG	22.15	166	P	15	10.20	0.2
			e	15	15.30	18kmX
TCW	22.48	169	Pc	15	14.40	1.2
WEL	22.65	168	P	15	16.20	1.4
PMG	23.03	292	eP	15	21.00	2.2
	0.9s	168.07nm			5.5mb	
CAN	23.75	223	iPc	15	27.50	1 9
			iPP	15	40.10	
CMS	24.02	235	eP	15	29.00	0.7
	0.5s	40.00nm			5.2mb	
WAM	24.36	222	iPc	15	33.30	1.8
			ipP	15	44.70	44km
			e	19	11.30	
LAT	24.53	298	eP	15	35.00	1.7
MSZ	25.45	181	eP	15	43.00	1.3
			e	15	50.10	25kmX
			e	15	57.50	
TOO	27.36	223	eP	16	00.00	0.6
ISQ	27.47	262	eP	16	01.00	0.4
STK	27.50	237	eP	16	01.00	0.3
BFD	29.10	226	eP	16	16.00	0.9
TAU	29.79	213	eP	16	32.00	10.8X
ADE	30.88	233	iPd	16	31.20	0.2
WB2	32.39	263	eP	16	42.20	-2 1
ASPA	32.70	256	iPc	16	46.00	-1.6
	0.5s	118.00nm			6.0mb	
MTN	36.64	274	eP	17	20.00	-0.8
	0.4s	120.00nm			6.2mb	
KNA	38.23	269	iPd	17	33.80	-0.3
TBI	39.08	104	iP	17	43.00	1.9
	0.9s	155.00nm			5.8mb	
AFR	39.34	95	eP	17	47.00	3.7X
	1.1s	55.00nm			5.3mb	
PPT	39.52	95	eP	17	49.00	4.1X
	1.0s	80.00nm			5.5mb	
PPN	39.66	95	eP	17	50.00	3.9X
	1.0s	45.00nm			5.2mb	
TVO	39.80	95	eP	17	51.00	3.8X
	1.0s	70.00nm			5 4mb	
GUA	40.09	322	e(P)	17	45.00	-4.5X
PMO	41.58	91	iP	18	03.10	1.3

28d 11h

1.0s 90.00nm 5.5mb
epP 18 09.00 20kmX
VAH 41.78 92 iP 18 04.40 1.0
1.0s 40.00nm 5.1mb
epP 18 10.00 19kmX
TPT 41.84 91 iP 18 05.20 1.3
1.0s 60.00nm 5.3mb
epP 18 11.00 20kmX
RUV 42.02 92 iP 18 06.50 1.1
1.0s 50.00nm 5.2mb
epP 18 12.00 18kmX
MBL 45.82 259 iPd 18 36.30 0.3
MEK 46.60 251 iPd 18 42.00 -0.2
1.1s 244.00nm 6.0mb
KLB 47.32 244 iPd 18 48.00 0.2
NWAO 47.83 243 eP 18 51.00 -0.8
Z 20s 5.60um 5.5Msz
N 20s 0.70um
E 20s 5.60um
RKG 48.10 241 eP 18 54.00 0.2
BAL 48.19 246 eP 18 56.00 1.4
MPMA 48.80 248 eP 19 00.00 0.7
NAL 49.66 256 iPd 19 06.50 0.5
0.5s 23.00nm 5.5mb
DAV 49.89 297 eP 19 08.00 0.2
PCI 51.22 285 eP 19 20.50 2.6X
1.0s 6.00nm 4.6mb
CGP 51.36 298 iPc 19 18.50 -0.5
iS 19 22.00
RKT 52.38 105 iP 19 42.00 15.4X
1.2s 60.00nm
PPR 57.06 296 ePd 20 01.00 0.2
KKM 57.47 291 ePc 20 03.30 -0.4
MAN 57.72 302 eP 20 05.70 0.4
SBA 58.74 180 iPc 20 12.20 0.6
CVP 58.88 306 eP 20 13.00 -0.4
BAG 59.10 304 eP 20 14.00 -1.2
1.0s 100.00nm 5.9mb
eS 28 20.00
KYS 60.49 333 eP 20 24.20 0.0
LEM 60.54 273 ePc 20 26.00 0.8
OYM 61.07 333 eP 20 27.30 -0.9
SRY 61.22 333 eP 20 28.00 -1.1
TSK 61.37 334 eP 20 29.50 -0.7
DDR 61.58 333 eP 20 31.70 0.0
SHK 63.47 327 iPc 20 44.00 -0.1
QZH 65.61 310 Pc 20 58.00 -0.1
pP 21 13.00 54km
S 29 44.00
HKC 67.40 305 eP 21 11.00 1.4
KGM 67.57 281 ePc 21 11.30 0.3
0.8s 112.50nm 6.0mb
e 21 25.70 51km
SSE 67.69 317 eP 21 10.80 -0.5
1.0s 56.00nm 5.6mb
Z 24s 1.50um 5.1MszX
N 32s 1.80um
i 21 25.20 51km
S 30 04.00
GZH 68.46 305 Pc 21 17.40 1.1
eS 30 09.00
QIZ 69.14 300 eP 21 21.20 0.7
PPI 69.43 277 eP 21 20.70 -1.7
NJ2 69.83 316 Pc 21 24.50 0.0
pP 21 39.00 51km
S 30 32.00
IPM 70.65 282 iPc 21 29.10 -0.8
0.8s 52.60nm 5.5mb
e 21 40.10 36kmX
SPA 70.96 180 iPc 21 31.20 0.1
1.0s 86.00nm 5.6mb
SMY 71.74 3 eP 21 35.90 0.3
PSI 71.91 279 ePc 21 36.70 -0.8
0.7s 52.30nm 5.6mb
WHN 71.95 312 iPc 21 38.00 0.7
DL2 72.67 323 P 21 42.00 0.6
MDJ 72.83 332 iPc 21 43.00 0.7
S 31 02.00
TIA 73.58 319 Pc 21 47.00 0.2
eS 31 15.80
SNY 73.66 326 Pc 21 47.00 -0.1
S 31 15.00
CN2 74.15 329 iPc 21 50.30 0.4
pP 22 04.30 49km
eS 31 16.00
LOE 75.20 295 eP 21 56.00 -0.5
GYA 75.39 305 P 21 58.40 0.7

NST 75.85 292 eP 22 01.80 1.6
BSI 76.27 281 ePd 22 04.50 1.8
0.5s 60.00nm 5.8mb
BJI 76.58 321 eP 22 04.50 0.6
KHT 76.84 291 ePc 22 06.30 0.5
TIY 77.46 317 iPc 22 09.50 0.6
S 32 00.00
BDT 77.49 293 eP 22 09.90 0.6
XAN 77.71 313 iPc 22 11.30 0.9
KMI 77.84 302 iPc+ 22 13.00 1.5
pP 22 25.00 40km
S 32 04.00
CHG 78.19 295 iPc 22 14.80 1.5
0.8s 11.19nm 4.9mb
SDN 78.68 17 eP 22 13.90 -1.2
CD2 79.82 308 P 22 23.20 1.3
pP 22 38.00 52km
S 32 23.00
HHC 79.86 320 Pc 22 23.50 1.5
BTO 80.67 319 iPc 22 27.40 1.1
PAF 81.08 221 eP 22 35.00 6.8X
eS 32 50.00
LZH 82.33 312 iPc 22 36.50 1.4
2.0s 283.00nm 6.0mb
pP 22 50.00 46km
KDC 83.12 20 eP 22 38.80 0.3
SVW 84.96 17 ePc 22 48.50 0.7
GCC 85.86 49 ePc 22 53.70 1.0
NWRM 85.90 47 P 22 54.20 1.3
PRS 85.98 49 ePc 22 54.60 1.2
BRK 86.06 48 ePc 22 54.70 1.0
BKS 86.08 48 eP 22 55.10 1.3
1.0s 78.00nm 5.9mb
Z 20s 1.50um 5.4Msz
N 20s 1.10um
E 20s 1.10um
ePcP 22 58.00
epP 23 08.20 44km
e 23 14.00
eS 33 40.00
ePPS 34 52.00
eSS 39 05.00
eLQ 45 42.00
eLR 49 37.00
SAO 86.13 49 eP 22 54.80 0.7
MHC 86.25 48 ePc 22 56.00 1.2
FHC 86.28 45 ePc 22 56.30 1.5
ARN 86.33 49 P 22 56.30 1.2
TTA 86.38 15 P 22 55.00 0.2
0.7s 13.08nm 5.3mb
PRI 86.41 50 iPc 22 57.00 1.4
GTA 86.73 314 iPc 22 58.40 1.2
eS 33 23.00
RMT 86.74 46 P 22 58.90 2.0
AIA 86.76 160 e(P) 22 58.00 1.3
WDC 87.14 45 ePc 23 00.00 1.1
e 23 15.50 54km
PMR 87.21 19 P 22 57.60 -1.1
PME 87.26 19 eP 22 58.00 -1.0
0.7s 11.40nm 5.2mb
ORV 87.37 47 iPc 23 00.80 0.8
PAS 87.37 53 eP 23 00.00 -0.2
JAS1 87.38 48 iPc 23 01.00 0.9
e 23 06.80 18kmX
e 23 15.00
e 26 26.40
e 26 49.60
FRI 87.47 49 ePc 23 01.40 0.8
MWC 87.49 53 eP 23 00.00 -1.0
MIN 87.66 46 ePc 23 02.10 0.5
ISA 87.79 51 eP 23 02.00 -0.3
SBB 87.86 52 eP 23 02.00 -0.6
BAR 87.90 54 eP 23 03.00 0.2
PLM 88.03 54 eP 23 03.00 -0.6
CWC 88.41 51 eP 23 05.00 -0.4
CLC 88.51 51 eP 23 05.00 -0.7
GSC 88.88 52 eP 23 07.00 -0.5
TPC 88.96 53 eP 23 07.00 -0.9
LSA 89.09 302 Pc 23 08.60 -0.5
MNA 89.21 49 ePc 23 09.90 0.8
PHC 89.24 35 eP 23 10.00 1.4
GLA 89.47 55 eP 23 10.00 -0.3
BFW 89.52 40 P 23 11.30 1.1
IMA 89.56 14 eP 23 09.70 -0.4
COL 90.14 17 iP 23 11.20 -1.4
0.7s 15.75nm 5.5mb
FBA 90.14 17 eP 23 11.10 -1.5

0.7s 31.40nm 5.8mb
GMW 90.28 39 P 23 14.70 1.0
PGC 90.42 38 eP 23 15.00 0.8
LON 90.50 40 P 23 15.20 0.5
SNA 90.54 183 e(P) 23 13.50 -1.1
BMN 90.70 47 iP 23 16.80 0.8
1.0s 38.75nm 5.8mb
e 23 30.80 47km
MCW 90.80 38 P 23 17.50 1.5
EUR 91.19 48 iP 23 19.00 0.7
0.2s 46.05nm 6.6mb X
PNT 92.97 38 eP 23 27.00 1.0
0.9s 31.00nm 5.7mb
PKI 93.03 298 iPc 23 27.40 0.2
1.2s 95.00nm 6.1mb
KKN 93.21 298 iPc 23 28.20 0.3
1.0s 68.00nm 6.0mb
DMN 93.29 298 iPc 23 29.00 0.7
1.0s 106.00nm 6.2mb
BRW 93.30 11 eP 23 27.70 0.7
GCA 93.41 52 eP 23 30.50 2.0
MSU 93.55 51 P 23 30.00 0.8
RMU 93.92 52 iP 23 31.80 1.0
NEW 94.02 40 P 23 30.50 -0.4
1.0s 12.25nm 5.3mb
GBA 95.58 282 Pc 23 39.20 0.6
1.2s 30.40nm 5.7mb
HYB 95.74 286 ePc 23 40.00 0.6
1.0s 25.00nm 5.7mb
INK 96.62 18 eP 23 41.00 -1.2
ALQ 96.64 55 eP 23 43.00 -0.4
0.7s 8.22nm 5.4mb
Z 20s 1.06um 5.3Msz
WMQ 96.81 314 iPc 23 44.50 0.7
BDW 96.90 47 eP 23 44.00 -0.4
1.0s 3.60nm 4.9mb
LTX 97.14 62 eP 23 46.20 0.6
SES 98.50 40 eP 23 51.00 -0.2
GOL 98.93 51 eP 23 54.20 0.5
0.8s 2.38nm 4.8mb
Z 17s 0.50um 5.1MszX
GLD 99.06 51 e(P) 23 50.00 -4.1X
Z 18s 0.55um 5.1Msz
JCT 100.68 61 ePdiff24 01.00 -0.6
0.8s 4.48nm 5.1mb
Z 22s 1.56um 5.5Msz
YKA 100.81 27 ePdiff24 01.90 0.5
YKC 100.87 27 ePdiff24 02.40 0.8
0.6s 9.00nm 5.6mb
RSSD 101.15 47 ePdiff24 06.80 3.2X
0.8s 3.17nm 5.0mb
LHC 111.97 45 ePKP 28 46.00 -2.2
ALE 113.67 6 ePKP 28 49.00 -1.7
0.6s 2.00nm
CNCB 113.77 119 PKP 28 54.00 0.6
LPB 113.81 119 PKP 28 52.00 -1.3
SKS 39 44.00
LR 04 18.00
ZOBO 113.92 118 ePKP 28 52.10 -1.6
1.0s 2.00nm
MHI 116.36 302 ePKP 28 56.00 -1.2
SEK 119.65 220 ePKP 29 03.00 -0.8
0.5s 24.65nm
BLF 119.92 218 ePKP 29 04.00 -0.3
VIR 120.29 219 ePKP 29 05.30 0.3
0.5s 30.99nm
BFS 121.20 220 iPKPd 29 06.40 -0.3
0.5s 49.30nm
OTT 121.24 48 ePKP 29 04.50 -1.5
0.6s 40.00nm
FRB 121.29 26 ePKPc 29 03.40 -2.1
KSR 121.88 221 iPKPd 29 07.50 -0.6
0.9s 24.62nm
RSNY 122.14 49 e(PKP)29 05.00 -2.8X
Z 22s 2.12um 5.7Msz
DAG 122.23 2 iPKPc 29 05.00 -2.0
0.5s 11.27nm
SKLY 122.37 50 PKP 29 06.00 -2.2
MNT 122.70 48 ePKP 29 07.00 -1.8
TET 123.65 234 ePKP 29 12.00 0.5
KEV 124.35 345 iPKP 29 10.60 -0.7
0.8s 41.10nm
BNH 124.47 49 PKP 29 11.00 -1.3
BUL 124.75 227 iPKPc 29 14.00 0.3
ipPKP 29 26.00
MTD 124.78 232 iPKPc 29 14.00 0.2
ipPKP 29 26.00

SCH	125.15	36	ePKPc	29	11.00	-2.3
VAO	125.48	139	ePKP	29	14.00	-1.0
			e	29	16.50	
MIM	125.94	48	PKP	29	13.70	-1.4
SOD	126.12	343	iPKP	29	13.80	-1.0
KRI	126.21	231	ePKP	29	16.00	-0.7
			epPKP	29	28.00	
TRO	126.28	347	ePKP	29	13.80	-1.2
KJF	127.95	340	ePKP	29	05.00	-13.4X
	0.8s	61.60nm				
			i	29	18.20	
SJG	128.16	82	iPKPc	29	18.30	-1.9
LSZ	128.25	231	iPKPd	29	21.00	0.4
	1.1s	425.00nm				
NAI	128.64	252	ePKP	29	13.00	-8.5X
	0.6s	16.67nm				
SUF	129.46	339	ePKP	29	07.00	-14.3X
NUR	131.48	337	ePKP	29	13.00	-12.2X
	0.8s	48.40nm				
			i	29	24.50	
			i	30	06.50	
			ePP	32	34.00	
UPP	134.38	340	iPKP	29	30.50	-0.2
NB2	135.25	345	PKP	29	19.80	-12.6X
	0.8s	17.30nm				
KONO	136.86	345	ePKP	29	28.20	-7.2X
VRI	138.94	319	ePKP	29	40.00	0.2
ISR	139.39	318	ePKP	29	43.00	2.3
SOB1	139.40	131	ePKP	29	31.30	-10.2X
MLR	139.60	319	ePKP	29	37.00	-4.1X
MUD	139.74	343	iPKP	29	34.00	-6.8X
	1.0s	24.00nm				
KRA	140.41	328	iPKPd	29	43.80	1.6
			e	29	47.50	
			e	32	41.00	
			e	32	42.70	
JMB	140.52	314	iPKP	29	43.00	0.3
COZ	140.67	320	ePKP	29	40.00	-3.1X
SPC	140.81	327	ePKP	29	38.30	-5.0X
DIM	141.37	314	ePKP	29	44.00	-0.2
ITR	141.44	134	ePKP	29	36.70	-8.5X
			e	29	39.20	
			i	29	42.30	
			i	29	48.50	
KSP	141.60	332	ePKP	29	38.80	-5.6X
	1.0s	37.00nm				
KDZ	141.70	314	iPKPd	29	38.00	-6.9X
CLO	141.73	320	ePKP	29	40.00	-4.8X
BUD	142.51	326	ePKP	29	42.00	-4.0X
BRG	142.59	334	iPKPc	29	42.10	-4.0X
			i	31	43.60	
CLL	142.65	335	iPKP	29	42.00	-4.2X
	1.5s	56.00nm				
SRO	142.67	327	e(PKP)	29	46.00	-0.3
VTS	142.71	316	iPKP	29	43.00	-3.5X
MMB	142.82	315	iPKPd	29	43.00	-3.8X
PRU	142.99	332	PKP	29	43.30	-3.5X
	1.6s	50.00nm				
	Z 24s	1.40um				5.6MszX
			e	30	29.10	
ZST	143.04	328	e(PKP)	29	47.50	0.6
			i	29	49.50	
			i	29	52.00	
BEO	143.27	321	iPKP	29	44.60	-2.8X
EKA	143.37	352	PKPd	29	42.70	-4.6X
	0.8s	35.20nm				
VKA	143.38	329	iPKPc	29	46.30	-1.2
	0.8s	56.80nm				
WIT	143 63	342	ePKP	29	46.50	-1.2
SOP	143.65	328	iPKPc	29	45.50	-2.5
	1.6s	78.90nm				
MOX	143 72	335	ePKPc	29	45.00	-3.0X
	1.3s	199.00nm				
VAY	143 72	315	iPKP	29	45.00	-3.3X
NPS	143.74	304	ePKP	29	47.00	-1.6
HOF	143.87	335	iPKPc	29	45.90	-2.4
KHC	144.05	332	iPKP	29	47.00	-1.7
	1.0s	100.00nm				
			e	30	01.80	
			e	30	40.70	
			e	33	03.50	
SKO	144.15	317	iPKPc	29	47.40	-1.7
	1.2s	400.00nm				
			i	29	59.90	
ATH	144.30	309	iPKPc	29	45.20	-4.2X
WTS	144.30	341	ePKPd	29	47.50	-1.4
	0.8s	91.00nm				
WET	144.34	333	iPKPc	29	47.60	-1.6
KMR	144.57	330	iPKP+	29	49.00	-0.6
GRF	144.62	335	iPKPc	29	48.90	-0.7
	Z 21s	0.40um				5.2Msz
DBN	144.69	342	ePKP	29	52.00	2.4
	Z 24s	0.80um				5.4MszX
KZN	144.72	314	iPKPd	29	48.50	-1.7
OHR	144.99	316	iPKPc	29	49.90	-0.7
			i	30	02.60	
BNS	145.07	340	iPKPc	29	50.10	-0.2
	1.1s	710.00nm				
PLH	145.15	340	ePKPc	29	50.30	0.0
TNS	145.25	338	iPKPc	29	50.70	0.0
BHG	145.40	331	iPKPd	29	50.60	-0.4
BRY	145.49	320	e(PKP)	29	50.50	-1.0
GSH	145.52	340	ePKPc	29	51.30	0.2
ENN	145.64	341	ePKP	29	51.50	0.2
	0.8s	240.00nm				
KBA	145.65	330	ePKP	29	49.30	-2.4
	1.0s	215.00nm				
			i	29	50.50	
			i	29	51.70	
			i	29	53.80	
			i	30	08.70	
			e(PP)	33	09.50	
			i	33	17.70	
MEM	145.75	340	PKPc	29	51.80	0.4
FUR	145.78	333	iPKPc	29	52.50	0.8
LJU	145.79	327	ePKP	29	51.40	-0.3
			e	30	05.00	
UCC	146.09	342	PKPc	29	53.10	1.1
VOY	146.12	328	ePKP	29	51.00	-1.4
			e	29	52.90	
			i	30	13.50	
GAP	146.40	332	ePKP	29	54.70	2.0
TRI	146.41	328	i(PKP)	29	52.30	-0.4
			i	30	05.10	
			i	30	22.30	
			e(PP)	33	36.00	
			e(PSKS	43	20.00	
			e(PPS)	46	28.00	
			e(SS)	52	52.00	
			e(SSS)	58	16.00	
VLS	146.48	311	iPKPd	29	54.50	1.4
WLF	146.52	339	PKPc	29	54.20	1.5
BUH	146.61	336	ePKP	29	52.70	-0.3
DOU	146.64	341	PKPc	29	55.00	2.1
			i	29	57.20	
CTI	147.20	330	ePKP	29	54.00	-0.1
SLE	147.25	335	ePKPd	29	53.20	-0.8
SAX	147.31	334	ePKPd	29	54.20	-0.3
OSS	147.41	332	ePKPd	29	54.30	-0.2
BNG	147.45	247	iPKPc	29	55.00	-0.4
	1.0s	210.00nm				
			id	29	58.50	
			id	30	12.60	
ZUL	147.52	335	ePKPd	29	54.20	-0.3
LLS	147.76	334	ePKPd	29	54.70	-0.4
BSF	147.85	337	ePKP	29	53.90	-1.2
VDL	147.86	333	ePKPd	29	55.20	-0.1
HAU	147.87	338	ePKP	29	53.80	-1.2
SAL	148.05	331	ePKP	29	55.00	-0.3
ORI	148.38	317	ePKP	30	02.50	6.5X
DUI	148.67	321	ePKP	30	00.00	3.6X
SGO	148.81	319	ePKP	30	00.50	3.8X
MMK	148.84	334	ePKPd	29	57.00	0.1
AOU	148.85	323	ePKP	30	02.00	5.2X
DIX	149.05	334	ePKPd	29	57.50	0.2
ORO	149.18	333	ePKP	30	01.00	3.7X
FLN	149.21	346	iPKPc	29	56.20	-0.9
MNS	149.23	324	ePKP	29	56.70	-0.6
EMS	149.25	335	ePKPd	29	57.40	-0.1
LDF	149.29	345	ePKP	29	56.10	-1.1
LOR	149.36	340	ePKP	29	56.60	-0.8
LBF	149.57	339	ePKP	29	57.00	-0.7
GRR	149.65	346	ePKP	29	56.10	-1.6
SSF	149.66	340	ePKP	29	57.00	-0.8
SMF	149.91	339	iPKPc	29	57.10	-1.1
AVF	149.95	340	ePKP	29	57.00	-1.2
LPF	150.03	346	iPKPc	29	56.80	-1.5
BGF	150.32	340	iPKPc	29	58.20	-0.6
MZF	150.70	340	iPKPc	29	58.90	-0.5
TCF	150.76	341	ePKP	29	59.00	-0.5
LSF	151.00	342	ePKP	29	59.10	-0.8
CVF	151.11	328	ePKP	29	59.80	-0 4
MFF	151.15	344	iPKPc	29	59.30	-0.7
FRF	151.40	332	iPKPc	30	00.00	-0.5
LRG	151.61	332	iPKPc	30	00.00	-0.8
LMR	151.64	332	ePKP	30	00.10	-0.8
RJF	151.85	341	ePKP	30	00.80	-0.4
CAF	152.02	340	ePKP	30	01.00	-0.5
LFF	152.43	341	ePKP	30	01.60	-0.4
LPO	152.52	341	ePKP	30	02.00	-0.1
EPF	154.27	340	ePKP	30	04.40	-0.3
LGR	155.62	344	e(PKP)	30	19.00	12.5X
EBR	156.18	338	ePKP	30	11.00	3.8X
			ePP	34	16.00	
TOL	158.44	345	(PKP)	30	11.00	0.9
			PKKP	30	46.00	
			e	31	00.00	
			ePP	34	49.00	
			e(PS)	47	45.00	
MAL	161.50	342	ePKP	30	11.70	-1.6
			ePKKP	30	57.00	
			iPP	34	44.00	
KIC	165.78	207	ePKP	30	18.20	0.2
			e	31	18.50	
			(PP)	34	41.00	
	S.D. = 1.1		on 270 of 319 obs.			

& FEB 28, 1985 12h 37m 44.87s
42.977 N 110.788 W
DEPTH = 0.1km
WYOMING (460)
<SLC>. ML 3.1 (SLC).

TMI	0.89	292	P	38	03.00	0 4
BDW	0.92	102	P	38	02.90	-0.3
IMW	0.93	353	P	38	02 40	-0.9
HPI	1.84	294	P	38	17.80	-0.4
DAU	2.59	188	P	38	30.00	1.0
LRM	3.08	338	ePn	38	38.70	2.7
			ePg	38	42.20	
DUG	3.17	209	P	38	38.00	0.9
SXM	3.19	355	ePn	38	41.90	4.5
			ePg	38	45.20	
BUT	3.29	338	(Pg)	38	40.00	1.1
			eSg	39	26.90	
EUR	5.24	230	eP	39	10.20	3.6
	0.3s	0.96nm				3.9mb X
	10 obs. associated					

? FEB 28, 1985 13h 07m 53.85± 5.73s
43.243 N ±48.5km 1.194 E ±53.6km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 3.1 (LDG).

EPF	0.66	252	Pn	08	07.00	0.0
LPO	1.44	360	Pg	08	26.70	6.7X
			Sg	08	57.30	
LFF	1.72	349	Pg	08	24.80	0.8
			Sg	08	54.80	
CAF	1.80	20	Pn	08	27.80	2.7X
			Sn	09	02.50	
RJF	2.07	6	Pn	08	27.70	-1.4
			Sn	09	02.00	
LSF	3.02	4	Pn	08	41.70	-0.8
			Sn	09	19.40	
TCF	3.13	13	Pn	08	45.60	1.5
			Sn	09	26.70	
	S.D. = 1.6		on 5 of 7 obs.			

% FEB 28, 1985 13h 49m 34.64± 0 86s
42.080 N ± 9.3km 24.470 E ± 7.4km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

MMB	0.74	229	iPgd	49	50.00	0.8
KDZ	0.79	123	iPgc	49	49.00	-1.0
VTS	1.08	299	ePg	49	54 00	-0.8
			iSg	50	07.00	
PVL	1.19	26	eP	49	57.00	0.3
JMB	1.62	75	iPc	50	04.00	0.8
			Sg	50	28.00	
	S.D. = 1.2		on 5 of 5 obs.			

• FEB 28, 1985 16h 55m 47.22± 0.99s
27.962 N ±12.8km 33.817 E ± 8.2km
DEPTH = 10.0km (geophysicist)
4.6mb (9 obs.) 3.8Msz (1 obs.)
ARAB REPUBLIC OF EGYPT (553)

PRNI	2.59	23	eP	56	31.00	1.1

28d 16h

HLW	2.88	312	iPc	56	34.00	0.1
			i	56	46.00	
			iS	57	12.00	
DOR	3.61	12	eP	56	46.00	1.6
JER	3.98	17	eP	56	50.00	0.3
CSS	6.99	357	eP	57	31.50	-0.7
TAB	14.53	43	eP	59	26.00	11.0X
KDZ	15.30	335	iPc	59	25.00	0.2
MMB	15.90	331	eP	59	33.00	0.3
VAY	16.20	328	eP	59	36.00	-0.5
SHI	16.49	80	eP	59	40.00	-0.3
OHR	16.92	324	eP	59	38.50	-7.1X
SKO	17.24	327	iP	59	48.50	-1.1
MLR	18.58	342	eP	00	14.00	7.7X
ORI	18.74	315	eP	00	09.00	0.9
SGO	19.75	314	e(P)	00	19.00	-1.1
DUI	20.90	316	eP	00	39.60	7.6X
MNS	22.40	315	eP	01	13.50	26.3X
JOS	22.94	337	eP	00	53.60	1.2
	1.0s	10.60nm			4.3mb	
MHI	23.23	63	eP	00	40.00	-15.5X
SPC	23.63	337	e(P)	01	03.00	3.6X
TRI	23.79	323	eP	01	01.40	0.7
VOY	23.94	324	iP	01	03.20	0.9
KRA	24.48	338	eP	01	08.80	1.5
			e	01	10.80	
KBA	24.93	325	iPd	01	14.20	2.3
	0.9s	13.50nm			4.6mb	
			i	01	20.10	
CTI	25.15	322	eP	01	20.50	6.5X
SAL	25.51	320	eP	01	24.00	6.8X
KHC	26.25	329	P	01	24.00	-0.2
			e	01	50.00	
KSP	26.43	335	eP	01	25.00	-0.8
PRU	26.47	331	eP	01	29.00	2.9X
BRG	27.39	332	e(P)	01	34.50	0.0
BNG	27.55	215	iPd	01	29.80	-6.5X
	0.8s	28.00nm			5.1mb	
			id	01	40.20	
			id	01	51.90	
CLL	28.11	332	eP	01	48.00	7.0X
	1.2s	16.00nm			4.7mb	
MOX	28.23	329	eP	01	46.00	3.9X
NUR	33.13	352	eP	02	23.00	-2.3
Z	22s	0 20um			3.8Msz	
			LR	12	00.00	
SUF	35.12	354	iP	02	41.10	-1.4
	0.5s	1.50nm			4.1mb	
NB2	36.40	342	P	02	49.90	-3.5X
	0.8s	4.20nm			4.3mb	
KJF	36.46	356	iP	02	52.80	-1.0
	0.6s	13 00nm			4 9mb	
SOD	39.67	356	eP	03	21.00	0 3
HYB	42.38	95	eP	03	48.00	4.4X
GBA	42.97	100	Pc	03	51.00	2 6
KKN	45.21	78	eP	04	05.40	-1.3
	0.8s	11.00nm			4.9mb	
PKI	45.37	78	eP	04	06.80	-1.3
	0.9s	7.00nm			4.6mb	
FRB	70.52	333	eP	07	05.00	1.2
INK	83.58	355	eP	08	22.00	5 6X
	S.D. = 1.2	on	28 of	44	obs.	

& FEB 28, 1985 17h 02m 04.30s
47.499 N 122.597 W
DEPTH = 45.5km
WASHINGTON (29)
<SEA> CL 3.5 (SEA). Felt (IV) at Lakebay and Tracyton. Also felt at Bremerton, Gorst, Port Orchard, Sunny Slope and in parts of Seattle.

GMW	0 14	291	P	02	11.80	0 8
SPW	0.24	77	P	02	13.20	0 7
GHW	0 51	154	P	02	15 20	-0 2
SMW	0 54	251	P	02	15 80	-0.1
RMW	0 54	94	P	02	15.70	-0 2
BLN	0.57	334	P	02	16.10	-0.1
HTW	0.64	61	P	02	18.80	1.6
JCW	0.83	33	P	02	19.70	-0.1
LON	0.92	144	P	02	20.80	-0.3
BFW	1.10	203	P	02	23.40	-0.2
MCW	1.19	352	P	02	24.80	-0 1
SHW	1.33	169	P	02	27.00	0.1
PNT	2.69	46	eP	02	45.00	-1.2
MFW	3.30	117	P	02	53.00	-1.7

NEW	3.76	76	eP	02	58.50	-2.9
			eLg	04	02.00	
LHD	4.80	78	eP	03	13.00	-3.0
			iS	04	33.00	
YKM	4.80	71	eP	03	13.70	-2.4
			eS	04	34.00	
LDM	4.98	76	eP	03	17.30	-1.2
			eS	04	38.00	
CLX	5.07	79	eP	03	17.20	-2.8
			eS	04	42.70	
	19 obs. associated					

? FEB 28, 1985 19h 02m 29.48± 0.95s
14.874 N ±16 4km 147.635 E ±17.3km
DEPTH = 33.0km (normal)
4.8mb (1 obs.)
MARIANA ISLANDS REGION (215)

WB2	36.98	201	eP	09	38.20	0.4
BJI	37.19	318	eP	09	39.00	-0.3
XAN	39.77	306	eP	10	00.70	-0.4
GYA	39.87	294	eP	10	03.40	1.3
BTO	41.53	315	eP	10	16.30	0.7
CD2	43.16	299	eP	10	29.00	0.0
GTA	48.37	310	eP	11	11.00	0.6
PKI	58.84	293	eP	12	27.60	-0.4
	1.0s	8.00nm			4 8mb	
KKN	58.95	294	eP	12	28.60	0.0
DMN	59.11	293	eP	12	28.60	-1.2
INK	72.17	23	eP	13	51.00	-1.6
YKA	80.48	28	eP	14	41.50	2.1
KIC	145.43	306	ePKP	22	05.60	-1.1
	S.D. = 1.1	on	13 of	13	obs.	

? FEB 28, 1985 19h 19m 14.98± 4.45s
45.534 N ±20.0km 26.436 E ±40.6km
DEPTH = 128.3 ± 42.6 km
ROMANIA (358)

MLR	0.35	263	iPc	19	33.00	0.1
VRI	0.39	31	iPc	19	33.00	-0.5
ISR	0.40	169	eP	19	34.00	0.3
BRD	0.43	92	eP	19	44.50	10.8X
CLI	1.17	30	iP	19	40.00	0.2
CGN	1.40	193	iPd	19	42.00	-0.2
	S.D. = 0.7	on	5 of	6	obs.	

• FEB 28, 1985 19h 37m 48.40± 0.90s
40.010 N ± 8.0km 22.641 E ± 9.5km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 3.4 (ATH).

KZN	0.73	294	ePg	38	02.00	-0.8
			eSg	38	17.00	
VAY	1.31	358	iPn	38	12.30	-0.3
			iSn	38	33.40	
MMB	1.78	27	iPd	38	19 00	-0.4
OHR	1.78	309	ePn	38	20.50	1.0
SKO	2.16	335	ePn	38	30.00	5.1X
ATH	2.20	157	ePg	38	25.50	0.0
			eSn	38	49.50	
VLS	2.43	222	ePg	38	35.70	6.9X
VTS	2.62	9	eP	38	32.00	0.5
KDZ	2.62	51	iPc	38	38.00	6.5X
			iS	39	08.00	
	S.D. = 0.9	on	6 of	9	obs.	

? FEB 28, 1985 20h 28m 30.88± 7.88s
14.085 N ±27.4km 60.605 W ±71.3km
DEPTH = 33.0km (normal)
WINDWARD ISLANDS (95)

SLW	0.33	259	iPc	28	39.01	0.0
MVM	0.54	329	iPc	28	42 02	-0 1
			S	28	49.10	
BIM	0.62	314	ePc	28	43.26	0.0
			S	28	51.50	
CRM	0.73	336	iPc	28	44.74	0.0
			S	28	54.10	
FDF	0.83	321	iPc	28	46.35	0.1
			S	28	57.10	
	S.D = 0.1	on	5 of	5	obs.	

FEB 28, 1985 20h 53m 47.86± 0.29s
27.462 N ± 2.0km 128.449 E ± 2.1km
DEPTH = 60.0 ± 2.5 km

5.9mb (96 obs.)
RYUKYU ISLANDS (238)
Ms 5.4 (BRK). Felt (IV JMA) on Okino-erabu-shima, (III JMA) at Nogo, (II JMA) at Naha and on Kume-jima and (I JMA) at Naze. Also felt (III) at Kadena Air Force Base, Okinawa.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 60 Dip=75 Slip= 90
NP2: 240 15 90
Principal Axes:
T Plg=60 Azm=330
P 30 150
Comment: The focal mechanism is moderately well controlled and corresponds to reverse faulting. The preferred fault plane is NP2.
MOMENT TENSOR SOLUTION
Dep 48 No. of sta: 10
Moment Tensor; Scale 10**25 d-cm
Mrr= 0.90 Mtt=-0.87
Mtf=-0.03 Mrt= 0.42
Mrf= 1.01 Mtf=-0.63
Principal axes:
T Val= 1.55 Plg=57 Azm=271
N -0.01 24 44
P -1.54 21 144
Best Double Couple:Mo=1.5*10**25
NP1:Strike=269 Dip=32 Slip= 139
NP2: 35 70 65
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 12S, 28C
Centroid Location:
Origin Time 20:53:50.0 0.2
Lat 27.22N 0.02 Lon 128.41E 0.04
Dep 37.3 1.8 Half-duration 3.7
Moment Tensor; Scale 10**24 D-CM
Mrr= 7.11 0.24 Mtt=-4.16 0.22
Mtf=-2.95 0.40 Mrt= 6.15 0.38
Mrf= 4.86 0.34 Mtf=-4.70 0.20
Principal Axes:
T Val= 10.40 Plg=67 Azm=325
N 1.17 2 230
P -11.58 23 139
Best Double Couple:Mo=1.1*10**25
NP1:Strike=226 Dip=22 Slip= 85
NP2: 51 68 92

NGO	0.96	206	iPc	54	06.00	0.5
NZJ	1.30	45	iPd	54	09.00	-1.1
			iS	54	24.70	
NAH	1.42	209	iPd	54	12.40	0.7
			S	54	29.80	
KMJ	1.85	233	iPd	54	18.60	0.9
			iS	54	43.00	
MVI	2.98	122	iPd	54	29.60	-4.0X
			S	55	03.60	
MYK	3.90	228	eP	54	46.00	-0.6
			eS	55	30.00	
TAJ	3.95	34	eP	54	51.00	3.7X
			eS	55	32.00	
KAG	4.49	24	eP	54	57.00	2.2
			eS	55	49.00	
ISI	4.96	232	eP	55	06.00	4.5X
			eS	56	03.00	
MYZ	5.14	30	P	55	03.70	-0.4
			eS	55	55.00	
KUM	5.68	20	Pc	55	12.00	0.4
			S	56	22.00	
SAG	5.98	15	eP	55	20.00	4.2X
FKK	6.32	15	Pc	55	21.90	1.3
			S	56	39.00	
OIT	6.37	25	eP	55	20.00	-1.3
			eS	56	34.00	
ANP	6.62	252	iP+	55	26.00	1.1
			IS	57	10.00	
TATO	6.72	250	iP	55	27.00	0.8
	0.8s	937.04nm			6.4mb	
SSE	7.30	301	iPd	55	34.60	0.3
			i	55	42.80	
			Lg	57	42.00	
			Lg	58	02.00	
SHK	7.93	26	ePc	55	41.20	-1.7
OZH	9.20	256	eP	56	00.00	-0.4

			sP	56	17.00					eS	04	28.00		PMR	62.68	32	iPc	04	07.00	-1.2
			S	57	42.00		NST	28.75	252	iPc	59	42.40	0.5		1.0s	150.00nm			6.0mb
NJ2	9.51	301	iPd	56	04.50	-0.1	BDT	29.00	256	iPc	59	43.70	-0.5	ADE	62.84	171	iPc	04	09.10	-0.5
			iS	58	00.00			0.7s	92.80nm			5.5mb			0.8s	68.66nm			5.8mb
CVP	11.48	214	ePd	56	28.00	-3.3X				e	06	28.70		COL	62.86	28	iPc	04	08.70	-0.7
			eS	56	52.00		KHT	30.48	252	ePc	59	58.10	0.7		0.7s	114.73nm			6.1mb
OYM	12.15	47	eP	56	39.60	-0.8	NNT	30.67	247	eP	59	59.70	0.7				eS	12	37.00	
SRY	12.29	46	eP	56	40.90	-1.3				e	02	56.60		FBA	62.86	28	iPc	04	08.70	-0.7
DDR	12.48	44	eP	56	46.00	1.2	SHL	32.70	275	iP	00	15.00	-2.0	TEH	64.62	299	eP	04	23.00	1 4
WHN	12.72	287	eP	56	49.50	1.7				iS	05	20.80		CAN	65.39	162	iPc	04	26.50	0 3
			sP	57	06.00		LSA	32.74	283	Pc	00	15.30	-2.3				ipP	04	39.50	45kmX
DLC	12.76	335	P	56	49.00	0.7				PP	01	33.70					i	07	12.50	
			PP	57	02.50		MKS	33.63	196	iPd	00	36.50	11.7X	SHI	65.55	292	eP	04	26 20	- -
			S	59	11.00		IPM	34.65	234	iPc	00	34.90	1.2	BFD	65.65	168	eP	04	27 00	-2 -
TIA	12.98	315	eP	56	52.70	1.4		1.6s	687.60nm			6.3mb		WAM	66.18	162	iPc	04	31 60	0 4
			pP	57	02.00					e	01	49.20					ipP	04	44.80	46kmX
			S	59	22.30					e	03	53.90					i	07	06.80	
BAG	13.19	215	eP	56	52.00	-2.3	KGM	34.91	228	ePc	00	36.70	0.8	TOO	66.64	165	iPc	04	34.10	-0.1
			eS	59	24.00			1.4s	269.50nm			6.0mb		INK	67.70	23	iPc	04	39.30	-1.2
TSK	13.19	46	eP	56	52.90	-1.2				e	00	54.00			0.9s	138.00nm				5.9mb
HKC	13.94	252	eP	57	09.00	5.2X				e	03	18.00					pP	04	53.00	48kmX
			esP	57	22.00		TSI	37.17	235	e(P)	00	57.00	2.1	PNL	67.77	33	eP	04	41.20	0.1
			eS	59	48.00		PKI	38.03	280	iP	01	01.50	-1.0	TAB	67.80	302	iP+	04	42.00	0 1
GZH	14.34	256	P	57	08.60	-0.5		0.6s	260.00nm			6.3mb		KEV	68.37	338	iP	04	43.20	-1.4
			sP	57	25.50		KKN	38.10	281	iP	01	02.40	-0.6		0.8s	247.90nm				6.2mb
			S	59	49.00		DMN	38.29	281	iP	01	04.00	-0.6	Z	16s	5.70um				5.9MszX
MAN	14.47	210	eP	57	11.10	0.2	BSI	38.33	241	ePd	01	07.50	2.8X				ePP	07	28.00	
			eS	00	13.20		LAT	38.37	149	eP	01	04.50	-0.5				ePPP	09	06.00	
SNY	14.88	346	iPc	57	16.80	0.8	PPI	38.69	229	iPc	01	08.80	1.1				eS	13	36.00	
PGP	15.55	208	iPd	57	27.00	2.1		1.0s	110.20nm			5.7mb					eScS	14	24.00	
			eS	57	59.00		LEM	39.60	214	ePc	01	17.50	2.1				LR	40	40.00	
BJI	16.15	324	P	57	34.00	1.7				eS	07	22.00		KER	68.39	298	ePc	04	45.50	0.0
	Z 17s	19.00um					MTN	40.15	176	iPd	01	18.50	-1.2	MBC	68.59	14	iPc	04	44.40	-1.5
			PP	57	49.00			0.6s	46.00nm			5.5mb		SOD	69.36	336	iP	04	49.90	-0.8
			eS	00	40.00		VAR	40.59	278	iP	01	23.40	0.1	ALE	70.14	2	iPc	04	53.70	-1.6
CN2	16.48	352	iPc	57	36.50	0.0	LMG	40.88	149	eP	01	25.50	-0.4		0.8s	136.00nm				5.9mb
			sP	57	55.00		PMG	40.89	151	eP	01	25.00	-0.8	SIT	70.64	35	eP	04	59.20	0.5
			S	00	41.00		SMY	42.11	40	eP	01	35.40	0.0	MSL	70.75	302	iPd	04	59.00	-0.8
			ePcP	02	25.00		KNA	42.95	180	iPd	01	42.20	-0.4	TRO	70.99	340	iP	04	58.80	-1.8
TIY	16.91	311	iPc	57	44.00	2.1		0.6s	43.00nm			5.4mb		SUF	71.34	332	iP	05	01.00	-1.8
			pP	57	55.50		KSH	44.81	299	P	01	59.00	1.2		0.8s	82.40nm				5.7mb
MDJ	17.14	3	eP	57	44.10	-0.6				PcP	03	40.00		NUR	72.92	330	iP	05	11.00	-1.2
			PP	57	59.00		NDI	44.94	284	iP	01	58.00	-0.7		0.7s	106.80nm				5.9mb
			S	00	58.00					eS	08	30.00			Z 18s	7.90um				6.0Msz
XAN	18.01	296	iPc	57	56.00	0.5	HYB	46.93	269	ePc	02	14.30	-0.3				ePPP	09	40.00	
QIZ	19.03	248	iPc	58	07.00	-0.9		0.8s	53.90nm			5.5mb					eS	14	28.00	
			pP	58	18.00	47kmX	WB2	47.47	172	iPc	02	17.70	-1.0				eScS	15	24.00	
			PP	58	24.00					ipP	02	31.20	50kmX				eSS	19	56.00	
			S	01	38.00					eS	09	07.80					LR	41	14.00	
CGP	19.24	191	iPd	58	08.50	-1.7	AJM	47.91	282	iP	02	19.00	-3.2X	DAG	74.08	353	iPd	05	17.10	-1.6
			iS	58	15.50					eS	09	20.00			0.6s	66.67nm				5.7mb
HHC	19.28	318	iPc	58	10.00	-0.6	MBL	49.05	191	eP	02	30.00	-0.8	UPP	76.31	331	iPc	05	30.90	-0 7
			pP	58	24.00	65kmX	ISO	49.08	166	eP	02	30.00	-1.2		0.8s	200.00nm				6.1mb
			sP	58	31.00		GBA	49.40	264	Pd	02	34.50	0.8				i	05	41.50	
GYA	19.45	272	P	58	12.00	-0.5		0.8s	254.30nm			6.3mb					iS	15	11.00	
			S	01	42.00		CTA	50.31	158	iPd	02	40.40	-0.2	YKA	77.33	25	eP	05	38.00	0.7
PPR	19.84	209	ePc	58	17.00	0.5		0.7s	34.25nm			5.5mb		YKC	77.39	25	eP	05	37.50	-0.1
BTO	20.07	315	iPc	58	18 10	-0 9				iS	09	44.00			0.7s	79.00nm				5.8mb
			sP	58	39.00		POO	50.71	272	iP	02	44.00	0.2	PHC	77.51	39	eP	05	38.50	0.0
DAV	20.45	188	eP	58	22.20	-0.7				eS	09	43.00		HRI	77.57	301	eP	35	40.00	0.7
			eS	02	06.00		ASPA	51.10	174	iPc	02	45.90	-0 6	CLI	77.69	316	eP	05	40.00	0.4
GUMO	20.63	129	eP	58	23.80	-0.9	NAU	51.26	195	eP	02	47.40	-0.3	NB2	78.30	334	P	05	39.10	-3.6X
GUA	20.69	129	eP	58	24.10	-1.3	BOM	51.50	273	eP	02	44.00	-5.7X		0.8s	126.60nm				5.9mb
	0.9s	860.50nm				6.1mb				eS	09	24.00		BRD	78.31	315	eP	05	44.50	1.5
			eS	02	17.00		QUE	53.37	289	iPc+	03	04.00	0.2	VRI	78.35	316	iPc	05	43.50	0.3
CD2	21.82	285	eP	58	34.20	-2.5				eS	10	32.00		PSN	78.42	313	iPc	05	44.00	0.4
			sP	58	55.50		MEK	54.60	191	eP	03	01.40	-11.1X	WAR	78.57	323	eP	05	43.00	-1.3
			S	02	30.00		MRWA	57.61	193	eP	03	33.00	-0 9		Z 16s	15.00um			6	4MszX
LZH	22.57	299	Pc	58	44.50	0.3	MHI	58.12	297	iPc+	03	38.20	0.5				e	15	40.00	
	5.0s	3669.00nm				6.1mb X				eS	11	38.00		KRP	78.60	144	P	05	45.00	0.5
	E 14s	13.50um					KLG	58.30	187	iPc	03	37.60	-1.2				i	05	57.50	
			pP	59	05.00	95kmX		0.7s	34.00nm			5.6mb		JER	78.61	300	iPc	05	44.50	-0.6
			iS	03	50.00		BAL	58.82	192	eP	03	41.50	-0.9	CSS	78.66	303	eP	05	45.50	0.3
KMI	23.16	270	Pc	58	50.00	-0.1	KOU	59.01	140	iPc	03	43.70	-0.1	ISR	78.80	315	iPc	05	46.50	0.7
	6.0s	2.90nm				2.9mb X	KHI	59.29	295	ePc	03	45.60	-0.3	MLR	79.01	316	iPc	05	47.00	0.0
	E 14s	14.90um					TTA	59.37	31	iPc	03	45.40	-0.6	PRNI	79.38	299	iPc	05	50.00	0.8
			S	02	50.00		BRW	59.38	21	iPc	03	45.40	-0.4	CGN	79.59	314	ePd	05	50.00	0.0
KKM	24.27	211	ePd	59	02.80	2.0	KLB	59.60	191	eP	03	48.00	0.2	CMP	79.67	316	ePc	05	45.00	-5.5X
	1.7s	846.20nm				6.0mb	MUN	60.25	192	eP	03	52.00	-0.2	KONO	79.78	333	iP+	05	50.20	-0.5
MNI	26.10	188	eP	59	17.00	-0.9	STK	60.33	167	eP	03	52.00	-0.7	JMB	80.02	313	iPd	05	53.00	0.7
	0.6s	574.10nm				6.3mb		0.5s	23.00nm			5.6mb		COZ	80.08	316	iPc	05	53.50	0.7
GTA	26.59	304	iPc	59	21.00	-1.3	IMA	60.33	27	iPc	03	52.00	-0.6	HYA	80.14	335	iPd	05	52.40	-0.1
			pP	59	35.00	57kmX	CMS	60.92	163	eP	03	56.00	-0 7	KRA	80.28	322	iPc	05	53.40	-0.1
			i	00	28.00		NWAO	60.99	191	iPc	03	56.60	-0.6		0.7s	193.00nm			6	1mb
LOE	26.60	254	eP	59	21.00	-1.4	KDC	61.47	37	iPc	03	59 00	-1.2		Z 18s	16.50um				6.4Msz
CHG	28.41	259	iPc	59	39.20	0.3	NOU	61.62	140	iPc	04	02.00	0.3		N 18s	4.50um				
	1.0s	145.00nm				5.6mb	RKG	62.15	191	eP	04	08 00	3.0X		E 18s	8.50um				

28d 21h

			i	05 56.10	
			i	05 58.00	
			i	06 09.60	
			eS	16 13.00	
MSZ	80.32	153	P	05 55.10	1.4
			e	06 08.10	
TCW	80.44	147	eP	05 56.00	1.6
GNZ	80.45	143	P	05 53.00	-1.5
			PcP	06 05.00	
SPC	80.56	321	iP	05 56.50	1.2
Z	16s	23.00um			6.6MszX
			e(PP)	08 57.50	
MNG	80.59	146	eP	05 55.00	-0.2
			PcP	06 06.00	
PVL	80.61	314	iPc	05 55.00	-0.4
SUE	80.73	336	iP+	05 55.70	0.0
ODD	80.74	334	iP	05 55.20	-0.6
JOS	80.75	320	iPc	05 56.20	0.1
PGC	80.78	40	eP	05 57.00	0.8
DIM	80.87	313	iPc	05 58.00	1.2
COP	80.95	329	iPc+	05 57.00	0.1
	0.8s	417.91nm			6.4mb
Z	20s	4.15um			5.8Msz
			i	06 15.00	
			iS	16 01.00	
ASK	80.95	335	iP	05 51.70	-5.2X
BER	80.97	335	iP+	05 56.60	-0.3
Z	18s	6831.00um			9.0MszX
KDZ	81.22	312	iPc	05 59.00	0.3
PLD	81.41	313	iPgc	06 00.00	0.3
GMW	81.73	40	P	06 02.00	0.7
PRK	81.75	310	iPc	06 01.60	0.1
KMY	81.78	334	iP	06 01.10	-0.1
KSP	81.82	324	iPc	06 02.20	0.6
	0.8s	183.00nm			6.1mb
			i	06 19.00	
MUD	81.93	331	iPc	06 02.20	0.2
	0.8s	240.00nm			6.2mb
VTS	82.14	314	iPc	06 04.00	0.6
MMB	82.30	313	iPc	06 04.00	-0.4
SRO	82.38	320	eP	06 05.60	1.1
			e	07 13.00	
			e(S)	16 05.00	
BRL	82.43	326	iPc	06 06.50	1.8
HLW	82.43	300	iPc	06 04.00	-1.2
			eS	16 22 00	
BRN	82.50	326	ePc	06 06.00	0.9
PNT	82.55	38	iPc	06 06.10	0.6
	1.0s	159.00nm			6.0mb
BEO	82.71	317	iP	06 06.20	-0.1
			iS	16 16.40	
ZST	82.85	321	iPc	06 08.00	1.0
			e	36 28.00	
			e(Sg)	36 34.00	
COR	82.99	43	iPc	06 09.00	1.2
BRG	83.03	324	iPc	06 08.10	0.2
	2.2s	555.00nm			6.2mb
			i	06 23.00	
VAY	83.19	313	iPc	06 08.40	-0.5
PRU	83.23	324	iPc	06 09.40	0.5
	2.3s	580.60nm			6.2mb
Z	17s	11.30um			6.3MszX
N	17s	5.30um			
E	17s	7.20um			
			ePP	09 24.00	
			S	16 31.00	
VKA	83.25	321	iPc	06 09.30	0.2
	2.3s	1476.00nm			6.6mb
			i	06 27.30	
CLL	83.25	325	iPc	06 09.30	0.3
	1.2s	300.00nm			6.2mb
Z	17s	9.00um			6.2MszX
			e(S)	16 30.00	
SOP	83.44	321	iPnc	06 10.30	0.3
	0.4s	30.30nm			5.7mb
EDM	83.45	32	iPc	06 10.40	0.3
	0.8s	120.00nm			6.0mb
HAM	83.46	328	iPKPc	06 12.00	2.1
GDH	83.56	1	iPc	06 10.00	-0.2
	0.8s	119.40nm			6.0mb
			iS	16 27.00	
SKO	83.58	314	iPc	06 11.00	0.1
	1.0s	400.00nm			6.4mb
			iPP	09 20.00	
			iS	16 25.00	
AKU	83.65	347	eP	06 03.00	-7.8X
	1.1s	116.46nm			5.8mb
			i	06 11.90	
ATH	84.12	310	iPc	06 12.80	-0.9
NPS	84.14	307	iPd	06 14.00	0.1
KZN	84.23	313	iPc	06 13.50	-0.8
KHC	84.24	323	iPc	06 14.50	0.4
	1.0s	96.00nm			5.8mb
Z	18s	6.90um			6.1Msz
N	17s	2.00um			
E	17s	4.70um			
			e	06 30.50	
			e	09 46.00	
MOX	84.36	325	iPc+	06 15.00	0.4
	2.4s	962.00nm			6.4mb
Z	16s	7.40um			6.2MszX
N	19s	4.50um			
E	19s	4.00um			
			e	06 25.50	
			ePP	09 45.00	
			eSKS	16 30.00	
			eS	16 50.00	
			ePS	18 00.00	
			eSS	22 30.00	
HOF	84.42	325	iPc	06 15.40	0.4
	0.8s	229.00nm			6.3mb
OHR	84.44	314	eP	06 13.10	-2.2
			i	06 14.50	
			i	06 22.50	
NEW	84.51	38	iPc	06 16.20	0.7
	0.9s	175.00nm			6.1mb
			e	06 30.00	
FHC	84.55	47	eP	06 17.20	1.4
			e	06 31.20	
KMR	84.57	322	iP+	06 16.90	1.2
			i	06 35.00	
WET	84.60	323	iPc	06 16.20	0.3
Z	17s	9.80um			6.3MszX
TTG	84.71	315	eP	06 16.70	0.2
			eS	16 36.50	
YKM	84.91	37	iP	06 18.50	0.9
GRF	85.14	325	iPc	06 19.40	0.8
Z	20s	5.60um			6.0Msz
			e	06 21.70	
RXF	85.22	36	iPc	06 20.00	0.9
LHD	85.35	37	iPc	06 20.70	0.9
LDM	85.37	37	iPc	06 20.50	0.7
WIT	85.38	329	ePc	06 21.00	1.3
			e	06 37.00	
BHG	85.45	322	iPc	06 20.70	0.5
LJU	85.51	320	eP	06 20.40	-0.1
			e	06 35.00	
			e	07 17.00	
			eS	16 52.00	
KBA	85.57	322	iPc	06 20.30	-0.7
	0.8s	76.20nm			5.9mb
			i	06 31.10	
			i	09 18.80	
WDC	85.60	46	iPc	06 21.70	0.7
			i	06 35.80	
CLX	85.61	37	iPc	06 22.00	0.8
AAE	85.62	278	eP	06 24.00	2.1
REY	85.78	347	iP	06 22.40	0.9
WTS	85.85	328	ePc	06 22.20	0.2
	0.8s	81.00nm			5.9mb
RMT	85.87	47	P	06 23.50	1.1
VOY	85.88	321	iPc	06 21.80	-0.7
FUR	86.04	323	iPc	06 23.80	0.7
	0.8s	292.00nm			6.5mb
VLS	86.13	311	iPd	06 23.20	-0.5
TRI	86.15	320	iPc	06 21.60	-2.0
			i	06 38.00	
			ePP	09 52.00	
			iSKS	16 42 00	
			iS	17 15 00	
			ePS	18 12.00	
			eSS	23 24.00	
			eSSS	27 16.00	
TNS	86.21	326	eP	06 24.10	0.2
MIN	86.32	46	eP	06 24.70	-0.1
			e	06 39.00	
SES	86.35	34	iPc	06 24.70	0.1
	0.8s	97.00nm			6.0mb
BNS	86.35	327	iPc	06 24.70	0.2
	1.5s	230.00nm			6.1mb
DBN	86.54	329	eP	06 25 00	-0.4
Z	18s	5.10um			6.0Msz
STU	86.75	325	ePc	06 26.00	-0.5
	1.0s	100.00nm			6.0mb
ORV	86.82	47	iPc	06 27.10	0.0
			e	06 40.50	
ENN	87.08	328	iPc	06 27.80	-0.3
ELO	87.10	336	iPc	06 27.20	-0.9
ESY	87.11	335	iPc	06 27.30	-0.8
	0.7s	73.00nm			6.0mb
CTI	87.13	322	iPd	06 28.00	-0.6
MEM	87.14	327	Pc	06 28.00	-0.3
BRK	87.24	48	eP	06 29.80	0.7
BKS	87.26	48	iPc	06 29.70	0.5
	0.9s	156.00nm			6.2mb
Z	20s	1.10um			5.3Msz
N	20s	0.80um			
E	20s	1.10um			
			ipP	06 43.80	48kmX
			eS	17 08.00	
			iPS	17 49.00	
			i	18 02.00	
			eSS	23 25.00	
			eSSS	26 43.00	
			iLQ	30 02.00	
			P'P'	32 49.00	
			e	32 50.00	
			e	33 22.00	
			e	33 24.00	
			eLR	33 57.00	
BUH	87.31	325	ePn	06 28.90	-0.4
PCC	87.36	49	eP	06 29.40	-0.3
EBL	87.38	335	iPc	06 28.90	-0.5
	0.7s	83.00nm			6.0mb
FFC	87.41	27	iPc	06 29.60	0.0
	0.8s	378.00nm			6.6mb
EAU	87.48	335	iPc	06 29.40	-0.5
OSS	87.56	323	eP+	06 30.60	-0.1
SAX	87.63	323	eP+	06 30.80	-0.4
WLF	87.70	327	Pc	06 31.00	0.0
EKA	87.75	335	Pc	06 30.20	-1.0
	0.7s	33.50nm			5.6mb
SLE	87.75	324	eP+	06 30.70	-0.7
ORI	87.80	315	iPd	06 33.00	1.3
UCC	87.80	328	Pc+	06 31.60	0.1
GCC	87.88	49	eP	06 32.50	0.3
MHC	87.94	49	eP	06 33.30	0.6
CDF	87.96	325	iPc	06 32.20	-0.3
	0.7s	9.60nm			5.1mb
ZUL	87.99	324	eP+	06 31.70	-0.9
ARN	88.01	49	P	06 33.00	0.1
SAL	88.02	322	iPc	06 32.00	-0.7
VDL	88.04	323	eP+	06 32.90	-0.2
LLS	88.06	323	eP+	06 32.50	-0.6
WCN	88.08	46	P	06 34.60	1.2
DUI	88.11	317	eP	06 34.00	0.8
FRB	88.11	7	ePc	06 32.00	-0.8
	0.8s	73.00nm			5.9mb
			pP	06 45.00	43kmX
DOU	88.16	328	Pc+	06 33.10	-0.2
Z	14s	6.10um			6.2MszX
			SKS	17 16.00	
SGO	88.22	315	eP	06 34.00	0.3
AQU	88.34	318	eP	06 36.50	2.1
SAO	88.39	49	eP	06 35.00	0.3
JAS1	88.43	48	iPc	06 35.40	0.5
			i	06 49.00	
LRM	88.53	38	eP	06 36.10	0.6
BSF	88.58	325	iPc	06 34.80	-0.7
	0.7s	30.80nm			5.7mb
PRS	88.68	49	eP	06 36.60	0.5
HAU	88.70	325	iPc	06 35.40	-0.6
	0.8s	11.80nm			5.2mb
MNS	88.75	318	eP	06 31.00	-5.2X
LLA	88.81	49	eP	06 37.10	0.4
BMN	89.03	44	iP	06 39.00	1.1
	1.1s	81.17nm			5.9mb
			ipP	06 54.00	51kmX
MMK	89.13	323	eP+	06 38.00	-0.3
PRI	89.26	49	eP	06 39.80	0.8
ORO	89.39	323	iPc	06 38.00	-1.4
DIX	89.40	323	eP+	06 39.20	-0.5
FRI	89.42	48	eP	06 39.70	0.2
HPI	89.49	40	P	06 41.00	0.8
MNA	89.61	46	eP	06 41.40	0.8
			e	06 55.80	
EMS	89.66	324	eP+	06 39.90	-0.9
DMU	90.25	335	eP	06 42.60	-0.5
	0.9s	95.00nm			6.1mb
EUR	90.37	44	iP	06 45.00	0.8
	0.2s	66.99nm			6.6mb

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LOR     90.44 326 eP      06 43.90  -0.2
        0.9s    4.90nm           4.8mb X
LBF     90.57 326 iPc     06 43.90  -0.9
        0.8s    6.20nm           5.0mb
DLE     90.59 335 eP      06 42.40  -2.3
        1.0s   70.00nm           6.0mb
SYP     90.63  50 eP      06 46.00   0.6
                  e       07 00.00
AVY     90.70 249 ePc     06 45.00  -0.9
SSF     90.76 326 iPc     06 44.80  -0.8
        1.0s   12.80nm           5.2mb
CWC     90.81  48 eP      06 45.00  -1.2
DCN     90.82 335 eP      06 44.80  -0.9
        0.8s  110.00nm           6.3mb
CVF     90.85 320 iPc     06 46.60   0.5
        0.8s   17.10nm           5.5mb
SMF     90.87 325 iPc     06 45.30  -0.8
        0.8s   15.90nm           5.4mb
ISA     91.00  49 eP      06 45.00  -2.0
PMO     91.32 106 iP      06 51.00   2.5
        0.8s   35.00nm           5.8mb
                  epP     07 40.00 197kmX
LDF     91.42 329 iPc     06 48.20  -0.4
        0.6s   18.70nm           5.7mb
BGF     91.43 326 iPc     06 48.70   0.0
FRF     91.46 322 iPc     06 48.50  -0.3
        0.7s    8.10nm           5.2mb
FLN     91.46 329 iPc     06 48.30  -0.5
        0.8s   30.70nm           5.8mb
CLC     91.49  48 eP      06 49.00  -0.2
TPT     91.55 106 iP      06 52.00   2.5
        0.8s   35.00nm           5.8mb
                  epP     07 05.00  43kmX
VAH     91.66 106 iP      06 52.40   2.4
        0.8s   25.00nm           5.7mb
                  epP     07 06.00  45kmX
LMR     91.68 322 iPc     06 49.60  -0.3
        1.1s   31.20nm           5.6mb
LRG     91.68 322 iPc     06 49.70  -0.2
        0.8s   30.70nm           5.8mb
MZF     91.80 326 iPc     06 50.20  -0.2
        0.8s   11.60nm           5.4mb
RUV     91.85 106 iP      06 53.30   2.4
        0.8s   30.00nm           5.8mb
                  epP     07 07.00  46kmX
GRR     91.91 329 iPc     06 50.60  -0.2
        0.8s   39.70nm           5.9mb
TCF     91.94 326 eP      06 50.80  -0.2
        1.0s   16.00nm           5.4mb
SBB     91.99  49 eP      06 51.00  -0.6
                  e       07 06.00
NAI     92.04 270 eP      06 53.00   0.7
        1.0s   50.00nm           5.9mb
PAS     92.07  50 eP      06 52.00   0.2
                  e       07 07.00
BDW     92.07  39 eP      06 52.00   0.0
        1.0s   80.00nm           6.1mb
                  ipP     07 07.00  51kmX
MWC     92.10  50 eP      06 52.00  -0.3
                  e       07 07.00
LPF     92.25 329 iPc     06 52.30  -0.1
        0.9s   42.40nm           5.9mb
LSF     92.30 326 iPc     06 52.10  -0.6
        0.9s   12.70nm           5.3mb
GSC     92.31  48 eP      06 53.00  -0.1
                  e       07 07.00
PAF     92.36 214 eP      07 05.00  12.5X
                  eS      17 15.00
RVR     92.70  49 eP      06 54.00  -0.7
MFF     92.86 327 eP      06 55.30   0.0
        0.8s   32.20nm           5.8mb
CAF     92.96 325 iPc     06 55.70  -0.1
        0.8s   12.60nm           5.4mb
RJF     92.97 326 iPc     06 55.80   0.0
        0.9s    7.80nm           5.1mb
MSU     93.30  43 P       06 58.60   0.9
PLM     93.42  50 eP      06 58.00  -0.3
                  e       07 12.00
TPC     93.52  49 eP      06 58.00  -0.6
                  e       07 12.00
RSON    93.60  25 iP      06 59.30   0.7
        0.9s   33.61nm           5.8mb
LFF     93.62 326 iPc     06 58.50  -0.3
        0.8s    7.40nm           5.2mb
BAR     93.94  50 eP      07 00.00  -0.5
                  e       07 14.00
RSSD    94.10  35 iP      07 01.80   0.5
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          1.1s    87.21nm           6.1mb
                     ipP     07 18.30  57kmX
GLA      94.97   49 eP      07 05.00  -0.3
GOL      96.48   39 eP      07 13.00   0.7
          0.9s     7.58nm           5.2mb
EBR      96.67  323 eP      07 30.00  17.2X
SCH      97.02    9 eP      07 14.00  -0.2
LHC      97.25   24 eP      07 15.00  -0.3
ALQ      99.10   43 eP      07 24.00  -0.2
          1.0s    12.50nm           5.4mb
        Z  22s     1.02um           5.3Msz
TOL      99.73  325 eP      07 26.50  -0.2
                    e       21 05.00
                    eSS     27 00.00
BNG     105.45  283 ePdiff08 06.70  14.0X
          0.9s     9.00nm
                    id      08 26.50
                    ic      12 02.90
                    id      12 14.40
LSZ     105.84  261 iPdiff07 54.40   0.0
          1.2s   156.80nm           6.9mb X
                    i       12 07.30
                    i       12 12.20
JCT     106.22   42 ePdiff08 00.10   4.4X
          1.1s     8.86nm           5.7mb
        Z  22s     1.48um           5.5Msz
BUL     107.44  256 ePdiff08 11.00   9.5X
BUL     107.44  256 ePKP    12 10.00   0.0
                    iPP     13 07.00
SLR     109.85  251 ePKP    12 18.50   4.0X
SEK     111.32  248 ePKP    12 16.50  -0.7
VIR     111.87  249 ePKP    12 18.10  -0.1
BLF     112.78  248 ePKP    12 18.50  -1.4
SPA     117.30  180 iPKPc   12 27.00  -0.4
          0.7s    15.63nm
                    e       13 53.00
KIC     123.64  299 iPKP    12 40.40  -0.6
          0.7s    35.00nm
TOV     138.97   28 ePKP    13 10.00  -0.2
SDV     139.41   30 ePKP    13 01.80  -9.3X
CAR     139.42   24 iPKPd   12 59.40 -11.6X
          0.4s    33.90nm
UAV     139.43   31 ePKP    13 10.00  -1.2
BOG     141.40   38 ePKP    13 12.00  -2.9X
PSO     142.24   45 ePKP    13 12.00  -4.5X
GUV     143.20   19 iPKPd   13 13.60  -4.0X
          0.4s    23.10nm
ITR     157.64  324 ePKP    13 38.40  -0.8
                    e       13 49 80
                    e       14 11.00
                    e       14 29.20
                    e       14 37.60
ARE     158.54   63 ePKP    13 41.00   0.5
SOB1    159.24  329 ePKP    13 41.13   0.1
SOB1    159.24  329 ePKP    13 41.30   0.3
                    e       14 17.70
                    e       14 28.40
ZOBO    161.03   57 ePKP    13 44.50   1.0
          1.4s    73.66nm
        Z  22s     0.47um
LPB     161.22   58 PKP     13 45.40   1.9
                    pPKP    14 42.00
                    LR      09 50.00
CNCB    161.47   58 PKP     13 46.20   2.3
                    pPKP    14 42.00
ROCH    162.31  113 iPKP    13 45.50   1.6
PEL     162.54  114 iPKPd   13 44.60   0.7
PCH     162.56  115 ePKP    13 44.00   0.0
TPZ     163.28   73 PKPc    13 49.80   4.4X
BAO     167.78  344 e(PKP)13 49.00   0.1
BDF     167.78  343 iPKPd   13 49.80   0.8
TCA     167.99  112 ePKPd   13 51.70   3.0X
        S.D. = 0.9  on 345 of 375 obs.
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• FEB 28, 1985 21h 01m 36.86± 1.78s
4.777 S ±12.7km 103.102 E ±12.2km
DEPTH = 70.2 ± 15.0 km
5.4mb (8 obs.)
SOUTHERN SUMATERA (274)

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PPI       5.07  328 eP      02 53 00   0.9
                    e(S)    04 02.00
BSI      12.83  323 e(P)    04 36.00  -2.0
OIZ      24.57   15 eP      06 54.30   2.6
KNA      27.47  115 iPd     07 17 40  -1.1
MTN      28.81  108 eP      07 30.00  -0.6
GBA      31.35  306 Pc      07 53 60   0.5
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          0.8s    23.60nm           5.0mb
WB2      33.95  119 iPc     08 15.10  -0.7
                    iPcP    10 53.00
                    eS      13 34.20
ASPA     35.13  125 eP      08 25.00  -0.8
CD2      35.49    1 P       08 28.80   0.0
CTA      44.64  114 iPc     09 45.00   0.5
          0.9s    60.08nm           5.4mb
STK      45.00  132 eP      09 48.00   0 8
BJI      46.19   14 eP      09 56.50   0.1
QUE      49.05  317 eP      10 19.40   0.2
WMQ      50.33  346 Pc      10 28.80   0.2
CAN      52.06  132 iPd     10 43.00   1.1
WAM      52.35  133 iPd     10 45.40   1.4
CN2      52.39   20 Pc      10 42.60  -1.5
                    PcP     11 53.00
MHI      57.71  319 iPd     11 21.60  -1.3
TAB      67.65  314 eP      12 29.00   0.1
KJF      87.96  335 iP      14 20.10   0.2
          0.8s    49.90nm           5.7mb
SUF      88.27  333 iP      14 21.90   0.5
          0.5s    11.60nm           5.3mb
NUR      88.46  331 iP      14 22.70   0.3
          0.7s    21.30nm           5.4mb
JOS      88.62  319 eP      14 24.10   0.7
          1.0s    23.90nm           5.4mb
SOD      89.20  338 iP      14 26.00   0.2
KEV      89.67  340 iP      14 28.20   0.2
          0.8s    16.10nm           5.3mb
UPP      91.82  330 iP      14 39.10   1.1
LJU      92.41  316 eP      14 42.20   1.1
PRU      92.69  320 eP      14 43.00   0.7
VOY      92.85  316 eP      14 43.50   0.3
NB2      95.06  331 P       14 50.10  -2.9
          1.0s     7.00nm           5.1mb
FRB     120.84  356 ePKP    20 21.00  -1.1
TUL     144.46   27 iPKPd   21 06.10  -1.1
          0.8s    43.30nm
        N  20s     0.48um
        E  20s     0.41um
RLO     144.59   26 iPKPc   21 06.00  -1.5
BDF     144.84  234 PKPd    21 09.00   0.4
JCT     146.54   38 ePKP    21 11.50   0.6
          0.9s    67.23nm
        S.D. = 1.1  on  35 of  35 obs.
```

FEB 28, 1985 21h 32m 59.82± 0.31s
47.661 N ± 4.4km 7.302 E ± 2.7km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)
ML 4.1 (GRF), 4.1 (VKA), 4.0
(LDG), 3.9 (KBA), 3.9 (FUR).

```
BSF       0.38  297 Pg      33 10.30   2.6
                    Sg      33 16.10
HAU       0.73  299 Pg      33 16.80   2.6
                    Sg      33 27.60
CDF       0.75  359 Pg      33 16.30   1.7
                    Sg      33 26.80
ZUL       0.76  103 iP+     33 14.60  -0.1
SLE       0.81   82 iP+     33 15.40  -0.2
BUH       1.19   31 ePnc    33 21.90  -0.1
LLS       1.40  124 ePd     33 26.20   0.6
SAX       1.45  106 ePd     33 26.50   0.2
DIX       1.58  177 iPd     33 29.20   1.0
EMS       1.61  189 ePd     33 29.10   0.5
MMK       1.67  164 iPd     33 30.50   1.0
VDL       1.89  128 iPd     33 33.70   1.1
ORO       2.09  167 ePg     33 36.80   1.4
                    eSg     34 06.00
WLF       2.14  340 Pnc     33 41.20   5.1X
                    Sn      34 11.40
OSS       2.17  116 ePd     33 37.30   0.6
LBF       2.36  255 Pn      33 38.80  -0.5
                    Pg      33 46.40
                    Sg      34 16.80
LOR       2.37  262 Pn      33 39.10  -0.3
                    Pg      33 47.00
                    Sg      34 17.60
GAP       2.55   93 iPgc    33 48.20   6.2X
SMF       2.57  248 Pn      33 41.60  -0.6
                    Pg      33 50.90
                    Sg      34 22.80
SSF       2.65  258 Pn      33 43.70   0.4
                    Pg      33 52.10
                    Sg      34 24.80
TNS       2.67   16 ePn     33 43.60  -0.1
```

28d 21h

			ePg	33 53.00		
			eSn	34 16.60		
			eSb	34 26.60		
FUR	2.72	78	iPgd	33 51.70	7.3X	
AVF	2.83	254	Pn	33 45.60	-0.3	
			Pg	33 55.20		
			Sg	34 31.60		
DOU	3.02	325	Pn	33 52.80	4.3X	
			i	33 59.00		
			i	34 00.70		
			Sb	34 37.70		
SAL	3.03	132	e(Pn)	33 49.50	0.9	
			eSn	34 39.30		
MEM	3.07	344	Pn	33 52.90	3.7X	
			e	34 42.20		
HYF	3.19	265	Pn	33 51.00	0.1	
BGF	3.24	252	Pn	33 51.30	-0.4	
			Pg	34 03.00		
			Sg	34 44.60		
ENN	3.24	344	ePn	33 55.50	3.9X	
			e	34 03.00		
GRF	3.30	51	ePn	33 50.00	-2.5X	
			e	33 54.00		
BNS	3.31	359	ePn	34 03.80	11.2X	
	0.4s		106.00nm			
			eSg	34 46.80		
			eSg	34 47.00		
CTI	3.39	117	e(Pn)	33 55.00	1.1	
			eSn	34 47.50		
MZF	3.54	248	Pn	33 55.10	-0.9	
			Pg	34 08.80		
			Sg	34 54.20		
TCF	3.75	250	Pn	33 58.50	-0.5	
			Pg	34 12.40		
			Sg	34 59.50		
HOF	4.01	47	iPc	34 15.40	12.7X	
MOX	4.12	42	ePn	34 02.00	-2.1	
			ePg	34 17.00		
			eSg	35 09.00		
KBA	4.15	96	ePnc	34 04.30	-0.4	
			id	34 04.90		
			i	34 07.30		
LSF	4.20	252	Pn	34 04.40	-0.9	
			Pg	34 20.00		
			Sg	35 14.70		
WTS	4.35	356	e(Pn)	34 11.50	4.1X	
			e	34 28.50		
KHC	4.43	68	Pn	34 06.50	-2.1	
			Sg	35 20.60		
CAF	4.55	235	Pn	34 08.60	-1.6	
RJF	4.64	242	Pn	34 10.20	-1.4	
			Sg	35 29.60		
VOY	4.81	107	iPnc	34 13.30	-0.7	
			iPg	34 33.60		
			iSn	35 08.00		
			e(Sg)	35 31.00		
TRI	4.86	111	e(Pn)	34 13.40	-1.2	
			e	34 31.00		
			e	34 36.50		
			e(Sn)	35 07.00		
			e	35 30.40		
			e(Sg)	35 33.00		
LDF	5.06	283	Pg	34 37.60	20.1X	
			Sg	35 41.60		
LPO	5.19	237	Pg	34 40.00	20.7X	
			Sg	35 45.60		
MFF	5.19	261	Pn	34 18.80	-0.6	
			Pg	34 38.70		
			Sg	35 43.20		
CLL	5.21	43	iPg	34 37.80	18 2X	
			i	34 39.80		
			iSg	35 43.60		
LJU	5.22	105	e(Pg)	34 33.00	13.3X	
			e	34 39.00		
			eSn	35 17.80		
CEY	5.26	109	eP	34 40.20	19.8X	
			eSn	35 18.40		
LFF	5.30	241	Pg	34 41.20	20.3X	
			Sg	35 49.60		
PRU	5.32	61	ePg	34 40.20	19.0X	
			Sg	35 50.10		
FLN	5.32	285	Pn	34 22.30	1.1	
			Pg	34 43.80		
			Sg	35 49.80		
BRG	5.41	51	ePg	34 40.50	18.1X	
			e	35 18.10		
			iSg	35 50.10		

GRR	5.52	281	Pn	34 23.50	-0.6	
			Pg	34 46.60		
			Sg	35 57.80		
LPF	5.63	277	Pn	34 24.10	-1.4	
			Pg	34 48.20		
			Sg	35 58.60		
VKA	6.09	81	i(Pn)	34 32.10	0.1	
			iSn	35 37.20		
			iSg	36 11.40		
			i	36 15.70		
KSP	6.69	58	eP	35 05.00	24.5X	
			eS	36 24.00		
	S.D. = 1.1		on	39 of 58 obs.		

• FEB 28, 1985 22h 05m 19.25± 1.96s
31.798 S ± 9.2km 69.477 W ±21.9km
DEPTH = 132.2 ± 17.2 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB	0.66	62	iPd	05 39.20	-0.7	
			S	05 53.70		
RTCV	0.80	95	iPd	05 41.20	0.2	
			S	05 57.20		
CFA	1.07	80	iPd	05 43.70	0.3	
			S	05 59.90		
MDZ	1.21	154	iPd	05 45.10	0.4	
			iS	06 03.60		
RFA	3.08	164	iPc	06 07.50	-0.2	
			S	06 43.70		
VCA	3.24	20	ePd	06 10.10	0.2	
			S	06 48.00		
TCA	4.20	85	iPd	06 22.40	-0.2	
			S	07 08.40		
	S.D. = 0.6		on	7 of 7 obs.		

• FEB 28, 1985 23h 14m 08.18± 0.95s
29.956 N ±13.6km 130.563 E ±15.6km
DEPTH = 33.0km (normal)
4.2mb (1 obs.)
RYUKYU ISLANDS (238)

NZJ	1.83	211	eP	14 38.00	0.2	
			iS	14 46.70		
CN2	14.41	345	eP	17 46.00	14.4X	
BJI	15.48	314	(P)	17 57.00	11.4X	
XAN	18.80	288	eP	18 27.20	-0.1	
CD2	23.12	279	P	19 11.40	-0.9	
GTA	26.88	299	eP	19 52.00	4.0X	
GBA	51.51	264	Pc	23 21.10	8.1X	
	0.8s		2.40nm		4.2mb	
MBC	65.73	14	eP	24 51.00	-0.3	
SUF	70.04	332	eP	25 20.00	1.6	
NUR	71.70	330	eP	25 29.00	0.6	
YKA	74.29	26	eP	25 43.50	-0.1	
FRB	85.40	8	eP	26 42.00	-1.1	
			pP	26 52.00	31kmX	
	S.D. = 1.0		on	8 of 12 obs.		

STATION DATA REPORT FOR FEBRUARY, 1985

953 stations reported 42756 reading arrival groups

X = data received for this 6-hour time period

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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
-----------------------------------------------------------------------------------------------------------------
AAE   X      XX          XX                                                                                    X
AAI    XXXXXXXXX XX XX    X XXX   X        X XX XX X X   X X    X XXX  XX   XX XX XXX X X X X            X X   X X   XX
ACX   X    X X                                   X        X      X    X      X      XX                         X
ADE   X   X X XX   XXX                   X   X    X    X              XX   XX   X X X   XX      XX X  XX     X         X X
ADK   X    X  X                 X   X       X     XX      X XX        X            X X              XXXXX   X X
AFI   X  XXX XX  XXXXX  X    XXX XXX     XX                      XX XX X X XXX  X XXXX   XX X  XX  XXX X   X          XX X
AIA      X     XXX       XX XX  X      XXX   XX X  X     X X  XXX XX         X  XXX    XXXX     X X X XXXX XXX    X    XX  X X XX
ALE         XXX  X  X        XX XXXX X  X   X  XXXX           XXX       XXX X  X    X   X X X   X  X XX XX    XX X XX  X    X X
ALM             X    X    X    X              X                   X    XX                              XXXX    X
ALOA   XX  X        X    X  X XX                     X     X XX       X    X     X X  X X  X          X    X      X X
-----------------------------------------------------------------------------------------------------------------
ALO   X   XXXXXXXXXXXXXXX XXXXXXX XXXX XXXXXXXXXXXX   XX XXXXXXX XXXXXXXXXX XXXX XXX XXX XXXXXXXXXXXXXXXXX     XXXXXX X
ANP    XX XXXXX X  XX  X X  X    X   X  XX X X  X       XX    XX X  XXX  X   X   X  X XXX     X XX X   XX       X       X
ANT   XXX XX        X       X        XXXX XXX  X          XX       X       X X      XX    XX XXXXXXX  XX  X    XXX   X
AQU   X    X XX   X  XXX    XXXX  X      XXX     X          X       XX   X X   X  X     XXX     XXXXXXXX XXXXXXX XX XXXXXX
ARE   XXX XX  XXX XXXX X XX X  XXXXXX XX XXXXXXXX XXXXX X XX    X X X XXXXXXX XXX XX   XX XXXXXXXX XX  XXX      X       X
ARN        X  XX                  XX  X     X X          X    X X  X XX    X   X               X  X  X               X X
ASK      X                  X  X X    X  X         X    X    X      XX     X X   X    X       XX  X          X    X    X    X
ASPA  XXXXXXX XXX XXXXXXXXX XXX X XXXX XXXX XXXXXXXXX XXXXXXXXXXX XXXXXX XX  X XXX XXXXX XXXX XXXXXXXXXXXX XX X X XX X
ATB   X   X     X  XX  X     XX  X  X XXXXXXXXXX      X  XXX X      X      X    X XXXX  X    X X
ATH          XX X     X  XX X    X      X     XX XX X         X     X XX    X     XX  XX      XX     X X XXX  X  XXX        X X X
-----------------------------------------------------------------------------------------------------------------
ATX             X                              XXX                X          X      X              X     X    X  X
AUL                                         X              X  XX     X         X     X          X        X    XX
AVE   X  X    XX X                         X      X        XX        X                   X  XX  XXX         X
AVF   X     XXXX X  X XX    XXXXXX X XX   XXXX XX XXX   X XXX      X   XX XX X XXX X    XX XXX XXX XXXX XX  XXXX XX XXXX X
AVY      X  XX                             X                                X        X                  X       X  X         X
BACH   XX  XXX    X XXXXXXXXXXX XXXXXX     XXXXXXX X XXXXXXX    X  X    X                                      X
BAG   X   XX XXX        X    X  X      X  XXXX X X          X      X  X X X   XX  X X      X XX   X X XXX X  X     X   X      X X
BAL   XX XXX XXX  XX XXXX  XXXX x       X    X          X X     XX XXXXX   XX   X XXX X X X     X XXXXX XX XX       X   X X X
BALM        XX                               X     X XX  XX  X    X          X         X  X      X X XX             X
BAO        XX                X X   X X  X XXX  XX     XX   XXXXX  XXX      X X  XXXX    XXX X XXXXXX XX  XX                X
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BAR   X   XX  X X X           X X                                XXX      X X  X     X XX XX      X    X X XX                XX X
BCAO  X  XX  XXXX XXXX        XXXXXX  XXXXXXXX X
BCK   X  XXX XX       X    XXX   XX X  X    X XX                         X  X X XXX   XXX       X    X   X X X X XX      X          X
BDF                                                                                                              X  XXX  X   X
BDT   X  XXX XXXX XXXX  X    X  X                                   XXX   XXXX XX   X       XXX x    XXXXXXX X  X               X X
BDV                 X        X                           X             X       X  X  X X  XXX  X    X   X X
BDW   X  X XXXX XX XXX X X XXXXX XX XXXXXXX XXXXXX X X    XXX  XX     XXXX X     XXX XX  X    XXXXXXXXXX  XXXX  X  XXXX XXX
BEO   X X  X XX       X  X  XXX X    X     X  X XX          X            X X X      X XX    XXXX     XX XXX X       X          X X
BFD   XX  X X XX      X  X                                X                                 X       X X XXX     X              X X
BFS   X       XX X                X       X XX      X     X  X X                 X                   X X X   X                 X
-----------------------------------------------------------------------------------------------------------------
BGA   XX X X X X      XXXXX  XX       XXX XX  XXXXXXXXXX XXX X  XXX XXX XXXXXXXXXXXX XXXXXXXXXXXX XX  XXXX XX XXXXXXXX
BGF   X     XXXX XXXXXXXXX    XXXXX X XX  XXXXXXXX XXX   X XXX   XX  XX XX X XXY X X  XX XXX  XX XXXX XY XXXXX XX  XXX X
BHD          XX              X   XXX            X                      X X                            X  X       XXXXX Y   Y
BHG   X     X X  X  X        X X X X  X     X       X               X                        YX      X  X            XX     Y X
BHO   X XXXX        X        XX XX          XXX    X X X XXXXX       XX
BIM        X        XX    X               X    X  X       XX  XX     X              X              X           Y     X Y          X
BJI   XXX XXXXXXX XXXX XXXXXXXXXX XXXX  XXXXXXXXXXXXX XX XXXXXXXXX XXXXXXXXX XXXXX X XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXX X
BKS        X  XX               XX    X    X  X   XX X     X XXX      X             X  X X           X  XXXXX X                X Y
BLA        XX       X            X      X        XXX           X                                      X  X
BLF   X       XX X    X       XX X        X XX    X X    X   X X           X              X           X          X             X X
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BLY                          X                      X         X        X               Y       XX    X                         XX
BMG            X XXX XX  X    X X                   X          XX                    X                X            X
BMN   X  X XXXX XX XXX X    XXXXX XXXXX XXXX XXXXXX     X    XXX   XX X XXXXXXXX   XXX XX   X X XXXXXXXXXX   XXXX   X   XX     X X
BNG   XXXXXXXXXXX XXXXXXXXX XXX XX X XXXXXXXXXXXXX X    XXXXXX XXXXXXXXXXXXXX XX XXXXXXXXX XX XXXXXXXXXXX XXXXX XX XXXXXX
BNS   X    X  X                X             X                X                    X    X                 XX X                 X X
BNT   XXX  X XX XXX  X XXX     X XXX    X    X XXX
BOG       X  XXXXX XX XX  XX X      X      X XXXXXX            XX   XX     X XX   X    XXXXX          X X   X X XX   XX         X    XXX X
BOM       X  X               X             X                              X        X    X    X              X       X                  X
BPA           X     X XX      X    X    X        X           X      X          XX          X              X    X          X    XX
BPI   X    XX XX                X X        X XX       X         X X          X
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BRD    X      XX      X           X                X                          X                          X                       X    X
BRG      X           XXXXXXXXXX XXXXXXXXX XXXX   XXXXX XX XXXXXXXXXXX XXXXXXXXX XXX X    XX XXXXXXXXXX XX XXXXXXXX XXXXXX
BRK        X  XX                XX   X   X  X    X          X    X      X            X  X X              XXXX                      X X
BRLK   X X  XX   X              X     X X     XX     X XX  XX  X XXX     X XX  XX    X   X         X X XX     X X X X          X
BRS   XXXXX XXXX  XXXXXXXXXX     XXXX  X   X    XX        X                                                     XXXXXXX  X XXX
BRT        X XX X              X  X   X   X    X                           XX   X     XX   X     XXXX
BRW   XX    X X  X   X         X  X  X  X     X       X          XXXXX  X XXX          X        X  X  XX XXXX X   X XX X X      X X
BRY                           X X         X       X      XXX                X          XX  X      XXX   XXX   X X X X X           X  X
BSF   XX    X XX XX X X XX    XXX    X XX     X   XX XX     X     X     X          XX X   XX X     XXXX X XXX XXX  X   XXXXX XX XXXX X
BSI   X    X X XX       XX X X X    X     X XX XX X  XXXXX      XXXX     XXX X        X                XX                X             X X
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BTO   XX   XXXXXXX X     XXX   XXXX   X XX   XXXX X  XX      XX X X    XXX XXXX XX     XXX  X XX XXX XXX XXXXXXX XX XX       X X X
BUD   X     X  X                X        XX     X     X          X            X XX           X     X       X XXX          X        XX X X
BUH   X     X XX                   X    X       X                X                X        X          X          X XXX           XY   X X X
BUL   XXX XX XX XX  XXXXX X XXXX      X X  X XXXXXX X  XXXXXX    XX     XXXX   X X  XX X XXXXXX XXXXXXXXX XXX XX   XXX X XXX
BUT      XX                   XXXXX X             XX X                                X                          X        X    XX
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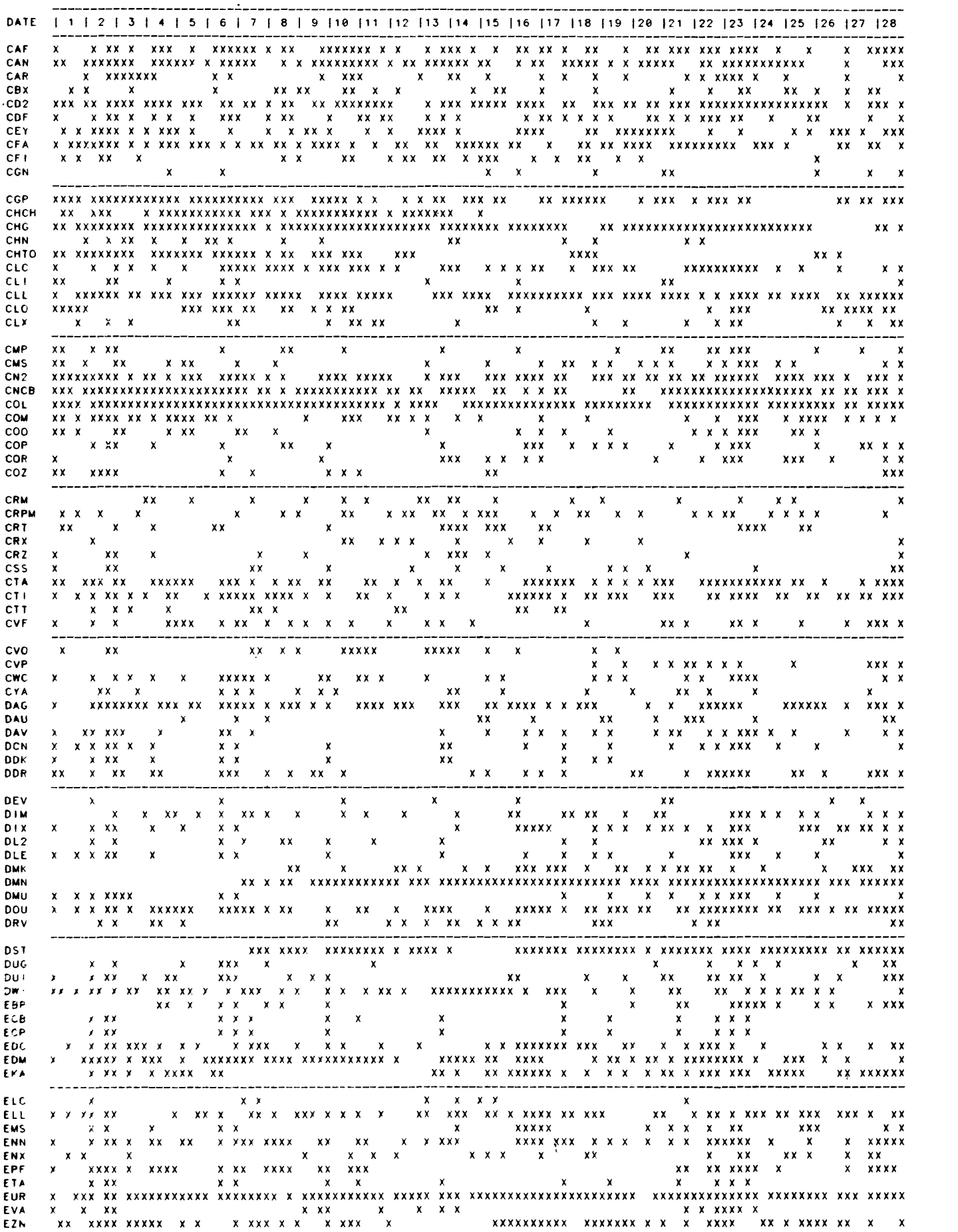
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CAR
CBX
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CEY
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CFI
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CHCH
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CHN
CHTO
CLC
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CLO
CLX
CMP
CMS
CN2
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COZ
CRM
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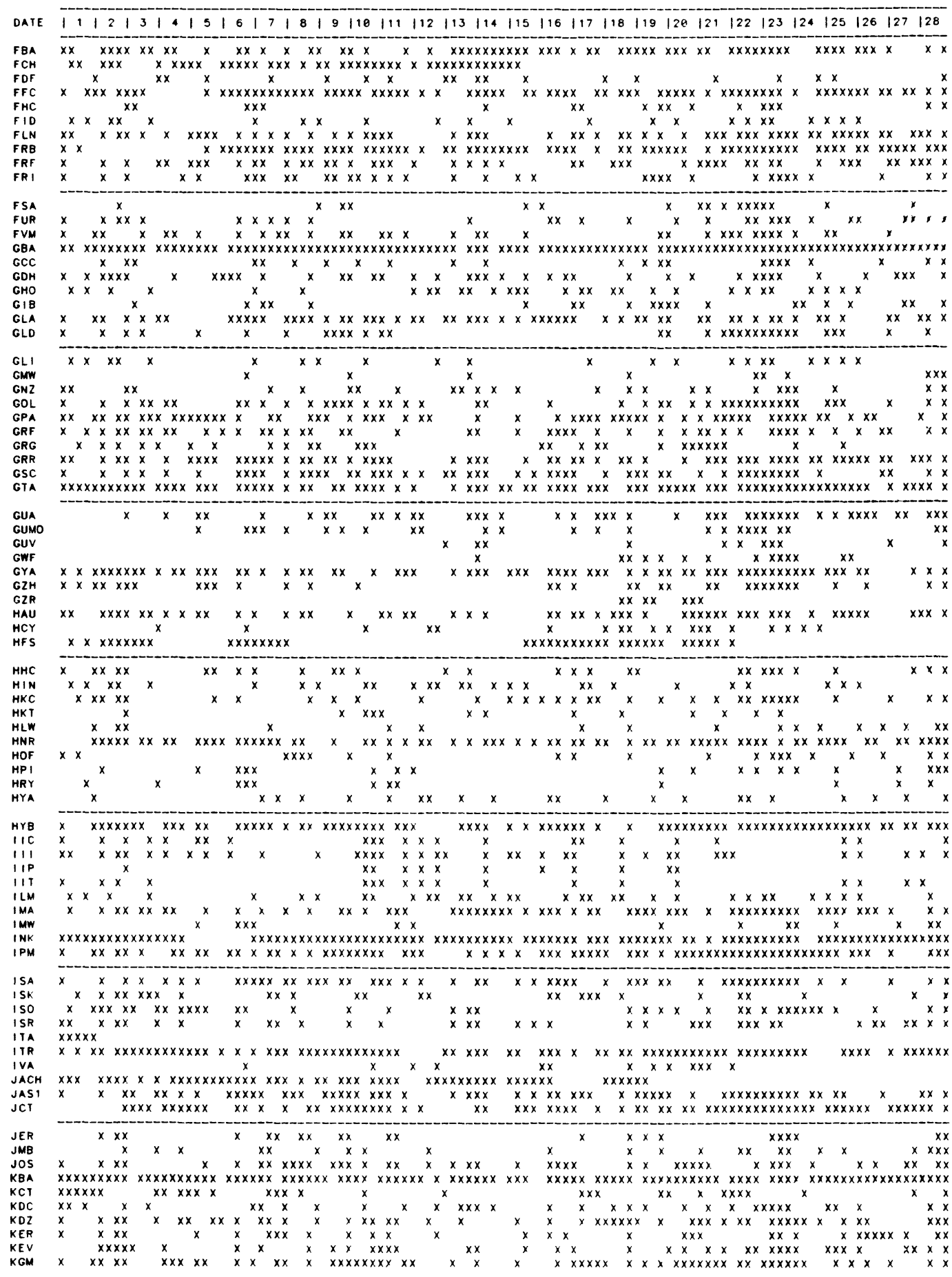
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HYB
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ITA
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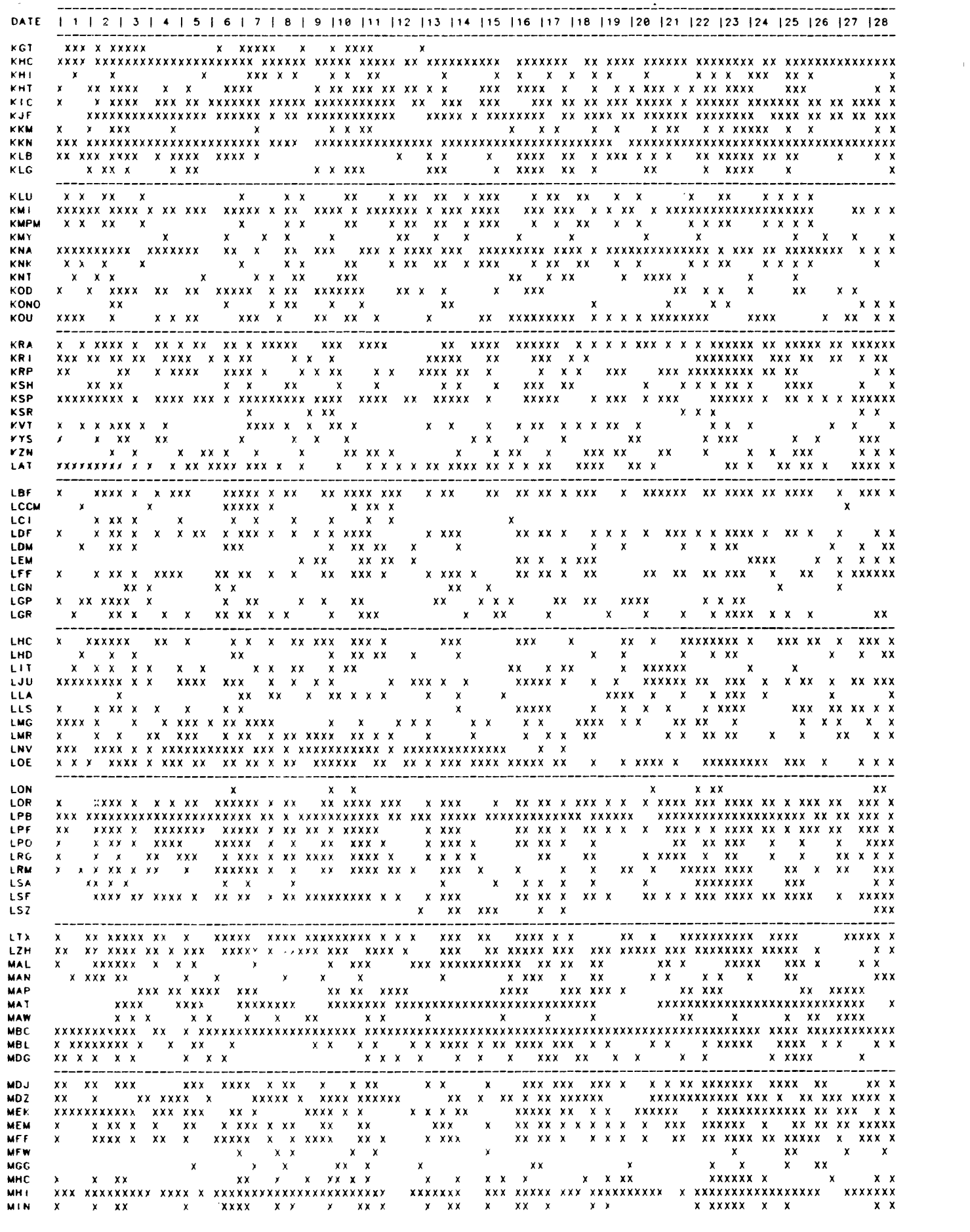
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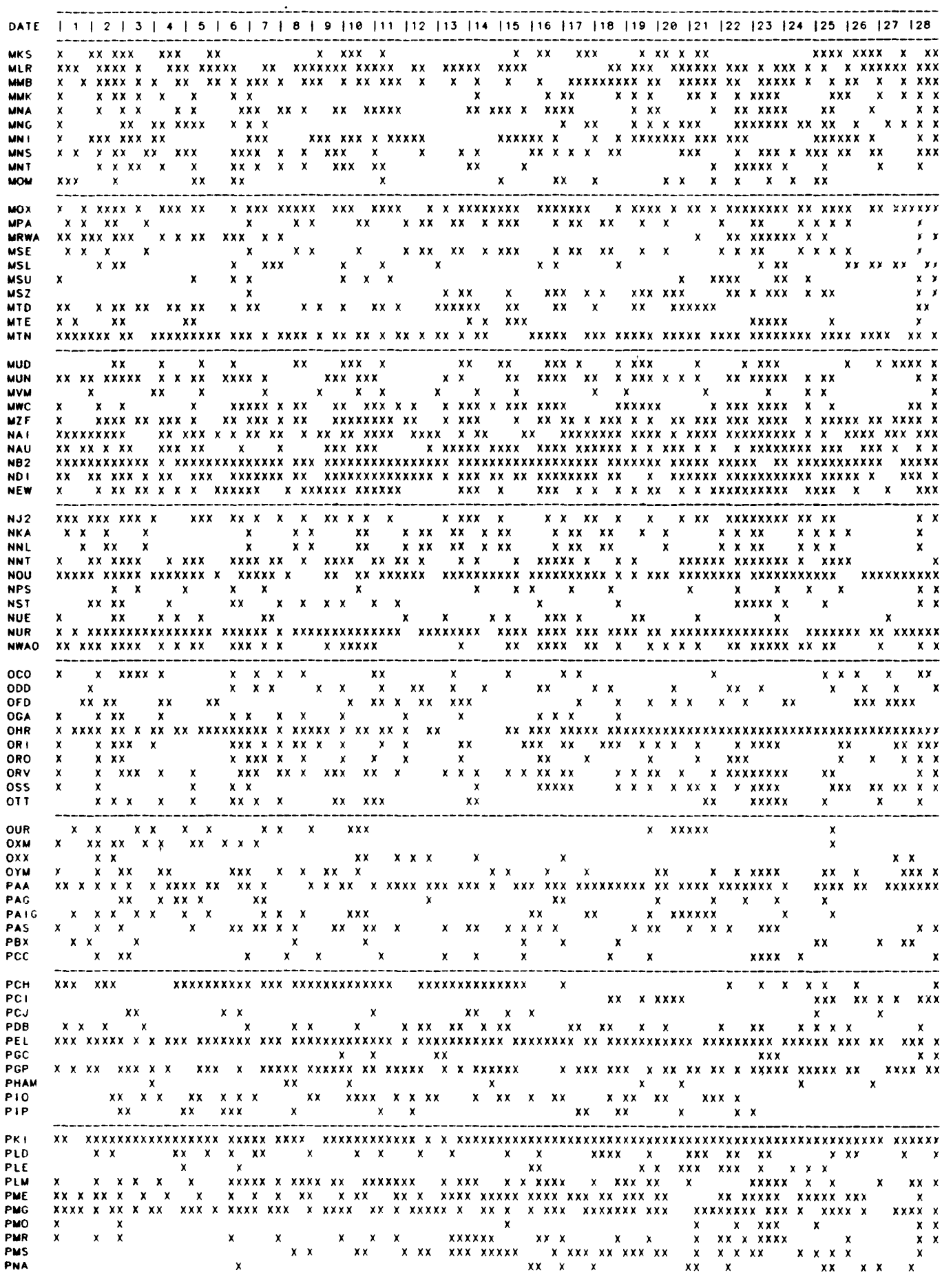
MHI
MIN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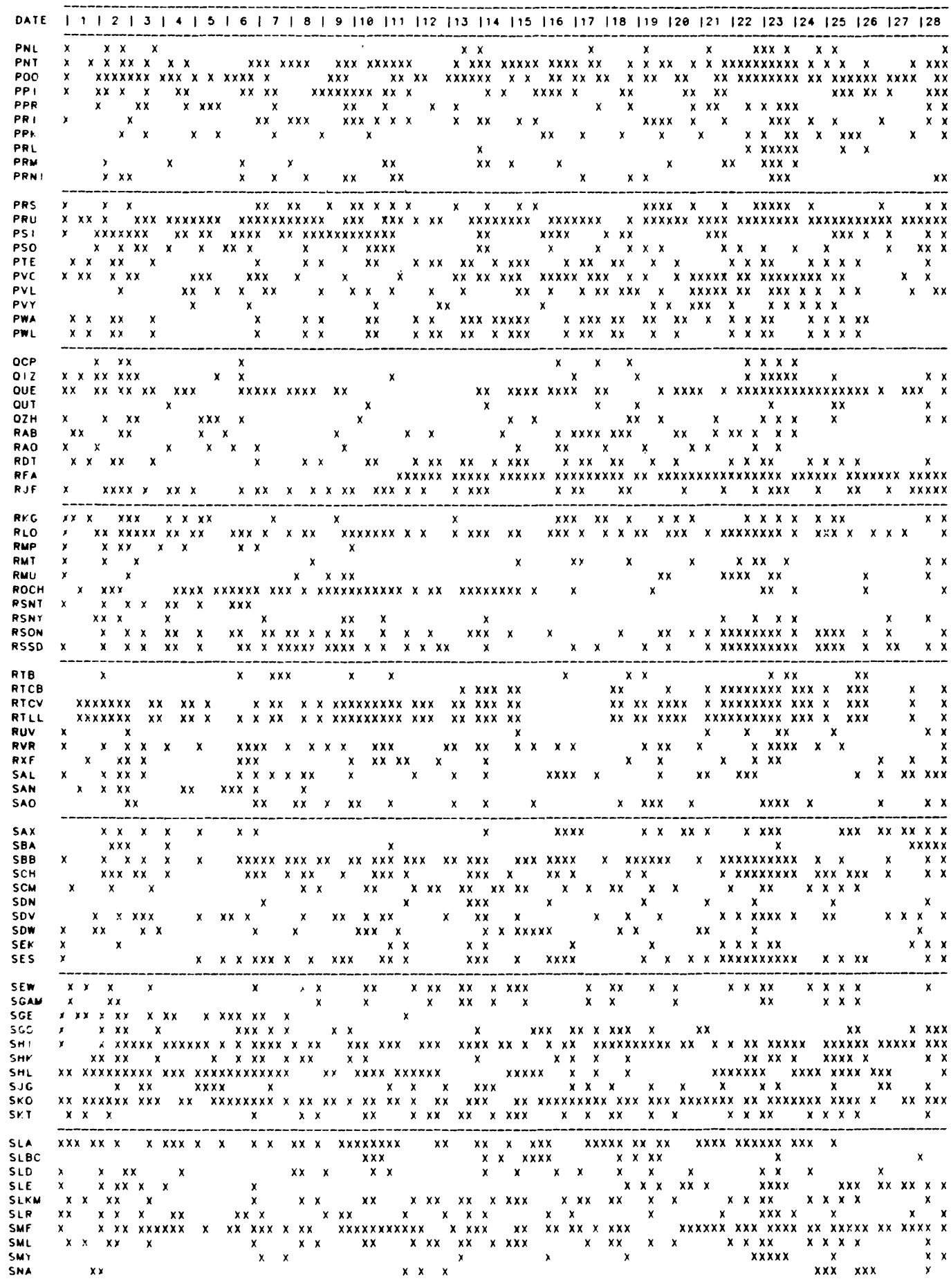
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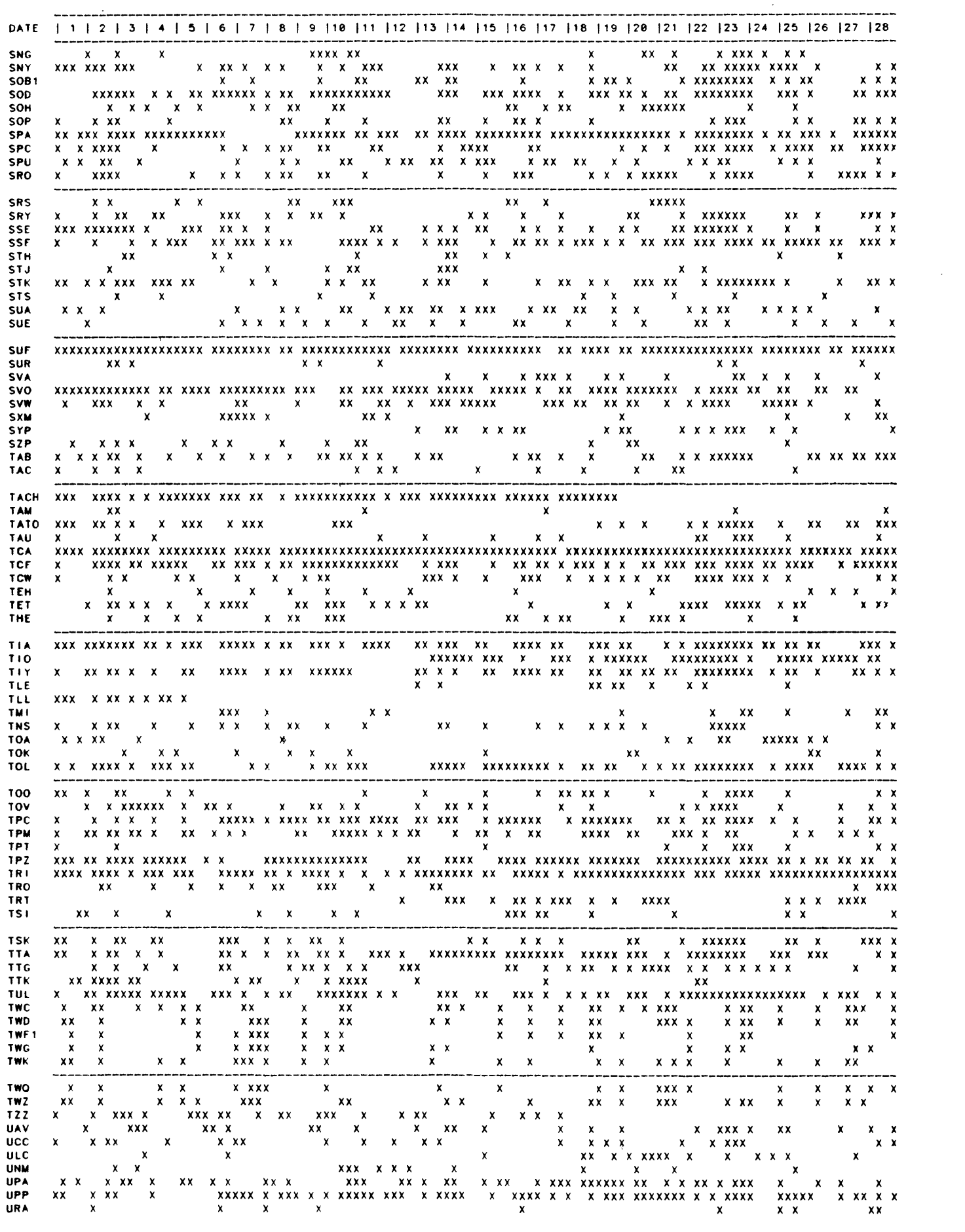
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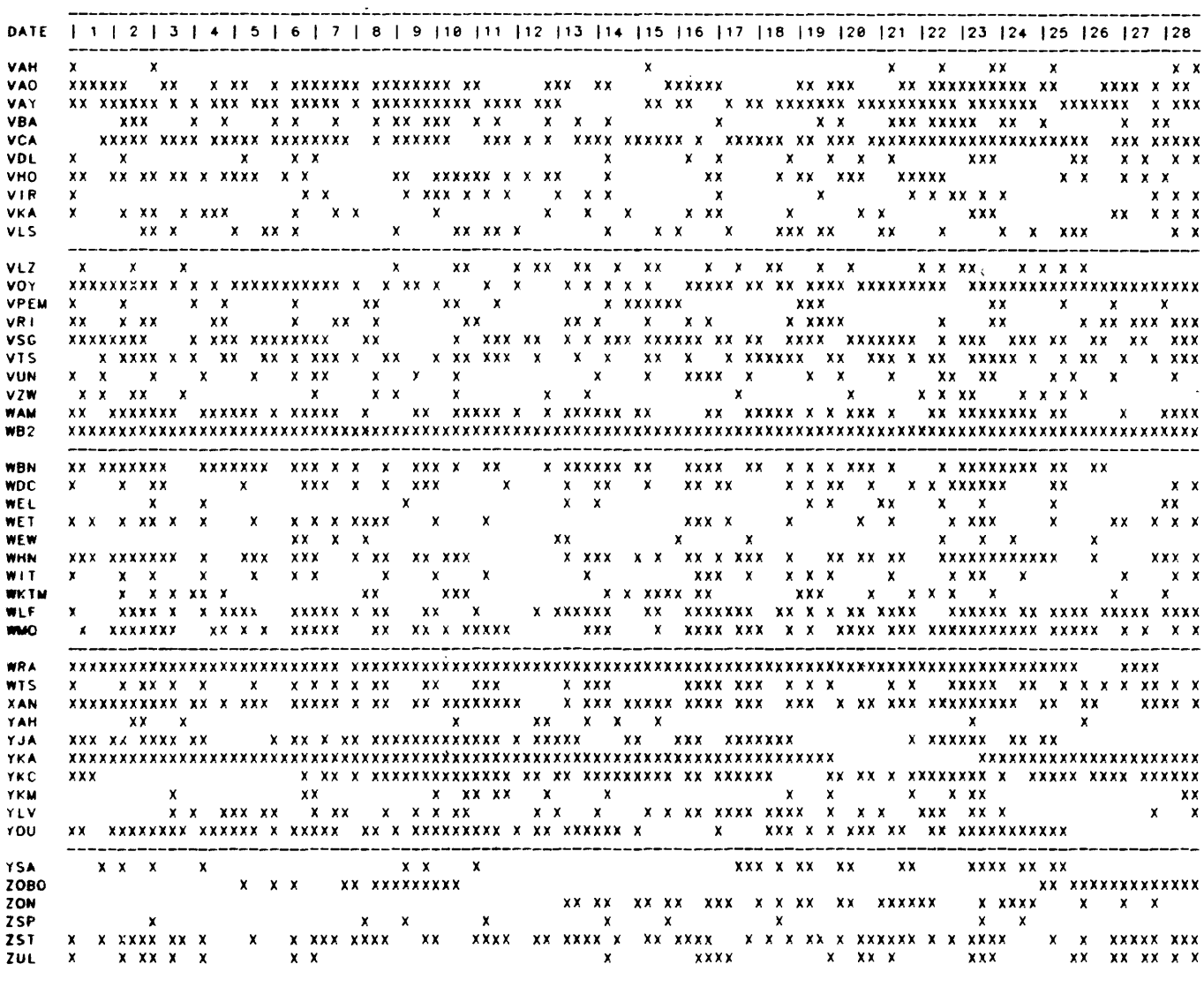

The following stations each reported less than 10 readings:

ABA	ABJ	ACO	AFR	AGAM	AGT	AHA	AIN	AJI	AJM	AKI	AKU	ALI	ANG	ANM	AOM	APO	ARO
ASA	ATE	AUH	AUI	BAC	BBJ	BBT	BCPM	BDH	BER	BFW	BKB	BLN	BLP	BLR	BMR	BMRM	BNH
BOH	BOT	BRL	BRN	BTG	BUC	BUC1	CAL	CBI	CEI	CGLM	CHI	CHO	CHY	CIS	CLV	COI	CPBX
CPE	CPK	CR3	CR4	CR5	CR6	CR7	CRI	CSG	CTAO	CTGM	CUM	CVA	CVL	DBN	DES	DMV	DNP
DOR	DRA	EAU	EBH	EBL	EDU	ELO	EMX	ESCF	ESR	ESY	FKK	FKS	FUK	FUL	FUO	FYU	GAP
GCA	GCM	GFM	GHW	GIF	GKC	GLB	GLM	GMTN	GNG	GRA2	GRA3	GRB1	GRB2	GRB3	GRB5	GRC1	GRC3
GRM	GRT	GSH	GVI	GWJ	GYO	HAC	HAK	HAM	HAY	HBF	HCR	HDA	HIK	HIM	HLP	HMM	HNME
HOJ	HON	HPU	HQN	HRI	HTW	HYF	IID	IIM	IKP	ISI	ISN	ISSF	ITB	ITB1	ITB7	JAU	JAY
JCW	JOZ	KAE	KAG	KAIM	KAN	KBS	KHU	KKU	KLM	KMG	KMJ	KMR	KNH	KOB	KOF	KPO	KRNA
KUH	KUM	KUPT	KUS	KYO	LCG	LHE	LHS	LIS	LJX	LMPM	LVY	MADF	MBU	MCK	MCO	MCO	MCW
MDN	MEX	MID	MIM	MIS	MIT	MIY	MKA	MLH	MLX	MNZ	MOO	MOT	MRK	MRR	MSR	MT1	MTG
MTH	MTS	MVH	MVI	MWH	MYK	MYZ	MZX	NA2	NAG	NAH	NAO	NAV	NDF	NEA	NEM	NGH	NGN
NGO	NOH	NPH	NPN	NSLM	NWRM	NZJ	OAX	OBI	ODB	OFU	OGE	OIT	OKA	OLY	OMW	ONA	OPA
OSA	OSB	OSH	OSK	OUT	OWA	PAE	PAF	PAX	PCA	PCT	PHC	PJG	PLDF	PLH	PLRM	POW	PPL
PPN	PPT	PRN	PRST	PSN	PSZ	PTO	PUH	PWH	PWLA	QCS	QZO	RAGM	RAR	RDJ	RDS	REY	RIM
RIV	RKT	RMJ	RMN	RMO	RMW	ROF	RRO	SAG	SAM	SAP	SEG	SEN	SFG	SHJ	SHN	SHO	SHW
SMZ	SIT	SJI	SKLY	SLB	SLL	SLW	SMW	SNH	SOA	SPT	SPW	SPX	SRE	SSR	STB	STU	SUT
SVB	SVP	SYO	TAF	TAJ	TAT	TBH	TBI	TCE	TEN	TIN	TKD	TKL	TLX	TMBR	TOT	TOY	TPX
TRN	TSIM	TSU	TTR	TTV	TVO	TWM1	TYK	UNZ	UTS	UWE	VAL	VAR	VCM	WAJ	WAK	WAR	WCN
WHA	WKA	WKY	WRH	WRN	WVLY	YAM	YMT3	YOK	ZNT								