UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

EARTHQUAKE DATA REPORT

FEBRUARY 1992

by

U.S. Geological Survey

NATIONAL EARTHQUAKE INFORMATION CENTER[1]

Open-File Report 92-602

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1992

[1]USGS, Denver, Colorado

U. S. DEPARTMENT OF THE INTERIOR

Geological Survey

EARTHQUAKE DATA REPORT

The Earthquake Data Report (EDR) is a bulletin of all seismic phase and amplitude data which were associated with events published in the Preliminary Determination of Epicenters (PDE) Monthly Listing. It also contains information about the hypocentral computations (such as standard errors) that are not included in the PDE Monthly Listing. A machine-readable version of this EDR is available from the Books and Open-File Reports Section of the U.S. Geological Survey.

All data in the EDR are grouped by event, with events listed by origin time in date/time order through the month. All times are in Coordinated Universal Time (UTC). Locations are in decimal degrees of geographic latitude and longitude. Depths are in kilometers below the free surface. Hypocentral coordinates are determined by a modified Geiger's method and may be constrained by reported first arriving P-waves, Pdiff, and the DF branch of PKP. Data are corrected for station elevation and for the ellipticity of the Earth. Outliers may be truncated (ie., removed from the calculation) either automatically or manually. The solution is allowed to converge between rounds of automatic truncation to insure a unique result. Convergence is aided by step length damping.

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

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

Two types of magnitude are computed: body-wave magnitude (m_b) and surface-wave magnitude (M_{SZ}). Each is a 25% trimmed mean of individual station values. Station magnitudes not used in the trimmed mean are marked with an X This includes station magnitudes of either type which deviate significantly from the mean and surface-wave magnitudes determined from horizontal amplitudes. Body-wave magnitudes are computed according to the formula $\log(A/T)+Q$, derived by Gutenberg and Richter (1956), where A is the P-wave amplitude in micrometers, T is the period in seconds, and Q is the depth-distance factor. Surface-wave magnitudes are computed from the formula $\log(A/T) + 1.66\log(\Delta) + 3.3$, where A is the maximum vertical surface-wave amplitude in micrometers, T is the period in seconds, and Δ is the epicentral distance in degrees. Surface-wave magnitudes are determined only for earthquakes whose focal depths (taking into account the computed standard deviations) are potentially less than 50 km, for stations having $20° \leq \Delta \leq 160°$, and for reported periods of $18 \leq T \leq 22$ s. No correction for focal depth is used in the M_S calculation. Body-wave magnitudes are not determined from PKP arrivals or for stations having $\Delta \leq 5°$. Amplitude values stated in this report are in nanometers (nm) for body-waves and micrometers (μm) for surface-waves.

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

The pulse distortion of seismic phases that have ray paths that touch a single internal caustic (*e.g.*, PP, pPP, SS and PKPab) can be corrected using the method of Hilbert transformation described by Choy and Richards (1975). Arrival times that are read from the phases that are corrected for pulse distortion are identified by the symbol H preceding the phase identifier (*e.g.*, HPP, HpPP, HSS and HP′ab).

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 "`". Also note that certain phase codes are abbreviated because the data base and file format limit the length of the codes to five characters. Thus, PKP is occasionally abbreviated to P′ and the numbers 2 and 3 are sometimes used to represent the AB (AC for SKKS) and BC branches of core phases, respectively. In some codes, R is used to represent repetition; for example, pRPKP represents the phase pPKPPKP and RRPG represents PgPgPg.

References

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Choy, George L. and P. G. Richards (1975), Pulse Distortion and Hilbert Transformation in Multiply Reflected and Refracted Body Waves, *Bull. Seis. Soc. Am.*, **65**, pp. 55–70.

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

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-----------------------------------------
   FEB  01, 1992  00h 05m 46.96± 0.54s
   40.592 N ± 4.1km   23.491 E ± 5.3km
   DEPTH =  10.0km  (geophysicist)
 GREECE                                (364)
      MD 2.4 (THE).

SOH      0.25 336 iPg   05 52.60   0.3
                  eSg   05 56.08
THE      0.40 276 ePg   05 54.72  -0.5
                  eSg   06 00.12
OUR      0.45 124 iPg   05 56.38   0.2
                  iSg   06 02.89
SRS      0.53   8 ePg   05 57.60  -0.1
                  eSg   06 05.68
PAIG     0.68 168 ePg   05 59.84  -0.6
                  eSg   06 09.28
KNT      0.73 322 ePg   06 00.80  -0.4
                  eSg   06 10.40
LIT      0.91 238 iPg   06 04.60   0.2
                  iSg   06 17.52
VAY      1.01 317 iPg   06 06.40   0.4
       0.3s    50.00nm
                  iSg   06 20.60
                  Lg    06 21.80
AGG      1.80 210 iPb   06 18.92   0.6
     S.D. = 0.5  on   9 of   9 obs.
-----------------------------------------
*  FEB  01, 1992  02h 12m 44.21± 1.29s
   31.134 S ± 8.5km   71.456 W ±19.2km
   DEPTH =  10.0km  (geophysicist)
 NEAR COAST OF CENTRAL CHILE           (135)
      MD 4.4 (SAN).

JACH     1.71 155 iP    13 16.00   1.7
                  iS    13 41.50
ROCH     1.87 168 iP    13 17.00   0.3
                  iS    13 43.00
IHA      1.89 185 eP    13 22.00   5.2X
                  eS    13 48.30
PEL      2.11 162 iPc   13 20.70   0.7
                  iS    13 51.00
RTCB     2.30  99 iPd   13 26.00   3.1X
LCCH     2.34 182 iP    13 22.00  -1.3
SAN      2.41 164 (P)   13 27.00   2.7X
                  iS    13 57.60
ZON      2.41 101 iPd   13 15.20  -9.2X
                  e(S)  13 49.20
PCH      2.60 162 iP    13 27.80   0.6
LNV      2.81 179 iP    13 28.00  -2.0
                  iS    14 03.50
MDZ      2.82 129 iP    13 34.80   4.6X
                  i(S)  13 55.30
CHCH     2.87 167 iP    13 31.00   0.1
                  iS    14 07.90
CACH     3.06 167 iPd   13 34.10   0.5
                  iS    14 14.10
TCA      5.88  94 iP    14 12.00  -1.6
ANT      7.46   7 eP    14 36.20   0.5
     S.D. = 1.3  on  10 of  15 obs.
-----------------------------------------
*  FEB  01, 1992  03h 38m 19.01± 1.33s
   45.863 N ± 9.0km  150.541 E ± 9.6km
   DEPTH = 101.4 ± 12.1 km
   4.6mb ( 44 obs.)
 KURIL ISLANDS                         (221)

KUSJ     5 00 239 eP    39 32.50  -0.5
                  S     40 24.80
ASAJ     5.87 256 eP    39 49.50   4.5X
HOOJ     6.27 239 eP    39 52.00   1.5
                  eS    40 57.70
MAT     13.14 229 (P)   41 22.00  -0.7
       0.6s     7.33nm          4.4mb
YAK     20.14 331 eP    42 46.00  -0.9
       0.7s    48.00nm          4.9mb
                  i     43 14.00
FBA     37.96  38 eP    45 29.00   1.2
       0.8s     1.00nm          3.8mb
INK     43.35  32 eP    46 13.00   1.0
MBC     46.03  19 eP    46 33.50   0.1
       0.5s     2.00nm          4.2mb
CHTO    50.17 255 eP    47 07.00   0.9
       0.9s     2.13nm          4.2mb
YKA     52.69  36 eP    47 23.70  -0.9
       0.7s     3.10nm          4.4mb
GUN     53.29 274 P     47 29.80  -0.1
       0.5s     9.00nm          5.0mb
KKN     53.78 274 P     47 34.00   0.7
       0.7s    17.00nm          5.2mb
PKI     53.83 274 P     47 34.00   0.2
DMN     54.02 274 P     47 35.60   0.5
GKN     54.10 275 P     47 35.80   0.2
       0.6s    14.00nm          5.2mb
FFC     62.55  39 iPc   48 33.50  -0.4
       0.4s     5.00nm          4.8mb
KAF     63.48 334 iP    48 37.20  -2.7
       0.5s     3.00nm          4.5mb
NUR     65.23 334 eP    48 48.80  -2.4
       0.5s     3.40nm          4.5mb
WB2     67.12 197 eP    49 02.30  -1.3
       0.7s     2.20nm          4.2mb
WRA     67.12 197 P     49 02.70  -0.9
       0.5s     1.70nm          4.2mb
UPP     67.83 336 iP    49 05.70  -1.9
NB2     68.47 340 P     49 10.10  -1.6
       0.5s     3.30nm          4.5mb
CLL     76.51 334 iP    49 58.60  -0.4
       1.1s    18.00nm          4.8mb
EKA     76.76 345 P     50 00.00  -0.3
       0.5s     3.10nm          4.4mb
PRU     77.18 333 eP    50 02.70   0.0
MOX     77.51 335 eP    50 03.90  -0.7
WTS     77.65 338 eP    50 05.50   0.2
       0.7s    14.00nm          4.9mb
SRO     77.77 329 eP    50 06.50   0.5
KHC     78.24 333 Pc    50 08.50  -0.1
       0.8s     5.40nm          4.4mb
GEC2    78.45 333 eP    50 08.60  -1.3
       0.6s     2.41nm          4.2mb
GRF     78.48 334 iPc   50 10.40   0.5
       0.8s    12.00nm          4.8mb
MEM     79.12 338 Pc    50 13.80   0.5
DOU     79.96 339 P     50 18.10   0.2
KBA     80.11 332 iPc   50 19.10   0.1
       0.8s    10.60nm          4.7mb
                 id     50 19.60
CDF     80.78 336 eP    50 22.30   0.0
       0.7s     5.50nm          4.5mb
HAU     81.41 337 eP    50 25.40  -0.1
BSF     81.44 336 eP    50 25.40  -0.4
FLN     82.42 341 eP    50 30.70  -0.1
       0.5s     3.65nm          4.5mb
LDF     82.50 341 eP    50 31.10  -0.1
LOR     82.75 338 eP    50 32.70   0.1
       0.4s     2.85nm          4.5mb
GRR     82.86 341 eP    50 33.20   0.2
       0.5s     7.30nm          4.8mb
LBF     82.99 338 eP    50 33.70  -0.1
       0.5s     1.80nm          4.3mb
SSF     83.04 338 eP    50 34.20   0.2
       0.6s     2.70nm          4.4mb
LPF     83.24 341 eP    50 35.20   0.2
       0.5s     3.65nm          4.6mb
AVF     83.33 338 eP    50 35.90   0.4
       0.5s     3.65nm          4.6mb
SMF     83.33 338 eP    50 35.80   0.3
       0.9s    10.65nm          4.8mb
LPL     83.56 335 eP    50 37.60   0.6
       0.5s     2.20nm          4.3mb
LPG     83.57 335 eP    50 37.80   0.7
       0.5s     2.90nm          4.5mb
BGF     83.68 338 eP    50 37.70   0.4
       0.5s     2.55nm          4.4mb
MAF     84.06 338 eP    50 40.20   1.0
       0.5s     7.65nm          4.9mb
TCF     84.09 339 eP    50 39.90   0.5
       0.6s     2.70nm          4.4mb
LSF     84.30 339 eP    50 41.00   0.6
       0.6s     3.60nm          4.5mb
MFF     84.38 340 eP    50 41.30   0.5
       0.6s     7.20nm          4.8mb
SBF     84.85 334 eP    50 43.60   0.3
       0.5s     4.35nm          4.6mb
CAF     85.40 338 eP    50 47.10   1.2
       0.5s     3.65nm          4.6mb
LRG     85.55 335 eP    50 47.20   0.6
       0.7s     8.80nm          4.9mb
PGF     85.55 333 eP    50 46.50  -0.3
       0.6s     4.50nm          4.6mb
LMR     85.62 335 eP    50 47.40   0.4
       0.6s     3.60nm          4.5mb
LFF     85.72 339 eP    50 48.60   1.1
       0.5s     7.30nm          4.9mb
LPO     85.85 339 eP    50 49.30   1.2
     S.D. = 0.9  on  59 of  60 obs.
-----------------------------------------
*  FEB  01, 1992  04h 21m 13.60± 1.66s
   45.088 S ± 8.1km  167.246 E ±14.5km
   DEPTH = 163.5 ± 12.5 km
 SOUTH ISLAND, NEW ZEALAND             (162)

MSZ      0.63  49 P     21 37.50   0.1
                  S     21 51.50
BCZ      1.01 156 P     21 39.60  -0.4
TLC      1.30  95 P     21 42.90   0.2
MMCZ     1.34  87 P     21 43.10   0.0
CMCZ     1.44  93 P     21 43.90  -0.1
SBCZ     1.46  91 P     21 44.00  -0.2
LRCZ     1.49  90 P     21 44.50  -0.1
MSCZ     1.53  91 P     21 45.10   0.2
TUZ      1.89 118 Pd    21 48.90   0.3
                  S     22 09.90
SIZ      1.89 161 P     21 48.80   0.2
BWZ      1.96  74 Pc    21 49.50   0.1
ODZ      2.41  90 P     21 54.60  -0.1
                  eS    22 20.70
MQZ      4.11  72 eP    22 16.20  -0.1
                  eS    22 58.90
LTZ      4.30  59 eP    22 18.50  -0.3
DSZ      4.71  46 P     22 24.20   0.0
THZ      5.29  53 eP    22 32.10   0.2
     S.D. = 0.2  on  16 of  16 obs.
-----------------------------------------
   FEB  01, 1992  04h 27m 18.68± 1.58s
   34.672 N ±14.8km   23.975 E ± 5.7km
   DEPTH =  45.9 ± 12.0 km
   3.9mb (  5 obs.)
 CRETE                                 (370)

NPS      1.47  66 eP    27 45.60   2.5
                  eS    28 07.30
VLI      2.21 338 eP    27 55.00   1.4
ATH      3.30 356 eP    28 08.00  -1.1
YER      4.27  54 iPn   28 23.20   0.2
CIN      4.43  48 eP    28 26.00   0.9
IZM      4.56  34 iPn   28 26.80  -0.2
PRK      4.92  21 eP    28 31.60  -0.4
ELL      5.25  65 iPn   28 37.00   0.2
KHL      5.77  49 ePn   28 42.00  -2.0
KZN      5.89 343 eP    28 44.60  -1.1
BCK      6.04  61 ePn   28 47.00  -0.8
VAY      6.73 351 ePn   29 05.40   8.0X
OHR      6.90 340 ePn   28 56.20  -3.7X
SOI      7.23 300 P     29 03.00  -1.5
SKO      7.56 345 ePn   29 04.60  -4.4X
CSS      7.70  85 eP    29 10.50  -0.5
                  eS    30 32.50
MEU      7.73 291 P     29 11.30  -0.2
                  eSn   30 30.90
MGR      8.64 312 P     29 21.70  -2.2
GEC2    16.08 335 Pn    31 05.40   2.3
       0.7s     1.58nm          3.2mb
KHC     16.37 335 eP    31 09.50   2.9X
                  e     31 22.00
PRU     16.80 339 eP    31 13.70   1.7
BSF     18.38 321 eP    31 33.10   1.4
CDF     18.51 323 eP    31 34.40   1.1
HAU     18.72 321 eP    31 36.60   0.8
DOU     20.94 323 P     31 59.60  -0.1
MFF     21.75 310 eP    32 08.60   0.7
LDF     22.63 315 eP    32 16.70   0.1
LPF     22.91 313 eP    32 20.10   0.8
       0.8s     8.05nm          4.2mb
FLN     22.92 315 eP    32 19.60   0.2
GRR     22.97 314 eP    32 19.70  -0.2
       0.9s     6.55nm          4.1mb
HFS     26.34 348 eP    32 49.80  -2.1
       0.2s     0.50nm          3.7mb
NB2     27.63 347 P     33 01.70  -2.0
       0.6s     1.40nm          3.8mb
GKN     51.57  80 P     36 22.80   0.2
DMN     52.11  80 P     36 27.00   0.2
KKN     52.18  80 P     36 27.00  -0.3
PKI     52.37  80 P     36 28.80  -0.1
GUN     52.61  79 P     36 31.00   0.3
     S.D. = 1.3  on  33 of  37 obs.
-----------------------------------------
?  FEB  01, 1992  04h 45m 55.02± 0.87s
   20.772 S ±43.2km  169.277 E ±25.4km
   DEPTH =  33.0km  (normal)
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   4.2mb (  4 obs.)  4.6Msz (  1 obs.)
 VANUATU ISLANDS                    (186)

DZM      2.94 243 iPd    46 39.90  -0.7
                  iS     47 15.40
CMS     23.55 238 eP     51 03.10  -0.3
        0.9s    11.00nm          4.4mb
OLP     23.63 251 eP     51 05.40   1.2
WB2     32.72 265 eP     52 26.50  -0.4
        0.6s     1.50nm          4.1mb
WRA     32.73 265 P      52 27.20   0.2
        0.5s     0.60nm          3.7mb
ASPA    32.83 258 iPc    52 28.10   0.2
        0.7s     5.20nm          4.5mb
KAF    131.49 338 ePKP   05 04.60  -0.7
        0.5s     2.20nm
NUR    133.15 337 iPKP   05 08.50   0.0
        0.5s     3.80nm
KSP    143.24 331 ePKP   05 24.90  -2.5X
BRG    144.25 333 iPKP   05 28.40  -0.7
        1.0s    20.00nm
SRO    144.28 326 ePKP   05 28.10  -1.1
CLL    144.31 334 iPKP   05 28.00  -1.1
PRU    144.64 332 ePKP   05 28.60  -1.2
ZST    144.66 327 e(PKP)05 29.40  -0.4
EKA    145.02 352 PKPd   05 29.00  -1.2
        0.6s     8.20nm
MOX    145.38 335 ePKP   05 31.50   0.5
KHC    145.70 331 ePKP   05 32.00   0.3
        1.0s     5.00nm
                   e     06 31.50
GEC2   145.85 331 ePKP   05 31.30  -0.7
        0.6s     2.04nm
GRF    146.28 334 ePKPc 05 33.90   1.3
      Z  20s     0.10um          4.6Msz
BCAO   147.25 244 iPKPd 05 35.70   0.5
        0.8s     7.00nm
KBA    147.28 329 iPKPd 05 36.20   1.7
        1.0s     3.60nm
MEM    147.43 340 PKP   05 36.70   2.4
WLF    148.20 339 PKPc  05 39.00   3.5X
DOU    148.32 341 PKPc  05 39.70   3.9X
CDF    148.86 337 ePKP  05 40.50   3.7X
        0.9s     8.20nm
SLE    148.91 335 ePKPd 05 40.90   4.0X
OSS    149.06 332 ePKPd 05 41.70   4.4X
LLS    149.42 333 ePKPd 05 42.50   4.6X
BSF    149.52 336 ePKP  05 41.90   4.0X
        0.7s     8.80nm
HAU    149.54 337 ePKP  05 42.00   4.2X
        0.9s    11.45nm
TMA    150.07 332 ePKPd 05 43.70   4.9X
MMK    150.50 333 ePKPd 05 45.20   5.6X
DIX    150.71 334 ePKPd 05 45.80   5.9X
FLN    150.89 346 ePKP  05 44.80   5.1X
        0.5s     6.55nm
EMS    150.92 334 ePKPd 05 46.30   6.2X
LDF    150.96 345 ePKP  05 44.80   4.9X
        0.7s     5.50nm
LOR    151.04 339 ePKP  05 45.60   5.6X
        0.7s     6.05nm
LBF    151.25 339 ePKP  05 45.90   5.5X
GRR    151.33 346 ePKP  05 45.80   5.4X
SSF    151.34 339 ePKP  05 46.20   5.7X
        0.7s     4.95nm
LPL    151.45 334 ePKP  05 47.10   6.1X
        0.6s     3.60nm
LPG    151.45 334 ePKP  05 47.10   6.0X
        0.5s     2.90nm
SMF    151.59 339 ePKP  05 46.50   5.6X
AVF    151.62 339 ePKP  05 46.20   5.3X
LPF    151.70 346 ePKP  05 46.80   5.8X
BGF    151.99 340 ePKP  05 47.50   6.0X
        0.6s     3.60nm
TCF    152.44 340 ePKP  05 48.40   6.3X
        0.7s     2.75nm
LSF    152.68 341 ePKP  05 48.70   6.2X
MFF    152.83 344 ePKP  05 48.50   5.9X
     S.D. = 1.1  on  21 of  49 obs.
-----------------------------------
   FEB  01, 1992  04h 52m 24.43± 0.57s
   23.488 N ± 8.2km   90.900 E ± 6.5km
   DEPTH =  33.0km  (normal)
 BANGLADESH                         (316)

SHL      2.25  23 iP     53 00.00  -0.3
                  iS     53 23.40
```

```
GUN      6.32 315 P      53 59.00   1.0
PKI      6.41 310 P      54 00.00   0.6
KKN      6.64 311 P      54 01.80  -0.6
DMN      6.65 309 P      54 02.20  -0.4
GKN      7.22 310 P      54 10.40  -0.1
CHG      8.83 120 eP     54 33.00   0.2
CHTO     8.83 120 eP     54 32.80   0.0
HYB     13.05 245 eP     55 30.00  -0.2
     S.D. = 0.6  on   9 of   9 obs.
-----------------------------------
*  FEB  01, 1992  05h 00m 12.65± 1.75s
   52.985 N ±23.7km  166.871 W ±15.0km
   DEPTH =  71.0 ± 12.9 km
   4.1mb (  6 obs.)
 FOX ISLANDS, ALEUTIAN ISLANDS   (  9)

SDN      4.43  55 eP     01 18.42  -0.4
ADK      6.10 264 eP     01 40.79  -1.4
PDB      9.78  41 eP     02 34.31   1.6
TTA     11.50  26 eP     02 57.46   1.5
MID     13.09  52 e(P)   03 18.70   1.9X
KLU     14.13  45 eP     03 23.76  -6.7X
TOA     14.32  42 eP     03 36.60   3.6X
IMA     14.68  22 eP     03 42.40   4.7X
FBA     15.39  32 eP     03 43.84  -2.8X
YKA     28.69  50 eP     06 03.00  -1.4
        0.6s     0.60nm          3.4mb
MBC     29.41  21 eP     06 10.00  -0.8
DAG     48.94   9 iPc    08 51.80  -0.9
        0.8s     9.70nm          4.9mb
NB2     66.31   1 P      10 53.60  -1.5
        0.7s     1.60nm          4.1mb
HFS     67.23 360 eP     10 59.30  -1.5
        0.4s     1.30nm          4.2mb
EKA     71.21  10 P      11 25.00  -0.3
        1.2s     7.70nm          4.5mb
GUN     77.75 300 P      12 05.00   1.3
KKN     78.16 300 P      12 06.60   0.8
PKI     78.27 300 P      12 07.00   0.4
GKN     78.32 301 P      12 07.40   0.8
DMN     78.39 301 P      12 08.20   1.0
WRA     88.59 234 P      12 59.50   0.8
        0.6s     0.20nm          3.5mb
WRA     88.59 234 P      13 11.40  12.7X
        0.8s     0.60nm
BUL    145.10 334 iPKPc 19 43.50   0.1
     S.D. = 1.2  on  17 of  23 obs.
-----------------------------------
*  FEB  01, 1992  05h 25m 02.95± 0.80s
   12.559 N ±12.2km   88.885 W ± 9.0km
   DEPTH =  33.0km  (normal)
   4.5mb (  9 obs.)  3.5Msz (  1 obs.)
 OFF COAST OF CENTRAL AMERICA    ( 76)

SDV     18.30 100 eP     29 16.50   0.2
TOV     18.93  96 eP     29 23.20  -0.7
PRM     22.24  14 P      29 59.10   0.7
JSC     22.71  17 P      30 05.00   1.9
OLY     22.96 355 P      30 05.40  -0.1
LHS     23.02  17 P      30 07.20   1.1
TKL     23.46  11 P      30 11.10   0.7
MEO     23.81 340 iPd    30 12.60  -1.2
LST     23.87 358 P      30 15.10   0.8
TUL     24.07 346 ePd    30 16.20  -0.1
        0.9s    37.80nm          4.9mb
      Z  22s     0.17um          3.5Msz
                   e      30 21.70
                   e      34 45.00
                  LR      38 42.00
LNO     24.07 346 ePd    30 15.90  -0.3
                   e      30 21.50
ELC     24.62 359 P      30 21.10  -0.5
FVM     25.36 357 P      30 27.20  -1.4
ACO     25.75 341 iPc    30 32.10  -0.2
CVL     26.97  18 P      30 44.00   0.5
ALQ     27.39 327 eP     30 48.00   0.4
        1.0s     1.50nm          3.6mb
GLD     30.69 335 P      31 17.00  -0.1
        1.2s    16.16nm          4.7mb
GOL     30.71 335 P      31 16.30  -1.1
PLM     32.87 314 P      31 37.50   1.2
RSSD    34.04 340 P      31 45.70  -0.7
        0.8s    10.02nm          4.8mb
BW06    35.04 333 P      31 55.20   0.2
        1.2s     2.74nm          4.1mb
TNP     35.82 320 P      32 02.20   0.6
        1.0s     2.00nm          4.0mb
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BONR    36.42 319 P      32 07.70   0.8
PHAM    36.65 315 P      32 09.90   1.5
LRM     38.71 333 eP     32 25.90   0.0
SES     41.86 339 eP     32 52.00   0.4
FFC     43.31 349 iPd    33 02.70  -0.6
        0.8s    13.00nm          4.7mb
YKA     53.15 345 eP     34 15.80  -3.8X
        1.0s     6.50nm          4.6mb
INK     62.69 343 eP     35 24.00  -2.5
MBC     65.72 352 eP     35 44.00  -2.1
        1.0s     5.00nm          4.6mb
KIC     82.95  85 P      37 27.00   0.3
WB2    137.94 254 ePKP   44 33.00   6.0X
        0.5s     2.10nm
WRA    137.95 254 PKP    44 27.50   0.5
        1.1s     0.50nm
HYB    147.74  23 ePKP   44 46.00   2.1X
CHTO   147.89 346 ePKP   44 46.50   2.4X
        1.1s     6.48nm
     S.D. = 1.0  on  31 of  35 obs.
-----------------------------------
&  FEB  01, 1992  08h 23m 57.22s
   59.217 N          153.688 W
   DEPTH = 105.6km
   3.2mb (  1 obs.)
 SOUTHERN ALASKA                    (  2)
      <AEIC>.

AUI      0.18  48 iPc    24 11.53   0.9
                  eS     24 22.45
AUP      0.20  43 ePc    24 11.80   0.9
AUE      0.22  49 iPc    24 11.84   1.1
                  eS     24 23.08
PDB      0.63 336 iPd    24 13.77  -1.0
                  eS     24 26.66
BGM      0.81 283 iPd    24 14.97  -1.5
INW      0.90  18 iPc    24 16.52  -0.9
                  eS     24 31.57
INE      0.90  20 iPc    24 16.71  -0.8
                  eS     24 31.92
XLV      1.04  76 ePc    24 17.76  -1.0
                  eS     24 34.16
RED      1.29  21 iPc    24 20.76  -1.0
                  eS     24 39.39
CNPM     1.29  75 iPc    24 20.50  -1.2
                  eS     24 38.81
RS1      1.33  20 iPc    24 21.48  -0.9
                  eS     24 40.34
RSO      1.34  20 iPc    24 21.48  -0.9
                  eS     24 40.17
RS2      1.34  20 iPc    24 21.51  -0.9
RDW      1.35  19 iPc    24 21.55  -0.9
                  eS     24 40.58
REF      1.37  21 iPc    24 21.79  -1.0
                  eS     24 41.21
NCT      1.40  15 iPc    24 22.13  -0.9
                  eS     24 41.70
DFR      1.47  20 ePc    24 22.96  -0.9
NNL      1.47  55 ePc    24 23.32  -0.5
RDT      1.51  25 iPc    24 23.09  -1.2
                  eS     24 43.25
BRLK     1.53  68 ePc    24 23.01  -1.6
                  eS     24 44.29
KDC      1.60 156 eP     24 24.22  -1.1
BKG      1.99  20 iPc    24 29.47  -1.0
SVW      2.13 334 eP     24 30.67  -1.6
SPU      2.13  22 ePc    24 31.03  -1.3
                  eS     24 58.46
BGL      2.15  17 iPc    24 31.83  -0.8
SLKM     2.18  52 eP     24 31.46  -1.4
                  eS     24 58.66
CRP      2.19  20 eP     24 32.25  -1.0
CGLM     2.26  21 ePc    24 32.85  -1.2
NCG      2.32  18 ePc    24 33.80  -1.1
SEW      2.33  66 eP     24 32.68  -2.1
                  eS     25 00.32
SUA      2.69  32 ePc    24 38.92  -0.8
                  eS     25 10.53
PMS      2.89  44 ePc    24 41.00  -1.5
                  eS     25 14.44
SKT      2.97  20 ePc    24 42.01  -1.4
                  eS     25 17.94
PWA      3.09  36 eP     24 43.69  -1.3
MTU      3.16  73 eP     24 44.31  -1.8
PLRM     3.28  42 eP     24 45.20  -2.5
                  eS     25 22.00
PMR      3.28  42 eP     24 44.58  -3.1
```

eS 25 17.22
KNK 3.41 48 eP 24 46.95 -2.5
GHO 3.48 41 eP 24 48.29 -2.2
eS 25 26.79
CUT 3.61 26 eP 24 50.78 -1.3
GLI 3.70 60 eP 24 49.95 -3.5
SML 3.71 43 eP 24 51.15 -2.4
MID 3.77 84 eP 24 52.59 -1.7
TTA 3.89 344 e(P) 24 53.75 -2.3
FID 3.93 64 ePc 24 52.93 -3.7
eS 25 35.47
VZW 4.02 60 eP 24 55.50 -2.3
VLZ 4.15 59 eP 24 56.68 -2.7
eS 25 43.11
HUR 4.25 26 eP 24 59.54 -1.4
SGAM 4.47 70 eP 25 00.42 -3.4
eS 25 51.50
KLU 4.48 56 ePc 25 01.29 -2.9
KTH 4.55 16 eP 25 03.46 -1.6
TRF 4.55 20 eP 25 03.67 -1.5
TOA 4.70 49 eP 25 04.59 -2.5
KAIM 4.77 77 ePc 25 06.08 -1.9
RND 4.81 27 eP 25 05.89 -2.7
TZL 4.96 52 eP 25 08.54 -2.1
MCK 5.07 25 eP 25 11.29 -0.9
SDG 5.18 47 eP 25 11.33 -2.4
GLB 5.39 61 ePc 25 13.70 -3.0
PAX 5.48 43 eP 25 15.79 -2.2
CROM 5.52 69 eP 25 16.01 -2.5
TGL 5.67 70 eP 25 17.91 -2.6
BALM 5.96 67 eP 25 21.75 -2.7
WRG 5.97 77 eP 25 22.64 -2.0
HDA 6.10 29 eP 25 22.97 -3.4
CCB 6.11 24 eP 25 22.66 -3.8
YAH 6.14 74 eP 25 24.77 -2.3
MDM 6.30 22 eP 25 25.73 -3.5
FBA 6.34 23 eP 25 27.75 -1.9
CTGM 6.42 69 eP 25 29.47 -1.5
GLM 6.50 24 eP 25 29.44 -2.4
YKA 19.11 63 eP 28 10.50 -3.4
0.6s 0.70nm 3.2mb
72 obs. associated

• FEB 01, 1992 08h 55m 47.52± 1.34s
38.080 N ±14.8km 20.277 E ± 6.8km
DEPTH = 33.0km (normal)
3.6mb (1 obs.)
GREECE (364)
MD 3.5 (ATH), 3.4 (THE).

IGT 1.45 2 ePb 56 10.66 -1.0
eSb 56 28.66
KEK 1.67 347 ePb 56 15.80 0.9
AGG 1.86 59 ePb 56 18.34 0.6
eSb 56 41.18
KZN 2.51 27 ePb 56 28.10 1.2
LIT 2.65 40 ePn 56 29.14 0.2
ATH 2.72 91 ePb 56 33.40 3.6X
OHR 3.05 7 iPn 56 32.90 -1.7
SOI 3.33 271 P 56 39.60 1.1
eSg 57 14.90
TDS 3.46 298 P 56 42.00 1.7
SOH 3.63 40 ePn 56 43.18 0.4
OUR 3.65 51 ePn 56 41.98 -1.1
BRT 3.67 321 P 56 42.80 -0.5
eSn 57 24.50
KNT 3.68 33 ePn 56 44.30 0.8
VAY 3.69 28 iPn 56 43.70 0.2
ATN 3.80 273 P 56 44.10 -1.0
SRS 3.97 39 ePn 56 48.22 0.6
SKO 3.99 13 ePn 56 50.10 2.2X
eSn 57 25.00
MNO 4.41 270 P 56 53.00 -1.1
SGO 4.58 304 P 56 57.70 1.5
CRE 8.39 314 P 57 50.00 0.1
HFS 22.47 351 eP 00 42.20 -2.7
0.4s 1.00nm 3.6mb
GKN 53.93 80 P 05 05.60 -4.7X
PKI 54.73 81 P 05 04.20 -12.3X
GUN 54.94 80 P 05 10.60 -7.4X
WRA 120.73 92 Pdiff 11 08.40 5.2X
1.2s 0.30nm
S.D. = 1.3 on 19 of 25 obs.

FEB 01, 1992 09h 05m 16.93± 0.46s
38.291 N ± 5.4km 20.311 E ± 3.1km
DEPTH = 5.0km (geophysicist)
4.3mb (5 obs.)
GREECE (364)
ML 4.0 (ATH).

VLS 0.25 117 iPgc 05 21.20 -0.8
IGT 1.24 1 iPg 05 41.66 1.2
iSg 05 56.72
KEK 1.48 344 ePb 05 47.50 3.3X
AGG 1.74 65 ePb 05 49.28 1.3
eSb 06 08.20
KZN 2.31 29 ePn 05 57.80 1.5
LIT 2.48 42 ePn 05 59.92 1.3
eSn 06 25.60
VLI 2.61 126 ePn 06 06.00 5.5X
FNA 2.62 18 ePn 06 01.74 1.0
ATH 2.70 96 ePn 06 01.60 -0.2
LCI 2.74 319 P 06 02.30 0.0
OHR 2.84 7 iPn 06 05.10 1.2
1.2s 955.00nm
iSn 06 41.20
Lg 07 04.30
PAIG 3.09 57 ePn 06 07.20 0.0
GRI 3.10 281 P 06 08.68 1.3
THE 3.11 40 ePn 06 08.44 0.9
eSn 06 41.84
ROI 3.19 295 P 06 10.50 1.8
SOI 3.36 268 P 06 12.10 1.0
TDS 3.38 295 P 06 13.40 1.9
CZI 3.39 287 P 06 13.50 1.9
SOH 3.45 42 ePn 06 12.40 -0.1
iSn 06 49.12
CSI 3.47 297 P 06 12.50 -0.2
VAY 3.49 29 iPn 06 12.00 -0.9
1.2s 380.00nm
iSn 07 15.30
Lg 07 37.40
KNT 3.49 34 iPn 06 12.92 -0.1
OUR 3.50 53 ePn 06 13.08 -0.1
BRT 3.53 318 P 06 14.30 0.8
MMN 3.72 297 P 06 19.00 2.7
SKO 3.78 13 iPn 06 16.60 -0.5
i 06 27.20
SRS 3.79 41 ePn 06 16.52 -0.8
ATN 3.82 270 P 06 17.80 0.1
BAI 3.88 318 P 06 18.00 -0.5
MGR 4.13 298 P 06 23.10 1.1
MEU 4.43 256 Pc 06 25.00 -1.4
MNO 4.44 267 P 06 26.90 0.2
PZI 4.46 255 P 06 24.26 -2.6
SGO 4.49 302 P 06 29.60 2.5
PRK 4.76 77 ePn 06 33.00 2.0
GIB 4.96 268 P 06 35.09 1.1
ALN 5.14 58 ePn 06 35.84 -0.5
FAI 5.35 261 P 06 39.40 0.0
IZM 5.47 87 eP 06 41.00 -0.1
DUI 5.62 309 P 06 45.20 2.0
HVAR 5.70 330 ePn 06 42.20 -2.0
iSn 07 46.20
SDI 6.04 306 P 06 49.90 0.7
AZI 6.43 307 P 06 56.00 1.4
BEO 6.53 1 ePn 07 08.00 12.1X
i 08 36.00
DST 6.61 76 iP 06 56.30 -1.0
MNS 7.12 307 P 07 02.60 -1.7
IZI 7.39 71 iP 07 07.00 -1.2
ASS 7.52 312 P 07 11.40 1.4
ARV 7.63 315 P 07 10.80 -0.6
VBY 8.13 334 ePn 07 17.20 -1.2
eSn 08 44.80
PTJ 8.26 338 e(Pn) 07 14.10 -6.2X
eSn 08 16.40
CRE 8.27 313 P 07 21.70 1.2
ISR 8.28 32 ePd 07 24.00 3.5X
MLR 8.33 28 eP 07 24.00 2.7X
SFI 8.51 314 P 07 24.10 0.5
PGD 8.55 313 P 07 25.76 1.3
CEY 8.63 331 ePn 07 23.00 -2.4
eSn 08 58.00
CVO 8.69 28 eP 07 28.00 1.7
LJU 8.85 333 ePn 07 26.50 -1.9
eSn 09 03.00
TRI 8.87 329 e(P) 07 24.60 -4.0X
e 09 02.40
VOY 9.08 330 iPn 07 29.00 -2.7
eSn 09 07.50
BDI 9.32 311 P 07 34.90 0.0
BBTK 9.81 77 eP 07 44.00 2.2
FVI 9.99 329 P 07 42.70 -1.3
CTI 10.06 323 P 07 42.60 -2.7
KBA 10.16 332 iPd 07 45.70 -1.0
iS 09 32.30
BOB 10.40 312 P 07 51.00 1.2
MDI 10.86 317 P 07 53.40 -2.6
BHG 10.88 332 iPc 07 57.60 1.3
LPG 12.40 310 eP 08 18.10 0.9
0.7s 5.50nm 4.9mb X
LPL 12.42 310 eP 08 17.90 0.5
0.7s 4.40nm 4.8mb X
BSF 13.71 318 eP 08 33.40 -1.1
0.6s 3.60nm 4.5mb X
CDF 13.85 321 eP 08 34.10 -2.1
0.7s 3.30nm 4.3mb X
HAU 14.06 318 eP 08 37.30 -1.6
Z 19s 0.10um
WLF 15.24 323 P 09 01.00 6.7X
DOU 16.28 322 P 09 12.20 4.5X
NUR 22.41 6 eP 10 15.10 -2.4
EKA 23.24 325 P 10 25.00 -0.7
1.0s 8.70nm 4.3mb
NB2 23.48 349 P 10 26.20 -1.8
1.1s 7.70nm 4.2mb
KAF 24.13 7 iP 10 34.20 -0.1
0.6s 8.30nm 4.5mb
BCAO 33.74 183 ePc 12 02.80 1.3
0.5s 3.00nm 4.5mb
KIC 39.06 222 P 12 44.70 -1.9
LIC 39.33 222 P 12 47.00 -1.8
GKN 53.87 81 P 14 39.20 -4.3X
HYB 54.62 95 eP 14 44.20 -4.8X
GUN 54.87 80 P 14 46.80 -4.4X
YKA 73.23 340 eP 16 46.90 -3.5X
0.8s 0.50nm 3.7mb
S.D. = 1.5 on 74 of 87 obs.

% FEB 01, 1992 09h 18m 17.41± 0.79s
17.963 N ± 9.0km 76.824 W ± 5.8km
DEPTH = 10.0km (geophysicist)
JAMAICA REGION (86)
MD 2.4 (HOJ).

HOJ 0.08 61 iPc 18 20.62 0.7
S 18 23.33
STH 0.12 5 iPd 18 20.78 0.4
S 18 23.51
YHJ 0.32 103 iPd 18 23.34 -0.8
S 18 28.73
PCJ 0.39 236 iPd 18 26.32 0.8
S 18 31.19
BBJ 0.59 315 iPd 18 28.96 -0.5
S 18 37.57
SPJ 0.70 273 ePd 18 30.57 -0.7
S 18 41.62
S.D. = 1.0 on 6 of 6 obs.

FEB 01, 1992 09h 26m 17.53± 0.84s
36.398 N ± 6.7km 70.645 E ± 5.1km
DEPTH = 195.8 ± 9.9 km
4.7mb (20 obs.)
HINDU KUSH REGION, AFGHANISTAN (718)

QUE 6.92 208 iPd 27 59.00 1.3
0.8s 600.75nm 5.9mb X
eS 29 16.70
MAIO 9.00 273 eP 28 24.00 -0.8
eS 30 03.00
NDI 9.48 142 iPc 28 30.00 -1.0
0.7s 41.10nm 4.9mb
eS 30 07.50
GKN 14.49 121 P 29 35.00 0.0
DMN 15.06 121 P 29 42.60 0.5
0.7s 39.00nm 4.9mb
KKN 15.07 121 P 29 41.80 -0.4
PKI 15.30 121 P 29 44.00 -1.1
GUN 15.42 119 P 29 46.60 0.0
POO 18.02 170 iPd 30 16.20 -0.2
HYB 20.16 158 eP 30 39.70 1.3
1.0s 50.00nm 5.0mb
eS 34 14.00
SHL 21.12 115 eP 30 49.00 1.0
0.9s 29.41nm 4.8mb
eS 34 30.00
OBN 29.81 320 eP 32 07.80 0.0
e 32 09.00
CHTO 30.43 118 eP 32 14.40 0.8

01d 09h

```
        0.6s     1.68nm          3.9mb
KAF    37.56 327 iP     33 14.80   0.8
       1.0s    15.50nm          4.6mb
NUR    37.74 324 iP     33 15.90   0.3
       0.7s    16.60nm          4.8mb
UPP    40.98 322 iP     33 42.10  -0.1
HFS    42.97 322 eP     33 58.30  -0.1
       0.4s     3.30nm          4.2mb
YAK    44.23  35 iPc    34 07.70  -0.8
       1.0s    50.00nm          5.0mb
                i       34 52.00
NB2    44.29 323 P      34 08.60  -0.5
       0.8s    12.90nm          4.5mb
DAG    54.77 344 iPc    35 28.40  -0.1
       0.9s    13.45nm          4.7mb
BCAO   57.36 249 iPc    35 47.60   0.0
       0.6s     6.00nm          4.5mb
MBC    67.45   3 eP     36 53.50   0.1
       0.9s    16.00nm          4.8mb
ANM    70.24  22 eP     37 11.40   0.8
IMA    72.31  17 eP     37 23.00  -0.1
       1.0s     8.30nm          4.4mb
INK    74.05   9 eP     37 33.00   0.1
KIC    74.49 266 P      37 35.00  -1.4
FBA    74.65  16 eP     37 36.90   0.5
PWA    76.91  19 eP     37 48.80  -0.3
       0.9s    17.90nm          4.8mb
TOA    77.43  17 eP     37 53.20   1.1
YKA    81.36   2 eP     38 12.10  -0.8
       0.8s     5.20nm          4.3mb
WRA    82.18 122 P      38 17.40  -0.5
       0.7s     4.20nm          4.3mb
WB2    82.19 122 eP     38 16.60  -1.3
       0.5s    10.00nm          4.8mb
ASPA   84.43 125 eP     38 28.70  -0.5
FFC    89.02 356 eP     38 52.00   1.0
       1.5s    32.00nm          5.0mb
PNT    94.18   7 eP     39 11.00  -3.9X
       0.7s     5.00nm          4.8mb
     S.D. = 0.8  on  34 of  35 obs.
-----------------------------------------
   FEB  01, 1992  09h 55m 04.40± 0.54s
   61.318 N ± 4.7km  140.815 W ± 4.4km
   DEPTH =   5.0km  (geophysicist)
 SOUTHERN YUKON TERRITORY, CANADA( 18)
      ML 2.9 (AEIC).

CTGM    0.43 216 iP     55 13.88   0.7
                S       55 22.58
BALM    0.79 250 iP     55 20.05  -0.3
                S       55 32.85
YAH     1.06 206 iP     55 25.18   0.2
                eS      55 40.99
TGL     1.13 241 iP     55 26.24   0.1
CROM    1.26 245 eP     55 28.10  -0.3
                eS      55 47.53
WRG     1.42 206 eP     55 32.85   2.0
                eS      55 56.22
GLB     1.45 276 eP     55 30.72  -0.6
BCPM    1.49 156 eP     55 30.56  -1.3
                eS      55 51.89
PNL     1.80 156 eP     55 35.04  -1.3
                eS      56 01.14
YKU     1.85 163 eP     55 37.83   0.8
HON     2.11 152 eP     55 39.09  -1.6
TMW     2.26 334 eP     55 39.52  -3.4X
KAIM    2.26 233 eP     55 43.33   0.4
SGAM    2.30 251 eP     55 42.86  -0.7
TZL     2.31 290 eP     55 44.25   0.5
KLU     2.46 276 eP     55 46.05   0.1
SDG     2.54 301 eP     55 46.80  -0.2
TOA     2.67 290 eP     55 48.38  -0.5
VLZ     2.68 268 eP     55 48.93   0.1
PAX     2.74 309 eP     55 49.74  -0.2
DOT     2.78 329 eP     55 46.43  -4.0X
FID     2.81 261 eP     55 51.05   0.2
GLI     3.08 265 eP     55 54.94   0.3
MTU     3.62 251 eP     56 03.12   0.8
SML     3.63 281 eP     56 02.27  -0.2
KNK     3.68 275 eP     56 03.62   0.4
GHO     3.91 280 eP     56 05.24  -1.2
PLRM    4.00 278 eP     56 05.36  -2.3X
HDA     4.18 320 eP     56 06.30  -4.0X
RND     4.29 303 eP     56 11.83   0.0
INK     7.67  21 P      56 49.50  -9.9X
        0.2s     2.20nm          5.0mb X
YKA    12.38  73 eP     58 05.80   1.8
        0.4s     0.10nm          3.4mb
     S.D. = 0.9  on  27 of  32 obs.
-----------------------------------------
%  FEB  01, 1992  10h 51m 19.82± 2.14s
   40.369 N ±11.8km   30.296 E ±17.7km
   DEPTH =   5.0km  (geophysicist)
 TURKEY                              (366)

GPA     0.08 173 ePg    51 21.20  -0.6
                eSg     51 24.20
IZI     0.63 267 iPg    51 31.40  -1.0
HRT     0.66 314 iPg    51 31.40  -1.6
YLV     0.73 286 ePn    51 33.90  -0.6
ISK     1.17 307 ePn    51 44.00   1.9
ALT     1.32 186 iPn    51 44.60  -0.2
KCT     1.49 266 iPn    51 48.30   1.0
DST     1.49 240 iPn    51 48.30   1.0
BNT     1.82 270 ePn    51 55.00   3.0X
     S.D. = 1.4  on   8 of   9 obs.
-----------------------------------------
?  FEB  01, 1992  11h 46m 07.27± 5.62s
   67.297 N ±15.0km   30.123 E ±49.5km
   DEPTH =  10.0km  (geophysicist)
 BALTICS-BYELARUS-NW RUSSIA REG. (724)
      MD 3.0 (BER).

ARA0    2.82 325 Pn     46 52.90  -0.3
                Sn      47 25.31
                Lg      47 30.18
KTK1    3.10 307 eP     46 57.79   0.7
                eSg     47 40.38
TRO     4.74 305 eP     47 20.60   0.2
MOR7    6.17 268 eP     47 40.86   0.4
LOF     6.36 285 eP     47 42.30  -0.9
NRA0   10.44 240 P      48 39.89   0.0
     S.D. = 0.7  on   6 of   6 obs.
-----------------------------------------
   FEB  01, 1992  14h 09m 02.53± 1.20s
   38.018 N ±13.5km   20.325 E ± 4.8km
   DEPTH =   8.7 ±  3.9 km
   3.5mb (  1 obs.)
 GREECE                              (364)
      ML 3.6 (ATH). MD 3.5 (THE).

VLS     0.26  53 iPgd   09 06.20  -1.8
KEK     1.74 347 ePb    09 33.50   0.4
AGG     1.87  57 ePb    09 34.12  -0.9
                eSb     09 56.04
VLI     2.45 121 ePg    09 51.50   8.1X
KZN     2.55  26 ePn    09 45.00   0.2
                eSg     10 13.50
LIT     2.68  38 ePn    09 46.84   0.2
                eSn     10 17.08
ATH     2.68  90 ePn    09 46.80   0.2
FNA     2.88  16 ePn    09 48.44  -1.1
LCI     2.96 322 P      09 47.60  -2.9
OHR     3.11   7 iPn    09 49.30  -3.4X
PAIG    3.24  53 ePn    09 55.80   1.3
THE     3.32  37 ePn    09 55.36  -0.3
ROI     3.32 299 P      09 54.80  -1.0
SOI     3.37 272 P      09 55.50  -0.9
TDS     3.52 299 P      10 00.00   1.5
CSI     3.61 300 P      10 00.60   0.8
SOH     3.65  39 ePn    10 00.80   0.3
OUR     3.66  50 iPn    10 00.48  -0.1
KNT     3.72  32 ePn    10 02.60   1.2
VAY     3.73  27 iPn    10 03.00   1.5
ATN     3.84 274 P      10 02.80  -0.3
MMN     3.86 300 P      10 05.00   1.6
SRS     3.99  38 ePn    10 05.00  -0.3
SKO     4.04  12 ePn    09 48.50 -17.4X
MGR     4.27 301 P      10 08.20  -1.1
SGO     4.65 305 P      10 15.60   1.1
HFS    22.54 351 eP     13 58.70  -5.1X
        0.4s     0.70nm          3.5mb
     S.D. = 1.2  on  23 of  27 obs.
-----------------------------------------
?  FEB  01, 1992  14h 23m 56.34± 3.36s
   34.719 S ±31.6km   70.479 W ±11.3km
   DEPTH = 112.6 ± 11.9 km
 CHILE-ARGENTINA BORDER REGION    (127)
      MD 4.3 (SAN).

CACH    0.61 350 iPc    24 15.50   0.8
CHCH    0.80 350 iPc    24 16.50   0.4
LNV     1.08 314 iPc    24 19.00   0.1
PCH     1.10 358 iPc    24 19.40   0.2
SAN     1.27 353 iPc    24 21.00   0.0
                iS      24 37.00
LCCH    1.54 324 iPc    24 23.50  -0.6
                iS      24 42.10
PEL     1.58 354 iPc    24 24.50  -0.2
                iS      24 43.50
ROCH    1.80 346 iPc    24 26.60  -1.0
                iS      24 49.50
IHA     1.95 330 iPd    24 29.40   0.2
                iS      24 50.60
JACH    2.03 357 iPc    24 30.00  -0.5
                iS      24 54.50
MDZ     2.28  37 eP     24 31.30  -2.3
                iS      25 03.40
RTBS    3.17  16 iPd    24 47.00   1.6
                S       25 23.20
ZON     3.51  26 eP     24 37.50 -12.5X
                eS      25 17.50
RTCB    3.52  24 iPc    24 51.00   0.8
                S       25 31.50
CFA     3.63  32 ePd    24 52.00   0.3
                S       25 33.00
RTLL    3.78  27 ePd    24 53.90   0.2
                S       25 35.00
RTRS    4.62  11 iPc    25 05.00  -0.1
                S       25 55.50
ZOBO   18.47   7 P      28 07.00   0.1
     S.D. = 0.9  on  17 of  18 obs.
-----------------------------------------
?  FEB  01, 1992  15h 01m 15.18± 3.09s
   6.161 S ±28.7km  146.930 E ±34.3km
   DEPTH = 121.7 ± 16.7 km
   4.4mb (  3 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

LAT     0.49 172 iPc    01 33.10  -0.4
YYYY    0.96 265 eP     01 38.20   0.8
                eS      01 54.40
MDG     1.46 308 iPc    01 42.40  -0.2
PMG     3.24 176 iPc    01 05.00 -60.3X
                eS      01 44.00
QIS    15.98 206 iPc    04 58.70   4.3X
        0.2s     2.00nm          4.0mb
                eS      07 59.00
MTN    16.93 246 eP     05 05.50  -0.7
WB2    18.36 221 eP     05 22.50  -0.7
        0.3s     8.60nm          4.5mb
                iS      08 50.90
ASPA   21.45 214 iPd    05 56.30   1.2
        0.3s     6.10nm          4.5mb
                eS      09 49.30
     S.D. = 1.3  on   6 of   8 obs.
-----------------------------------------
   FEB  01, 1992  17h 22m 44.91± 0.26s
   15.799 S ± 5.2km   71.719 W ± 9.6km
   DEPTH =  10.0km  (geophysicist)
   5.0mb (  8 obs.)  4.1Msz (  1 obs.)
 SOUTHERN PERU                       (117)
      Felt (II) at Arequipo.

ARE     0.69 162 iPc    22 59.50   0.7
                i(S)    23 08.50
ZOBO    3.48  99 P      23 47.20   6.4X
LPB     3.55 102 P      23 48.30   6.6X
PT10    6.30 305 e(P)   24 48.00  27.8X
ANT     7.96 171 iPc    24 41.50  -1.9
        0.7s    91.78nm          6.1mb X
SLA    10.63 148 eP     25 20.50   0.0
RTRS   14.45 172 ePd    26 16.80   5.3X
RTLL   15.74 170 eP     26 26.50  -1.9
RTCB   15.84 171 iPc    26 31.20   1.5
ZON    15.92 170 eP     26 20.50 -10.2X
CFA    16.05 169 ePc    26 32.80   0.4
MDZ    17.21 172 i(P)   26 47.40   0.4
PSO    17.77 341 eP     26 59.00   4.5X
CACH   18.27 177 eP     27 03.50   3.2X
RFA    19.12 172 iPc    27 03.50  -7.2X
BOG    20.42 353 eP     27 28.00   2.5
                eS      31 32.00
BMG    22.76 357 eP     28 09.00  20.1X
BAO    22.84  93 e(P)   27 50.00   0.4
VAO    24.40 111 (P)    28 07.00   2.3
SDV    24.55   3 eP     28 05.80  -0.5
TOV    25.49   4 eP     28 15.00  -0.2
UPA    25.81 342 iPd    28 28.00  10.0X
PDCR   31.75  88 (P)    29 11.00  -0.7
LNO    56.25 337 eP     32 27.40  -0.3
```

e 32 30.50
TUL 56.25 337 eP 32 27.60 -0.2
0.5s 12.40nm 5.2mb
Z 18s 0.14um 4.1Msz
e 32 30.70
LR 51 36.00
FVM 56.31 342 P 32 26.60 -1.6
1.1s 39.83nm 5.4mb
MEO 56.41 333 iPc 32 27.50 -1.5
ALQ 60.29 327 eP 32 55.60 -0.7
1.0s 6.50nm 4.7mb
TPC 65.14 320 eP 33 33.00 4.6X
SRU 65.56 328 P 33 30.30 -0.9
PEC 65.69 319 P 33 31.60 -0.3
MSU 65.99 326 P 33 34.40 0.4
EMUT 66.24 328 P 33 36.00 0.4
SBB 66.63 320 eP 33 38.00 0.0
DAU 66.91 328 P 33 40.20 0.2
DUG 67.55 327 P 33 44.20 0.3
1.0s 14.12nm 5.1mb
TNP 68.51 323 P 33 50.30 0.3
1.0s 9.69nm 4.9mb
HVU 68.69 328 P 33 50.70 -0.2
BONR 69.06 322 P 33 54.60 1.1
PTI 69.30 329 P 33 54.00 -0.6
KIC 69.85 77 P 33 56.40 -2.0
HPI 70.27 329 P 34 01.50 0.7
LRM 71.53 331 eP 34 08.50 0.2
ORV 72.00 322 P 34 11.90 1.0
NVL 73.08 160 (P)d 34 16.00 -0.8
SES 74.41 335 ePc 34 24.80 0.0
FFC 74.81 342 eP 34 26.00 -1.0
1.3s 17.00nm 4.9mb
DPW 75.74 330 P 34 33.70 1.1
PNT 77.42 330 eP 34 43.00 1.2
YKA 84.96 342 eP 35 19.80 -1.4
0.9s 6.70nm 4.9mb
BCAO 91.43 86 ePc 35 57.90 4.6X
0.5s 3.00nm 4.9mb
INK 94.71 341 eP 36 07.00 -0.1
MBC 96.17 350 eP 36 13.00 -0.7
ASPA 133.46 213 iPKPc 42 04.90 1.0
1.2s 3.40nm
WB2 136.20 217 iPKPd 42 09.80 0.6
0.7s 2.80nm
WRA 136.21 217 PKP 42 10.20 1.0
0.5s 1.00nm
MAT 146.34 314 (PKP) 42 27.00 0.3
1.0s 31.00nm
POO 147.02 80 ePKP 42 33.00 4.7X
NDI 148.62 61 ePKP 42 35.00 4.4X
HYB 151.48 83 ePKP 42 42.30 7.1X
S.D. = 1.0 on 45 of 60 obs.

• FEB 01, 1992 17h 40m 54.86± 0.41s
15.131 S ±10.7km 174.035 W ±14.7km
DEPTH = 33.0km (normal)
4.6mb (7 obs.) 4.6Msz (1 obs.)
TONGA ISLANDS (173)

DZM 19.74 247 iPc 45 29.90 4.9X
KUZ 23.38 201 eP 46 03.20 1.7
URZ 24.33 197 eP 46 09.50 -1.2
RUZ 25.67 199 eP 46 23.60 0.2
MNG 26.99 198 eP 46 33.80 -1.8
THZ 28.84 201 eP 46 52.60 0.2
ARMA 34.96 238 iPd 47 46.60 0.4
0.5s 2.00nm 4.3mb
CMS 40.04 239 eP 48 30.00 1.3
TOO 42.16 230 iPd 48 46.70 0.6
STK 43.65 240 eP 49 03.50 5.3X
0.3s 1.90nm 4.3mb
WB2 49.30 257 eP 49 43.20 0.2
0.2s 12.20nm 5.6mb
WRA 49.31 257 P 49 41.00 -2.1
0.7s 4.00nm 4.6mb
ASPA 49.61 252 iPc 49 45.40 0.0
0.8s 26.20nm 5.3mb
e 50 01.70
FORR 54.96 243 eP 50 24.60 -0.7
WARB 56.18 248 eP 50 34.00 -0.2
SPA 74.97 180 iPc 52 34.00 -0.5
1.0s 15.50nm 5.0mb
INK 88.16 14 eP 53 42.00 -1.1
YKA 90.10 24 eP 53 50.00 -2.4
0.8s 1.00nm 4.1mb
PRU 144.54 350 ePKP 00 28.30 -1.2
VRI 144.74 335 ePKP 00 20.00 -10.0X
GRF 145.27 354 ePKP 00 31.50 0.7
e 00 44.60
e 00 53.40
MLR 145.37 335 iPKPc 00 31.60 0.3
ISR 145.40 334 ePKPc 00 32.00 0.8
KHC 145.52 351 ePKP 00 31.00 -0.3
e 01 44.50
e 01 54.50
WLF 145.56 360 PKP 00 31.00 -0.2
ZST 145.77 347 e(PKP)00 32.00 0.3
e 00 45.20
e 00 54.80
GEC2 145.78 351 ePKP 00 30.60 -1.2
0.5s 1.02nm
SRO 145.84 345 ePKP 00 32.50 0.7
i 00 47.10
FLN 146.05 8 ePKP 00 32.10 0.0
LDF 146.26 7 ePKP 00 32.40 -0.1
GRR 146.36 8 ePKP 00 32.90 0.3
LPF 146.69 9 ePKP 00 34.00 0.9
CDF 146.80 358 ePKP 00 34.80 1.3
HAU 147.22 360 ePKP 00 35.90 1.8
BSF 147.39 359 ePKP 00 36.20 1.7
LOR 147.91 3 ePKP 00 37.70 2.5X
0.5s 3.65nm
SSF 148.10 3 ePKP 00 38.20 2.7X
0.7s 3.85nm
LBF 148.20 3 ePKP 00 38.40 2.7X
0.7s 3.85nm
AVF 148.36 3 ePKP 00 38.70 2.8X
0.5s 2.20nm
SMF 148.53 3 ePKP 00 39.30 3.1X
BGF 148.56 4 ePKP 00 39.40 3.1X
0.6s 3.15nm
LSF 148.75 6 ePKP 00 39.80 3.2X
TCF 148.78 5 ePKP 00 39.60 3.0X
MAF 148.87 5 ePKP 00 40.40 3.6X
LPL 149.70 359 ePKP 00 43.50 5.2X
0.6s 3.15nm
LPG 149.72 359 ePKP 00 43.70 5.2X
0.8s 5.50nm
SBF 151.34 358 ePKP 00 45.90 5.3X
0.8s 7.70nm
FRF 151.66 359 ePKP 00 46.90 5.9X
LRG 151.77 359 ePKP 00 47.40 6.2X
0.7s 5.50nm
Z 21s 0.10um 4.6Msz
S.D. = 1.1 on 32 of 49 obs.

FEB 01, 1992 17h 51m 50.45± 0.82s
6.344 S ± 3.7km 130.046 E ± 8.0km
DEPTH = 117.7 ± 9.3 km
4.8mb (10 obs.)
BANDA SEA (280)

SWI 5.58 13 ePd 53 13.00 0.6
S 00 58.50
MTN 6.55 171 eP 53 26.00 0.3
KNA 9.43 188 eP 54 04.00 -0.8
0.3s 69.00nm 5.9mb X
eS 55 43.00
WB2 14.15 163 iPc 55 03.50 -3.3X
0.3s 98.50nm 5.6mb X
i 55 06.00
iS 57 32.70
QIS 16.90 148 eP 55 40.00 -1.3
0.3s 13.00nm 4.7mb
iS 58 55.00
ASPA 17.62 168 iPd 55 50.10 0.0
0.3s 66.10nm 5.4mb
eS 58 56.30
MBL 17.74 213 eP 55 51.50 0.0
eS 59 00.00
WARB 19.99 189 eP 56 16.80 0.8
0.3s 8.00nm 4.6mb
eS 59 52.00
FORR 24.45 184 eP 56 59.50 -0.1
0.4s 39.00nm 5.2mb
COOL 25.80 198 eP 57 12.00 -0.3
MRWA 26.34 209 eP 57 17.00 -0.2
BAL 27.19 206 eP 57 25.00 0.0
STK 27.60 158 iPc 57 32.00 3.4X
0.3s 3.80nm 4.5mb
KLB 27.62 203 iPd 57 29.00 0.2
0.6s 25.00nm 5.0mb
MUN 28.59 205 eP 57 37.00 -0.6
CMS 29.05 151 eP 57 41.70 0.0
0.3s 2.00nm 4.3mb
RKG 30.56 201 eP 57 56.00 1.0
ARMA 31.38 142 eP 58 03.00 0.6
BFD 32.74 161 e(P) 58 15.00 1.0
CHG 39.56 310 eP 59 13.00 1.2
CHTO 39.56 310 eP 59 12.70 0.9
0.6s 1.82nm 4.0mb
pP 59 48.00 161kmX
MAT 43.34 10 eP 59 42.00 -0.5
0.7s 10.27nm 4.7mb
BJI 47.89 346 eP 00 18.00 -0.5
GUN 54.56 311 P 01 08.60 -0.7
PKI 54.74 310 P 01 10.00 -0.6
KKN 54.95 310 P 01 11.40 -0.5
DMN 54.99 310 P 01 12.00 -0.3
GKN 55.55 310 P 01 16.00 -0.2
YAK 68.16 360 iPc 02 39.30 -0.2
0.9s 41.00nm 5.3mb
S.D. = 0.7 on 27 of 29 obs.

? FEB 01, 1992 18h 38m 00.22± 3.01s
15.670 N ±25.4km 99.794 W ±17.4km
DEPTH = 33.0km (normal)
3.4mb (1 obs.)
OFF COAST OF GUERRERO, MEXICO (65)

ACX 1.19 357 eP 38 20.00 -0.7
iS 38 36.00
III 2.71 7 iP 38 43.00 0.4
iS 39 16.00
OXX 3.26 64 iP 38 50.30 -0.2
iS 39 30.00
PPM 3.56 18 iP 38 54.80 -0.1
IIT 3.62 23 iP 38 56.00 0.4
MRX 4.23 342 (P) 39 10.30 6.4X
(S) 39 55.00
YKA 47.92 351 eP 46 37.30 0.2
0.7s 0.30nm 3.4mb
S.D. = 0.5 on 6 of 7 obs.

• FEB 01, 1992 18h 52m 30.70± 0.86s
17.967 S ±19.4km 178.444 W ±14.4km
DEPTH = 602.9 ± 8.4 km
4.4mb (10 obs.)
FIJI ISLANDS REGION (181)

MBU 2.88 290 eP 53 50.20 0.3
SVA 2.95 267 eP 53 50.00 -0.2
DZM 14.78 251 iPc 55 36.90 0.3
ARMA 29.88 240 iPd 57 52.80 -0.3
0.4s 4.00nm 4.4mb
PMG 34.44 280 eP 58 32.00 0.8
0.9s 62.18nm 5.2mb
CMS 34.97 241 iPd 58 35.10 -0.3
0.7s 9.00nm 4.5mb
TOO 37.11 231 eP 58 53.00 0.0
MDG 37.16 285 eP 58 55.10 1.5
WB2 44.58 260 iPc 59 51.00 -1.5
0.4s 19.70nm 5.0mb
ASPA 44.75 254 iPd 59 52.90 -0.9
0.6s 46.10nm 5.2mb
iS 05 45.70
CMB 77.91 43 e(P) 03 29.00 0.2
BONR 79.23 44 eP 03 35.58 -0.5
SLKM 81.46 14 eP 03 46.10 -0.6
PMR 82.67 14 eP 03 52.00 -0.6
0.5s 4.13nm 4.2mb
RND 84.33 13 eP 04 00.21 -0.8
FBA 85.87 13 eP 04 07.30 -0.9
0.5s 4.13nm 4.4mb
ALQ 86.16 52 eP 04 11.00 0.5
1.0s 3.50nm 4.0mb
ANMO 86.16 52 eP 04 11.70 1.2
0.9s 2.31nm 3.9mb
LRM 87.04 40 eP 04 15.40 0.9
SES 90.08 36 eP 04 28.00 -0.2
INK 91.95 15 eP 04 36.00 -0.3
YKA 94.40 25 eP 04 46.40 -1.2
0.5s 0.80nm 4.2mb
ACTO 108.15 49 PKP 09 55.19 2.6X
TYNO 108.22 50 PKP 09 40.15 -12.6X
KSP 145.16 344 iPKPc 11 03.10 1.4
CLL 145.51 347 iPKPc 11 03.60 1.4
0.9s 19.00nm
PRU 146.39 345 PKP 11 06.50 2.8X
ZST 147.29 341 ePKP 11 08.50 3.3X

01d 19h

```
GRF    147.41 348 iPKPc 11 09.40   4.0X
KHC    147.42 345 PKP   11 09.50   4.0X
GEC2   147.66 345 PKP   11 09.00   3.0X
        0.5s     3.09nm
DOU    147.86 356 PKPc  11 10.00   3.9X
WLF    148.16 354 PKP   11 12.00   5.5X
FLN    149.24   3 ePKP  11 12.90   4.7X
        0.7s     6.60nm
CDF    149.28 353 ePKP  11 13.70   5.3X
        0.7s     4.40nm
LDF    149.42   2 ePKP  11 13.40   4.9X
GRR    149.59   3 ePKP  11 14.00   5.2X
        0.7s     7.70nm
HAU    149.79 354 ePKP  11 14.70   5.6X
BSF    149.91 353 ePKP  11 14.90   5.5X
        0.6s     3.60nm
LPF    149.94   3 ePKP  11 14.90   5.6X
        0.7s    11.00nm
LOR    150.72 357 ePKP  11 16.90   6.4X
        0.7s     6.60nm
SSF    150.94 357 ePKP  11 17.50   6.7X
        0.7s     5.50nm
LBF    150.99 357 ePKP  11 17.40   6.4X
        0.7s     3.85nm
MFF    151.41   2 ePKP  11 18.20   6.7X
        0.7s     6.60nm
BGF    151.47 358 ePKP  11 18.50   6.9X
        0.7s     4.40nm
TCF    151.75 359 ePKP  11 19.10   7.0X
LSF    151.80   0 ePKP  11 18.90   6.8X
        0.7s     3.85nm
MAF    151.81 359 ePKP  11 19.50   7.4X
        0.7s     2.20nm
LPL    152.19 352 ePKP  11 21.00   8.0X
LPG    152.21 352 ePKP  11 21.10   8.0X
RJF    152.74   0 ePKP  11 21.30   7.8X
CAF    153.12 359 ePKP  11 22.30   8.2X
LPO    153.36   1 ePKP  11 22.60   8.3X
     S.D. = 0.9  on  24 of  53 obs.
-----------------------------------------
   FEB  01, 1992  19h 04m 04.53± 0.10s
   35.106 N ± 2.4km  139.644 E ± 1.9km
   DEPTH = 100.0km  ( 23 depth phases)
   5.6mb (128 obs.)
 NEAR S. COAST OF HONSHU, JAPAN  (230)
      mb 5.7 (BRK). Mo=1.3*10**18 Nm
      (PPT). 37 people injured and
      damage (V JMA) in the Tokyo
      area. Felt (IV JMA) at Chiba,
      Kanagawa and Oshima; (III JMA)
      at Kofu, Mita, Utsunomiya and
      Yokohama; (II JMA) at Maebashi.
      Felt as far north as Fukushima.
      CENTROID, MOMENT TENSOR    (HRV)
      Data Used: GDSN
      L.P.B.: 26S, 56C
      Centroid Location:
      Origin Time        19:04: 7.0 0.2
      Lat 35.20N 0.02 Lon 139.70E 0.02
      Dep 105.7 1.6 Half-duration  0.0
      Moment Tensor;   Scale 10**17 Nm
        Mrr= 0.99 0.08  Mtt= 0.20 0.16
        Mff=-1.19 0.13  Mrt=-0.83 0.09
        Mrf=-5.30 0.10  Mtf=-0.50 0.14
       Principal Axes:
        T  Val=  5.33  Plg=51  Azm= 96
        N        0.32       3      189
        P       -5.65      39      281
      Best Double Couple:Mo=5.5*10**17
       NP1:Strike= 33 Dip= 7 Slip= 114
       NP2:        189      84       87

CHJJ    1.08 331 iP+   04 26.20   0.1
KAKJ    1.18  21 P     04 25.50  -1.7
                S     04 40.30
IIDJ    1.47 285 iP+   04 33.30   2.5
MAT     1.85 321 iPc   04 36.40   0.8
                iS    04 59.20
MTMJ    2.10 315 P     04 40.20   1.2
                S     05 06.20
NIIJ    2.19 346 iP+   04 39.60  -0.5
                S     05 06.00
TSRJ    3.02 279 iPd   04 53.40   2.0
                S     05 33.40
WKYJ    3.45 256 iPd   04 59.90   2.6
                S     05 41.50
OFUJ    4.28  22 iPd   05 05.30  -3.3X
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                S     05 50.50
TKSJ    4.75 258 iPd   05 18.00   2.9
                eS    06 12.30
YONJ    5.06 273 P     05 21.50   2.0
                eS    06 20.80
AOMJ    5.48   6 P     05 23.40  -1.7
SHNJ    7.11 265 iP    05 50.70   3.2X
MRRJ    7.39   8 eP    05 46.90  -4.5X
                eS    07 08.00
KUMJ    7.77 253 iPd   05 59.80   3.2X
HOOJ    7.80  20 eP    05 51.30  -5.7X
                eS    07 11.90
SAP     8.05   9 P     05 58.00  -2.4X
MDJ    12.23 324 Pd    06 55.50  -0.9
     Z  24s     6.55um
     N  12s     2.64um
     E  11s     4.21um
                S     09 10.00
                SS    09 27.00
                ScS   19 30.50
CN2    13.97 313 eP    07 19.40   0.2
       2.0s  1070.00nm          5.7mb
     Z  26s    13.70um
     N  12s     4.82um
     E  12s     1.26um
                pP    07 30.00
                S     09 56.00
SNY    14.25 303 Pd    07 22.90   0.1
       1.3s   760.00nm          5.8mb
     Z  14s     7.67um
     N  11s     3.80um
     E  11s     2.88um
                pP    07 38.00
                S     10 04.00
DL2    14.88 290 iPd   07 32.70   1.8
       1.2s   740.00nm          5.8mb
     Z  33s    10.70um
     N  10s     2.54um
     E  10s     4.14um
                pP    07 46.00
                sP    08 00.00
                ScP   16 00.00
                ScS   19 35.00
SSE    15.97 261 iPd   07 46.00   1.4
       2.2s  1710.00nm          5.9mb
     Z  13s     8.00um
                S     10 43.00
                sS    11 00.00
                iScP  16 02.00
NJ2    17.59 266 Pc    08 04.50  -0.1
       0.8s   140.00nm          5.2mb
TIA    18.33 280 P     08 11.80  -1.8
     Z  14s     5.80um
     N  12s     3.50um
     E  12s     5.00um
                ScS   19 46.00
ANP    18.51 243 eP    08 14.00  -1.8
TATO   18.65 242 eP    08 17.90   0.6
       1.0s   168.00nm          5.3mb
BJI    19.22 292 eP    08 19.50  -3.7X
       2.0s   850.00nm          5.7mb
     Z  14s     3.23um
     N  11s     1.73um
                eS    11 49.00
                SS    12 19.50
                eScS  19 48.00
QZH    20.81 247 Pd    08 38.00  -1.7
     Z  36s     7.05um          4.8MszX
     N  10s     1.28um
     E  10s     1.01um
                pP    09 00.00 111kmX
WHN    21.72 265 Pc    08 48.00  -0.7
       0.5s   320.00nm          5.9mb
     Z  14s     4.12um          5.0MszX
     N  10s     1.97um
     E  10s     2.50um
                S     12 40.00
GUMO   21.94 166 eP    08 50.00  -1.0
       1.2s   686.60nm          5.9mb
                i     08 58.90  32kmX
                e     09 15.10
                eS    12 43.80
                e     12 54.00
PJG    21.94 166 eP    08 50.30  -0.7
GUA    21.99 166 eP    08 51.00  -0.5
       1.1s   313.92nm          5.6mb
TIY    22.03 285 Pd    08 49.00  -2.8
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     Z  14s     7.94um          5.3MszX
     E  13s     3.65um
                S     12 44.50
HHC    22.81 293 Pd    08 56.00  -3.5X
     Z  14s     4.85um          5.1MszX
     N  11s     1.09um
     E  13s     2.91um
                pP    09 20.00 115kmX
                PP    09 27.00
                S     12 58.00
                ScS   19 58.00
BTO    23.96 292 P     09 07.50  -3.1X
     N  12s     1.62um
     E  12s     2.57um
                S     13 17.00
XAN    25.27 276 Pd    09 21.50  -1.5
     N  11s     2.14um
     E  13s     3.68um
                S     13 37.00
HKC    25.64 247 eP    09 26.80   0.4
                eS    13 56.00
GZH    25.83 249 iPd   09 27.60  -0.5
       0.8s   130.00nm          5.5mb
     Z  30s     4.21um          4.8MszX
     N  12s     1.31um
     E  10s     1.01um
                pP    09 48.00  92km
YAK    27.66 350 iPd-  09 42.70  -1.7
       1.5s   762.00nm          6.1mb
     Z  16s     4.00um          5.1MszX
     N  16s     3.70um
     E  18s     2.20um
                ipP   10 05.00 101km
                iPP   10 27.00
                iPPP  10 45.00
                iPcP  13 15.00
                eS    14 00.00
                isS   14 37.00
                iSS   15 06.00
                iSSS  15 34.00
                iScS  20 18.00
LZH    29.03 282 iPd   09 55.00  -2.3
       2.5s   390.00nm          5.6mb
     Z  44s     6.89um          4.9MszX
                pP    10 18.00 103km
                sP    10 27.50
                PP    10 48.50
                PcP   13 04.50
                S     14 36.00
                sS    15 16.00
                SS    16 14.00
                ScP   16 36.00
                PcS   16 46.50
                ScS   20 29.00
GYA    29.51 262 Pd    09 59.00  -2.6
     Z  16s     4.23um          5.2MszX
     N  10s     1.47um
     E  10s     1.49um
                pP    10 22.00 103km
                S     14 45.00
                ScP   16 38.00
                PcS   16 47.00
                ScS   20 31.60
SMY    30.05  43 eP    10 06.70   0.8
CD2    30.28 272 Pd    10 06.00  -2.2
       0.8s   150.00nm          5.8mb
     Z  15s    12.30um          5.7MszX
     E  12s     4.79um
                ePP   11 06.00
                S     14 56.00
IRK    30.38 315 eP    10 09.00   0.1
       1.5s    47.00nm          5.0mb
     Z  16s     4.36um          5.2MszX
                e     10 46.20 180kmX
                ePP   11 11.00
                e     12 02.00
                e     13 06.50
                eS    15 05.00
                e     15 20.00
                eSS   16 10.00
                LR    19 31.00
QIZ    30.84 247 Pc    10 12.80  -0.4
       1.0s    52.00nm          5.2mb
     N  15s     1.20um
     E  13s     1.53um
                PP    11 18.50
                eS    15 14.00
```

GTA 31.81 290 iPd 10 20.00 -1.7
0.8s 110.00nm 5.6mb
Z 38s 9.79um 5.2MszX
N 10s 1.39um
pP 10 42.00 97km
PP 11 32.00
PcP 13 11.00
ScP 16 45.50
ScS 20 41.60
KMI 33.27 263 Pd 10 32.50 -2.2
1.9s 520.00nm 6.0mb
Z 20s 2.50um 4.9Msz
pP 10 53.00 88kmX
PP 11 48.00
eS 15 42.00
ADK 35.23 48 iPc 10 50.60 -0.2
0.8s 234.20nm 6.2mb
LOE 38.02 252 iPd 11 13.50 -1.1
CHG 39.44 256 iPd 11 26.00 -0.5
0.8s 37.31nm 5.3mb
BDT 40.25 254 iPd 11 33.20 0.1
0.7s 176.20nm 6.0mb
NST 40.27 251 eP 11 38.00 4.8X
WMQ 40.46 299 iPd 11 35.20 0.5
1.0s 410.00nm 6.2mb
Z 24s 2.49um 5.0MszX
N 13s 2.04um
pP 11 56.40 89kmX
sP 12 09.50
PP 13 08.50
PcP 13 35.00
ScP 17 16.50
S 17 38.50
ScS 21 28.00
RAB 40.82 161 e(P) 11 37.00 -0.8
LSA 40.98 276 iPd 11 40.10 0.6
N 10s 0.88um
pP 12 02.50 95km
SHL 41.97 270 iP 11 46.20 -1.2
0.7s 77.05nm 5.6mb
eS 17 56.00
KHT 41.99 252 iPd 11 47.70 0.3
ANM 43.98 31 eP 12 04.30 1.3
PMG 44.84 169 eP 12 10.00 -0.3
SDN 45.16 44 eP 12 11.30 -1.2
SNG 45.33 241 eP 12 14.60 0.3
0.8s 231.34nm 6.1mb
eS 17 38.00
GUN 45.93 277 Pd 12 19.60 0.2
PKI 46.45 276 Pd 12 23.00 -0.5
KKN 46.47 277 Pd 12 23.20 -0.3
DMN 46.68 277 Pd 12 24.80 -0.5
IPM 46.84 239 ePd 12 25.50 -0.8
0.6s 129.10nm 5.9mb
GKN 46.91 277 Pd 12 27.00 0.1
KGM 47.14 234 ePd 12 28.20 -0.4
TTA 47.82 34 iPc 12 34.00 0.5
SVW 47.90 36 iPc 12 35.20 1.1
HNR 48.28 153 eP 12 38.00 0.6
MTN 48.37 191 eP 12 36.00 -2.0
0.4s 79.00nm 5.9mb
MCNL 48.52 39 ePc 12 38.25 -0.6
PDB 48.59 38 ePc 12 39.59 0.3
BRW 48.74 23 eP 12 41.20 0.9
AUP 48.99 39 eP 12 42.34 -0.2
AUE 49.01 39 eP 12 42.57 0.0
IMA 49.07 30 iPc 12 43.40 0.3
1.2s 93.00nm 5.6mb
e 13 10.70 116kmX
i 14 06.50
e 14 06.60
e 14 33.30
i 14 33.40
INW 49.12 38 ePc 12 43.00 -0.6
INE 49.15 38 ePc 12 43.25 -0.6
NCT 49.21 37 ePc 12 44.06 -0.2
RDW 49.27 37 iPc 12 44.74 -0.1
RED 49.29 37 iPc 12 44.47 -0.4
RS1 49.30 37 ePc 12 44.75 -0.3
RS2 49.30 37 iPc 12 44.79 -0.3
RSO 49.30 37 iPc 12 44.84 -0.2
REF 49.33 37 iPc 12 45.02 -0.2
DFR 49.33 37 ePc 12 45.13 0.0
BGL 49.47 36 iPc 12 46.66 0.4
RDT 49.47 37 iPc 12 45.75 -0.5
BKG 49.53 36 iPc 12 46.94 0.3
KDC 49.54 41 iPc 12 46.40 -0.2
NCG 49.58 36 iPc 12 47.64 0.6
CRP 49.58 36 ePc 12 47.64 0.5
SPU 49.63 36 iPc 12 47.48 0.1
PSI 49.65 239 ePc 13 00.00 12.0X
CGLM 49.65 36 ePc 12 47.81 0.2
CGLM 49.65 36 iPc 12 47.85 0.2
XLV 49.85 38 ePd 12 48.81 -0.2
SKT 49.87 35 eP 12 48.69 -0.5
SKT 49.87 35 iPc 12 48.70 -0.5
KSH 49.91 295 P 12 51.60 1.7
0.5s 240.00nm 6.5mb
Z 18s 2.20um 5.2Msz
E 12s 1.90um
PP 14 46.00
S 19 56.00
NNL 50.04 38 ePc 12 50.08 -0.4
CNPM 50.10 38 ePc 12 49.43 -1.5
KTH 50.14 33 iPc 12 51.43 0.1
MLY 50.24 31 iPc 12 52.44 0.5
SUA 50.26 36 iPc 12 51.34 -0.9
BRLK 50.26 38 ePd 12 50.93 -1.2
TRF 50.43 33 iPc 12 53.16 -0.4
CUT 50.46 35 iPc 12 52.83 -0.7
SLKM 50.55 37 iPc 12 53.29 -1.1
PWA 50.67 36 eP 12 54.99 -0.1
PMS 50.84 36 iPc 12 55.80 -0.7
NEA 50.95 32 iPc 12 57.41 0.1
SEW 50.96 38 iPc 12 56.53 -0.9
PLRM 51.02 36 ePc 12 56.87 -1.0
PMR 51.02 36 iPc 12 57.10 -0.8
1.3s 362.30nm 6.2mb
MCK 51.03 33 iPc 12 57.41 -0.5
RND 51.07 33 iPc 12 57.55 -0.8
GHO 51.11 35 iPc 12 58.12 -0.6
MDM 51.31 31 iPc 13 00.14 0.1
KNK 51.36 36 iPc 12 59.84 -0.6
SML 51.39 35 iPc 13 00.20 -0.6
FBA 51.49 31 iPc 13 01.80 0.4
CCB 51.50 32 iPc 13 00.51 -0.9
KNA 51.62 193 eP 13 01.40 -1.4
GLM 51.66 31 ePc 13 02.36 -0.4
MTU 51.87 38 eP 13 04.25 -0.1
HDA 51.87 32 iPc 13 03.14 -1.2
GLI 52.06 36 iPc 13 04.98 -0.8
VZW 52.30 36 ePc 13 07.31 -0.3
FID 52.37 37 iPc 13 07.41 -0.7
TOA 52.39 35 iPc 13 08.90 0.6
e 14 05.40 259kmX
VLZ 52.40 36 iPc 13 07.85 -0.4
PRP 52.42 30 ePc 13 07.22 -1.4
DJE 52.45 32 ePd 13 07.32 -1.3
FYU 52.49 29 iPc 13 09.44 0.6
KLU 52.57 36 iPc 13 09.36 -0.2
MID 52.59 38 eP 13 09.90 0.2
PAX 52.63 34 iPc 13 09.38 -0.7
SDG 52.64 34 iPc 13 10.00 -0.1
NDI 52.64 282 iPd 13 09.60 -0.9
0.7s 205.48nm 6.3mb
eS 20 30.00
TZL 52.74 35 ePc 13 11.19 0.4
SGAM 53.02 37 iPc 13 12.95 0.1
DOT 53.20 33 ePc 13 13.20 -0.9
KAIM 53.49 37 ePc 13 16.66 0.4
GLB 53.58 36 iPc 13 16.77 -0.2
TMW 53.71 33 ePc 13 18.06 0.2
CRQM 54.00 36 iPc 13 20.13 -0.1
TGL 54.15 36 iPc 13 20.92 -0.4
BALM 54.34 36 iPc 13 22.21 -0.5
WRG 54.66 37 ePc 13 25.21 0.3
YAH 54.74 37 iPc 13 25.51 -0.3
YAH 54.74 37 iPc 13 25.85 0.1
CTGM 54.84 36 iPc 13 26.02 -0.3
WB2 54.98 186 iPc 13 26.40 -1.1
0.8s 139.80nm 6.0mb
QIS 55.36 180 iPc 13 29.20 -1.0
0.3s 18.00nm 5.6mb
eS 21 05.00
PCA 55.52 37 iPc 13 30.74 -0.5
PCA 55.52 37 iPc 13 30.75 -0.4
OPA 55.65 86 P 13 31.20 -1.3
BCPM 55.86 37 iPc 13 33.39 -0.1
DHH 56.02 87 P 13 32.40 -2.8
PNL 56.04 37 iPc 13 34.63 -0.2
HQN 56.34 37 iPc 13 37.03 0.0
HYB 56.72 269 iPd 13 39.20 -1.1
1.0s 210.00nm 6.1mb
e 14 02.00 92km
eS 21 24.00
INK 56.75 26 iPc 13 38.80 -1.0
0.6s 43.00nm 5.7mb
pP 14 04.00 103km
ASPA 58.70 186 iPd 13 52.60 -1.3
0.5s 56.70nm 5.9mb
e 14 18.40 105km
eS 21 49.30
e 22 13.00
MBC 58.77 16 ePc 13 53.20 -0.6
1.0s 54.00nm 5.6mb
pP 14 18.00 100km
SIT 58.78 40 eP 13 55.10 1.0
1.3s 155.40nm 6.0mb
MBL 59.03 202 eP 13 55.00 -1.1
POO 60.01 272 iP 14 00.50 -2.6
0.9s 146.22nm 6.1mb
QUE 60.16 288 iPd- 14 04.00 -0.1
1.0s 1815.00nm 7.1mb X
ePP 14 24.00
eS 22 11.30
QLP 61.51 175 eP 14 12.00 -0.9
WARB 62.19 193 iPc 14 18.00 0.5
0.3s 45.00nm 6.0mb
DZM 62.29 152 iPc 14 18.40 0.1
KBS 62.31 350 iPc 14 18.50 0.7
MAIO 63.21 297 iPd- 14 24.10 -0.3
eS 22 53.60
KEV 64.73 339 iP 14 32.50 -1.2
1.3s 135.70nm 5.7mb
ARMA 66.15 169 iPd 14 43.50 0.2
0.4s 6.00nm 4.9mb
e 15 09.00 101km
YKA 66.19 29 P 14 42.30 -0.8
0.8s 37.00nm 5.4mb
YKA 66.19 29 eP 14 42.20 -0.9
0.8s 35.00nm 5.3mb
CMS 66.49 174 iPc 14 45.20 -0.1
0.8s 15.00nm 5.0mb
FORR 66.50 191 iPc 14 45.00 -0.3
0.4s 87.00nm 6.0mb
STK 66.66 178 iPc 14 49.60 3.3X
0.5s 11.00nm 5.0mb
e 15 15.00 100km
TRO 67.07 341 eP 14 47.80 -0.8
DAG 67.57 355 iPc 14 51.20 -0.4
0.9s 51.26nm 5.5mb
MRWA 67.76 202 iPd 14 53.10 -0.2
COOL 67.91 197 iPd 14 53.60 -0.7
0.9s 105.00nm 5.8mb
PGC 68.71 45 eP 14 59.50 0.4
OBN 68.77 323 iPd 14 59.00 -0.3
1.8s 1.10nm 3.4mb X
Z 21s 2.80um 5.5Msz
N 20s 1.70um
E 18s 1.80um
ePcP 15 12.00 93km
e 15 23.00
i 16 03.80
i 16 12.00
iPP 17 30.00
e 17 31.00
eS 23 52.00
eScS 24 44.00
eSS 28 04.00
eSSS 31 48.00
BAL 68.84 201 iPd 14 59.70 -0.3
0.7s 77.00nm 5.7mb
MCW 69.05 45 P 15 01.50 0.2
TEH 69.32 300 eP 15 04.00 0.7
KLB 69.46 200 iPc 15 03.20 -0.6
0.7s 30.00nm 5.2mb
GMW 69.64 46 P 15 05.10 0.2
ADE 69.72 181 eP 15 05.00 -0.3
BMW 69.91 47 P 15 06.70 0.1
RMW 70.26 45 P 15 09.00 0.3
MUN 70.27 201 eP 15 08.00 -0.7
PNT 70.55 43 ePc 15 10.00 -0.4
1.0s 94.00nm 5.6mb
LON 70.62 46 P 15 10.30 -0.6
SHW 70.65 47 P 15 12.20 1.0
NUR 70.97 332 iP 15 11.90 -0.7
0.3s 36.10nm 5.7mb
SHI 71.48 294 iP 15 16.00 -0.5
VGB 71.87 47 P 15 18.40 0.0
BFD 71.97 178 iPc 15 21.60 2.9
i 15 50.00 112kmX

01d 19h

DPW	72.12	44	P	15 19.70	-0.1
FHC	72.33	52	iPc	15 22.36	1.2
FOX	72.47	53	iPc	15 22.74	0.8
RKG	72.47	199	eP	15 22.00	0.2
NEW	72.51	43	P	15 22.00	-0.1
	1.2s	196.97nm			5.8mb
KER	73.05	300	iPd	15 25.50	-0.1
WDC	73.38	52	iPc	15 27.61	0.4
LBFM	73.39	51	P	15 28.00	0.4
UPP	74.05	334	iP	15 29.00	-1.7
	1.3s	300.00nm			6.0mb
MIN	74.11	52	iPc	15 31.50	-0.2
SES	74.56	39	ePc	15 33.70	-0.2
	1.3s	159.00nm			5.7mb
			pP	16 01.00	106km
ORV	74.60	52	iPc	15 34.26	-0.1
MSL	74.74	304	iPc	15 35.00	-0.2
			e	15 57.50	85kmX
			ePP	18 08.50	
			eS	25 02.00	
			esP	25 33.50	
			ePS	35 38.00	
			esPP	35 46.50	
			ePPS	35 52.50	
ZSP	74.98	54	ePc	15 37.01	0.5
PCC	75.13	55	iPc	15 37.50	0.1
HFS	75.24	335	eP	15 36.90	-0.7
	0.5s	23.30nm			5.3mb
N82	75.40	337	P	15 38.20	-0.4
	1.0s	83.60nm			5.5mb
BHD	75.54	301	iPc	15 39.50	-0.3
			ePP	18 32.00	
			eS	25 10.00	
			eScS	25 38.00	
GCC	75.65	55	iPc	15 40.69	0.4
MHC	75.71	54	iPc	15 41.30	0.4
	1.2s	119.00nm			5.6mb
ARN	75.78	54	P	15 41.50	0.3
FFC	76.10	32	iPc	15 41.90	-0.6
	1.0s	50.00nm			5.3mb
SAO	76.16	55	eP	15 43.47	0.2
CMB	76.16	53	iPc	15 43.94	0.6
			epP	16 11.70	108km
PRS	76.45	55	iPc	15 45.57	0.7
LRM	76.53	43	iPc	15 45.80	0.3
LLA	76.58	55	iPc	15 46.35	0.7
KVT	76.76	311	eP	15 47.70	1.2
PRI	77.03	55	iPc	15 49.14	0.9
			ePcP	15 56.30	
KVN	77.07	51	P	15 49.30	0.8
FRI	77.19	54	iPc	15 49.35	0.4
PHAM	77.38	55	P	15 50.80	0.8
HPI	77.42	45	P	15 50.80	0.3
PKEM	77.45	55	P	15 51.80	1.4
BONR	77.57	52	P	15 52.10	0.7
BCH	77.96	56	P	15 54.10	0.8
KAS	77.99	312	iPd	15 54.60	1.3
TNP	78.20	52	P	15 55.30	0.6
	0.9s	105.79nm			5.7mb
PTI	78.35	46	P	15 56.60	1.2
BSD	78.46	331	iP	15 55.70	0.2
	0.8s	77.00nm			5.6mb
			i	16 19.70	91km
ABL	78.73	55	P	15 58.20	0.5
HVU	78.77	47	P	15 58.60	0.9
COP	78.99	333	iPc	15 58.80	0.4
	1.1s	91.14nm			5.5mb
VRI	79.25	319	ePd	16 01.00	0.9
BBTK	79.51	311	ePd	16 00.00	-1.7
MUD	79.59	335	iPd	16 02.00	0.4
	1.3s	48.00nm			5.2mb
DUG	79.70	48	P	16 03.50	0.7
	0.8s	33.01nm			5.2mb
SBB	79.76	55	eP	16 04.00	0.9
ISR	79.82	319	ePd	16 05.00	1.8
MWC	79.88	55	eP	16 04.00	0.1
WLZ	79.87	152	eP	16 04.50	1.2
MLR	79.92	319	iPd	16 04.50	0.7
BW06	80.04	44	P	16 04.50	-0.1
	1.5s	59.12nm			5.2mb
SSK	80.13	55	P	16 05.40	0.2
MOZ	80.16	153	eP	16 06.30	1.5
MDB	80.32	320	iPc	16 12.00	6.3X
SPC	80.33	325	eP	16 07.80	1.8
			iPP	19 12.20	
			e(S)	26 36.80	
RVR	80.47	55	eP	16 06.00	-0.8

DAU	80.51	47	P	16 08.10	0.8
CMP	80.55	319	ePd	16 08.00	1.0
PEC	80.67	55	P	16 07.40	-0.5
	0.8s	24.58nm			5.1mb
HBZ	80.75	150	eP	16 08.40	0.5
HRT	80.78	314	iP	16 08.00	-0.3
KSP	80.97	328	iPd	16 09.70	0.6
	1.2s	106.00nm			5.5mb
			e	16 32.50	86kmX
			e	19 03.00	
			iPP	19 15.70	
YLV	81.11	314	iP	16 10.50	0.4
MSU	81.12	49	P	16 11.60	1.2
BRN	81.13	330	eP	16 11.00	1.2
			e	19 13.50	
EMUT	81.15	47	P	16 11.00	0.5
PLM	81.19	55	eP	16 11.00	0.2
IZI	81.20	313	iP	16 11.00	0.4
TPC	81.29	54	eP	16 11.00	-0.1
PSZ	81.38	324	iPc	16 12.10	0.8
ALT	81.62	312	iP	16 13.60	0.8
SRU	81.76	48	P	16 14.30	0.6
CLL	82.04	329	iPd	16 14.70	0.1
	1.6s	170.00nm			5.6mb
			i	16 38.00	87kmX
			eS	26 18.00	
BUD	82.10	324	eP	16 15.30	0.3
CSS	82.10	307	eP	16 16.00	0.7
CSS	82.10	307	eP	16 16.20	0.9
BZS	82.10	321	ePc	16 16.50	1.5
MDSJ	82.14	303	P-	16 16.70	1.1
CSTJ	82.15	302	P-	16 16.55	0.9
DST	82.16	313	eP	16 16.00	0.4
SRO	82.21	324	iP	16 17.10	1.6
	1.6s	319.30nm			5.9mb
			iPP	19 24.80	
RSSD	82.22	41	P	16 15.30	-0.7
	1.5s	89.29nm			5.4mb
			pP	16 42.00	102km
MNG	82.26	153	eP	16 15.40	-0.3
SALJ	82.30	304	P-	16 17.47	1.0
BCK	82.32	311	eP	16 15.70	-0.7
PRU	82.36	328	Pd	16 16.70	0.4
	1.6s	97.20nm			5.4mb
Z	17s	1.30um			5.4MszX
N	18s	1.00um			
E	18s	1.10um			
			pP	16 38.50	81kmX
			PP	19 27.70	
			S	26 24.00	
KHL	82.43	312	iP	16 16.50	-0.5
QTRJ	82.50	303	P-	16 18.54	1.0
ZST	82.51	325	iPd	16 18.10	1.0
			e(PP)	19 25.20	
PGZ	82.55	153	eP	16 16.50	-0.7
PPCY	82.79	308	eP	16 19.00	0.2
VKA	82.82	326	iPd	16 19.80	1.1
	2.3s	395.00nm			5.9mb
			e	19 26.00	
			i	19 31.90	
UZD	82.94	323	iP	16 18.90	-0.5
MOX	83.11	330	iPd	16 20.50	0.3
	1.8s	145.00nm			5.6mb
Z	16s	0.60um			5.1MszX
N	18s	0.80um			
ELL	83.19	310	iP	16 21.00	0.0
BEO	83.25	321	iPc	16 21.20	0.3
HOF	83.26	329	iPd	16 21.40	0.4
	1.5s	96.00nm			5.5mb
EDU	83.36	340	eP	16 21.80	0.5
	1.0s	39.00nm			5.3mb
KHC	83.42	328	Pd	16 22.50	0.7
	1.2s	55.00nm			5.4mb
Z	16s	2.00um			5.6MszX
N	16s	0.50um			
E	16s	2.00um			
			pP	16 44.50	82kmX
			e	17 05.00	
			PP	19 36.00	
			S	26 34.00	
GEC2	83.58	327	e(P)	16 30.10	7.4X
	0.7s	6.60nm			4.7mb
GEC2	83.58	327	Pd	16 20.40	-2.3
	1.0s	14.77nm			4.9mb
ELO	83.62	341	eP	16 22.70	0.0
WET	83.71	328	iPd	16 24.00	0.7
	1.5s	150.00nm			5.7mb

IZM	83.75	313	iP	16 24.20	0.5
YER	83.95	312	iP	16 21.20	-3.5X
WTS	83.96	333	eP	16 25.00	0.6
	0.8s	8.00nm			4.7mb
			e	16 52.00	103km
KMR	83.97	327	iP-	16 25.60	1.0
			ipP	16 52.00	100km
			iPP	19 41.70	
GRF	84.01	329	iPd	16 25.80	1.1
	1.4s	270.00nm			6.0mb
Z	20s	0.90um			5.1Msz
			e(pP)	16 50.90	95km
			e	16 57.20	
			e	17 03.90	
			e	17 11.80	
EAB	84.04	341	eP	16 25.50	0.8
	1.0s	25.00nm			5.1mb
EBL	84.04	340	eP	16 25.60	0.8
	1.3s	18.00nm			4.8mb
EAU	84.09	340	eP	16 23.10	-2.0
	0.7s	20.00nm			5.2mb
EKA	84.45	340	P	16 27.00	0.1
	1.6s	61.40nm			5.3mb
GLD	84.48	45	P	16 29.00	1.4
	1.5s	125.00nm			5.6mb
VAY	84.52	318	iP	16 28.00	0.6
	1.4s	350.00nm			6.1mb
BNS	84.64	332	iPd	16 28.00	0.2
	1.4s	114.00nm			5.6mb
SKO	84.69	319	iPd	16 29.40	1.1
	1.5s	468.00nm			6.2mb
Z	17s	1.16um			5.3MszX
E	17s	1.46um			
			e	16 50.20	76kmX
			i	16 53.00	
			i	17 04.60	
			i	17 16.40	
			i	17 27.60	
			i	18 38.00	
			iS	26 49.00	
			i	28 03.00	
			iPS	28 18.00	
			LR	57 22.00	
PTJ	84.71	324	iP	16 28.60	0.2
PMO	84.75	112	iP	16 31.40	2.6
	0.8s	75.00nm			5.7mb
ZAG	84.76	324	eP	16 28.70	0.2
BHG	84.78	327	iPd	16 29.50	0.8
	1.7s	361.00nm			6.0mb
PLE	84.83	321	iPd	16 30.34	1.2
IVA	84.89	320	iPd	16 30.54	1.1
TPT	84.95	112	iP	16 31.80	2.0
	0.8s	45.00nm			5.5mb
PVY	85.05	320	iPd	16 30.70	0.5
KBA	85.06	326	iPd	16 30.40	0.1
	0.9s	50.20nm			5.5mb
			ipP	17 00.60	117kmX
			i	19 41.80	
			iPP	19 49.10	
VAH	85.10	112	iP	16 32.60	2.1
	0.8s	30.00nm			5.3mb
FUR	85.15	328	iPd	16 31.10	0.6
			i	16 56.10	94km
RUV	85.25	112	iP	16 33.20	1.9
	0.8s	55.00nm			5.6mb
ENN	85.27	333	ePd	16 31.00	0.0
	1.3s	137.00nm			5.8mb
LJU	85.28	325	ePd	16 30.50	-0.7
			e	16 53.00	83kmX
			e	19 49.00	
			eS	26 38.00	
VBY	85.33	324	iPd	16 32.00	0.6
MEM	85.37	332	iPc	16 31.06	-0.4
			ic	16 59.68	110km
TVO	85.46	115	iP	16 36.00	3.6X
	0.8s	65.00nm			5.7mb
TTG	85.54	320	iPd	16 32.88	0.4
CEY	85.55	325	ePd	16 32.40	-0.2
BRY	85.58	321	iPd	16 32.44	-0.5
VOY	85.59	325	ePd	16 32.00	-0.8
			e	17 08.10	142kmX
OHR	85.64	318	iP	16 33.00	-0.1
FVI	85.68	326	P	16 32.30	-0.8
UCC	85.83	333	P	16 34.00	0.2
BDV	85.87	320	iPd	16 34.84	0.7
ULC	85.87	320	eP	16 38.70	4.5X
TRI	85.89	325	eP	16 32.30	-1.9

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SOTA    85.90 328 iPd    16 34.20  -0.2
                iPP      19 54.20
HCY     85.92 321 iPd    16 34.12  -0.3
WLF     86.07 332 Pd     16 36.00   1.0
SNF     86.09 333 iPd    16 35.10   0.0
                ic       17 03.30 107km
OGA     86.25 32B iPc    16 37.00   0.8
        1.7s   107.00nm          5.6mb
DOU     86.32 333 Pc     16 36.90   0.7
HLW     86.57 304 ePd    16 38.00   0.2
                e        17 26.00 194kmX
                eS       26 55.00
CTI     86.60 327 P      16 37.30  -0.5
CDF     86.63 330 P      16 37.B7   0.0
LIBD    86.71 330 P      16 38.40   0.3
FEL     86.75 330 P      16 38.23  -0.3
OSS     86.78 32B ePd    16 39.50   0.7
ECH     86.83 330 P      16 38.B3   0.0
ZLA     86.91 329 ePd    16 39.50   0.3
ANMO    86.93  49 P      16 41.20   1.5
        1.5s    69.44nm          5.5mb
ALQ     86.93  49 iPc    16 40.00   0.2
        1.0s    26.00nm          5.2mb
LLS     87.13 329 ePd    16 41.00   0.5
MOF     87.13 330 P      16 40.18  -0.2
VDL     87.23 32B ePd    16 41.50   0.5
BBS     87.29 330 P      16 41.12   0.1
BSF     87.29 330 iPd    16 40.60  -0.5
        1.7s    66.15nm          5.4mb
VITF    87.30 331 P      16 40.94  -0.1
HAU     87.33 331 iPd    16 41.00  -0.2
      Z  22s     0.73um          5.0Msz
SAL     87.44 327 P      16 42.30   0.6
ETA     87.64 340 eP     16 43.00   0.5
LOMF    87.66 330 P      16 42.91   0.0
TMA     87.78 32B ePd    16 43.40  -0.2
ARV     87.93 324 P      16 44.50   0.3
VAI     88.01 328 P      16 43.00  -1.4
SFI     88.13 325 P      16 46.40   1.4
ECP     88.14 340 eP     16 45.40   0.5
MMK     88.22 329 ePd    16 46.50   0.7
PGD     88.22 325 P      16 47.40   1.6
CRE     B8.30 325 P      16 46.60   0.5
ASS     B8.39 324 P      16 46.90   0.5
DIX     B8.43 329 ePd    16 47.40   0.6
MME     88.45 326 P      16 48.00   1.0
FIR     88.52 325 eP     16 42.00  -4.9X
ORX     88.54 328 P      16 45.67  -1.5
ORO     88.55 328 P      16 46.60  -0.6
DUI     88.56 322 P      16 48.10   0.8
BOB     88.58 327 P      16 47.30   0.0
BDI     88.60 326 P      16 46.B0  -0.7
EMS     B8.64 329 ePd    16 48.00   0.3
SDI     88.85 323 P      16 48.40  -0.2
MNS     88.90 324 P      16 48.40  -0.4
PII     88.90 326 P      16 48.40  -0.3
LOR     88.91 332 iPd    16 48.60  -0.2
        1.5s    67.90nm          5.5mb
      Z  22s     0.73um          5.1Msz
LSD     B9.03 329 P      16 49.47  -0.2
LBF     89.10 331 iPd    16 49.30  -0.4
        1.5s    44.40nm          5.4mb
PCP     B9.15 327 P      16 48.44  -1.6
LPL     89.16 329 iPd    16 50.30   0.0
        0.9s    22.95nm          5.3mb
LPG     B9.17 329 iPd    16 50.50   0.1
        0.9s    21.30nm          5.3mb
SSF     89.22 332 iPd    16 50.20   0.0
        1.5s    47.00nm          5.4mb
RSP     89.23 328 P      16 48.44  -2.0
FLN     89.26 335 iPd    16 50.10  -0.3
        1.3s    39.70nm          5.4mb
      Z  22s     1.05um          5.2Msz
LDF     89.28 335 iPd    16 50.20  -0.3
        1.3s    46.95nm          5.5mb
CKI     89.36 327 P      16 50.10  -0.8
SMF     89.43 331 iPd    16 51.00  -0.2
        1.5s    67.90nm          5.6mb
BHB     89.48 328 P      16 48.75  -2.7
AVF     89.50 332 iPd    16 51.50   0.0
        1.3s    70.40nm          5.6mb
BNI     89.56 329 P      16 54.40   2.4
FIN     89.56 327 P      16 49.98  -2.0
RRL     89.62 329 P      16 51.62  -0.8
ROB     89.65 32B P      16 50.29  -2.1
GRR     89.71 335 iPd    16 52.50   0.0
        1.3s    57.75nm          5.5mb
PZZ     89.81 328 P      16 50.29  -2.9
BGF     89.89 332 eP     16 53.40   0.0
        1.7s    73.50nm          5.5mb
ENR     89.90 328 P      16 50.59  -3.0
STV     89.92 328 P      16 50.59  -3.1X
IMI     89.94 327 P      16 52.13  -1.6
ACO     90.05  43 iPc    16 55.00   0.7
LPF     90.08 335 iPd    16 54.30   0.1
        1.3s    65.00nm          5.6mb
SBF     90.18 328 iPd    16 54.00  -0.8
        1.3s    90.25nm          5.8mb
SSB     90.27 330 P      16 55.26   0.1
MAF     90.2B 332 iPd    16 55.60   0.4
        1.4s    69.70nm          5.6mb
TCF     90.36 332 iPd    16 55.90   0.3
        1.5s    47.00nm          5.4mb
SOI     90.37 319 P      16 56.30   0.6
PGF     90.51 326 iPd    16 55.80  -0.6
        1.3s    39.70nm          5.4mb
LSF     90.65 332 iPd    16 57.10   0.2
        1.3s    74.00nm          5.7mb
FRF     90.77 328 iPd    16 56.80  -0.6
        1.3s    61.35nm          5.7mb
LRG     90.97 328 iPd    16 58.20  -0.2
        1.3s    93.B5nm          5.9mb
      Z  20s     0.60um          5.0Msz
MFF     90.98 334 iPd    16 58.70   0.3
        1.3s    72.20nm          5.7mb
LMR     91.01 328 iPd    16 58.10  -0.4
        1.3s    93.85nm          5.9mb
RJF     91.45 332 iPd    17 01.00   0.4
        1.3s    68.60nm          5.8mb
      Z  21s     0.57um          5.0Msz
CAF     91.55 331 iPd    17 01.70   0.6
        1.4s    78.40nm          5.8mb
MEO     91.73  44 iPd    17 01.60  -0.5
LFF     92.05 332 iPd    17 03.90   0.6
        1.3s    79.40nm          5.9mb
LPO     92.10 332 iPd    17 04.00   0.4
        1.3s    50.55nm          5.7mb
LNO     92.48  42 eP     17 06.00   0.7
TUL     92.48  42 eP     17 06.10   0.6
        1.0s    47.50nm          5.8mb
      Z  1Bs     0.15um          4.5Msz
                  LR     47 27.00
EPF     93.82 331 iPd    17 11.40  -0.2
        1.5s    23.50nm          5.4mb
TOL     98.21 333 eP     17 32.00   0.4
                  ePP    21 33.00
                  eS     28 07.00
BCAO   112.24 293 iPKPd  22 32.00   1.4
        0.9s    23.00nm
                  i      23 08.30
TIC    126.77 314 PKP    22 58.22  -0.3
KIC    126.83 314 PKP    22 58.38  -0.2
LIC    127.11 314 PKP    22 58.94  -0.2
TOV    127.38  38 ePKP   23 00.30   0.6
SDV    127.72  39 ePKP   23 00.60   0.1
NVL    134.97 202 (PKP)d23 14.50   2.2
        1.6s    27.00nm
                  e      23 30.00
                  e      23 49.00
ARE    146.58  64 ePKP   23 37.00   2.0
ZOBO   14B.90  60 iPKPc  23 40.00   0.9
        1.3s    31.55nm
                  LR     14 40.00
LPB    149.09  60 PKP    23 39.00  -0.1
ANT    151.56  75 ePKP   23 47.80   5.7X
RTCB   155.99  89 iPKPc  23 49.20   1.0
      S.D. = 0.9  on 436 of 456 obs.
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&  FEB  01, 1992  20h 03m 30.31s
   61.436 N          146.658 W
   DEPTH =  13.8km
 SOUTHERN ALASKA                    (  2)
      <AEIC>. ML 2.7 (AEIC), 3.3
      (PMR).

VLZ      0.34 153 iPc    03 37.42  -0.2
                  eS     03 43.28
KLU      0.36  81 iPc    03 37.75  -0.2
VZW      0.38 172 eP     03 37.93  -0.4
GLI      0.60 201 iPc    03 41.38  -0.7
                  S      03 50.62
FID      0.69 173 ePd    03 43.31  -0.4
                  eS     03 53.65
TOA      0.71  19 iPd    03 43.90  -0.1
TZL      0.85  43 iPc    03 45.48  -0.8
KNK      0.86 269 ePc    03 45.85  -0.8
                  eS     03 57.93
SML      0.88 296 iPc    03 45.62  -1.3
                  eS     03 58.02
GHO      1.13 2BB iPc    03 49.72  -1.5
                  eS     04 04.87
SGAM     1.1B 142 ePc    03 49.57  -2.3
                  S      04 05.94
PLRM     1.20 279 iPc    03 50.92  -1.3
                  eS     04 07.30
PMR      1.20 279 iPc    03 51.40  -0.B
                  eS     04 07.80
SDG      1.22  25 iPc    03 50.76  -1.8
                  eS     04 05.99
GLB      1.37  89 ePc    03 52.18  -2.B
                  eS     04 10.58
PMS      1.41 263 iPc    03 54.70  -0.9
LTI      1.52 203 eP     03 54.56  -2.5
                  eS     04 16.93
MTU      1.53 199 ePc    03 56.07  -1.2
PWA      1.56 279 iPc    03 56.80  -0.8
PAX      1.64  19 eP     03 56.97  -1.9
                  eS     04 18.33
CROM     1.84 110 ePc    04 00.28  -1.6
KAIM     1.87 143 eP     04 00.81  -1.4
SEW      1.91 227 eP     04 01.41  -1.3
SUA      1.96 273 ePc    04 02.47  -1.1
CUT      1.97 301 iPc    04 02.80  -0.7
SLKM     1.97 243 iPc    04 02.42  -1.2
TGL      1.98 108 ePc    04 02.23  -1.6
MID      2.02 175 eP     04 03.31  -1.0
HUR      2.08 319 eP     04 04.49  -0.B
                  eS     04 30.64
BALM     2.12  99 ePc    04 03.75  -2.2
                  eS     04 29.90
RND      2.23 334 eP     04 06.44  -0.9
SKT      2.38 285 ePc    04 08.09  -1.5
DOT      2.53  27 eP     04 10.04  -1.5
MCK      2.53 336 eP     04 11.17  -0.5
CGLM     2.58 269 eP     04 10.92  -1.5
SPU      2.62 267 ePc    04 11.10  -1.8
CTGM     2.62  98 eP     04 11.72  -1.4
YAH      2.63 112 eP     04 11.81  -1.5
TRF      2.63 322 eP     04 12.09  -1.2
NCG      2.64 272 eP     04 11.87  -1.5
CRP      2.65 269 eP     04 12.18  -1.4
WRG      2.67 120 eP     04 13.33  -0.3
NNL      2.67 240 eP     04 12.78  -0.9
BRLK     2.68 233 ePc    04 11.85  -1.9
BKG      2.73 265 eP     04 13.16  -1.5
BGL      2.77 269 eP     04 13.51  -1.6
KTH      2.90 319 eP     04 16.07  -0.9
RDT      2.93 255 iPc    04 15.15  -2.2
CNPM     2.97 232 eP     04 15.83  -2.0
HDA      2.98 358 eP     04 16.25  -1.8
BWN      3.03 336 eP     04 17.67  -1.1
DFR      3.05 257 eP     04 17.36  -1.8
REF      3.10 255 eP     04 17.57  -2.2
RSO      3.13 254 eP     04 18.04  -2.3
RS2      3.13 255 eP     04 18.29  -2.0
RS1      3.13 254 eP     04 18.20  -2.1
RDW      3.15 255 eP     04 18.47  -2.1
RED      3.15 254 ePc    04 18.29  -2.3
NCT      3.1B 257 ePc    04 18.57  -2.3
XLV      3.20 234 eP     04 20.37  -0.B
CCB      3.27 351 eP     04 21.04  -1.0
INE      3.43 249 eP     04 22.04  -2.5
INW      3.46 249 ePd    04 22.59  -2.3
FBA      3.52 352 eP     04 25.80   0.2
GLM      3.58 355 eP     04 25.10  -1.5
MDM      3.61 349 eP     04 26.21  -0.7
AUE      3.93 241 eP     04 29.55  -1.9
AUP      3.95 241 eP     04 29.94  -1.8
PDB      4.06 249 eP     04 30.22  -3.1
SVW      4.34 270 eP     04 34.10  -3.3
TTA      4.63 293 eP     04 38.26  -3.3
IMA      5.59 329 eP     04 53.80  -1.4
       72 obs. associated
-----------------------------------------
?  FEB  01, 1992  20h 07m 32.07± 3.10s
   26.869 N ±32.2km   96.602 E ±27.7km
   DEPTH =  33.0km  (normal)
 MYANMAR                            (296)

SHL      4.43 254 iP     08 39.00   0.1
                  eS     09 23.00
```

01d 20h

```
CHG      8.30 164 eP     09 33.00  -0.2
CHTO     8.30 164 eP     09 33.30   0.2
GUN      9.59 279 P      09 52.20   1.0
PKI      9.99 277 P      09 56.20  -0.5
KKN     10.11 278 P      09 58.60   0.3
DMN     10.26 277 P      09 59.80  -0.5
GKN     10.69 279 P      10 05.80  -0.3
     S.D. = 0.6  on   8 of   8 obs.
-----------------------------------------
*  FEB  01, 1992  20h 36m 48.24± 1.09s
   50.378 N ± 8.4km    5.932 E ±14.4km
   DEPTH =  10.0km  (geophysicist)
 BELGIUM                            (541)
      ML 2.5 (LDG). MD 1.9 (UCC).

MEM      0.24  12 iPc    36 53.14  -0.1
                  iS     36 56.11
WLF      0.73 169 iP     37 04.00   1.5
DOU      0.90 252 iP     37 06.90   1.4
                  iS     37 19.60
HAU      2.39 173 Pg     37 34.60   6.5X
                  Sg     38 04.30
LOR      3.40 205 Pn     37 41.70  -0.7
                  Pg     37 52.20
                  Sn     38 21.40
                  Sg     38 36.90
SSF      3.69 207 Pn     37 45.60  -0.9
                  Sn     38 28.20
BGF      4.34 209 Pn     37 54.60  -1.1
                  Sn     38 42.00
                  Sg     39 06.80
     S.D. = 1.5  on   6 of   7 obs.
-----------------------------------------
*  FEB  01, 1992  20h 52m 04.53± 0.86s
   5.575 S ±14.7km  147.559 E ± 9.2km
   DEPTH = 200.7 ±  7.5 km
   4.9mb (  1 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

LAT      1.21 207 iPc    52 36.10   0.0
YYYY     1.72 247 eP     52 42.40   1.6
                  eS     53 10.40
MDG      1.80 280 iPc    52 40.50  -0.9
PMG      3.83 186 iPd    53 03.90  -0.9
                  eS     53 50.00
RAB      4.80  74 eP     53 17.00   0.0
QIS     16.78 207 iPd    55 49.10  -0.6
      0.2s    16.00nm          5.1mb X
MTN     17.74 245 eP     55 59.00  -1.2
KNA     21.03 240 eP     56 33.90   0.1
ASPA    22.28 215 iPd    56 47.60   1.6
      0.7s    36.30nm          5.0mb X
                  eS     00 38.00
DZM     24.55 134 iPc    57 07.70   0.1
WARB    28.62 222 eP     57 44.80   0.3
      0.3s     7.00nm          4.9mb
FORR    31.09 214 eP     58 05.70  -0.3
     S.D. = 1.1  on  12 of  12 obs.
-----------------------------------------
*  FEB  01, 1992  21h 15m 46.86± 1.08s
   33.087 S ± 8.8km   69.970 W ±11.5km
   DEPTH =  33.0km  (normal)
 CHILE-ARGENTINA BORDER REGION    (127)
      MD 3.6 (SAN).

PEL      0.60 264 iP     16 00.00   1.0
                  iS     16 11.80
JACH     0.66 307 iPc    16 00.60   0.7
                  iS     16 14.60
SAN      0.68 238 (P)    16 01.00   0.9
                  iS     16 13.60
PCH      0.70 220 iPc    16 01.40   1.0
                  iS     16 14.90
ROCH     0.88 277 iP     16 02.00  -1.1
                  iS     16 16.50
CHCH     1.02 214 iP     16 04.50  -0.4
                  iS     16 21.10
CACH     1.15 207 iPd    16 06.50  -0.4
                  iS     16 24.00
LCCH     1.39 253 (P)    16 08.50  -1.7
                  iS     16 25.00
LNV      1.48 234 iP     16 07.70  -3.8X
                  iS     16 27.00
RTCB     1.88  32 iPd    16 17.20  -0.1
                  S      16 43.20
CFA      2.08  45 ePd    16 46.20  26.0X
     S.D. = 1.1  on   9 of  11 obs.
-----------------------------------------
?  FEB  01, 1992  21h 24m 24.63± 5.66s
   36.547 N ±56.6km   70.448 E ±22.8km
   DEPTH =  33.0km  (normal)
 HINDU KUSH REGION, AFGHANISTAN   (718)

QUE      6.98 206 e(P)   26 07.40   0.0
                  eS     27 19.20
NDI      9.69 142 eP     26 45.00   0.1
GKN     14.71 121 P      27 51.60  -0.6
KKN     15.28 121 P      27 59.60  -0.2
KKN     15.28 121 P      27 59.80   0.0
PKI     15.51 121 P      28 02.40  -0.4
GUN     15.63 119 P      28 05.40   1.0
     S.D. = 0.6  on   7 of   7 obs.
-----------------------------------------
*  FEB  01, 1992  22h 03m 01.39± 0.65s
   8.740 S ±17.2km  123.961 E ±19.8km
   DEPTH =  33.0km  (normal)
   4.7mb (  5 obs.)
 FLORES REGION, INDONESIA         (286)

MTN      8.14 121 eP     05 01.30   1.1
      0.4s   133.00nm          6.4mb X
                  eS     06 23.00
KNA      8.40 146 eP     05 03.80   0.0
                  eS     06 29.00
WARB    17.54 172 eP     07 06.00   0.9
                  eS     10 09.00
ASPA    17.63 148 iPd    07 05.20  -1.1
      0.7s    31.90nm          4.6mb
                  eS     10 06.80
QIS     19.14 130 iPc    07 24.00  -0.7
      0.3s     9.00nm          4.5mb
                  eS     10 43.00
CHTO    36.86 318 eP     10 11.00   2.3
      0.7s     0.95nm          3.8mb
GUN     51.81 316 P      12 08.80  -0.2
      0.6s    10.00nm          5.0mb
PKI     51.92 315 P      12 05.00  -4.8X
      0.6s    12.00nm          5.0mb
KKN     52.14 315 P      12 10.40  -1.0
DMN     52.15 315 P      12 10.80  -0.7
GKN     52.72 315 P      12 15.00  -0.6
     S.D. = 1.2  on  10 of  11 obs.
-----------------------------------------
&  FEB  01, 1992  22h 40m 27.58s
   59.517 N          152.994 W
   DEPTH =  85.3km
 SOUTHERN ALASKA                  (  2)
      <AEIC>.

AUE      0.25 231 eP     40 39.97  -0.4
AUP      0.27 235 eP     40 40.28  -0.3
AUI      0.29 231 eP     40 40.06  -0.5
                  eS     40 49.47
INE      0.55 356 ePc    40 41.73  -0.9
INW      0.56 353 ePc    40 41.82  -0.8
                  eS     40 53.64
XLV      0.65  95 iPc    40 42.91  -0.5
                  eS     40 55.10
PDB      0.67 295 ePd    40 42.76  -0.8
                  eS     40 54.66
MCNL     0.76 245 iPd    40 43.82  -0.7
                  eS     40 56.26
CNPM     0.90  89 iPc    40 45.30  -0.7
                  eS     41 00.04
RED      0.91   7 iPd    40 45.46  -0.8
                  eS     40 59.37
RS1      0.95   7 iPd    40 46.15  -0.7
RSO      0.96   7 iPd    40 46.15  -0.8
                  eS     41 00.56
RS2      0.96   7 ePd    40 46.17  -0.8
RDW      0.97   5 iPd    40 46.27  -0.8
                  eS     41 01.32
REF      0.99   8 ePd    40 46.41  -0.9
                  eS     41 01.09
NNL      1.01  58 ePc    40 47.59   0.3
NCT      1.05   2 iPd    40 47.08  -0.8
                  eS     41 02.39
DFR      1.09   8 eP     40 47.80  -0.6
BRLK     1.10  76 iPc    40 47.34  -1.1
RDT      1.10  15 iPd    40 47.60  -0.9
                  eS     41 02.91
BGM      1.15 265 eP     40 47.97  -1.1
BKG      1.60  13 iPd    40 54.26  -0.7
SLKM     1.71  53 eP     40 55.70  -0.6
SPU      1.73  15 iPd    40 55.80  -0.9
BGL      1.78   9 eP     40 56.66  -0.6
KDC      1.79 171 ePd    40 55.92  -1.4
CRP      1.80  13 iPd    40 57.01  -0.7
CGLM     1.86  15 iPd    40 57.65  -0.8
SEW      1.89  70 eP     40 57.17  -1.4
NCG      1.94  12 iPd    40 58.73  -0.7
SVW      2.06 322 iPd    41 00.04  -1.0
SUA      2.25  29 ePd    41 02.74  -0.9
PMS      2.43  43 ePc    41 05.08  -1.0
                  eS     41 33.54
SKT      2.57  16 ePd    41 06.75  -1.3
PWA      2.64  34 eP     41 08.20  -0.6
LTI      2.65  76 eP     41 07.40  -1.7
MTU      2.74  78 eP     41 08.46  -1.9
PLRM     2.82  41 eP     41 09.42  -2.0
PMR      2.82  41 P      41 09.20  -2.2
KNK      2.94  48 eP     41 10.98  -2.1
GHO      3.02  40 eP     41 12.71  -1.5
CUT      3.19  23 eP     41 15.35  -1.1
GLI      3.25  63 ePc    41 13.83  -3.4
SML      3.25  43 eP     41 15.42  -1.9
FID      3.49  66 ePc    41 16.89  -3.7
VZW      3.56  61 eP     41 19.07  -2.6
VLZ      3.69  61 eP     41 20.74  -2.6
TTA      3.72 338 P      41 21.40  -2.5
KLU      4.02  57 ePc    41 25.28  -2.8
SGAM     4.03  72 eP     41 24.46  -3.7
TRF      4.16  17 eP     41 29.28  -0.8
KTH      4.17  13 eP     41 29.58  -0.6
TOA      4.23  49 eP     41 28.60  -2.4
KAIM     4.36  81 eP     41 30.95  -1.8
RND      4.38  25 eP     41 31.43  -1.7
TZL      4.49  52 eP     41 33.41  -1.2
MCK      4.65  23 eP     41 35.42  -1.4
GLB      4.94  63 eP     41 37.63  -3.2
BWN      4.96  18 eP     41 39.60  -1.5
CROM     5.08  72 eP     41 40.49  -2.5
TGL      5.23  72 eP     41 42.40  -2.6
NEA      5.40  18 eP     41 44.39  -2.9
WRH      5.48  23 ePc    41 45.81  -2.5
BALM     5.51  69 eP     41 46.00  -2.9
WRG      5.56  80 eP     41 47.93  -1.6
MLY      5.63  10 eP     41 49.18  -1.3
HDA      5.67  28 eP     41 48.26  -2.7
CCB      5.69  23 eP     41 48.42  -2.9
YAH      5.72  77 eP     41 49.59  -2.3
SDN      5.82 227 eP     41 51.04  -2.0
MDM      5.90  20 eP     41 51.40  -2.7
FBA      5.92  22 eP     41 51.68  -2.8
CTGM     5.99  71 eP     41 53.31  -2.2
GLM      6.0B  23 eP     41 54.02  -2.7
      74 obs. associated
-----------------------------------------
*  FEB  01, 1992  22h 49m 59.09± 1.26s
   20.445 S ±10.1km  177.838 W ±14.0km
   DEPTH = 529.4 ± 13.2 km
   4.7mb ( 13 obs.)
 FIJI ISLANDS REGION              (181)

SVA      4.20 303 ePd    51 21.60  -0.1
DZM     14.74 261 iPc    53 07.10   0.8
PUZ     17.89 190 eP     53 38.80   1.8
URZ     18.28 193 P      53 40.70   0.0
NOZ     18.46 190 P      53 43.40   1.0
THZ     22.65 198 P      54 20.60  -0.8
KHZ     23.08 196 eP     54 23.40  -1.7
ARMA    29.23 244 iPc    55 20.00   0.3
      0.2s     3.00nm          4.5mb
CMS     34.32 244 iPc    56 02.80   0.2
      0.6s    13.00nm          4.7mb
QLP     35.22 253 iPd    56 10.20   0.1
      0.8s    70.00nm          5.3mb
TOD     36.05 234 iPc    56 17.60   0.7
      0.7s    22.00nm          4.9mb
STK     37.95 244 iPd    56 36.80   4.3X
      0.9s     6.60nm          4.2mb
QIS     39.78 262 eP     56 47.00  -0.5
      0.2s     2.00nm          4.4mb
ASPA    44.68 257 iPd    57 25.90  -0.5
      1.1s    73.50nm          5.1mb
                  e      58 57.40
                  eS     03 22.70
                  e      06 26.90
WB2     44.75 262 iPc    57 26.00  -0.9
      0.4s    42.80nm          5.3mb
                  i      57 48.20
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WRA     44.76 262 P      57 22.10  -4.8X
        1.1s     12.20nm          4.3mb
MTN     49.32 270 eP     58 00.70  -1.0
FORR    49.42 246 eP     58 01.30  -0.9
WARB    50.99 252 eP     58 12.00  -1.9
MAT     70.25 324 iPc    00 19.90  -0.5
        0.7s     12.33nm          4.5mb
BJI     85.96 315 eP     01 44.50   0.6
PNT     86.52  34 eP     01 47.00   0.5
BDT     89.75 288 eP     02 04.50   2.4
CHG     90.37 290 ePd    02 06.80   1.8
        0.9s     10.50nm          4.8mb
CHTO    90.37 290 iPd    02 06.50   1.5
        0.7s      9.05nm          4.8mb
YKA     96.40  25 eP     02 29.90  -1.6
        0.9s      0.70nm          3.9mb
APO    139.09 351 ePKP   08 17.90  -8.5X
        0.3s      0.60nm
MUD    143.66 353 iPKPc  08 32.90  -1.6
        0.9s     16.00nm
EKA    144.94   5 PKP    08 37.00   0.3
        0.9s      5.40nm
KSP    147.68 343 iPKPd  08 44.50   3.2X
SPC    147.88 337 e(PKP)08 46.60   4.6X
CLL    148.04 347 iPKPd  08 45.40   3.5X
        0.9s     30.00nm
WTS    148.30 355 ePKP   08 46.50   4.3X
        0.9s     19.00nm
PRU    148.92 344 PKPd   08 48.00   4.7X
        0.9s      9.10nm
                   e     08 54.40
MOX    148.95 348 ePKP   08 47.70   4.4X
        1.4s     16.00nm
ENN    149.60 355 ePKP   08 49.50   5.3X
        0.9s     12.00nm
SRO    149.73 338 i(PKP)08 49.20   4.7X
                   e     40 52.00
MEM    149.75 355 PKPd   08 49.60   5.2X
ZST    149.80 340 e(PKP)08 48.00   3.4X
GRF    149.94 348 ePKP   08 51.00   6.2X
                   e     08 58.40
KHC    149.95 345 ePKP   08 51.00   6.1X
                   e     08 59.00
GEC2   150.19 345 ePKPc  08 42.50  -2.9X
        1.1s      1.14nm
DOU    150.35 357 PKP    08 51.30   5.9X
WLF    150.67 355 iPKPc  08 53.00   7.1X
FLN    151.67   4 ePKP   08 53.60   6.2X
        0.9s     13.10nm
CDF    151.80 353 ePKP   08 54.60   6.9X
LDF    151.86   3 ePKP   08 54.10   6.4X
        0.9s      9.85nm
GRR    152.02   4 ePKP   08 54.50   6.6X
        0.9s      9.85nm
HAU    152.30 354 ePKP   08 55.40   7.0X
LPF    152.36   5 ePKP   08 55.40   7.0X
        0.9s     16.40nm
BSF    152.42 353 ePKP   08 55.60   6.9X
LOR    153.21 357 ePKP   08 57.50   7.8X
SSF    153.43 358 ePKP   08 58.10   8.2X
LBF    153.49 357 ePKP   08 58.20   8.1X
MFF    153.84   4 ePKP   08 58.70   8.2X
     S.D. = 1.2  on  26 of  55 obs.
-----------------------------------------
   FEB  01, 1992  23h 29m 04.81± 0.34s
   5.144 N ± 6.9km   94 446 E ± 6.2km
   DEPTH =  61.1km  (  3 depth phases)
   4.7mb ( 19 obs.)
 NORTHERN SUMATERA, INDONESIA      (706)

SNG      6.46  71 eP     30 38 20  -1.3
        1.0s    282.00nm          5.7mb X
IPM      6.58  95 ePd    30 39.90  -1.3
        0.4s     36.40nm          5.3mb X
                   e     31 49.10
KGM      9.38 109 eP     31 15.00  -4.9X
BDT     12.83  20 eP     32 08.00   1.8
LOE     14.12  30 eP     32 28.00   4.8X
CHG     14.28  18 eP     32 28.00   2.7
        1.0s     50.00nm          4.9mb X
CHTO    14.28  18 eP     32 25.70   0.4
        0.8s     39.71nm          4.9mb X
HYB     19.77 309 eP     33 32.20  -0.6
                   e     33 46.20  68km
                   e     33 52.50
PKI     23.91 340 P      34 12.80  -1.6
DMN     24.05 339 P      34 15.00  -0.7
GUN     24.06 341 P      34 14.60  -1.3
KKN     24.15 340 P      34 15.00  -1.6
GKN     24.57 339 P      34 20.00  -0.6
QUE     35.95 317 eP     36 02.60   0.9
BJI     39.88  26 eP     36 34.00  -0.2
        0.8s      5.00nm          4.4mb
WB2     46.48 124 iPc    37 28.00   0.0
        1.0s     22.30nm          5.0mb
                   i     37 43.10  58km
ASPA    47.97 128 iPd    37 39.50  -0.1
        1.1s      8.20nm          4.6mb
                   eS    44 31.90
QIS     51.17 121 iPd    38 03.60  -0.6
        0.1s      3.00nm          5.3mb
CMS     61.00 130 eP     39 14.20  -0.2
        0.7s      4.00nm          4.7mb
TOO     63.67 136 eP     39 34.00   1.8
KRI     67.66 250 iPc    39 55.50  -2.7
BUL     69.35 246 iPd    40 10.00   1.4
KAF     75.35 333 eP     40 55.60  12.4X
        0.4s      1.80nm
BCAO    75.61 273 iPc    40 47.40   1.8
        0.7s      9.00nm          4.8mb
                   i     41 03.30  57km
SPC     75.81 319 e(P)   40 46.40   0.1
ZST     77.75 318 eP     40 56.90   0.1
KSP     78.55 321 eP     41 01.70   0.5
GEC2    80.06 319 ePc    41 08.40  -1.1
        0.7s      5.08nm          4.6mb
KHC     80.15 319 eP     41 10.00   0.0
APO     80.88 330 eP     41 12.00  -1.5
        0.4s      0.70nm          3.9mb
GRF     81.72 319 eP     41 19.30   1.2
CDF     84.31 318 eP     41 31.10  -0.4
BSF     84.65 317 eP     41 32.60  -0.7
LPG     84.75 315 eP     41 34.20   0.1
        0.8s      6.05nm          4.7mb
LPL     84.76 315 eP     41 34.20   0.2
        0.8s      9.40nm          4.9mb
FRF     84.90 313 eP     41 34.80   0.4
        1.0s     10.00nm          4.8mb
HAU     84.94 318 eP     41 34.20  -0.4
        0.7s      4.40nm          4.7mb
LMR     85.01 313 eP     41 35.10   0.1
LRG     85.11 313 eP     41 36.10   0.6
        0.9s      9.85nm          4.9mb
LBF     86.60 317 eP     41 42.70  -0.2
        1.0s      6.00nm          4.7mb
LOR     86.66 317 eP     41 43.00  -0.1
        0.9s      5.75nm          4.7mb
SMF     86.71 316 eP     41 43.20  -0.2
        0.9s      5.75nm          4.7mb
SSF     86.91 317 eP     41 44.50   0.1
AVF     87.04 317 eP     41 44.90   0.0
        0.9s      3.30nm          4.5mb
BGF     87.41 316 eP     41 47.10   0.4
        0.9s      5.75nm          4.8mb
MAF     87.63 316 eP     41 48.20   0.4
CAF     88.09 315 eP     41 50.70   0.6
LPO     88.74 315 eP     41 53.80   0.6
        0.7s      4.40nm          4.8mb
ZOBO   159.63 236 PKP    49 01.00   1.7
                   i     49 40.10
     S.D. = 1.1  on  46 of  49 obs.
-----------------------------------------
   FEB  01, 1992  23h 31m 19.78± 0.49s
   43.600 N ± 5.0km   12.403 E ± 4.7km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                     (381)

CRE      0.33 275 P      31 26.40  -0.2
                   eSg   31 31.50
ARV      0.41 104 P      31 28.00  -0.1
                   eSg   31 34.80
SFI      0.51 309 P      31 29.70  -0.4
                   eSg   31 37.50
ASS      0.56 160 P      31 30.70  -0.5
                   eSg   31 39.30
PGD      0.57 299 P      31 31.50   0.1
                   eSg   31 39.90
MNS      1.23 170 P      31 43.20   0.5
                   eSg   31 59.00
PII      1.37 276 P      31 45.30   0.4
FVI      3.00   5 P      32 08.50   0.3
KBA      3.54  10 ePn    32 16.00  -0.1
                   e(Sn) 33 01.50
     S.D. = 0.4  on   9 of   9 obs.
-----------------------------------------
   FEB  01, 1992  23h 33m 09.15± 0.63s
   43.589 N ± 6.5km   12.442 E ± 5.9km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                     (381)

CRE      0.36 276 P      33 16.50  -0.1
                   eSg   33 21.50
ARV      0.37 104 P      33 17.10   0.2
                   eSg   33 24.10
SFI      0.54 308 P      33 18.80  -1.3
                   eSg   33 27.50
ASS      0.54 163 P      33 19.70  -0.4
                   eSg   33 28.00
PGD      0.60 299 P      33 21.80   0.5
                   eSg   33 29.40
MNS      1.22 172 P      33 31.70  -0.1
                   eSg   33 48.80
PII      1.40 276 P      33 35.80   1.1
KBA      3.55  10 iPnd   34 05.60   0.1
                   e(Sn) 34 51.00
     S.D. = 0.8  on   8 of   8 obs.
-----------------------------------------
   FEB  01, 1992  23h 48m 09.55± 0.96s
   30.455 N ± 5.0km  138.271 E ± 5.1km
   DEPTH = 437.3 ± 11.0 km
   4.8mb ( 36 obs.)
 SOUTH OF HONSHU, JAPAN            (211)

MAT      6.07 360 iPd    49 45.40   0.4
        0.9s     40.34nm          4.5mb
                   eS    51 01.00
SSE     14.70 277 P      51 18.00  -1.3
        1.2s     26.00nm          4.6mb
                   eS    55 44.00
GUMO    17.86 159 eP     51 53.00   1.7
GUA     17.92 159 eP     51 53.50   1.6
BJI     20.38 304 eP     52 15.50  -0.1
        1.4s     72.00nm          5.0mb
                   e     55 37.00
KMI     31.79 269 Pd     53 58.00  -0.1
        1.0s     60.00nm          5.0mb
LOE     35.67 257 iPd    54 31.00   0.5
CHG     37.40 261 iPd    54 45.50   0.7
        0.7s     83.90nm          5.3mb
CHTO    37.40 261 iPd    54 45.60   0.8
        0.8s     99.38nm          5.3mb
                   pP    56 01.20 384kmX
BDT     38.05 259 iPd    54 51.00   0.9
        0.7s     73.10nm          5.2mb
KHT     39.58 256 eP     55 03.50   0.9
SHL     41.02 275 iP     55 14.00  -0.5
        0.5s     19.37nm          4.8mb
                   eS    00 11.50
KGM     43.54 236 eP     55 35.00   0.7
MTN     43.60 190 iPd    55 33.30  -1.4
        0.3s     65.00nm          5.5mb
GUN     45.48 280 P      55 51.20   1.3
PKI     45.97 280 P      55 54.00   0.3
KKN     46.02 281 P      55 54.60   0.6
DMN     46.22 280 P      55 56.00   0.4
PSI     46.32 241 eP     56 04.20   8.1X
GKN     46.51 281 P      55 58.20   0.6
KNA     46.84 193 eP     55 58.50  -1.4
WB2     50.25 185 iPc    56 24.20  -1.5
        0.4s     51.00nm          5.2mb
WRA     50.25 185 P      56 24.20  -1.5
        0.4s     43.70nm          5.1mb
QIS     50.73 178 iPd    56 27.50  -1.7
        0.6s      6.00nm          4.1mb
SVW     52.36  34 P      56 41.00   0.1
        1.1s     18.75nm          4.3mb
PDB     52.99  36 P      56 44.90  -0.5
RSO     53.73  35 P      56 50.10  -0.9
ASPA    53.97 185 iPd    56 51.30  -1.5
        0.6s     34.90nm          4.9mb
SLKM    54.99  35 P      56 58.10  -1.5
PMR     55.50  34 P      57 01.60  -1.5
        1.0s     42.76nm          4.7mb
HYB     55.55 271 iPd    57 03.30  -0.9
        1.0s     35.00nm          4.6mb
RND     55.61  31 P      57 02.70  -1.3
FBA     56.08  30 P      57 05.60  -1.6
        0.7s     17.64nm          4.5mb
KLU     57.04  34 P      57 12.50  -1.5
WARB    57.41 192 eP     57 16.00  -0.8
QUE     60.54 290 eP     57 38.30   0.1
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01d 23h

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        0.8s   167.91nm          5.6mb
INK     61.43  25 iPc   57 42.50  -0.8
FORR    61.73 190 eP    57 44.30  -1.3
STK     62.08 177 iPd   57 50.60   2.8
        0.4s     5.30nm          4.4mb
MBC     63.55  15 ePc   57 56.50  -0.4
        0.7s    20.00nm          4.8mb
YKA     70.82  28 eP    58 40.50  -1.2
        0.7s     8.20nm          4.5mb
DAG     72.08 355 iPc   58 49.20   0.3
        0.9s    16.81nm          4.7mb
KAF     72.95 333 iP    58 53.80  -0.3
        0.5s    11.00nm          4.7mb
GMW     73.74  44 P     59 00.20   1.2
NUR     74.51 332 iP    59 02.80  -0.2
        0.4s     5.70nm          4.6mb
LON     74.70  45 P     59 04.30  -0.2
SHW     74.70  45 P     59 05.80   1.2
PNT     74.77  42 ePc   59 05.00   0.3
        1.0s    24.00nm          4.8mb
DPW     76.30  42 P     59 13.60   0.4
LBFM    77.24  50 P     59 19.30   0.5
UPP     77.69 334 iP    59 19.90  -0.5
ORV     78.39  51 P     59 24.10  -0.6
SES     78.92  38 ePc   59 27.60   0.3
        1.0s    54.00nm          5.2mb
HFS     78.97 335 eP    59 26.40  -0.9
        0.4s     9.80nm          4.8mb
CMB     79.90  52 P     59 33.20   0.5
        1.4s    34.99nm          4.8mb
FFC     80.66  31 iPc   59 36.40   0.2
        0.7s    23.00nm          4.9mb
LRM     80.73  42 iPc   59 37.80   0.7
                   e    01 16.90
BONR    81.35  51 P     59 41.40   0.8
HPI     81.53  44 P     59 42.40   1.0
TNP     82.01  50 P     59 44.30   0.5
        0.3s     8.17nm          4.9mb
PTI     82.45  44 P     59 47.20   1.3
HVU     82.82  45 P     59 48.80   1.0
DUG     83.70  47 P     59 53.00   0.8
        1.4s    69.11nm          5.2mb
BW06    84.18  43 P     59 54.80   0.1
        1.0s     6.33nm          4.3mb
KSP     84.26 327 eP    59 54.70   0.1
PEC     84.30  54 P     59 54.80  -0.4
        0.8s     8.81nm          4.5mb
DAU     84.55  46 P     59 57.40   0.8
PLM     84.81  54 P     59 57.80  -0.1
EMUT    85.17  46 P     00 00.30   0.7
SRU     85.77  47 P     00 02.50   0.1
RSSD    86.51  40 P     00 07.10   1.1
        1.1s    12.73nm          4.6mb
GEC2    86.85 327 ePd   00 06.20  -1.1
        0.6s     0.65nm          3.6mb X
ANMO    90.88  48 P     00 27.10   0.6
        1.0s     8.00nm          4.6mb
ALQ     90.88  48 ePd   00 26.30  -0.2
        1.0s    10.00nm          4.7mb
ARE    149.46  70 ePKP  07 12.00   6.8X
ZOBO   152.05  66 ePKP  07 10.00   0.5
                   i    07 16.90
LPB    152.22  66 PKP   07 15.00   5.6X
     S.D. = 1.0  on  74 of  77 obs.
-----------------------------------
?  FEB  02, 1992  00h 18m 09.39± 5.81s
   38.738 N ±42.9km   20.651 E ±27.9km
   DEPTH =  26.8 ±  8.0 km
 GREECE                            (364)

IGT     0.83 343 iP     18 24.64  -0.5
                 eS     18 42.64
AGG     1.34  77 iP     18 31.72  -0.8
                 iS     18 56.60
LIT     1.97  46 iP     18 42.92   1.3
                 iS     19 14.24
FNA     2.12  15 eP     18 43.40  -0.4
THE     2.60  43 eP     18 51.00   0.4
PAIG    2.63  62 eP     18 50.84  -0.2
SOH     2.94  44 eP     18 54.04  -1.4
KNT     2.97  35 eP     18 54.40  -1.4
OUR     3.03  57 iP     18 55.76  -0.9
SRS     3.28  43 eP     18 58.92  -1.3
     S.D. = 1.1  on  10 of  10 obs.
-----------------------------------
   FEB  02, 1992  00h 22m 05.99± 0.24s
   51.654 S ± 6.0km  139.406 E ± 6.5km
   DEPTH =  10.0km  (geophysicist)
   5.7mb ( 32 obs.)  5.9Msz (  5 obs.)
 SOUTH OF AUSTRALIA                (437)
      Mo=5.0*10**18 Nm (PPT).
      CENTROID, MOMENT TENSOR     (HRV)
      Doto Used: GDSN
      L.P.B.: 30S, 82C
      Centroid Locotion:
      Origin Time        00:22:10.0 0.3
      Lat 52.08S 0.03 Lon 139.42E 0.04
      Dep  15.0 FIX Half-duration  4.2
      Moment Tensor;    Scole 10**18 Nm
        Mrr=-0.19 0.03  Mtt= 0.03 0.03
        Mff= 0.16 0.03  Mrt= 0.21 0.09
        Mrf=-0.12 0.09  Mtf=-1.26 0.03
      Principol Axes:
        T  Val=  1.39  Plg= 8  Azm= 46
        N       -0.21      81      253
        P       -1.18       4      137
      Best Double Couple:Mo=1.3*10**18
       NP1:Strike=182 Dip=81 Slip=   3
       NP2:        91     87      171

BFD     14.65  10 iPc   25 41.00   6.0X
        1.0s   446.00nm          6.0mb
                   eTT   39 26.00
TOO     14.72  19 eP    25 37.00   1.0
ADE     16.69 358 ePd-  26 02.80   1.4
        1.1s   683.54nm          5.7mb
CNB     17.83  28 iP+   26 16.80   1.1
                   iS    29 4B.00
SIZ     19.28  87 eP    26 31.20  -2.2
BCZ     19.48  84 eP    26 34.60  -1.1
RIV     19.75  30 iPc   26 40.80   2.0
      Z  22s    40.07um
                   iS    30 26.00
STK     19.82   5 ePc   26 43.40   3.9X
        0.8s    31.30nm          4.7mb
                   eS    30 33.70
CSY     20.61 214 eP    26 52.50   5.1X
        0.9s    27.60nm          4.6mb X
CMS     20.70  16 iPd   26 48.80   0.1
        1.1s    83.00nm          5.0mb
FORR    22.40 334 eP    27 08.00   2.2
        0.4s    30.00nm          5.1mb
ARMA    23.07  28 eP    27 13.00   0.4
        0.9s   118.00nm          5.4mb
                   i    28 04.90
RKG     23.49 308 eP    27 15.00  -1.5
COOL    24.75 320 eP    27 27.00  -1.8
        1.0s   181.00nm          5.7mb
THZ     24.81  80 eP    27 25.70  -3.6X
QLP     25.30  10 iPd   27 35.00   1.0
        1.0s   538.00nm          6.2mb
KLB     25.59 313 eP    27 36.00  -0.7
MUN     25.99 310 eP    27 41.00   0.6
WEL     26.23  81 P     27 41.00  -1.5
                   S    32 14.00
BAL     26.90 313 eP    27 4B.00  -0.8
WARB    27.22 334 eP    27 51.00  -0.8
ASPA    28.26 349 iPc   27 59.80  -1.4
        0.8s    87.20nm          5.6mb
      Z  22s    22.60um          5.7Msz
                   eS    32 51.20
MRWA    28.40 313 eP    28 02.00  -0.4
QIS     31.04   0 iPc   28 24.50  -1.5
        1.0s   111.00nm          5.7mb
                   e    32 39.00
WB2     31.89 351 eP    28 31.90  -1.6
        1.1s   160.10nm          5.9mb
WRA     31.89 351 P     28 32.20  -1.3
        0.9s    76.60nm          5.6mb
DZM     36.20  46 iPc   29 11.90   1.2
KNA     36.81 343 eP    29 15.10  -0.7
MTN     39.28 347 eP    29 36.00  -0.5
        0.7s   116.00nm          5.7mb
PMG     42.60  11 eP    30 04.00   0.3
WSI     44.68 333 ePc   30 24.20   3.5X
                   e    34 15.00
LAT     45.30  11 eP    30 26.20   0.6
NVL     52.26 199 ePc   31 13.50  -5.3X
        1.4s    40.00nm          5.2mb
                   e    31 17.00
                   e    31 19.00
                   e    31 34.00
                   e    31 48.00
                   ePP  33 19.00
                   e    33 42.00
                   ePPP 34 00.00
                   e    34 50.00
                   e    35 38.00
                   eS   38 38.00
                   e    38 59.00
                   e    39 48.00
PCI     53.19 335 ePc   31 26.30  -0.1
        0.9s     5.00nm          4.5mb X
                   e    33 57.00
CRZF    54.31 238 iPc   31 38.00   3.7X
                   ePP  33 46.00
                   iS   39 26.00
                   eSS  43 10.00
MNI     54.32 342 ePc   31 38.00   3.3X
IPM     64.86 317 ePc   32 46.80  -0.6
GUMO    65.14   6 e(P)  32 48.10  -1.0
SNG     67.37 318 eP    33 02.00  -1.4
                   eS   42 05.00
PMO     67.65  86 eP    33 11.00   5.8X
        1.1s    45.00nm          5.6mb
TPT     67.84  86 eP    33 12.00   5.6X
        1.1s    45.00nm          5.6mb
QIZ     74.98 331 P     33 54.00   5.0X
      N  19s     7.78um
KHT     75.06 319 eP    33 49.70   0.2
NST     75.25 321 eP    33 55.00   4.4X
HKC     76.90 336 P     34 00.00   0.3
BDT     77.12 321 eP    34 00.00  -1.1
CHG     78.57 321 eP    34 09.00  -0.1
        1.5s   138.89nm          5.8mb
                   eS   44 10.00
CHTO    78.57 321 eP    34 08.60  -0.5
        1.7s   150.15nm          5.8mb
GYA     82.93 331 P     34 33.00   0.9
      Z  26s     9.71um          6.1MszX
                   S    44 58.00
KMI     82.95 327 Pc    34 33.00   0.6
        1.6s   240.00nm          6.1mb
      Z  22s     9.50um          6.1Msz
      N  19s     2.90um
      E  19s     5.00um
                   S    44 58.00
SSE     83.94 344 P     34 36.50  -0.5
        1.4s    46.00nm          5.5mb
      Z  20s     2.80um          5.6Msz
      N  14s     2.10um
                   S    45 02.00
WHN     84.76 338 Pd    34 41.50   0.4
      Z  28s     5.97um          5.8MszX
      E  20s     4.10um
                   S    45 10.00
NJ2     85.28 343 Pc    34 41.00  -2.7
      N  10s     1.60um
      E  10s     2.25um
                   S    45 09.00
HYB     86.73 303 eP    34 51.80   0.5
                   eS   45 16.00
SHL     87.46 318 eP    34 54.00  -0.8
        1.3s   182.69nm          6.2mb
                   eS   45 23.00
MAT     87.83 359 eP    34 57.00   0.9
        1.5s    58.33nm          5.7mb
                   eS   45 42.00
XAN     89.43 335 eP    35 05.00   1.1
      N  16s     1.98um
      E  20s     5.50um
                   pP   35 13.00  25kmX
                   PP   38 43.00
                   SKS  45 34.00
                   S    46 00.00
                   sS   46 11.00
TIA     89.65 342 eP    35 05.80   1.0
        1.6s    69.00nm          5.6mb
      Z  20s     4.50um          5.9Msz
      N  19s     4.00um
      E  19s     3.40um
                   SKS  45 39.00
POO     90.15 300 P     35 05.50  -2.1
RFA     90.53 157 iPc   35 05.20  -4.2X
CACH    90.62 155 eP    35 05.00  -4.9X
LSA     91.42 320 iPc   35 15.10   1.4
PEL     91.52 155 eP    35 08.50  -5.4X
PKI     92.01 314 P     35 16.00  -0.3
        1.1s    56.00nm          5.8mb
GUN     92.09 315 P     35 16.00  -0.7
DMN     92.18 314 P     35 17.00   0.0
```

	1.3s	128.00nm				6.1mb
KKN	92.25	314	P	35	17.20	-0.1
	1.3s	141.00nm				6.2mb
GKN	92.73	314	P	35	19.20	-0.2
	0.8s	38.00nm				5.9mb
LZH	92.76	332	eP	35	21.00	1.7
	1.5s	100.00nm				6.0mb
	Z 32s	10.60um				6.1MszX
	N 16s	3.74um				
			SKS	45	53.00	
BJI	93.54	342	eP	35	22.00	-0.6
	1.0s	7.00nm				5.0mb
	Z 23s	5.66um				6.0MszX
	N 19s	4.21um				
			eSKS	46	00.00	
			eS	46	36.00	
RTCB	93.58	156	iPc	35	28.80	5.3X
SNY	94.11	348	eP	35	24.30	-0.9
	1.4s	28.00nm				5.4mb
	Z 30s	3.41um				5.6MszX
			S	46	34.00	
HHC	95.27	339	eP	35	30.80	0.1
CN2	95.84	350	eP	35	34.00	0.9
	0.8s	8.00nm				5.3mb
	Z 20s	6.96um				6.1Msz
	N 18s	2.71um				
	E 18s	1.96um				
			eSKS	46	05.00	
			eS	46	53.00	
MDJ	96.26	353	eP	35	36.80	1.8
GTA	97.05	330	eP	35	39.80	1.0
	1.0s	11.00nm				5.4mb
WMO	105.09	324	Pdiff	36	16.50	1.7X
	Z 30s	4.86um				5.9MszX
	N 15s	1.27um				
			PP	40	40.00	
BCAO	112.26	248	ePKPd	40	44.50	0.9
	0.6s	4.00nm				
			i	41	28.20	
MSL	121.12	290	ePKP	40	47.00	-12.9X
			e	42	31.00	
SVW	123.77	32	PKP	41	02.70	-1.6
ORV	124.91	69	PKP	41	04.40	-2.7X
SLKM	125.18	35	PKP	41	04.50	-2.5X
BONR	125.73	72	PKP	41	08.40	-0.8
KIC	126.01	226	PKP	41	09.20	-0.8
PMR	126.32	34	PKP	41	07.00	-2.2X
TNP	126.46	73	PKP	41	09.30	-1.2
KVN	126.57	71	PKP	41	09.70	-1.0
KLU	127.40	36	PKP	41	10.30	-1.1
RND	127.64	33	PKP	41	10.30	-1.5
IMA	127.92	28	PKP	41	11.20	-1.1
FBA	128.97	32	PKP	41	11.90	-2.2X
DUG	130.44	73	PKP	41	17.50	-0.4
ALQ	130.94	83	ePKP	41	18.00	-1.1
SRU	131.13	76	PKP	41	18.70	-0.6
HVU	131.44	72	PKP	41	21.00	1.2
PNT	132.00	60	ePKP	41	23.00	2.6X
HPI	132.41	70	PKP	41	23.80	2.1
LRM	134.01	68	ePKP	41	25.00	0.3
INK	135.59	32	ePKP	41	22.00	-4.6X
MEO	135.73	89	iPKPd	41	32.50	4.5X
OBN	136.01	306	ePKP	41	25.00	-2.8X
	1.3s	26.00nm				
OBN	136.01	306	ePKP	41	40.00	12.2X
	1.5s	35.00nm				
	Z 24s	7.30um				6.3MszX
	N 22s	3.90um				
	E 22s	4.90um				
			ePP	44	14.00	
			ePKS	45	08.00	
			iSKSP	54	30.00	
			ePPS	57	04.00	
			eSS	02	14.00	
			eSSS	11	32.00	
MLR	136.93	289	ePKP	41	24.00	-6.0X
SES	137.26	63	ePKP	41	23.00	-7.4X
SKO	137.65	282	ePKP	41	35.00	3.6X
YKA	140.58	45	ePKP	41	29.60	-6.4X
	1.2s	2.60nm				
MBC	142.05	22	ePKP	41	33.00	-5.3X
	1.0s	12.00nm				
LST	142.36	94	PKP	41	36.40	-3.6X
SRO	142.63	288	e(PKP)	41	35.50	-4.6X
FVM	142.84	92	PKP	41	40.80	0.0
ELC	143.15	93	PKP	41	34.70	-6.6X
ZST	143.52	288	e(PKP)	41	39.20	-2.4X
KAF	143.64	313	ePKP	41	37.30	-4.0X
	1.2s	144.30nm				
NUR	143.98	310	ePKP	41	38.00	-3.9X
	1.3s	83.50nm				
VKA	144.02	288	e(PKP)	41	39.00	-3.5
FFC	144.12	60	ePKP	41	37.00	-5.4X
	0.9s	18.00nm				
SFI	144.60	279	PKP	41	40.10	-3.4X
KEV	144.68	326	iPKP	41	40.70	-2.2X
	1.1s	96.00nm				
FIR	144.89	278	ePKP	41	42.50	-1.5
KSP	145.15	292	ePKP	41	36.60	-7.7X
	1.0s	62.00nm				
			i	41	43.40	
GBTN	145.22	100	PKP	41	41.20	-3.7X
KMR	145.23	286	iPKP-	41	43.60	-0.9
KBA	145.25	284	iPKPc	41	41.80	-3.0X
	1.0s	58.10nm				
			i	41	48.00	
PRM	145.28	104	PKP	41	41.70	-3.3X
PII	145.31	277	PKP	41	43.40	-1.3
FVI	145.36	283	PKP	41	41.90	-2.8X
BDI	145.44	278	PKP	41	43.60	-1.5
TKL	145.48	100	PKP	41	42.50	-2.8X
PGF	145.63	275	ePKP	41	42.30	-3.2X
	1.3s	129.95nm				
HBF	145.6B	107	PKP	41	43.80	-1.9X
CTI	145.79	282	PKP	41	44.50	-1.2
PRU	145.82	289	ePKP	41	45.00	-0.4
	1.5s	66.40nm				
			e	41	51.50	
			e	42	16.00	
BHG	145.83	285	iPKPd	41	45.10	-0.5
	1.2s	97.00nm				
KHC	146.03	288	ePKP	41	43.00	-2.9X
			e	41	49.00	
			e	42	17.00	
JSC	146.08	105	PKP	41	44.30	-2.1X
SAL	146.26	280	PKP	41	46.80	0.5
WET	146.45	287	ePKP	41	46.70	0.1
	1.2s	127.00nm				
LHS	146.49	105	PKP	41	45.40	-1.6
BOB	146.51	278	PKP	41	46.40	-0.4
OGA	146.56	283	iPKPc	41	47.30	0.3
	1.1s	80.00nm				
SQTA	146.61	283	iPKPc	41	46.10	-0.9
			i	41	59.20	
			i	42	10.00	
MDI	146.85	280	PKP	41	47.60	0.4
PCP	146.96	277	PKP	41	47.51	0.0
FUR	146.99	285	ePKP	41	48.10	0.7
FIN	147.00	277	PKP	41	46.17	-1.4
OSS	147.01	282	ePKPd	41	47.50	-0.2
IMI	147.04	276	PKP	41	47.40	-0.3
CKI	147.06	277	PKP	41	49.90	2.3
UPP	147.23	308	iPKP	41	49.00	1.6
	1.1s	100.00nm				
CLL	147.25	291	iPKP	41	48.40	0.7
	1.7s	71.00nm				
			i	42	00.00	
ROB	147.25	276	PKP	41	47.51	-0.5
SBF	147.30	276	ePKP	41	47.10	-1.0
	1.4s	95.85nm				
BSD	147.45	298	iPKP	41	50.30	2.4X
	1.0s	74.00nm				
			i	42	01.60	
VAI	147.47	280	PKP	41	47.00	-1.2
ENR	147.49	276	PKP	41	46.89	-1.6
STV	147.56	276	PKP	41	48.33	-0.2
LMR	147.60	274	ePKP	41	48.20	-0.3
	1.1s	26.85nm				
FRF	147.63	274	ePKP	41	48.30	-0.3
	1.2s	65.45nm				
GRF	147.67	287	ePKP	41	49.30	0.8
			e	42	01.50	
			e	42	08.20	
LRG	147.75	274	ePKP	41	48.80	0.1
	1.3s	65.00nm				
LLS	147.80	281	ePKPd	41	50.40	1.4
MOX	147.81	289	iPKPc	41	50.30	1.7
	1.4s	36.00nm				
PZZ	147.83	276	PKP	41	47.71	-1.3
ORO	147.84	279	PKP	41	51.00	2.0
ORX	147.84	279	PKP	41	47.20	-1.8X
ESEL	147.86	266	ePKP	41	50.85	1.8
TIO	147.92	243	iPKP	41	51.00	1.4
			i	42	03.00	
			i	42	10.00	
MMK	148.05	279	ePKPd	41	51.60	2.1
RSP	148.05	277	PKP	41	53.66	4.3X
RRL	148.23	277	PKP	41	52.22	2.4X
CDR	148.24	274	ePKPd	41	52.30	2.8X
LSD	148.26	278	PKP	41	49.56	-0.3
BNI	148.37	277	PKP	41	57.50	7.6X
ZLA	148.44	282	ePKPd	41	51.20	1.4
CEH	148.48	105	PKP	41	51.00	0.8
SLE	148.50	283	ePKPd	41	52.10	2.2
LPG	148.53	278	ePKP	41	50.60	0.2
	1.2s	38.70nm				
BLA	148.54	102	PKP	41	51.50	1.2
LPL	148.55	278	ePKP	41	50.60	0.3
	1.1s	51.30nm				
IFR	148.63	249	iPKP	41	55.50	4.8X
			i	41	56.50	
EMS	148.69	279	ePKPd	41	53.10	2.6X
FEL	148.84	283	PKP	41	51.18	0.6
BBS	148.97	282	PKP	41	52.49	1.8
LOMF	149.34	281	PKP	41	53.73	2.5X
MOF	149.37	282	PKP	41	54.73	3.4X
ECH	149.50	283	PKP	41	53.81	2.4
CDF	149.51	283	PKP	41	53.89	2.4X
BSF	149.57	282	ePKP	41	52.40	0.8
	1.2s	53.55nm				
AVE	149.78	246	iPKP	41	58.00	5.8X
			i	42	16.50	
SSB	149.80	276	PKP	41	55.26	3.3X
HAU	149.91	282	ePKP	41	53.40	1.4
	1.1s	73.25nm				
EBR	149.96	265	ePKP	41	57.00	4.7X
EGUA	149.99	255	ePKP	41	56.14	3.7X
VITF	150.22	282	PKP	41	55.81	3.4X
CVL	150.23	102	PKP	41	55.60	2.8X
ECOG	150.28	256	ePKP	41	57.56	4.5X
MAL	150.43	254	ePKP	42	03.00	9.9X
COLF	150.43	276	PKP	41	54.96	2.0
CLE	150.44	94	iPKP	41	56.50	3.5X
EVIA	150.51	259	ePKP	41	57.04	3.7X
WLF	150.69	285	PKP	41	57.00	4.0X
SMF	150.86	278	ePKP	41	55.70	2.2
	1.1s	36.65nm				
LBF	150.93	279	ePKP	41	56.10	2.5X
MUD	150.93	299	ePKP	41	59.00	5.8X
	1.1s	36.00nm				
EBAN	150.99	257	ePKP	41	57.43	3.5X
EPRU	151.08	253	ePKP	41	58.63	4.5X
MEM	151.12	287	iPKPc	41	59.75	6.1X
LOR	151.12	279	ePKP	41	56.50	2.6X
	1.1s	24.40nm				
DLA	151.16	91	PKP	41	57.60	3.6X
CAF	151.16	274	ePKP	41	56.90	2.9X
	1.1s	35.40nm				
ENN	151.22	287	ePKP	41	58.50	4.7X
	0.9s	28.00nm				
AVF	151.23	278	ePKP	41	56.50	2.5X
	1.1s	24.40nm				
SSF	151.25	278	ePKP	41	56.80	2.8X
	1.1s	61.05nm				
EPF	151.28	269	ePKP	41	56.90	2.6X
	1.1s	23.20nm				
WIT	151.43	291	ePKP	42	02.00	8.0X
BGF	151.44	277	ePKP	41	57.70	3.4X
	1.2s	98.20nm				
MAF	151.46	276	ePKP	41	57.50	3.1X
	1.1s	20.75nm				
ELF	151.50	91	PKP	41	58.35	3.8X
ETOR	151.54	263	ePKP	41	59.01	4.2X
LPO	151.59	272	ePKP	41	58.10	3.5X
	1.1s	46.40nm				
EHOR	151.65	255	ePKP	41	59.75	4.8X
BTH	151.67	269	PKPd	42	01.00	6.2X
			i	42	09.00	
			sP	42	12.50	
			i	42	17.00	
RJF	151.69	274	ePKP	41	58.10	3.3X
	1.1s	39.05nm				
TCF	151.71	276	ePKP	41	58.20	3.4X
	1.2s	31.25nm				
DOU	151.78	285	PKP	42	00.00	5.3X
LFF	151.99	273	ePKP	41	58.80	3.6X
	1.2s	26.80nm				
LSF	152.11	276	ePKP	41	58.70	3.3X
	1.2s	38.70nm				
SNF	152.12	286	iPKP	42	01.71	6.5X
UCC	152.17	286	PKP	42	03.00	7.8X

02d 00h

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TYNO  152.35  92 PKP   42 00.78   5.0X
EVAL  152.39 253 ePKP  42 02.11   6.1X
ACTO  152.49  91 PKP   42 01.20   5.2X
GUD   152.73 261 ePKP  42 02.42   5.9X
MFF   153.31 275 ePKP  42 01.50   4.5X
       1.1s    22.00nm
DAG   153.43 349 iPKPc 42 04.20   7.9X
       1.1s    30.38nm
LDF   154.11 279 ePKP  42 02.90   4.9X
       0.9s     8.20nm
FLN   154.39 279 ePKP  42 03.70   5.3X
       1.1s    19.55nm
LPF   154.46 278 ePKP  42 03.80   5.3X
       1.1s    22.00nm
GRR   154.48 278 ePKP  42 04.60   6.1X
       1.1s    12.20nm
     S.D. = 1.2  on 129 of 239 obs.
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   FEB  02, 1992  00h 31m 30.94± 0.18s
   51.547 S ± 5.1km  139.704 E ± 4.9km
   DEPTH =  10.0km  (geophysicist)
   5.6mb ( 37 obs.)  6.3Msz ( 20 obs.)
 SOUTH OF AUSTRALIA                (437)
      Mo=1.3*10**19 Nm (PPT).
      CENTROID, MOMENT TENSOR     (HRV)
      Data Used: GDSN
      L.P.B.: 29S, 73C  M.W.: 25S, 52C
      Centroid Location:
      Origin Time        00:31:35.4 0.2
      Lat 51.93S 0.02 Lon 139.50E 0.03
      Dep  15.0 FIX Half-duration  4.2
      Moment Tensor;   Scale 10**18 Nm
        Mrr=-0.35 0.04  Mtt= 0.30 0.04
        Mff= 0.05 0.04  Mrt=-0.15 0.19
        Mrf=-0.05 0.17  Mtf=-3.10 0.03
       Principal Axes:
        T  Val=  3.28  Plg= 1  Azm=224
        N       -0.35      87      115
        P       -2.93       3      314
      Best Double Couple:Mo=3.1*10**18
       NP1:Strike=359 Dip=87 Slip=  -1
       NP2:        89     89     -177

TOO    14.56  19 iPc   35 00.00   1.2
ADE    16.59 357 ePc   35 25.00  -0.1
       0.9s   873.95nm          5.9mb
BCZ    19.28  84 P     35 58.70   0.3
RIV    19.56  30 iPd   36 03.50   1.8
                iS     40 00.00
STK    19.70   5 iPc   36 07.80   4.6X
       0.8s    41.90nm          4.8mb
                eS     39 56.60
MSZ    19.97  81 eP    36 06.40   0.5
CMS    20.55  15 iPc   36 12.30   0.3
       0.9s    75.00nm          5.0mb
CSY    20.80 214 eP    36 18.30   4.0X
       1.4s   226.70nm          5.3mb
BWZ    21.26  83 P     36 18.50  -0.7
ODZ    21.48  85 P     36 20.50  -1.0
EWZ    22.38  81 P     36 30.20  -0.3
FORR   22.39 333 eP    36 31.00   0.3
       0.5s    70.00nm          5.4mb
ARMA   22.89  27 iPc   36 37.80   2.1
       1.0s   357.00nm          5.8mb
RKG    23.57 307 eP    36 42.00  -0.2
DSZ    23.94  78 P     36 44.50  -1.3
THZ    24.61  80 P     36 51.70  -0.6
COOL   24.79 319 eP    36 53.00  -1.1
       1.0s   274.00nm          5.9mb
OLP    25.17  10 iPc   36 59.20   1.5
       1.0s   538.00nm          6.2mb
                i      37 06.00
                i      37 17.40
KLB    25.65 313 eP    37 00.50  -1.7
WEL    26.03  81 P     37 05.00  -0.6
                e      37 12.50
                S      41 36.00
MUN    26.06 310 eP    37 04.00  -2.0
MNG    26.86  80 eP    37 12.50  -0.8
BAL    26.96 312 eP    37 12.00  -2.4
WARB   27.21 334 iPd   37 15.10  -1.5
       0.7s    51.00nm          5.3mb
ASPA   28.19 349 eP    37 24.80  -0.8
       1.1s   113.80nm          5.6mb
     Z  23s    35.20um          5.9MszX
                eS     42 13.70
MRWA   28.46 312 eP    37 26.00  -2.0
URZ    29.29  78 eP    37 32.80  -2.5
KUZ    29.43  74 P     37 36.10  -0.4
QIS    30.93 360 iPc   37 49.40  -0.6
WB2    31.82 350 iPd   37 57.00  -0.8
       0.9s   254.50nm          6.1mb
WRA    31.82 350 P     37 56.80  -1.0
       1.0s    56.10nm          5.4mb
MBL    34.06 325 eP    38 15.60  -1.7
DZM    35.99  45 iPd   38 34.00   0.1
KNA    36.77 342 eP    38 39.50  -0.8
MTN    39.22 347 eP    39 00.50  -0.4
       0.6s   237.00nm          6.0mb
PMG    42.45  11 eP    39 28.00   0.5
WSI    44.67 332 ePc   39 46.70   1.2
                e      45 27.30
LAT    45.16  10 eP    39 50.20   0.8
KHKI   47.40 327 ePd   40 09.50   2.4
                e      46 25.00
KEDI   47.56 327 iPd   40 04.80  -3.7X
       0.8s    34.00nm          5.5mb
SRDI   47.80 325 iPd   40 09.20  -1.2
       1.5s    38.00nm          5.3mb
RAB    48.33  17 e(P)  40 14.00  -0.4
MENI   48.87   1 iPd   40 17.00  -1.6
NINI   49.83 334 iPd   40 28.40   2.2
TANI   50.87 333 iPc   40 33.20  -0.7
       1.5s    35.00nm          5.1mb
PACI   52.37 317 iPd   40 45.30  -0.1
       1.7s    25.00nm          4.9mb
NVL    52.42 199 ePc+  40 39.00  -6.0X
       1.4s   277.00nm          6.0mb
                e      40 47.50
                e      41 02.00
                e      41 12.00
                e      41 15.50
                e      41 27.00
                ePcP   41 40.50
                ePP    42 34.00
                ePPP   43 26.00
                e      44 20.00
                e      44 59.00
                e      47 52.00
                eS     48 06.00
PASI   52.85 316 iPd   40 50.00   1.1
       1.2s    30.00nm          5.1mb
PCI    53.17 335 ePd   40 52.70   1.5
       1.0s     7.40nm          4.6mb X
                e      45 03.00
PENI   54.04 316 iPc   40 58.00   0.5
       1.2s    16.00nm          4.9mb
MNI    54.28 342 ePc   41 00.00   0.7
       1.0s     4.00nm          4.4mb X
TSM    58.67 334 ePc   41 30.90   0.2
TBI    60.25  91 iP    41 42.70   1.1
       1.2s   135.00nm          6.0mb
KKM    60.80 333 ePc   41 47.00   1.6
KGM    61.63 318 eP    41 50.00  -1.0
AIA    62.08 169 eP    41 52.30  -1.2
KLM    63.32 316 eP    42 02.00  -0.2
AEKI   63.85 313 iPc   42 03.50  -2.4
       1.2s    39.00nm          5.5mb
TVO    64.51  87 iP    42 17.70   7.5X
       1.2s   270.00nm          6.3mb
PPN    64.59  86 iP    42 17.80   7.2X
       1.2s   150.00nm          6.1mb
SIBI   64.83 313 iPc   42 14.40   1.9
       1.2s    15.00nm          5.1mb
IPM    64.91 317 ePd   42 10.90  -1.8
       0.9s    67.40nm          5.8mb
GUA    64.97   6 eP    41 54.80 -18.1X
     Z  18s     6.60um          5.9Msz
GUMO   65.01   6 eP    41 55.00 -18.2X
     Z  25s    11.20um          6.0MszX
                e      42 12.10
                eS     49 05.00
SNG    67.42 317 eP    42 27.60  -1.0
       1.1s   237.97nm          6.3mb
                eS     51 29.00
VAH    67.44  86 iP    42 35.80   6.9X
       1.2s    95.00nm          5.9mb
PMO    67.46  86 iP    42 36.20   7.3X
       1.2s    10.00nm          4.9mb
RUV    67.63  86 iP    42 37.00   6.9X
       1.2s   115.00nm          5.9mb
TPT    67.64  86 iP    42 37.20   7.1X
       1.2s   100.00nm          5.9mb
KHT    75.11 319 iPd   43 14.60  -0.1
NST    75.29 321 eP    43 20.50   4.8X
BDT    77.16 320 eP    43 25.80  -0.4
ANP    78.06 343 eP    43 30.00  -1.2
CHG    78.60 321 ePc   43 33.50  -0.7
       1.1s    12.03nm          4.9mb
CHTO   78.60 321 eP    43 33.70  -0.5
       1.7s   281.25nm          6.0mb
BLF    80.79 234 eP    43 49.00   2.8
KMI    82.96 327 eP    43 58.00   0.6
       1.5s   730.00nm          6.6mb X
     Z  22s    16.20um          6.4Msz
     N  20s     5.50um
     E  20s     7.90um
                pP     44 05.50  24kmX
                S      54 24.00
SSE    83.88 344 Pd    44 01.20  -0.5
       1.0s    22.00nm          5.3mb
     Z  20s     5.80um          6.0Msz
     N  18s     2.70um
     E  20s     1.90um
                e      44 09.00
                PP     47 18.00
                S      54 02.00
                SKS    54 24.00
IIDJ   86.67 359 P     44 16.60   1.1
TSRJ   86.77 357 P     44 20.40   4.5X
BUL    86.77 241 iPc   44 14.00  -2.8X
                ipP    44 22.90  28kmX
                iPP    49 51.20
HYB    86.83 303 eP    44 15.30  -1.4
       1.0s    70.00nm          5.8mb
                e      44 21.60
                eS     54 44.00
SHL    87.51 318 iPc   44 19.00  -1.0
       1.3s   192.31nm          6.2mb
                eS     55 06.00
MAT    87.73 359 eP    44 21.00   0.5
       1.3s    51.92nm          5.7mb
     Z  22s     5.19um          5.9Msz
                eS     55 08.00
NIIJ   88.41 359 P     44 31.70   7.9X
KRI    88.89 244 iPd   44 20.60  -6.4X
                ipP    44 26.00  17kmX
                i      44 43.00
POO    90.25 300 iPc   44 29.30  -3.7X
                iS     55 28.00
RFA    90.56 157 iP    44 32.00  -2.5
LNV    90.58 155 eP    44 33.00  -1.4
CACH   90.64 155 eP    44 32.00  -2.9X
CHCH   90.80 155 eP    44 35.00  -0.5
PCH    91.13 155 eP    44 35.00  -2.1
SAN    91.25 155 eP    44 36.50  -1.1
PEL    91.54 155 ePc   44 38.00  -1.0
PKI    92.07 314 P     44 40.40  -1.1
GUN    92.15 314 P     44 41.60  -0.3
DMN    92.24 314 P     44 41.40  -0.8
KKN    92.31 314 P     44 41.60  -0.9
GKN    92.79 313 P     44 43.60  -1.0
RTCB   93.60 156 iPd   44 46.20  -2.3
CFA    93.63 156 ePd   44 48.50  -0.1
NDI    96.86 308 eP    45 04.00   1.0
QUE   103.33 302 ePdiff45 31.00  -1.4
SMY   107.86  21 PKP   50 00.00   1.0
     Z  20s    16.00um          6.6Msz
ZOBO  108.22 152 ePdiff46 06.00  11.0X
                LR     22 42.00
SHI   110.95 291 ePKP  50 08.00   2.1
MAIO  112.00 301 ePKP  50 07.00  -0.6
BCAO  112.47 247 iPKPd 50 11.00   2.0
       0.9s    18.00nm
                i      50 52.30
BHD   118.36 289 ePdiff46 43.00   4.1X
                e      50 25.50
MSL   121.25 290 ePKP  50 21.00  -4.1X
ABL   122.89  74 PKP   50 36.10   7.5X
PDB   123.09  33 ePKP  50 24.11  -3.7X
PDB   123.09  33 PKP   50 29.00   1.1
MWC   123.16  75 ePKP  50 16.00 -13.1X
PKEM  123.18  72 PKP   50 36.10   7.3X
ANM   123.33  25 e(PKP)50 26.80  -1.4
RVR   123.41  76 ePKP  50 33.00   3.7X
PEC   123.47  76 ePKP  50 30.10   0.6
SVW   123.58  32 ePKPd 50 26.90  -2.0X
SBB   123.62  75 ePKP  50 38.00   8.2X
HLW   123.90 277 ePKP  50 29.00  -1.4
                e      59 41.00
RSO   124.07  34 ePKPd 50 27.70  -2.4X
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TPC   124.30  77 ePKP  50 31.00  -0.2
CMB   124.34  70 ePKP  50 32.30   1.2
ORV   124.70  68 ePKP  50 28.60  -3.1X
TTA   124.79  30 PKP   50 35.50   4.3X
SLKM  124.99  35 ePKP  50 29.20  -2.4X
BONR  125.52  72 ePKP  50 32.30  -1.5
LBFM  125.64  66 ePKP  50 29.20  -4.6X
PMR   126.13  34 PKP   50 33.60  -0.1
      Z  22s    10.22um          6.5Msz
KIC   126.22 226 PKP   50 33.68  -1.7
LIC   126.23 225 PKP   50 33.40  -2.0X
TNP   126.25  72 PKP   50 33.30  -1.8
KVN   126.36  71 PKP   50 36.80   1.6
KLU   127.20  35 PKP   50 36.50   0.6
RND   127.45  33 PKP   50 33.60  -2.8X
IMA   127.74  28 PKP   50 37.40   0.5
BALM  128.23  37 PKP   50 40.00   2.0
SHW   128.51  62 PKP   50 38.60  -0.4
SIT   128.63  44 PKP   50 40.00   1.4
      Z  20s    10.00um          6.5Msz
FBA   128.78  31 PKP   50 35.70  -3.0X
VGB   128.90  63 e(PKP)50 36.21  -3.4X
VGB   128.90  63 PKP   50 42.80   3.2X
MSU   129.55  75 ePKP  50 30.17 -11.2X
MSU   129.55  75 PKP   50 40.10  -1.3
DUG   130.23  73 ePKP  50 41.35  -1.1
ALQ   130.74  83 ePKP  50 41.00  -2.7X
      Z  20s     6.91um          6.4Msz
                e      50 49.00
ANMO  130.75  83 PKP   50 46.30   2.6X
      Z  19s     5.21um          6.3Msz
SRU   130.92  76 PKP   50 41.30  -2.6X
DAU   131.29  74 ePKP  50 45.99   1.3
DPW   131.73  62 e(PKP)50 39.73  -5.2X
DPW   131.73  62 PKP   50 46.90   1.9
PNT   131.78  60 ePKP  50 48.00   3.0X
       0.7s     6.00nm
PTI   132.13  71 e(PKP)50 46.96   0.9
HPI   132.20  69 ePKP  50 46.63   0.3
LRM   133.80  67 ePKP  50 48.60  -0.6
GLD   134.55  78 PKP   51 10.00  19.3X
      Z  18s     5.52um          6.3Msz
INK   135.40  32 ePKP  50 43.00  -8.2X
       0.8s    33.00nm
MEO   135.54  89 e(PKP)50 53.20   0.6
CFR   135.60 290 ePKP  50 55.00   2.8X
OBN   136.10 306 ePKP  50 51.00  -1.9
                i      50 55.00
                i      51 18.00
                i      53 44.00
                i      53 55.00
ACO   136.42  86 e(PKP)50 52.50  -1.7
ISR   136.52 289 ePKP  50 57.00   2.9X
VAY   136.74 282 ePKP  50 55.40   0.8
VRI   136.81 290 ePKPd 50 45.00  -9.6X
SES   137.05  62 ePKP  50 42.00 -13.0X
MLR   137.07 289 ePKP  50 53.00  -2.3X
CVO   137.11 290 ePKP  50 50.00  -5.2X
SKO   137.81 282 iPKP  50 57.00   0.4
      Z  21s     4.68um          6.2Msz
      E  21s     3.26um
                i      51 05.00
                i      51 18.70
                i      51 23.00
                i      51 35.20
                i      52 41.00
                iSKS   01 16.00
                iSKKKS03 26.00
                iPS    05 56.00
                i      11 12.00
                iSS    12 18.00
                LR     48 54.00
BZS   139.70 287 ePKPc 50 57.50  -2.4X
BEO   139.98 285 ePKP  51 00.50   0.1
YKA   140.37  44 ePKP  50 50.80  -9.8X
       1.1s     3.20nm
MBC   141.88  22 ePKP  50 57.50  -5.4X
       1.0s    24.00nm
PSZ   141.88 289 e(PKP)51 06.00   2.1
UZD   142.02 286 e(PKP)51 02.00  -2.0X
LST   142.18  94 ePKP  50 59.58  -5.0X
BUD   142.19 288 e(PKP)51 03.00  -1.3
GRT   142.21  94 ePKP  50 59.27  -5.4X
PWLA  142.22  97 ePKP  50 59.38  -5.4X
SPC   142.27 291 e(PKP)50 59.00  -5.7X
SRO   142.77 288 ePKP  51 01.00  -4.2X
                i      51 11.70
ELC   142.97  93 ePKP  51 02.60  -3.3X
PTJ   143.26 284 e(PKP)51 05.00  -1.3
VBY   143.48 283 ePKP  51 07.00   0.4
ZST   143.67 288 i(PKP)51 07.70   0.9
KAF   143.70 313 iPKP  51 01.50  -4.9X
       0.7s    37.60nm
FFC   143.91  60 ePKP  51 02.00  -5.0X
       0.8s    20.00nm
NUR   144.06 310 ePKP  51 02.00  -5.0X
       1.1s    79.20nm
CEY   144.11 283 e(PKP)51 09.30   1.6
VKA   144.17 288 e(PKP)51 06.00  -1.7
       3.0s   381.00nm
                i      51 10.00
LJU   144.19 283 e(PKP)51 09.50   1.7
                e(SKS)58 32.00
VOY   144.57 283 ePKP  51 07.60  -0.9
                e      51 11.00
                e      51 40.20
KEV   144.70 326 iPKP  51 04.50  -3.4X
       1.1s   160.70nm
SFI   144.77 279 PKP   51 08.80   0.1
GBTN  145.05 100 ePKP  51 06.08  -3.5X
FIR   145.06 278 ePKP  51 08.00  -1.3
PRM   145.13 103 ePKP  51 06.62  -3.1X
KSP   145.29 292 iPKPd 51 07.00  -2.5X
       0.8s   110.00nm
                i      51 10.00
                i      51 25.70
                e      54 37.30
TKL   145.32 100 ePKPd 51 06.44  -3.6X
KMR   145.38 286 iPKP- 51 09.80   0.1
KBA   145.41 284 iPKPc 51 06.20  -3.8X
       0.8s   107.00nm
                i      51 09.80
                i      51 33.70
VVI   145.45 282 PKP   51 10.90   1.0
PII   145.48 277 PKP   51 09.10  -0.9
FVI   145.52 283 PKP   51 07.80  -2.2X
HBF   145.53 107 ePKP  51 10.11  -0.3
BDI   145.61 278 PKP   51 09.30  -1.1
PGF   145.81 275 ePKP  51 07.10  -3.7X
JSC   145.93 104 ePKP  51 09.50  -1.6
CTI   145.95 282 PKP   51 09.70  -1.2
PRU   145.96 289 ePKP  51 09.20  -1.4
       2.8s   719.60nm
      Z  24s     6.50um          6.3MszX
                e      51 10.50
                i      51 27.10
                PP     54 35.50
                SKS    58 14.00
                eSS    13 30.00
BHG   145.98 285 ePKP  51 11.10   0.3
       1.3s   189.00nm
GEC2  145.98 287 PKP   51 07.30  -3.6X
       0.7s    29.57nm
KTK1  145.98 325 ePKP  51 08.22  -1.9
ABA   146.14 261 iPKP  51 15.00   3.6X
KHC   146.18 288 ePKP  51 09.00  -2.1X
       2.0s   430.00nm
      Z  20s     4.00um          6.2Msz
                e      51 27.50
                e      53 43.00
                PP     54 38.00
                eSS    13 30.00
LHS   146.34 104 ePKP  51 09.52  -2.2X
SAL   146.43 280 PKP   51 13.30   1.8
WET   146.60 287 ePKP  51 11.00  -0.7
      Z  21s     5.00um          6.3Msz
BOB   146.68 278 PKP   51 14.10   2.0
OGA   146.72 283 iPKPd 51 12.20   0.0
SOTA  146.77 283 iPKPc 51 10.70  -1.5
                i      51 14.50
                i      51 29.40
MDI   147.01 280 PKP   51 12.70   0.3
PCP   147.13 277 PKP   51 13.27   0.5
FUR   147.14 285 ePKP  51 11.20  -1.4
      Z  22s     7.00um          6.4Msz
FIN   147.17 277 PKP   51 13.47   0.7
KBS   147.17 344 iPKPc 51 17.50   5.7X
IMI   147.21 276 PKP   51 14.09   1.1
CKI   147.23 277 PKP   51 13.30   0.4
NKC   147.30 289 ePKP  51 31.60  18.9X
UPP   147.32 308 iPKP  51 15.00   2.6X
       1.3s   400.00nm
CLL   147.38 291 ePKP  51 13.00   0.2
       1.5s    63.00nm
      Z  20s     3.00um          6.1Msz
                i      51 22.30
                i      51 31.10
ROB   147.42 276 PKP   51 11.73  -1.5
REVF  147.45 275 PKP   51 13.25   0.0
SAOF  147.46 276 PKP   51 14.81   1.5
SBF   147.47 275 PKP   51 14.07   0.7
VDL   147.49 281 ePKPd 51 15.90   2.4X
TRO   147.51 326 ePKP  51 18.50   6.0X
AUTN  147.54 276 PKP   51 15.42   1.7
AURF  147.55 275 PKP   51 15.29   1.8
BSD   147.56 298 iPKP  51 14.30   1.3
       0.7s   140.00nm
VAI   147.63 280 PKP   51 14.60   1.2
HOF   147.67 289 ePKP  51 14.30   0.9
MVIF  147.67 275 PKP   51 15.79   2.0
TOUF  147.67 276 PKP   51 15.79   2.0
ENR   147.67 276 PKP   51 14.39   0.7
STV   147.73 276 PKP   51 14.50   0.7
CALN  147.76 275 PKP   51 16.25   2.3X
LMR   147.78 274 ePKP  51 12.90  -0.8
       0.9s    49.15nm
FRF   147.81 274 ePKP  51 13.20  -0.6
       0.9s   114.65nm
LRG   147.93 274 ePKP  51 13.70  -0.3
       1.1s    90.35nm
MQX   147.95 289 ePKP  51 16.20   2.4X
       1.3s    55.00nm
      Z  21s     6.30um          6.4Msz
      N  22s     5.10um
      E  22s     1.60um
ORO   148.00 279 PKP   51 18.00   3.8X
PZZ   148.00 276 PKP   51 17.88   3.6X
ORX   148.01 279 PKP   51 14.39   0.2
ESEL  148.05 266 ePKP  51 18.38   4.1X
BHB   148.07 277 PKP   51 15.52   1.3
TIO   148.14 243 iPKP  51 16.00   1.1
                i      52 03.40
MMK   148.21 279 ePKPd 51 17.70   3.0X
RSP   148.22 277 PKP   51 17.88   3.3X
CEH   148.33 104 PKP   51 15.60   0.7
BLA   148.38 101 ePKP  51 16.78   1.8
RRL   148.40 277 PKP   51 18.70   3.7X
CDR   148.41 274 ePKPc 51 17.50   2.7X
LSD   148.43 278 PKP   51 17.68   2.6X
BNI   148.54 277 PKP   51 22.60   7.5X
DIX   148.57 279 ePKPd 51 18.10   2.8X
ZLA   148.60 282 ePKPd 51 17.80   2.8X
AIT   148.61 245 ePKP  51 20.00   4.6X
                i      51 23.00
SLE   148.66 283 ePKPd 51 17.50   2.4X
LPG   148.70 278 ePKP  51 15.30  -0.3
       0.9s    76.80nm
LPL   148.72 278 ePKP  51 15.40  -0.1
IFR   148.84 248 iPKP  51 20.50   4.5X
                i      51 24.00
EMS   148.86 279 ePKPd 51 17.60   1.9
FEL   149.00 283 PKP   51 18.28   2.5X
COP   149.08 299 ePKP  51 20.50   5.1X
       0.8s    32.84nm
                i      51 29.00
BBS   149.13 282 PKP   51 18.62   2.8X
MOR7  149.21 320 ePKP  51 16.84   1.5
LIBD  149.36 283 PKP   51 19.77   3.7X
LOMF  149.50 281 PKP   51 18.36   1.9
ETER  149.51 270 ePKP  51 21.49   5.0X
MOF   149.53 282 PKP   51 19.77   3.3X
LOF   149.57 323 ePKP  51 17.93   2.2X
ECH   149.66 283 PKP   51 20.16   3.6X
CDF   149.67 283 PKP   51 19.96   3.3X
BSF   149.73 282 ePKP  51 17.10   0.3
       0.9s    80.25nm
SSB   149.97 276 PKP   51 21.04   3.9X
AVE   149.99 245 ePKP  51 22.00   4.5X
                i      51 42.50
CVL   150.07 102 PKP   51 22.30   4.8X
HAU   150.07 282 ePKP  51 18.20   1.0
       1.1s   133.55nm
EBR   150.16 265 ePKP  51 24.00   6.5X
EGUA  150.20 255 ePKP  51 21.65   3.9X
EROO  150.21 265 ePKP  51 23.43   5.8X
MCWV  150.25  98 PKP   51 24.80   7.1X
CLE   150.26  93 iPKP  51 21.30   3.6X
VITF  150.38 282 PKP   51 20.60   2.9X
NSS   150.40 316 ePKP  51 20.27   3.1X
ECOG  150.49 256 ePKP  51 23.27   5.0X
COLF  150.61 276 PKP   51 20.24   2.1
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02d 00h

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MAL    150.64 254 iPKPc 51 26.00    7.7X
BNS    150.69 288 ePKPd 51 23.70    5.7X
     Z  20s      8.30um          6.5Msz
EVIA   150.71 259 ePKP  51 23.02    4.4X
WLF    150.84 285 PKP   51 21.00    2.8X
DLA    150.98  91 PKP   51 22.00    3.3X
SMF    151.03 278 ePKP  51 20.50    1.8
MUD    151.04 299 ePKP  51 25.30    7.0X
        1.0s     34.00nm
RGS    151.09 313 ePKP  51 26.00    7.8X
LBF    151.09 279 ePKP  51 20.80    2.0
EBAN   151.19 257 ePKP  51 22.60    3.4X
WTS    151.24 290 ePKP  51 22.00    3.3X
        0.9s     74.00nm
MEM    151.27 287 iPKPd 51 24.91    6.1X
EPRU   151.29 253 ePKP  51 24.67    5.3X
LOR    151.29 279 ePKP  51 21.20    2.1X
        0.7s     34.45nm
KONO   151.30 306 ePKP  51 26.00    7.4X
ELF    151.31  91 PKP   51 22.80    3.6X
CAF    151.34 274 ePKP  51 21.70    2.5X
        1.2s    113.05nm
AVF    151.40 278 ePKP  51 21.20    2.0
        0.9s     42.60nm
SSF    151.42 278 ePKP  51 21.60    2.4X
EGRA   151.43 267 ePKP  51 24.41    5.1X
EPF    151.47 269 ePKP  51 21.70    2.2X
        1.0s     70.00nm
BGF    151.61 277 ePKP  51 22.30    2.8X
MAF    151.63 276 ePKP  51 22.20    2.6X
        0.8s     22.85nm
ETOR   151.74 263 ePKP  51 25.79    5.7X
LPO    151.77 272 ePKP  51 22.70    2.9X
        0.9s     85.15nm
BTH    151.86 269 PKP   51 26.00    6.0X
                  i     51 30.00
                  i     51 33.00
BTH    151.86 269 iPKPd 51 37.60   17.6X
                  e     52 24.50
                  ePP   55 10.00
                  e(sPP)55 27.50
                  e     56 04.00
                  e     58 04.00
                  ePPP  00 46.00
EHOR   151.86 255 ePKP  51 25.29    5.1X
RJF    151.86 274 ePKP  51 22.80    2.8X
        0.9s     67.15nm
     Z  20s     12.25um          6.7Msz
TCF    151.88 276 ePKP  51 23.00    3.0X
        1.2s     65.45nm
DOU    151.94 285 PKP   51 24.10    4.2X
TYNO   152.16  92 PKP   51 25.65    5.2X
LFF    152.17 273 ePKP  51 23.60    3.2X
        0.9s     39.30nm
SNF    152.27 286 iPKPc 51 28.04    7.7X
LSF    152.29 276 ePKP  51 23.60    3.0X
        0.8s     37.60nm
ACTO   152.31  91 PKP   51 26.20    5.5X
UCC    152.32 286 PKPc  51 25.50    5.1X
TOL    152.42 259 ePKP  51 28.50    7.5X
                  ePP   55 18.00
MOL    152.42 312 ePKP  51 28.94    8.8X
EVAL   152.60 253 ePKP  51 25.47    4.2X
STCO   152.66  92 PKP   51 27.15    6.0X
GUD    152.93 261 ePKP  51 25.45    3.7X
ECRI   153.02 266 ePKP  51 30.75    9.0X
DAG    153.36 349 iPKP  51 21.00   -0.1
        0.9s     29.41nm
     Z  20s      6.81um          6.5Msz
     N  21s      2.72um
MFF    153.48 275 ePKP  51 29.10    6.9X
        0.9s     31.10nm
WLVO   153.51  92 PKP   51 30.73    8.4X
LVNJ   154.06 101 PKP   51 21.60   -1.6
LDF    154.27 279 ePKP  51 30.70    7.5X
        1.1s     39.05nm
FLN    154.56 280 ePKP  51 31.30    7.8X
        1.2s     41.65nm
     Z  18s     10.50um          6.7Msz
LPF    154.63 278 ePKP  51 31.40    7.8X
        1.2s     35.70nm
GRR    154.65 279 ePKP  51 31.40    7.7X
        0.9s     16.40nm
PTO    155.95 257 ePKP  51 41.80   16.1X
     S.D. = 1.3  on 184 of 350 obs.
-----------------------------------------
   FEB  02, 1992  01h 06m 32.56± 0.63s
   47.189 N ± 4.9km    6.816 E ± 6.0km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                              (538)
      ML 2.4 (LDG), 2.0 (STR).

LOMF     0.16   3 Pg     06 36.93    0.6
                 Sg     06 41.33
BSF      0.64 359 Pg     06 45.70    0.2
                 Sg     06 56.30
                 Sn     06 58.00
MOF      0.70  18 Pg     06 47.15    0.8
HAU      0.88 339 Pg     06 49.30   -0.1
ECH      1.05  13 Pg     06 52.37   -0.1
                 Sg     07 08.17
FEL      1.06  49 ePg    06 52.66    0.0
VITF     1.17 332 Pn     06 53.83   -0.6
CDF      1.26  14 Pn     06 55.11   -1.0
                 Pg     06 56.66
                 Sg     07 15.28
LPL      1.67 182 Pg     07 02.10   -0.2
LBF      1.95 265 Pn     07 01.30   -4.8X
                 Pg     07 05.50
                 Sg     07 28.20
LOR      2.02 273 Pg     07 06.90   -0.1
                 Sg     07 30.50
SMF      2.11 256 Pg     07 08.20   -0.2
SSF      2.26 268 Pg     07 11.30    0.7
BGF      2.80 258 Pg     07 21.40    3.2X
     S.D. = 0.6  on  12 of  14 obs.
-----------------------------------------
%  FEB  02, 1992  02h 08m 13.71± 1.21s
   11.307 N ± 7.3km   61.569 W ±12.7km
   DEPTH =   5.0km  (geophysicist)
 WINDWARD ISLANDS                    ( 95)
      MD 2.8 (TRN).

TCE      0.63 197 eP     08 25.67   -0.7
                 eS     08 34.12
TRN      0.68 166 eP     08 26.45   -0.8
                 eS     08 35.52
TPR      0.79  99 eP     08 29.26   -0.2
                 eS     08 42.04
TBH      0.96 149 eP     08 32.41    0.0
                 eS     08 44.40
TPP      0.99 173 eP     08 34.63    1.7
                 eS     08 47.11
SVB      1.98   9 eP     08 48.21    0.0
                 eS     09 14.29
     S.D. = 1.1  on   6 of   6 obs.
-----------------------------------------
*  FEB  02, 1992  02h 25m 14.56± 0.77s
   20.120 S ± 7.6km  177.684 W ±12.2km
   DEPTH = 497.9 ±  8.7 km
   4.1mb ( 14 obs.)
 FIJI ISLANDS REGION                 (181)

VUN      4.21 299 eP     26 35.20   -0.1
KUZ     17.54 198 eP     28 52.50    2.3
PUZ     18.23 190 eP     28 58.70    1.7
URZ     18.63 193 eP     29 00.30   -0.5
NOZ     18.80 190 eP     29 04.00    1.5
RUZ     19.88 196 eP     29 12.90    0.1
MNG     21.25 194 eP     29 23.40   -2.2
         0.4s     22.00nm          5.1mb
THZ     23.01 198 eP     29 41.50   -0.2
DSZ     23.33 200 eP     29 43.70   -0.9
KHZ     23.43 197 eP     29 44.50   -0.9
LTZ     24.13 198 P      29 49.80   -2.0
                 e      29 52.10
EWZ     25.22 200 eP     30 00.20   -1.3
ARMA    29.50 244 iPd    30 40.00    0.7
         0.6s      7.00nm          4.4mb
CMS     34.60 243 eP     31 22.70    0.4
         0.8s      9.00nm          4.3mb
TOO     36.36 233 iPd    31 38.00    1.1
         0.7s     17.00nm          4.7mb
STK     38.22 244 iPc    31 56.90    4.7X
         0.7s      2.90nm          3.9mb
ASPA    44.90 256 iPd    32 45.60   -0.1
         1.3s      5.40nm          3.9mb
WB2     44.93 262 iPd    32 45.30   -0.7
         0.5s      4.00nm          4.2mb
WRA     44.95 262 P      32 45.50   -0.6
         0.5s      1.60nm          3.8mb
SPA     70.00 180 iPd    35 37.80    0.9
         0.8s      7.50nm          4.3mb
MAT     70.08 323 eP     35 36.00   -1.5

TNP     81.05  44 eP     36 39.00    0.7
         0.9s      1.95nm          3.6mb
ANMO    86.94  51 eP     37 07.90    0.5
         1.0s      5.50nm          4.2mb
BW06    88.49  43 iP     37 14.80    0.3
         1.0s      1.75nm          3.8mb
CHG     90.39 290 eP     37 25.00    1.5
CHTO    90.39 290 iP     37 25.00    1.5
         0.9s      5.75nm          4.5mb
SES     91.39  36 eP     37 28.00    0.6
INK     93.83  15 eP     37 37.50   -0.7
YKA     96.04  25 eP     37 47.00   -1.3
         1.0s      0.80nm          3.9mb
MBC    102.35  12 ePdiff38 36.00   19.6X
DMN    105.21 294 PKP    42 42.00    0.0
GKN    105.71 294 PKP    42 45.00    2.2X
HFS    139.21 351 ePKP   43 34.50  -10.8X
         0.4s      2.10nm
EKA    144.60   5 PKP    43 54.00   -0.8
         0.7s      8.80nm
VRI    147.41 328 ePKP   44 03.00    3.3X
KSP    147.41 343 iPKPd  44 03.00    3.4X
                 i      44 06.60
SPC    147.64 338 ePKP   44 03.80    3.6X
CLL    147.76 347 iPKPd  44 03.40    3.3X
         0.9s     32.00nm
                 i      44 07.20
ISR    148.01 327 ePKPd  44 06.00    5.2X
MLR    148.06 328 ePKPc  44 05.00    4.0X
PRU    148.65 345 PKP    44 06.20    4.7X
         0.8s     10.90nm
                 e      44 11.70
MOX    148.66 349 iPKP   44 06.30    4.8X
         1.4s     20.00nm
HOF    148.93 348 iPKPc  44 07.00    5.0X
UCC    149.34 357 PKPc   44 07.30    4.8X
MEM    149.44 355 iPKPc  44 08.11    5.5X
SRO    149.48 339 ePKP   44 07.90    5.1X
ZST    149.55 340 ePKP   44 07.90    5.0X
SNF    149.63 358 iPKPc  44 08.61    5.6X
                 i      44 15.10
GRF    149.65 349 iPKPd  44 09.00    5.9X
                 e      44 15.80
KHC    149.68 345 PKP    44 08.50    5.3X
                 e      44 16.00
VKA    149.73 341 ePKP   44 08.50    5.3X
GEC2   149.91 345 e(PKP)44 07.70    4.1X
         0.8s     12.10nm
DOU    150.03 357 PKPc   44 09.50    5.9X
                 e      44 16.60
WLF    150.36 355 PKPc   44 11.00    6.9X
FUR    151.10 348 ePKP   44 11.90    6.6X
                 i      44 21.70
FLN    151.34   4 ePKP   44 11.80    6.2X
         0.8s     17.45nm
CDF    151.49 353 ePKP   44 12.60    6.6X
         0.7s      7.70nm
LDF    151.53   3 ePKP   44 12.20    6.3X
         0.7s      6.60nm
KBA    151.64 344 ePKP   44 12.00    5.6X
         0.7s      8.80nm
                 i      44 25.10
GRR    151.68   4 ePKP   44 12.70    6.6X
         0.7s     13.25nm
HAU    151.99 354 ePKP   44 13.50    6.9X
         0.7s      5.50nm
LPF    152.02   5 ePKP   44 13.50    6.9X
         0.7s     18.75nm
BSF    152.12 354 ePKP   44 13.80    6.9X
         0.7s      5.50nm
LOR    152.89 358 ePKP   44 15.80    7.9X
         0.7s      4.40nm
SSF    153.11 358 ePKP   44 16.30    8.1X
         0.9s      6.55nm
LBF    153.17 357 ePKP   44 16.20    7.9X
         0.7s      3.30nm
MFF    153.51   4 ePKP   44 16.80    8.1X
BGF    153.63 359 ePKP   44 17.30    8.4X
TCF    153.90   0 ePKP   44 17.80    8.5X
LSF    153.93   1 ePKP   44 17.60    8.3X
         0.7s      2.20nm
MAF    153.97 360 ePKP   44 18.40    9.0X
LPL    154.41 353 ePKP   44 19.90    9.6X
LPG    154.43 353 ePKP   44 19.90    9.5X
     S.D. = 1.2  on  30 of  73 obs.
-----------------------------------------
   FEB  02, 1992  02h 32m 01.94± 0.58s
```

5.346 S ± 7.4km 146.947 E ± 5.7km
DEPTH = 200.0 ± 5.0 km
5.1mb (9 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)

```
MDG     1.17 275 iPc    32 32.60  -0.5
YYYY    1.32 228 eP     32 36.70   2.1
                 eS     33 01.80
MNDI    3.37 256 eP     32 58.50   1.8
                 eS     33 46.00
PMG     4.04 177 iPd    33 03.90  -0.9
                 eS     33 48.00
RAB     5.33  78 eP     33 22.00   0.7
OIS    16.72 205 iPd    35 45.80  -0.6
        0.5s    46.00nm          5.2mb
                 eS     38 48.00
MTN    17.30 243 eP     35 51.60  -1.3
        0.4s    85.00nm          5.5mb
WB2    18.99 219 iPc    36 10.40  -0.4
        0.6s   364.40nm          6.1mb X
                 eS     39 34.40
WRA    19.00 219 P      36 01.20  -9.6X
        0.8s     0.40nm          3.0mb X
KNA    20.63 239 eP     36 27.10  -0.1
OLP    21.28 187 eP     36 34.80   1.2
                 i      36 45.80
ASPA   22.13 213 iPd    36 43.50   1.6
        0.5s   184.30nm          5.9mb
                 eS     40 32.20
DZM    25.15 133 iPc    37 09.10  -1.5
ARMA   25.33 171 iPc    37 12.30   0.1
        0.8s    19.00nm          4.8mb
STK    26.87 190 ePKP   37 29.30   3.2X
        0.6s     1.00nm          3.7mb X
                 e      37 40.60
WARB   28.39 221 iPd    37 40.30   0.4
        0.6s    22.00nm          5.1mb
MBL    30.63 237 eP     37 59.00  -0.6
FORR   30.95 213 eP     38 01.50  -0.7
        0.4s    18.00nm          5.2mb
BFD    31.93 187 iPc    38 14.00   3.2X
COOL   35.12 221 iPd    38 37.70  -0.5
        0.4s    13.00nm          4.9mb
MRWA   37.68 227 eP     39 00.00   0.3
KLB    37.81 223 eP     39 00.10  -0.6
        0.4s    18.00nm          5.1mb
BAL    37.95 225 eP     39 01.00  -0.9
RKG    40.15 220 eP     39 20.30   0.3
URZ    42.71 144 eP     39 40.80   0.0
HBZ    42.98 143 eP     39 44.10   1.1
PUZ    43.26 143 eP     39 45.40   0.1
MNG    43.46 148 P      39 46.80   0.0
PGZ    43.88 147 P      39 49.80  -0.4
CHG    53.03 298 eP     40 27.70 -33.1X
CHTO   53.03 298 e(P)   41 00.90   0.1
        1.0s     1.95nm          3.7mb X
GUN    67.47 303 P      42 39.00   0.0
        0.5s     8.00nm          4.7mb
PKI    67.75 303 P      42 40.00  -0.7
KKN    67.93 303 P      42 41.20  -0.5
SIV   145.09 128 iPKPc  51 18.00   0.0
      S.D. = 0.9  on  31 of  35 obs.
```

• FEB 02, 1992 03h 00m 09.04± 0.64s
51.424 S ±12.2km 138.217 E ±24.1km
DEPTH = 10.0km (geophysicist)
4.5mb (4 obs.)
SOUTH OF AUSTRALIA (437)

```
TOO    14.78  23 e(P)   03 38.00  -1.8
                 i      03 45.20
STK    19.68   9 eP     04 45.90   4.8X
        1.2s     1.70nm          3.2mb X
CMS    20.70  19 eP     04 53.70   2.0
ASPA   27.91 352 iPc    06 01.10   0.0
        1.1s     8.80nm          4.5mb
WB2    31.56 353 iPc    06 33.70   0.0
        0.8s    16.80nm          5.0mb
WRA    31.56 353 P      06 34.00   0.3
        1.0s     8.30nm          4.6mb
CHG    77.93 322 eP     12 10.00   1.4
CHTO   77.93 322 eP     12 09.80   1.2
        1.0s     3.00nm          4.3mb
PKI    91.32 315 P      13 15.20  -1.0
GUN    91.40 316 P      13 16.40  -0.2
DMN    91.49 315 P      13 16.20  -0.7
KKN    91.56 315 P      13 16.20  -1.0
GKN    92.03 315 P      13 18.40  -0.8
CLL   146.47 292 e(PKP)19 52.00   2.5X
FRF   146.87 276 ePKP   19 47.80  -2.6X
        0.7s     9.90nm
LRG   146.99 275 ePKP   19 48.30  -2.3X
LPG   147.77 279 ePKP   19 50.20  -2.0
        0.7s     2.20nm
LPL   147.79 279 ePKP   19 50.10  -2.0
        0.7s     3.30nm
BSF   148.79 283 ePKP   19 52.00  -1.5
HAU   149.14 283 ePKP   19 53.10  -0.8
NB2   149.83 309 PKP    19 54.80   0.2
        0.9s     5.30nm
SMF   150.09 279 ePKP   19 55.20  -0.2
        0.7s     3.30nm
LBF   150.16 280 ePKP   19 55.80   0.3
        0.7s     8.25nm
LOR   150.35 280 ePKP   19 56.20   0.4
        0.7s     3.30nm
CAF   150.41 275 ePKP   19 56.50   0.6
        0.7s     3.30nm
AVF   150.46 279 ePKP   19 56.00   0.1
SSF   150.48 280 ePKP   19 56.60   0.7
        0.7s     4.40nm
EPF   150.54 270 ePKP   19 56.40   0.2
        0.7s     2.75nm
BGF   150.67 278 ePKP   19 57.10   0.9
        0.7s     5.50nm
MAF   150.69 277 ePKP   19 56.90   0.6
LPO   150.84 274 ePKP   19 57.50   1.0
RJF   150.93 275 ePKP   19 57.60   0.9
LSF   151.35 277 ePKP   19 58.40   1.1
      S.D. = 1.1  on  29 of  33 obs.
```

FEB 02, 1992 03h 33m 36.57± 0.54s
6.665 N ± 8.4km 72.875 W ± 7.7km
DEPTH = 173.7 ± 10.0 km
3.8mb (2 obs.)
NORTHERN COLOMBIA (99)

```
BMG     0.45 334 iPc    34 18.00  16.0X
FUQ     1.47 216 eP     34 06.00  -2.4
BOG     2.35 210 eP     34 19.00   1.1
                 iS     34 50.00
SDV     3.13  45 iPnd   34 28.20   1.0
                 iSn    35 06.00
TOV     4.35  44 ePn    34 43.30   0.6
                 iSn    35 31.70
CEOS    5.08  62 iP     34 52.40   0.2
CAR     7.01  57 iP     35 18.00   0.1
PSO     7.02 219 eP     35 19.50   1.3
LLAV    7.09  57 iP     35 18.80  -0.2
GUAN    7.86  65 iP     35 28.20  -1.0
YHJ    11.70 343 eP     36 18.96  -0.5
PCJ    11.78 340 ePd    36 20.55   0.2
STH    11.98 342 ePd    36 22.55  -0.4
BBJ    12.41 340 iPd    36 29.38   0.8
                 S      38 30.20
TNP    50.84 315 eP     42 22.10   0.3
        1.0s     0.75nm          3.3mb
YKA    63.49 340 eP     43 49.00  -1.0
        0.5s     2.60nm          4.4mb
INK    73.26 340 eP     44 50.00   0.0
WB2   150.46 241 iPKPc  53 11.00   6.8X
        0.3s     2.80nm
WRA   150.47 241 PKP    53 11.20   7.0X
        0.4s     0.70nm
      S.D. = 1.0  on  16 of  19 obs.
```

FEB 02, 1992 04h 49m 28.96± 1.29s
44.960 N ± 5.8km 141.551 E ± 4.7km
DEPTH = 224.9 ± 12.9 km
4.5mb (48 obs.)
HOKKAIDO, JAPAN REGION (224)

```
MAT     8.78 198 eP     51 34.00   0.8
        0.8s    46.27nm          4.7mb
                 (S)    52 59.00
YAK    18.43 342 iPc    53 28.00  -1.6
        1.0s    81.00nm          5.2mb
                 e      56 42.00
SVW    39.37  43 P      56 40.50   2.8
        1.0s     4.00nm          3.9mb
IMA    39.97  35 eP     56 43.00   0.4
SLKM   42.07  43 P      56 59.00  -0.8
RND    42.25  39 P      57 00.40  -0.8
PMR    42.41  42 eP     57 02.50   0.1
FBA    42.50  37 eP     57 03.00  -0.2
CHTO   43.89 248 e(P)   57 15.00   0.2
        1.0s     1.50nm          3.4mb X
KLU    43.93  41 P      57 14.90   0.0
BALM   45.72  41 P      57 29.30   0.3
GUN    46.98 268 P      57 40.80   1.2
INK    47.38  30 ePc    57 41.10  -0.6
        0.5s    13.00nm          4.6mb
PKI    47.52 268 P      57 44.80   1.1
GKN    47.81 269 P      57 46.20   0.5
MBC    48.94  18 eP     57 53.00  -0.6
        0.5s     2.00nm          3.8mb
YKA    56.99  33 eP     58 52.00  -0.8
        0.7s    12.40nm          4.7mb
KAF    61.37 331 iP     59 20.70  -2.0
        0.4s     2.90nm          4.3mb
PNT    62.54  47 ePc    59 30.00  -0.7
        0.8s    11.00nm          4.7mb
NUR    63.06 330 iP     59 32.00  -1.9
        0.5s    11.20nm          4.9mb
DPW    64.17  47 P      59 41.50   0.1
NEW    64.49  47 P      59 43.00  -0.4
        1.0s    12.50nm          4.6mb
WB2    64.92 187 iPc    59 44.20  -2.0
        0.7s     7.60nm          4.6mb
WRA    64.92 187 P      59 44.50  -1.7
        0.6s     4.90nm          4.5mb
SES    66.10  42 ePc    59 53.50  -0.1
HFS    66.95 335 eP     59 56.80  -1.9
        0.4s     9.30nm          4.9mb
NB2    66.95 336 P      59 57.20  -1.6
        0.6s     7.20nm          4.6mb
ORV    67.65  56 P      00 03.10  -0.4
LRM    68.50  46 eP     00 09.10   0.2
ASPA   68.65 188 iPd    00 08.60  -1.0
        0.6s    12.90nm          4.8mb
KVN    69.97  55 P      00 18.50   0.6
TNP    71.13  55 P      00 24.60  -0.3
        0.8s     7.80nm          4.5mb
WARB   72.10 194 eP     00 30.10  -0.1
BW06   72.11  47 P      00 30.80   0.2
        1.0s    13.33nm          4.6mb
SPC    73.18 324 eP     00 37.80   1.2
KSP    73.46 327 iPc    00 37.80  -0.1
MSU    73.70  52 P      00 41.00   1.1
RSSD   73.91  43 P      00 41.00   0.0
        1.0s     9.49nm          4.5mb
SRU    74.19  50 P      00 42.40  -0.3
CLL    74.31 329 iPc    00 42.50  -0.3
        0.9s    49.00nm          5.2mb
PRU    74.81 328 P      00 46.00   0.3
        0.8s    12.40nm          4.7mb
SRO    75.05 324 iP     00 48.00   0.9
ZST    75.25 325 e(P)   00 48.80   0.6
MOX    75.35 330 iP     00 48.50  -0.3
        1.3s    17.00nm          4.6mb
HOF    75.53 329 iPd    00 50.00   0.2
EKA    75.71 340 Pd     00 50.70   0.0
        0.5s     7.00nm          4.6mb
KHC    75.87 328 P      00 52.00   0.2
GEC2   76.06 327 ePc    00 52.00  -0.9
        0.5s     1.63nm          4.0mb
WET    76.13 328 eP     00 53.50   0.3
        1.0s    23.00nm          4.9mb
GRF    76.28 329 iPc    00 54.60   0.6
        0.9s    33.00nm          5.1mb
KBA    77.65 327 iPd    01 02.30   0.5
        1.0s     8.90nm          4.4mb
CDF    78.76 331 eP     01 07.60  -0.1
        0.8s     6.70nm          4.4mb
BSF    79.43 331 eP     01 10.60  -0.7
HAU    79.43 331 eP     01 10.80  -0.4
ALQ    79.45  51 eP     01 12.20   0.4
        1.0s     4.50nm          4.2mb
LOR    80.90 332 iPc    01 18.80  -0.1
        0.8s     9.40nm          4.6mb
FLN    80.93 336 eP     01 18.50  -0.5
        0.7s     5.50nm          4.4mb
LDF    80.98 335 eP     01 18.70  -0.5
        0.5s     2.90nm          4.3mb
LBF    81.11 332 iPc    01 19.70  -0.4
        0.7s     6.05nm          4.4mb
SSF    81.20 332 iPc    01 20.20  -0.3
        0.7s     3.85nm          4.2mb
GRR    81.38 336 eP     01 21.10  -0.2
        0.5s     4.35nm          4.4mb
LPL    81.44 330 iPc    01 22.40   0.4
```

```
        0.6s      5.85nm          4.5mb
LPG     81.45 330 iPc    01 22.50   0.4
        0.5s      5.10nm          4.5mb
SMF     81.46 332 iPc    01 21.70  -0.1
        0.9s      9.85nm          4.5mb
AVF     81.49 332 iPc    01 21.90   0.0
        0.8s      8.05nm          4.5mb
LPF     81.75 336 eP     01 23.30   0.0
        0.5s      3.65nm          4.4mb
BGF     81.86 333 eP     01 23.90   0.0
        0.6s      2.70nm          4.2mb
MAF     82.25 333 iPc    01 26.50   0.6
        0.6s      7.65nm          4.6mb
TCF     82.31 333 iPc    01 26.40   0.2
        0.6s      3.15nm          4.2mb
LSF     82.56 333 iPc    01 27.40  -0.1
        0.7s      6.60nm          4.5mb
MFF     82.77 334 eP     01 28.80   0.2
        0.5s      3.65nm          4.4mb
RJF     83.40 333 eP     01 32.20   0.4
CAF     83.56 332 iPc    01 33.30   0.7
        0.8s      9.40nm          4.6mb
LFF     83.98 333 eP     01 35.60   0.9
        0.8s      8.05nm          4.6mb
LPO     84.06 333 eP     01 35.90   0.8
SIO     84.13  44 e(P)   01 35.90   0.3
LNO     84.25  43 ePc    01 36.50   0.4
TUL     84.25  43 ePc    01 36.70   0.5
        0.6s      7.10nm          4.6mb
RLO     84.42  43 ePc    01 37.40   0.3
VVO     84.73  44 ePc    01 39.20   0.6
LESF    85.50 332 P      01 43.25   0.9
GRBF    85.58 332 P      01 43.14   0.3
EPF     85.81 333 eP     01 43.90   0.0
        0.7s      2.75nm          4.2mb
ENSF    86.02 332 P      01 46.39   1.4
SIV    145.40  41 iPKPc  08 42.00   0.4
     S.D. = 0.8  on  85 of  85 obs.
-----------------------------------------
*  FEB  02, 1992  05h 53m 05.98± 1.70s
    0.010 N ±16.6km  124.437 E ±13.8km
   DEPTH =  86.0 ± 16.9 km
   4.4mb (  5 obs.)
 MINAHASSA PENINSULA, SULAWESI    (265)

PCI      4.69 259 iPc    54 15.90   0.1
                  iS     54 36.50
                  e      00 18.20
AAI      5.25 134 eP     54 23.60   0.0
                  eS     55 22.00
WB2     22.08 154 eP     57 54.50  -0.8
        0.5s     10.10nm          4.5mb
                  i      58 15.70
QIS     25.26 145 iPc    58 26.50   0.6
        0.3s     13.00nm          4.9mb
                  i      58 46.60
ASPA    25.27 159 iPc    58 26.00   0.1
        1.1s      6.60nm          4.0mb
CHG     31.23 308 eP     59 19.00  -0.7
CHTO    31.23 308 iP     59 19.10  -0.6
        0.8s      5.31nm          4.3mb
STK     35.63 154 iPc    00 02.30   4.8X
        0.8s      3.70nm          4.4mb
GUN     46.20 310 P      01 25.20   0.5
PKI     46.39 309 P      01 26.40   0.2
GKN     47.20 310 P      01 32.80   0.4
     S.D. = 0.6  on  10 of  11 obs.
-----------------------------------------
?  FEB  02, 1992  06h 09m 51.53± 5.95s
    15.496 N ±10.4km   60.060 W ±56.2km
   DEPTH =  33.0km  (normal)
 LEEWARD ISLANDS                   ( 92)
      ML 3.0 (FDF).

CRM      1.11 228 eP     10 10.40  -0.4
MVM      1.24 221 eP     10 12.60   0.0
DEG      1.26 310 eP     10 13.00   0.0
                  S      10 28.50
MGG      1.28 289 eP     10 12.80  -0.4
FDF      1.30 234 eP     10 13.79   0.3
                  S      10 28.20
BIM      1.38 225 eP     10 14.71   0.0
PAG      1.65 289 eP     10 18.90   0.3
                  S      10 38.00
     S.D. = 0.3  on   7 of   7 obs.
-----------------------------------------
*  FEB  02, 1992  06h 48m 34.71± 0.92s
    18.981 N ± 9.7km   67.281 W ±11.9km
   DEPTH =  33.0km  (normal)
   3.0mb (  1 obs.)
 MONA PASSAGE                      ( 89)

APR      0.74 135 P      48 49.00   0.3
MEP      0.88 161 P      48 50.80   0.1
MGP      0.99 169 P      48 52.00  -0.2
PORP     1.11 146 P      48 53.60  -0.3
CLLP     1.12 143 P      48 54.40   0.3
SJG      1.38 129 iP     48 58.00   0.1
LPR      1.50 116 P      48 59.30  -0.3
CPD      1.60 126 P      49 01.00  -0.1
YKA     54.26 335 eP     57 59.50   0.0
        0.6s      0.10nm          3.0mb
     S.D. = 0.3  on   9 of   9 obs.
-----------------------------------------
&  FEB  02, 1992  07h 43m 14.90s
   38.803 N          122.803 W
   DEPTH =   4.0km
 NORTHERN CALIFORNIA               ( 36)
      <BRK>. ML 3.2 (BRK).

NWRM     0.35 191 eP     43 22.05   0.1
ZSP      0.96 153 iPc    43 33.34  -0.3
                  eS     43 48.62
BKS      1.03 154 iPc    43 34.33  -0.5
                  iS     43 49.06
ORV      1.26  53 iPc    43 37.90  -1.0
PCC      1.34 166 eP     43 38.79  -1.4
                  eS     43 57.58
LTCM     1.50  20 eP     43 41.74  -0.8
MHC      1.72 148 ePc    43 45.15  -0.8
                  eS     44 12.45
ARN      1.76 145 eP     43 44.74  -1.7
WDC      1.79   6 eP     43 48.18   1.4
MIN      1.80  31 eP     43 46.58  -0.5
CMB      2.05 111 iPc    43 49.40  -1.2
FHC      2.19 336 iPc    44 00.49   7.8
SAO      2.30 152 eP     43 51.78  -2.5
PRS      2.72 155 ePd    43 57.63  -2.5
FRI      3.04 125 eP     44 04.37  -0.3
PKEM     3.48 141 P      44 14.20   3.3
BONR     3.64 102 P      44 12.90  -0.6
KVN      3.68  85 P      44 12.70  -1.2
TNP      4.44  98 P      44 23.70  -1.1
MSU      8.32  89 P      45 17.60  -1.9
        20 obs. associated
-----------------------------------------
&  FEB  02, 1992  07h 50m 14.80s
   38.817 N          122.802 W
   DEPTH =   2.0km
 NORTHERN CALIFORNIA               ( 36)
      <BRK>. ML 3.3 (BRK). Felt (IV)
      at Cobb.

NWRM     0.37 191 eP     50 22.52   0.4
                  eS     50 28.86
ZSP      0.97 154 iPd    50 33.90  -0.1
                  eS     50 49.60
BKS      1.04 154 iPc    50 34.83  -0.3
                  iS     50 50.32
ORV      1.25  54 iPc    50 36.92  -1.9
PCC      1.36 166 iPc    50 39.76  -0.8
LTCM     1.49  20 eP     50 41.41  -1.1
MHC      1.73 148 ePd    50 45.60  -0.7
WDC      1.77   6 eP     50 47.09   0.4
ARN      1.77 145 eP     50 45.33  -1.4
MIN      1.78  31 iPd    50 46.20  -0.8
GCC      1.89 160 iPc    50 46.05  -2.4
FOX      1.93 332 iPc    50 55.36   6.4
CMB      2.05 112 iPc    50 49.81  -1.0
FHC      2.18 336 eP     51 03.61  11.0
SAO      2.31 152 eP     50 52.21  -2.3
LBFM     2.62  15 eP     51 00.59   1.5
LLA      2.65 146 eP     50 57.82  -1.4
PRS      2.73 155 iPc    50 58.84  -1.6
FRI      3.05 126 iPd    51 04.54  -0.4
PRI      3.17 147 ePd    51 06.89   0.2
PHAM     3.54 146 P      51 08.80  -3.1
BONR     3.64 102 P      51 12.90  -0.7
KVN      3.67  85 P      51 09.90  -4.2
TNP      4.44  98 P      51 24.00  -1.0
SSK      6.17 137 P      51 47.10  -2.2
PEC      6.70 135 P      51 54.20  -2.5
MSU      8.32  89 P      52 18.70  -0.9
        27 obs. associated
-----------------------------------------
*  FEB  02, 1992  07h 54m 36.02± 0.95s
    45.425 N ±20.6km  151.705 E ±14.2km
   DEPTH =  33.0km  (normal)
   3.8mb (  3 obs.)
 KURIL ISLANDS                     (221)

KUSJ     5.54 248 P      55 54.10  -4.1X
                  eS     56 55.60
ASAJ     6.58 262 P      56 13.50   0.5
INK     43.30  32 eP     02 37.00   1.3
YKA     52.57  36 eP     03 48.00  -0.1
        1.1s      1.00nm          3.7mb
GUN     54.14 275 P      04 01.40   0.9
KKN     54.63 275 P      04 04.40   0.4
PKI     54.68 275 P      04 03.40  -1.1
DMN     54.87 275 P      04 06.20   0.4
GKN     54.95 276 P      04 06.00  -0.3
WRA     66.95 198 P      05 27.00  -0.3
        0.8s      0.30nm          3.4mb
NB2     69.16 341 P      05 39.20  -1.6
        0.8s      2.80nm          4.4mb
     S.D. = 1.0  on  10 of  11 obs.
-----------------------------------------
&  FEB  02, 1992  08h 03m 42.01s
   63.141 N          150.768 W
   DEPTH = 133.0km
   3.2mb (  1 obs.)
 CENTRAL ALASKA                    (  1)
      <AEIC>.

TRF      0.38  35 iPc    04 01.02  -0.3
                  eS     04 15.26
KTH      0.42 351 iPc    04 01.08  -0.3
                  eS     04 14.52
HUR      0.54 107 ePc    04 01.33  -0.6
                  eS     04 16.34
CUT      0.77 163 iPd    04 03.27  -0.2
                  eS     04 18.88
RND      0.91  72 iPc    04 04.18  -0.5
MCK      1.02  53 iPc    04 05.27  -0.4
                  eS     04 22.25
SKT      1.22 197 iPd    04 07.24  -0.4
                  eS     04 26.41
PWA      1.55 164 iPc    04 11.03  -0.2
                  eS     04 33.29
GHO      1.62 147 ePc    04 11.63  -0.5
                  S      04 34.47
NEA      1.62  27 iPc    04 11.19  -0.9
SUA      1.68 180 ePd    04 13.05   0.1
                  eS     04 36.63
PLRM     1.73 153 iPc    04 12.37  -0.9
                  S      04 36.49
PMR      1.73 153 P      04 12.00  -1.3
                  S      04 35.57
SML      1.75 139 iPc    04 12.65  -1.0
                  eS     04 36.89
NCG      1.86 201 eP     04 14.50  -0.5
                  eS     04 41.13
MLY      1.90   0 iPc    04 14.58  -0.8
CGLM     1.93 198 eP     04 15.56  -0.2
PMS      1.99 163 iPc    04 15.74  -0.7
                  eS     04 41.56
CRP      1.99 200 eP     04 16.24  -0.4
CCB      2.00  40 iPd    04 15.70  -0.8
BGL      2.03 203 eP     04 17.04   0.0
KNK      2.04 147 iPc    04 16.18  -1.0
                  eS     04 42.78
SPU      2.06 198 ePd    04 16.85  -0.5
HDA      2.12  51 iPd    04 17.09  -0.9
MDM      2.14  30 iPd    04 17.54  -0.8
                  S      04 46.51
BKG      2.19 199 eP     04 18.70  -0.4
FBA      2.20  35 P      04 17.63  -1.4
THY      2.28  81 eP     04 21.12   1.0
                  S      04 50.00
DDM      2.30  71 eP     04 20.69   0.4
TOA      2.36 114 iPc    04 20.78  -0.4
GLM      2.38  37 iPd    04 20.58  -0.7
TTA      2.40 267 P      04 20.44  -1.2
                  S      04 49.21
PAX      2.42  92 iPd    04 21.46  -0.5
                  eS     04 50.77
DJE      2.44  66 eP     04 21.58  -0.5
                  eS     04 50.77
SDG      2.48 102 eP     04 21.80  -0.8
                  S      04 52.87
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SLKM     2.66 174 ePc    04 24.10  -0.8
                  eS     04 55.31
RDT      2.69 197 eP     04 25.28  -0.1
TZL      2.71 112 eP     04 25.16  -0.3
DFR      2.71 200 eP     04 25.64  -0.1
NCT      2.78 203 eP     04 26.79   0.2
KLU      2.80 124 ePc    04 25.09  -1.7
REF      2.82 200 eP     04 26.36  -0.7
RDW      2.84 201 eP     04 27.48   0.1
RS2      2.85 200 eP     04 28.15   0.6
RSO      2.85 200 eP     04 28.17   0.6
RS1      2.85 200 eP     04 28.22   0.6
GLI      2.86 141 iPc    04 25.83  -1.6
RED      2.89 200 eP     04 28.01   0.0
VLZ      2.90 132 ePc    04 25.90  -2.1
SVW      3.06 230 P      04 29.03  -1.1
DOT      3.06  77 iPd    04 28.94  -1.2
SEW      3.11 168 eP     04 29.55  -1.2
NNL      3.12 185 eP     04 31.57   0.7
FID      3.14 138 ePc    04 29.44  -1.7
IMA      3.20 338 P      04 30.65  -1.4
INE      3.28 201 eP     04 33.16   0.0
INW      3.28 201 eP     04 33.42   0.2
PRP      3.30  41 ePd    04 32.21  -1.2
BRLK     3.39 181 eP     04 33.72  -0.8
MTU      3.50 153 eP     04 34.38  -1.5
TMW      3.52  84 eP     04 34.71  -1.5
CNPM     3.64 184 ePc    04 36.92  -0.8
GLB      3.67 115 iPc    04 37.07  -1.2
SGAM     3.74 133 eP     04 37.20  -1.9
PDB      3.74 208 eP     04 38.55  -0.6
FYU      4.17  32 ePd    04 43.55  -1.3
MID      4.29 148 eP     04 44.95  -1.6
CROM     4.32 120 eP     04 45.96  -1.2
MCNL     4.33 205 eP     04 47.00   0.0
TGL      4.45 119 eP     04 46.62  -2.1
BALM     4.49 114 eP     04 47.41  -1.9
CTGM     4.95 112 eP     04 54.58  -0.9
YAH      5.11 119 eP     04 55.95  -1.8
YKA     16.40  76 eP     07 25.50   0.1
        0.4s      0.50nm          3.2mb
        74 obs. associated
-----------------------------------------
*  FEB  02, 1992  08h 06m 31.39± 1.10s
   45.395 N ±20.9km  151.509 E ±18.1km
   DEPTH =  33.0km  (normal)
   3.9mb (  5 obs.)
 KURIL ISLANDS                      (221)

KUSJ     5.40 247 P      07 50.00  -1.6
                  eS     08 50.40
ASAJ     6.44 262 P      08 09.40   3.0X
HOOJ     6.66 246 eP     08 08.40  -1.0
                  eS     09 22.80
INK     43.39  32 eP     14 32.00   0.1
YKA     52.68  36 eP     15 43.40  -0.9
        0.9s      1.10nm          3.8mb
GUN     54.00 275 P      15 55.80   0.9
KKN     54.50 275 P      15 59.80   1.4
PKI     54.54 275 P      16 03.00   4.1X
DMN     54.73 275 P      16 02.20   2.0
GKN     54.82 276 P      16 01.00   0.3
WRA     66.88 198 P      17 22.80   0.6
        0.6s      0.40nm          3.7mb
NB2     69.14 341 P      17 35.00  -1.0
        0.7s      3.20nm          4.5mb
CLL     77.22 335 eP     18 23.00  -0.4
KHC     78.96 333 P      18 34.20   1.2
        1.2s      4.00nm          4.3mb
GEC2    79.17 333 ePc    18 32.70  -1.5
        0.5s      0.33nm          3.6mb
     S.D. = 1.3  on  13 of  15 obs.
-----------------------------------------
&  FEB  02, 1992  08h 08m 27.34s
   61.673 N          149.769 W
   DEPTH =  33.5km
 SOUTHERN ALASKA                     (  2)
      <AEIC>. ML 2.7 (AEIC).

PWA      0.06 247 iPd    08 33.33   0.3
PLRM     0.32 105 iPc    08 34.75  -0.6
                  S      08 41.31
PMR      0.32 105 P      08 34.31  -1.0
                  S      08 40.80
GHO      0.41  76 ePc    08 36.05  -0.7
                  eS     08 43.73
PMS      0.44 167 ePc    08 36.61  -0.5
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                  eS     08 44.11
SUA      0.51 246 ePc    08 37.29  -0.9
KNK      0.68 112 iPc    08 39.71  -0.8
                  S      08 49.94
SML      0.70  78 iPc    08 39.63  -1.1
                  eS     08 49.72
CUT      0.77 342 iPd    08 40.89  -0.9
                  eS     08 51.60
SKT      0.89 291 iPc    08 42.44  -1.1
                  iS     08 54.74
CGLM     1.13 252 iPc    08 46.54  -0.5
NCG      1.18 258 iPc    08 47.13  -0.5
                  eS     09 02.78
SLKM     1.19 191 eP     08 46.68  -1.1
SPU      1.20 247 iPc    08 47.37  -0.7
                  eS     09 04.06
CRP      1.22 251 ePc    08 47.68  -0.6
HUR      1.31   3 eP     08 48.93  -0.6
BGL      1.32 253 ePc    08 49.00  -0.8
BKG      1.34 244 ePc    08 49.34  -0.7
                  eS     09 08.04
GLI      1.52 120 iPc    08 51.55  -1.0
                  eS     09 10.96
SEW      1.58 174 eP     08 52.99  -0.4
RDT      1.69 230 ePd    08 54.16  -0.9
                  eS     09 16.53
VLZ      1.74 107 ePc    08 54.61  -1.1
TOA      1.76  74 iPc    08 56.40   0.3
DFR      1.78 234 eP     08 55.73  -0.7
RND      1.79  13 ePd    08 56.13  -0.4
NNL      1.80 205 eP     08 56.44  -0.1
TRF      1.80 353 eP     08 56.31  -0.5
FID      1.84 119 ePc    08 55.59  -1.6
KLU      1.85  94 iPc    08 56.45  -0.9
                  eS     09 20.52
REF      1.86 231 eP     08 56.51  -1.1
                  S      09 20.01
LTI      1.89 149 eP     08 55.93  -1.9
RS2      1.89 231 ePc    08 57.70  -0.4
                  eS     09 22.83
RSO      1.89 231 eP     08 57.59  -0.5
RS1      1.90 231 eP     08 57.66  -0.5
                  eS     09 22.71
NCT      1.90 235 eP     08 57.85  -0.2
                  eS     09 22.36
RDW      1.90 232 eP     08 57.66  -0.5
                  eS     09 22.29
RED      1.93 231 eP     08 57.65  -0.9
                  S      09 23.13
KTH      1.96 345 eP     08 59.14   0.2
                  S      09 23.83
MTU      1.98 148 eP     08 57.33  -1.9
BRLK     1.99 196 eP     08 58.55  -0.8
TZL      2.09  78 eP     09 00.81   0.1
MCK      2.10  10 eP     09 00.91   0.0
SDG      2.16  65 eP     09 01.81   0.0
CNPM     2.27 199 eP     09 02.29  -1.1
INE      2.28 226 eP     09 02.83  -0.8
INW      2.30 227 eP     09 03.18  -0.7
PAX      2.39  55 eP     09 05.46   0.3
SGAM     2.51 116 eP     09 04.61  -2.1
GLB      2.86  92 eP     09 10.49  -1.2
PDB      2.88 231 eP     09 10.29  -1.6
HDA      3.03  24 eP     09 13.53  -0.5
CCB      3.12  16 eP     09 14.22  -1.0
KAIM     3.15 121 eP     09 14.97  -0.8
TTA      3.18 296 P      09 14.02  -2.2
CROM     3.34 103 eP     09 17.50  -1.1
MDM      3.37  11 eP     09 18.04  -0.9
MLY      3.40 353 eP     09 18.07  -1.3
TGL      3.48 102 eP     09 19.73  -0.8
GLM      3.50  17 eP     09 18.94  -1.8
BALM     3.63  97 eP     09 21.32  -1.4
        60 obs. associated
-----------------------------------------
?  FEB  02, 1992  08h 14m 09.04± 5.21s
   41.269 N ± 8.6km   20.340 E ±44.9km
   DEPTH =  10.0km  (geophysicist)
 ALBANIA                            (391)
      ML 3.5 (ROM).

LCI      2.04 243 P      14 40.77  -3.0
BRT      2.40 262 P      14 49.52   0.5
MGR      3.81 254 P      15 09.50   0.5
SGO      3.88 261 P      15 10.11   0.2
GRI      3.88 232 P      15 11.42   1.4
DUI      4.44 277 P      15 18.23   0.2
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ATN      4.88 232 P      15 24.37   0.2
SDI      4.92 277 P      15 25.15   0.3
MNS      5.83 284 P      15 37.91   0.3
ASS      5.98 290 P      15 39.86   0.1
CRE      6.64 294 P      15 48.72  -0.4
SFI      6.80 296 P      15 51.93   0.7
PGD      6.87 295 P      15 52.75   0.3
MME      7.67 296 P      16 03.18  -0.6
CTI      7.90 310 P      16 06.84   0.0
BOB      8.71 297 P      16 17.48  -0.6
     S.D. = 1.0  on  16 of  16 obs.
-----------------------------------------
*  FEB  02, 1992  08h 50m 42.32± 0.88s
   35.506 S ±17.0km   78.526 E ±11.9km
   DEPTH =  10.0km  (geophysicist)
   4.4mb (  3 obs.)
 MID-INDIAN RIDGE                   (429)

BUL     46.24 276 iPc    59 09.80   0.0
ASPA    49.02  92 iPd    59 31.40   0.0
        1.1s      7.20nm          4.6mb
WB2     51.16  88 iPc    59 47.70   0.0
        0.9s      4.20nm          4.4mb
HYB     52.63   0 eP     59 58.50  -0.2
CHTO    57.39  23 eP     00 33.20  -0.1
        0.9s      2.56nm          4.3mb
PKI     63.07   7 P      01 12.20  -0.2
DMN     63.08   7 P      01 12.80   0.4
GKN     63.43   6 P      01 14.80   0.3
GUN     63.46   7 P      01 14.80  -0.2
YKA    151.76  13 ePKP   10 36.20   5.0X
        1.0s      1.10nm
     S.D. = 0.3  on   9 of  10 obs.
-----------------------------------------
&  FEB  02, 1992  10h 42m 51.79s
   60.463 N          150.258 W
   DEPTH =  38.7km
 KENAI PENINSULA, ALASKA            ( 14)
      <AEIC>. ML 2.7 (AEIC).

SLKM     0.05  22 iPd    42 57.93  -0.2
                  eS     43 02.79
SEW      0.54 131 iPc    43 02.05  -1.0
                  eS     43 10.77
NNL      0.67 231 iPc    43 05.11   0.3
                  eS     43 15.91
BRLK     0.77 204 iPc    43 05.70  -0.6
                  eS     43 16.42
PMS      0.86  23 iPd    43 06.91  -0.6
SUA      1.03 347 iPc    43 09.33  -0.8
                  eS     43 23.12
CNPM     1.06 208 ePc    43 09.92  -0.5
                  eS     43 23.58
RDT      1.07 277 iPc    43 09.67  -0.9
                  eS     43 24.22
SPU      1.14 310 iPc    43 10.87  -0.7
                  eS     43 25.91
BKG      1.16 303 iPc    43 11.15  -0.7
                  eS     43 25.72
CGLM     1.20 316 iPc    43 11.86  -0.6
                  eS     43 27.84
PWA      1.21   9 ePc    43 12.26  -0.2
                  eS     43 27.41
DFR      1.21 277 iPc    43 11.78  -0.8
                  iS     43 26.84
REF      1.21 272 iPc    43 12.01  -0.7
                  iS     43 27.90
CRP      1.23 312 eP     43 11.53  -1.4
RSO      1.24 271 iPc    43 12.43  -0.6
                  eS     43 27.95
RS2      1.24 271 iPc    43 12.47  -0.6
RS1      1.24 271 iPc    43 12.48  -0.6
RED      1.25 269 iPc    43 12.41  -0.7
                  iS     10 43.00
PLRM     1.26  25 ePc    43 12.66  -0.5
PMR      1.26  25 P      43 12.16  -1.0
RDW      1.26 272 ePc    43 12.76  -0.7
                  eS     43 28.66
LTI      1.27 108 eP     43 13.70   0.3
KNK      1.30  42 iPd    43 13.20  -0.6
                  eS     43 30.15
BGL      1.32 309 iPc    43 13.60  -0.5
NCG      1.32 316 iPc    43 13.67  -0.5
                  S      43 30.90
NCT      1.33 275 ePc    43 13.48  -0.8
                  eS     43 30.06
MTU      1.39 109 eP     43 16.16   1.2
```

02d 10h

INE	1.46	255	iPc	43 15.49	-0.6
			eS	43 33.81	
GHO	1.46	26	ePc	43 15.93	-0.3
INW	1.49	256	iPc	43 15.99	-0.5
			eS	43 34.57	
GLI	1.61	74	ePc	43 16.35	-1.9
			eS	43 38.38	
SML	1.64	34	eP	43 18.00	-0.7
SKT	1.64	339	iPc	43 18.56	-0.1
			eS	43 39.55	
FID	1.89	80	eP	43 19.76	-2.4
			eS	43 42.22	
AUP	1.94	237	eP	43 23.10	0.1
CUT	1.95	360	eP	43 23.59	0.5
VLZ	2.04	69	ePc	43 22.97	-1.3
			eS	43 47.45	
PDB	2.08	253	eP	43 24.90	-0.1
			eS	43 50.20	
KLU	2.35	62	ePc	43 27.60	-1.3
SGAM	2.50	87	eP	43 27.96	-3.0
HUR	2.54	6	eP	43 30.28	-1.3
TOA	2.57	48	ePc	43 32.04	0.0
SVW	2.71	286	P	43 32.39	-1.6
			S	44 12.14	
TZL	2.82	54	eP	43 34.77	-0.8
KDC	2.96	204	(P)	43 35.74	-1.6
TRF	3.00	360	eP	43 39.49	1.3
RND	3.03	12	P	43 39.42	0.9
			S	44 21.07	
GLB	3.29	70	iPd	43 40.11	-2.1
PAX	3.40	40	eP	43 43.28	-0.5
TTA	3.69	315	P	43 47.43	-0.5
BALM	3.93	78	eP	43 48.23	-3.1
HDA	4.24	20	eP	43 55.74	0.1
CCB	4.35	14	eP	43 56.26	-0.9
FBA	4.60	13	P	43 59.18	-1.5
IMA	5.83	346	(P)	44 17.25	-1.0

56 obs. associated

FEB 02, 1992 11h 02m 29.25± 0.63s
17.473 N ± 6.0km 61.900 W ± 5.5km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)
ML 3.3 (FDF). MD 3.2 (TRN).

CPB	0.18	23	eP	02 35.65	0.0
			eS	02 40.80	
ANG	0.32	168	eP	02 37.30	0.0
			eS	02 42.65	
BPA	0.43	174	iPc	02 38.22	-0.6
			S	02 45.40	
NEV	0.72	243	eP	02 42.97	0.0
MBET	0.77	199	eP	02 43.76	0.1
			eS	02 54.05	
MGH	0.81	202	iPd	02 44.14	-0.1
SKI	0.81	260	eP	02 44.24	0.0
			eS	02 55.23	
BSK	0.91	262	eP	02 45.68	0.1
			eS	02 57.22	
SEG	1.13	160	eP	02 48.90	0.1
DEG	1.41	145	eP	02 52.55	-0.3
PAG	1.45	172	ePd	02 53.96	0.5
			S	03 11.40	
MGG	1.64	160	eP	02 56.44	0.2
			S	03 16.20	

S.D. = 0.3 on 12 of 12 obs.

& FEB 02, 1992 11h 03m 23.55s
60.145 N 152.023 W
DEPTH = 83.8km
4.0mb (1 obs.)
SOUTHERN ALASKA (2)
<AEIC>.

NNL	0.38	106	iPc	03 37.06	0.1
RED	0.46	307	iPd	03 36.98	-0.7
			eS	03 48.08	
RDT	0.47	336	iPd	03 36.96	-0.7
			eS	03 47.98	
REF	0.48	316	iPd	03 37.35	-0.6
RSO	0.48	311	iPd	03 37.40	-0.6
RS1	0.48	311	iPd	03 37.40	-0.6
RS2	0.49	311	iPd	03 37.40	-0.6
RDW	0.52	311	iPd	03 37.66	-0.6
RDN	0.52	315	eP	03 37.54	-0.7
			eS	03 48.59	
HOM	0.52	158	eP	03 37.17	-0.9
			eS	03 49.44	
INE	0.53	261	iPc	03 37.36	-0.9
IVS	0.55	256	eP	03 37.84	-0.7
			eS	03 49.85	
DFR	0.56	324	iPd	03 37.76	-0.7
INW	0.56	263	iPc	03 37.73	-0.8
NCT	0.61	313	iPd	03 38.24	-0.8
			eS	03 50.05	
BRLK	0.69	123	iPc	03 38.75	-0.9
XLV	0.71	167	ePc	03 38.85	-1.0
			eS	03 51.89	
CNPM	0.74	147	iPc	03 39.42	-0.7
			eS	03 52.22	
BKG	0.94	353	ePd	03 41.75	-0.7
SLKM	0.97	67	ePc	03 41.18	-1.6
			eS	03 55.98	
SPU	1.04	359	iPd	03 42.92	-0.7
			eS	03 58.85	
AUE	1.04	221	iPc	03 42.72	-0.9
AUP	1.06	223	iPc	03 43.11	-0.8
AUI	1.08	222	iPc	03 43.10	-0.9
			eS	03 58.15	
CRP	1.13	357	iPd	03 44.29	-0.5
BGL	1.14	351	iPd	03 44.20	-0.7
PDB	1.15	253	iPc	03 43.75	-1.2
			eS	03 59.72	
CGLM	1.17	0	iPd	03 44.67	-0.6
			eS	04 01.52	
NCG	1.26	357	iPd	03 45.79	-0.7
SEW	1.29	91	iPc	03 44.71	-1.9
MCNL	1.52	232	ePc	03 48.00	-1.7
			eS	04 07.26	
PMS	1.64	47	iPc	03 50.15	-1.1
BGM	1.79	246	eP	03 51.54	-1.7
PWA	1.84	34	iPd	03 52.91	-1.0
SKT	1.86	7	iPd	03 52.94	-1.3
			eS	04 17.01	
SVW	2.02	300	iPc	03 54.59	-1.8
			eS	04 18.49	
PLRM	2.03	43	iPc	03 54.50	-1.9
			eS	04 18.66	
PMR	2.03	43	eP	03 54.50	-1.9
LTI	2.09	91	eP	03 55.00	-2.3
KNK	2.16	52	iPc	03 56.23	-2.1
			iS	04 21.70	
MTU	2.20	92	eP	03 56.44	-2.3
GHO	2.23	41	iPc	03 57.28	-2.0
			eS	04 24.22	
KDC	2.42	186	iPd	03 58.93	-2.8
			eS	04 26.66	
CUT	2.42	20	iPd	04 00.46	-1.3
SML	2.45	46	ePc	04 00.20	-2.1
GLI	2.55	71	iPc	03 59.83	-3.7
FID	2.81	75	iPc	04 03.20	-4.0
			eS	04 34.64	
MID	2.96	102	ePc	04 07.65	-1.6
VLZ	2.97	68	eP	04 06.05	-3.3
HUR	3.06	21	eP	04 09.56	-1.1
KLU	3.28	63	iPc	04 10.89	-2.9
			eS	04 47.61	
TTA	3.38	327	ePd	04 13.18	-2.0
			eS	04 54.98	
SGAM	3.41	81	iPc	04 11.23	-4.2
TRF	3.42	13	eP	04 13.53	-2.2
TOA	3.45	53	iPc	04 14.06	-2.1
			eS	04 54.23	
KTH	3.46	8	eP	04 14.40	-1.9
RND	3.60	23	eP	04 16.29	-1.9
			eS	04 57.37	
TZL	3.73	56	eP	04 17.50	-2.4
KAIM	3.82	90	eP	04 17.78	-3.4
MCK	3.88	21	eP	04 20.83	-1.3
SDG	3.93	50	ePc	04 20.22	-2.5
PAX	4.23	45	ePc	04 24.51	-2.5
GLB	4.23	69	iPc	04 23.40	-3.6
THY	4.43	40	eP	04 28.53	-1.2
CROM	4.44	78	eP	04 26.42	-3.7
TGL	4.59	78	eP	04 27.82	-4.3
NEA	4.66	16	eP	04 29.44	-3.4
DDM	4.67	36	eP	04 32.21	-0.9
BALM	4.86	75	eP	04 31.47	-4.3
HDA	4.89	27	ePc	04 33.53	-2.5
DJE	4.90	35	eP	04 34.29	-2.0
CCB	4.92	22	ePc	04 33.73	-2.8
MLY	4.94	6	eP	04 34.46	-2.4
WRG	5.00	87	eP	04 35.12	-2.6
YAH	5.12	83	eP	04 36.77	-2.8
			S	05 32.33	
MDM	5.14	18	eP	04 36.64	-3.0
DOT	5.15	44	eP	04 36.74	-3.0
FBA	5.16	20	eP	04 37.50	-2.3
GLM	5.31	22	ePc	04 39.12	-2.9
CTGM	5.34	77	eP	04 39.50	-3.0
TMW	5.34	49	eP	04 39.97	-2.5
PCA	5.88	85	eP	04 46.90	-3.1
IMA	5.99	354	eP	04 49.00	-2.6
PRP	6.16	26	ePd	04 50.85	-3.0
BCPM	6.21	86	ePc	04 51.10	-3.3
YKU	6.23	90	eP	04 52.13	-2.5
PNL	6.37	89	ePc	04 53.13	-3.5
SDN	6.61	227	eP	04 56.51	-3.4
HON	6.67	90	ePc	04 56.68	-4.1
FYU	7.13	22	ePd	05 03.63	-3.4
ANM	7.62	311	ePd	05 11.73	-2.1
SIT	9.24	102	eP	05 31.83	-4.2
BRW	11.37	352	eP	06 00.17	-4.4
INK	11.43	37	P	06 01.00	-4.3
	0.7s	1.50nm			4.0mb X
YKA	17.95	66	eP	07 25.40	-3.2
	0.8s	7.90nm			4.0mb
SES	24.90	95	eP	08 40.00	0.3

96 obs. associated

& FEB 02, 1992 11h 11m 26.38s
66.277 N 151.763 W
DEPTH = 12.2km
NORTHERN ALASKA (676)
<AEIC>. ML 2.6 (AEIC).

MDM	1.98	130	eP	12 00.54	0.6
			S	12 25.55	
NEA	2.04	145	eP	12 01.30	0.4
			eS	12 28.44	
FBA	2.15	128	eP	12 02.47	0.0
			eS	12 30.41	
GLM	2.23	124	eP	12 02.53	-1.1
			eS	12 32.12	
CCB	2.33	133	eP	12 03.91	-1.1
			S	12 36.31	
FYU	2.64	81	eP	12 09.27	-0.2
PRP	2.67	104	eP	12 08.25	-1.8
			eS	12 42.59	
HDA	2.76	131	eP	12 09.88	-1.2
			S	12 45.73	
TRF	2.91	167	eP	12 13.26	-0.1

9 obs. associated

FEB 02, 1992 11h 39m 41.73± 0.93s
37.053 N ± 9.6km 29.459 E ± 7.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

ELL	0.47	130	iPg	39 51.00	-0.4
			eSg	39 59.00	
BCK	0.99	65	iPn	40 01.30	0.7
CIN	1.22	297	ePg	40 05.00	0.5
			iSg	40 19.00	
KHL	1.27	2	iPn	40 04.40	-0.9
IZM	2.20	308	ePn	40 18.50	-0.4
DST	2.63	346	ePn	40 25.40	0.4

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

? FEB 02, 1992 11h 46m 08.87± 2.37s
25.413 S ±11.2km 176.053 W ±36.0km
DEPTH = 205.6 ± 17.0 km
4.2mb (4 obs.)
SOUTH OF FIJI ISLANDS (171)

SVA	8.87	324	ePc	48 14.60	0.3
VUN	8.96	324	eP	48 15.20	-0.2
URZ	14.06	203	eP	49 22.80	2.5X
			eS	51 38.30	
NOZ	14.08	199	eP	49 20.50	-0.1
RUZ	15.48	206	eP	49 39.10	1.2
DZM	16.37	278	iPd	49 48.20	-0.6
MNG	16.73	203	eP	49 49.70	-3.2X
			eS	52 37.50	
KHZ	19.01	204	eP	50 15.70	-1.4
			eS	53 28.20	
TOO	34.73	240	iPd	52 43.30	2.1X
STK	37.55	250	eP	53 10.60	5.8X
	0.4s	6.50nm			4.6mb
ASPA	45.34	261	iPd	54 09.10	0.7
	0.5s	8.00nm			4.4mb

```
WB2     45.88 266 eP     54 12.80   0.2
         0.6s     4.30nm          4.0mb
WRA     45.89 266 P      54 12.90   0.2
         0.6s     2.50nm          3.8mb
WARB    51.23 256 eP     54 53.50  -0.2
NB2    144.04 354 PKP    05 29.00   8.2X
         0.8s     2.50nm
HFS    144.64 352 ePKP   05 30.60   8.8X
         0.3s     1.10nm
      S.D. = 0.9  on  10 of  16 obs.
-----------------------------------------
%  FEB  02, 1992  13h 58m 12.72± 1.99s
   15.921 N ±19.7km   97.991 W ± 8.8km
   DEPTH =  33.0km  (normol)
 NEAR COAST OF OAXACA, MEXICO      ( 66)

OXX      1.68  46 iP     58 39.00  -1.4
                  iS     58 59.60
ACX      2.03 29B eP     58 45.00  -0.2
                  iS     59 12.00
PBJ      2.54  78 eP     58 53.00   0.5
                  iS     59 22.00
III      2.82 330 iP     58 56.70   0.1
                  iS     59 32.70
IIT      3.10 354 iP     59 01.30   0.6
                  iS     59 39.00
PPM      3.19 349 iP     59 01.50  -0.7
                  (S)    59 47.20
LVVM     4.07  21 eP     59 15.00   0.8
MRX      4.84 321 (P)    59 36.20  11.0X
      S.D. = 0.9  on   7 of   8 obs.
-----------------------------------------
&  FEB  02, 1992  14h 56m 20.00s
   36.362 N          120.387 W
   DEPTH =   3.0km
 CENTRAL CALIFORNIA                 ( 39)
      <BRK>. ML 2.7 (BRK), 2.7 (PAS).

PRI      0.31 226 iPd    56 26.27   0.0
                  iS     56 32.27
PKEM     0.37 143 eP     56 27.34  -0.2
LLA      0.52 300 iPd    56 29.71  -0.6
                  iS     56 38.49
PHAM     0.52 181 ePc    56 29.73  -0.8
PRS      0.79 268 iPc    56 34.77  -1.1
                  iS     56 46.82
FRI      0.83  41 iPd    56 33.51  -3.1
                  iS     56 44.76
SAO      0.94 296 iPd    56 36.62  -2.0
                  eS     56 51.96
ARN      1.35 317 ePn    56 43.91  -1.6
                  eS     57 04.28
GCC      1.46 298 iPc    56 46.26  -0.9
CMB      1.67   0 iPc    56 47.53  -2.8
                  eS     57 08.92
BONR     2.30  46 ePn    56 57.76  -2.0
                  eS     57 29.98
TNP      3.06  55 ePn    57 08.61  -1.7
                  eS     57 53.65
       12 obs. associated
-----------------------------------------
   FEB  02, 1992  15h 25m 24.80± 0.28s
   49.016 N ± 3.0km  128.737 W ± 3.3km
   DEPTH =  10.0km  (geophysicist)
   4.5mb ( 15 obs.)  4.4Msz (  2 obs.)
 VANCOUVER ISLAND REGION            ( 25)

EDB      1.36  50 P      25 50.68   0.9
                  S      26 10.18
ETB      1.49  75 P      25 52.28   0.8
PHC      1.89  26 P      25 58.12   0.7
OZB      2.14  90 Pc     25 59.94  -1.1
                  S      26 27.34
BTB      2.16  77 Pc     26 01.66   0.3
                  S      26 29.62
CBB      2.42  64 P      26 06.00   1.0
ALB      2.58  83 P      26 06.71  -0.5
                  S      26 40.57
MGB      2.66  89 Pc     26 07.16  -1.5
                  S      26 41.31
PFB      2.88  97 Pd     26 09.49  -2.0
NAB      3.12  84 P      26 14.55  -0.3
BB8      3.20   7 Pd     26 16.70   0.7
                  S      26 56.20
SHB      3.23  78 P      26 16.81   0.1
PGC      3.51  94 P      26 19.00  -1.4
BIB      3.58  82 P      26 21.34  -0.1
VGZ      3.63  98 P      26 20.33  -1.9
                  S      27 03.62
WPB      3.67  78 P      26 23.23   0.4
MCW      3.91  93 ePc    26 25.32  -0.9
WHB      3.92  71 P      26 27.15   0.7
HNB      4.05  84 P      26 27.96  -0.1
GMW      4.24 108 eP     26 29.73  -1.1
VDB      4.37  87 P      26 31.87  -0.8
RMW      4.B9 106 eP     26 39.71  -0.4
LON      5.18 113 eP     26 43.90  -0.4
SHW      5.23 120 eP     26 44.25  -0.7
PNT      5.99  84 P      26 54.50  -1.1
         0.6s     12.00nm         4.8mb X
FSB      6.11  25 P      26 58.90   1.5
VGB      6.45 120 eP     27 01.34  -0.8
DPW      7.10  95 eP     27 09.07  -2.2
SIT      8.97 336 eP     27 37.10  -0.2
LBFM     9.06 145 ePc    27 38.56  -0.2
WDC      9.51 150 ePc    27 45.06   0.3
MIN     10.04 147 eP     27 51.54  -0.7
ORV     10.78 149 iPd    28 01.47  -0.7
SES     11.54  76 eP     28 13.00   0.4
         0.5s     37.00nm         6.0mb X
                  pP     28 24.00
HPI     12.03 110 eP     28 18.41  -1.0
CMB     12.53 148 ePd    28 26.83   0.9
ARN     12.78 153 eP     28 28.37  -0.9
PTI     12.93 112 (P)    28 32.96   1.6
HVU     13.33 117 eP     28 37.18   0.5
BONR    13.39 142 (P)    28 38.35   0.8
TNP     13.74 138 eP     28 41.38  -0.7
         0.9s     9.48nm          4.7mb
BALM    14.31 332 eP     28 50.24   0.9
DUG     14.34 122 eP     28 50.65   0.7
         1.0s     23.99nm         4.8mb
PKEM    14.41 151 (P)    28 50.72   0.0
PHAM    14.53 152 eP     28 52.74   0.5
DAU     15.09 118 eP     29 01.05   1.2
YKA     15.62  25 eP     29 07.40   1.1
         0.8s     24.30nm         4.5mb
EMUT    15.73 119 (P)    29 09.36   1.1
                  e      29 14.88
KLU     15.81 329 eP     29 09.29   0.4
MSU     15.88 125 ePc    29 11.70   1.6
SRU     16.37 120 eP     29 16.71   0.3
SBB     16.44 147 eP     29 24.00   7.0X
SLKM    16.82 321 eP     29 21.17  -0.5
SSK     16.91 147 eP     29 22.87  -0.3
PMR     17.03 325 eP     29 24.68   0.5
         1.2s     26.58nm         4.2mb
RVR     17.22 146 eP     29 23.00  -3.9X
PEC     17.39 146 eP     29 28.36  -0.7
FFC     17.42  61 eP     29 27.00  -2.2
         0.6s     15.00nm         4.3mb X
FFC     17.42  61 eP     29 31.00   1.8
         0.8s    237.00nm         5.4mb X
TPC     17.63 143 eP     29 34.00   2.0
RSO     17.87 319 eP     29 34.91   0.0
PLM     17.98 146 eP     29 37.41   0.9
RND     18.12 330 eP     29 37.00  -0.9
PDB     18.20 316 eP     29 36.50  -2.3
FBA     18.88 335 eP     29 47.25   0.2
         1.3s    124.15nm         5.0mb
GLA     19.04 142 eP     29 50.45   1.1
SVW     19.41 319 eP     29 52.60  -1.1
         0.9s     14.64nm         4.3mb
INK     19.50 355 eP     29 54.00  -0.5
         1.1s     52.00nm         4.7mb
TTA     20.44 323 ePc    30 03.72  -1.0
         1.2s     28.30nm         4.5mb
IMA     21.45 332 eP     30 14.67  -0.4
         1.5s     62.59nm         4.8mb
ALQ     21.62 122 eP     30 17.00  -0.1
         1.0s     14.00nm         4.3mb
BRW     25.85 340 eP     30 58.79   1.2
MEO     26.36 111 iPd    31 03.30   0.6
SIO     27.15 107 eP     31 11.00   1.1
TUL     27.37 106 ePc    31 12.90   1.0
         1.0s     13.20nm         4.6mb
      Z  22s      0.62um          4.1Msz
      N  20s      0.61um
      E  22s      0.52um
                  e(S)   36 00.00
                  LR     39 07.00
LNO     27.37 106 ePc    31 12.60   0.8
MBC     27.59   5 eP     31 14.50   1.0
         1.0s      5.00nm         4.2mb
RLO     27.70 105 eP     31 15.60   0.7
VVO     27.77 107 eP     31 15.80   0.3
FVM     29.60  97 eP     31 32.04   0.1
         0.6s     29.29nm         5.3mb
ELC     30.78  97 eP     31 42.06  -0.3
PRM     37.17  96 eP     32 37.70   0.2
LHS     37.95  94 eP     32 43.77  -0.2
YAK     53.02 325 eP     34 41.30  -2.2
      Z  22s      0.80um          4.7Msz
      E  20s      0.50um
NB2     65.65  20 P      36 10.50  -0.4
         0.7s      1.30nm         4.2mb
CLL     74.84  24 e(P)   37 06.00  -0.7
BRG     75.49  23 e(P)   37 11.60   1.1
KSP     76.11  22 eP     37 14.30   0.3
KHC     76.98  24 eP     37 20.00   1.1
                  e      37 33.50
GEC2    77.27  24 ePd    37 20.70   0.1
         1.0s      1.51nm         4.0mb
SIV     88.02 117 eP     38 16.00  -0.4
      S.D. = 1.0  on  89 of  91 obs.
-----------------------------------------
*  FEB  02, 1992  16h 33m 35.53± 1.26s
   31.595 S ±11.8km   67.386 W ± 8.1km
   DEPTH = 121.4 ± 20.3 km
 SAN JUAN PROVINCE, ARGENTINA      (137)
      MD 4.0 (SAN).

CFA      0.73 269 iPd    33 54.70  -0.9
RTLL     0.96 286 iPd    33 57.00  -0.7
RTCB     1.21 275 iPd    34 02.00   1.7
                  S      34 31.00
RTBS     1.76 267 iPc    34 06.80   0.2
                  S      34 21.00
MDZ      1.79 224 eP     34 07.30   0.4
                  iS     34 30.20
RTRS     2.28 308 ePc    34 13.00  -0.1
                  (S)    34 41.50
TCA      2.40  85 iPd    34 14.80   0.1
PEL      3.19 240 eP     34 25.00  -0.1
RFA      3.29 196 iPc    34 20.80  -5.7X
                  S      34 56.80
PCH      3.32 232 iPc    34 27.00   0.0
ROCH     3.36 245 eP     34 26.70  -0.9
CYA      3.43  24 iPc    35 15.00  46.7X
CHCH     3.61 229 iPd    34 30.90   0.2
CACH     3.69 226 iPc    34 32.00   0.0
LNV      4.13 234 ePd    34 35.10  -2.6X
      S.D. = 0.8  on  12 of  15 obs.
-----------------------------------------
*  FEB  02, 1992  17h 15m 00.67± 0.45s
   18.059 S ± 9.6km  174.285 W ±14.5km
   DEPTH =  33.0km  (normol)
   4.5mb (  5 obs.)
 TONGA ISLANDS                      (173)

DZM     18.53 254 iPc    19 24.00   7.2X
KUZ     20.60 203 eP     19 39.20  -0.3
URZ     21.49 199 eP     19 48.70   0.1
WLZ     21.61 202 eP     19 51.10   1.2
MNG     24.15 199 eP     20 14.30  -0.5
LTZ     27.16 202 eP     20 48.70   5.7X
EWZ     28.31 203 eP     20 56.90   3.6X
WB2     48.45 259 iPd    23 42.70   0.4
         0.5s      4.70nm         4.8mb
WRA     48.46 259 P      23 42.00  -0.3
         0.6s      1.20nm         4.1mb
ASPA    48.53 254 eP     23 42.10  -0.8
         0.5s      8.20nm         5.0mb
                  eS     30 47.40
CHG     92.75 289 eP     28 12.00   0.6
CHTO    92.75 289 eP     28 12.00   0.7
         0.9s      2.34nm         4.6mb
YKA     92.86  24 eP     28 12.30   1.4
         0.4s      0.20nm         3.9mb
KSP    146.22 348 ePKP   34 30.50  -7.6X
                  ed     34 33.90
CLL    146.32 352 ePKP   34 34.00  -4.2X
         1.4s     21.00nm
BRG    146.61 351 e(PKP)34 34.70  -4.0X
KHC    148.36 350 ePKP   34 40.00  -1.6
GEC2   148.61 350 PKP    34 40.00  -2.2X
         0.7s      0.63nm
FLN    148.96   8 ePKP   34 39.60  -2.9X
         0.5s      2.90nm
LDF    149.18   8 ePKP   34 40.20  -2.7X
GRR    149.28   9 ePKP   34 40.70  -2.3X
```

02d 17h

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LOR   150.83   3 ePKP  34 45.10  -0.3
SSF   151.02   3 ePKP  34 45.50  -0.2
       0.9s      4.90nm
LBF   151.12   2 ePKP  34 45.60  -0.3
BGF   151.48   4 ePKP  34 46.50   0.1
LSF   151.67   6 ePKP  34 46.30  -0.4
TCF   151.70   5 ePKP  34 46.60  -0.2
MAF   151.80   5 ePKP  34 47.40   0.5
     S.D. = 0.8  on  18 of  28 obs.
-----------------------------------
   FEB  02, 1992  17h 43m 35.63± 0.15s
   45.445 N ± 3.4km  150.794 E ± 3.0km
   DEPTH =  36.0km  (  8 depth phoses)
   5.6mb ( 79 obs.)  5.6Msz ( 22 obs.)
 KURIL ISLANDS                    (221)
      Mo=1.3*10**18 Nm (PPT).
      CENTROID, MOMENT TENSOR     (HRV)
      Doto Used: GDSN
      L.P.B.: 26S, 61C
      Centroid Location:
      Origin Time        17:43:40.5 0.3
      Lat 45.59N 0.03 Lon 151.12E 0.04
      Dep  30.9 BDY Half-durotion  2.9
      Moment Tensor;   Scale 10**17 Nm
        Mrr= 3.81 0.11  Mtt=-0.79 0.16
        Mff=-3.03 0.13  Mrt= 1.08 0.25
        Mrf= 3.49 0.29  Mtf=-2.53 0.14
       Principal Axes:
        T  Vol=  5.28  Plg=67  Azm=270
        N        0.67      10       26
        P       -5.95      20      120
      Best Double Couple:Mo=5.6*10**17
       NP1:Strike=227 Dip=27 Slip= 114
       NP2:         21     66       79

KUSJ    4.96 244 eP     44 47.60  -2.1
                eS     45 43.30
YSS     5.82 289 P      45 03.00   1.2
ASAJ    5.95 260 eP     45 06.10   2.4
HOOJ    6.23 243 eP     45 06.80  -0.7
                eS     46 16.20
MRRJ    7.64 250 eP     45 26.90  -0.4
                eS     46 52.40
AOMJ    9.06 241 P      45 44.30  -2.7
OFUJ    9.28 230 P      45 45.80  -4.2X
                eS     47 23.40
YAMJ   10.82 232 P      46 07.50  -3.6X
NIIJ   12.06 231 P      46 24.60  -3.3X
                eS     48 32.90
KAKJ   12.23 225 P      46 25.40  -4.8X
                S      48 32.90
CHJJ   12.95 228 P      46 36.10  -3.7X
                eS     48 53.30
MAT    13.00 231 iPc    46 36.50  -4.0X
        0.8s    52.99nm          5.6mb
                eS     49 04.00
MTMJ   13.20 232 P      46 40.40  -2.7X
IIDJ   13.96 229 P      46 50.70  -2.3
                eS     49 22.70
TSRJ   14.97 234 P      47 02.20  -4.1X
WKYJ   16.16 231 P      47 18.60  -3.0X
YONJ   16.69 238 P      47 27.10  -1.2
TKSJ   17.20 234 P      47 32.80  -1.8
SHNJ   18.83 240 P      47 54.30  -0.5
KUMJ   20.11 237 eP     48 08.90  -0.1
YAK    20.60 331 eP     48 12.10  -1.7
        1.1s  1050.00nm          6.1mb
      Z  20s     6.40um          5.0Msz
      N  18s     8.80um
                iPP    48 39.00
                iPPP   48 46.00
                eS     52 00.00
                iPcP   52 16.00
                iSS    52 43.00
                eScS   55 45.00
                ePcS   55 56.00
                iScS   59 36.00
                i      59 54.00
KAGJ   21.05 234 eP     48 19.50   0.7
BJI    25.86 270 eP     49 05.00  -0.4
        1.3s   178.00nm          5.5mb
      Z  18s    15.60um          5.6Msz
      E  16s    13.20um
                eS     53 31.00
SSE    27.12 248 P+     49 17.00  -0.1
        1.6s   399.00nm          5.8mb
      Z  21s     7.00um          5.2Msz
      N  18s     2.90um
      E  16s     3.90um
                pP     49 32.00  62kmX
                sP     49 39.00
                S      53 44.00
                sS     54 10.00
                i      54 28.00
IRK    30.89 300 eP     49 43.00  -7.7X
      Z  18s     1.67um          4.7Msz
      N  18s     0.39um
      E  17s    13.33um
                ePP    51 09.00
                ePcP   52 23.00
                e      54 40.00
                eS     55 07.00
                e      56 32.00
                eSS    57 02.00
                eSSS   58 21.00
                LR     01 20.00
TATO   31.20 239 eP     50 13.00  19.4X
        0.9s   115.94nm
GUMO   32.15 191 eP     50 06.00   4.0X
      Z  24s     3.09um          4.9MszX
                eS     55 12.00
GUA    32.19 191 eP     50 06.30   3.9X
        0.8s    89.55nm          5.7mb
TTA    34.46  40 P      50 21.20  -0.6
        2.0s   111.27nm          5.4mb
IMA    35.81  35 eP     50 33.00  -0.2
BRW    35.84  26 P      50 32.70  -0.6
PMR    37.66  43 eP     50 48.50  -0.1
HKC    37.70 245 P      50 52.00   2.6
RND    37.73  40 P      50 49.00  -0.3
FBA    38.18  37 P      50 52.50  -0.5
        1.6s   222.35nm          5.8mb
KLU    39.20  43 P      51 01.00  -0.6
BALM   40.97  43 P      51 16.50   0.2
KMI    43.41 259 Pc+    51 37.00   0.2
        1.9s   470.00nm          5.9mb
      Z  18s     4.40um          5.4Msz
      N  18s     3.90um
      E  18s     1.50um
                pP     51 43.50  22kmX
                S      58 00.00
INK    43.61  31 ePc    51 37.30  -0.3
        0.8s    49.00nm          5.3mb
LOE    49.34 252 eP     52 23.40   0.0
RAB    49.43 178 e(P)   52 24.00   0.0
CHG    50.24 256 ePc    52 30.40   0.1
        1.0s    52.75nm          5.5mb
CHTO   50.24 256 iPc    52 30.40   0.1
        1.1s    63.90nm          5.6mb
                pP     52 41.80  40km
BDT    51.29 254 eP     52 39.20   1.0
NST    51.64 252 eP     52 46.00   5.1X
YKA    52.93  35 eP     53 04.50  14.5X
        0.9s    13.00nm
KHT    53.31 252 eP     52 54.50   1.1
GUN    53.50 274 P      52 54.80  -0.3
PCI    53.67 220 ePc    52 54.20  -1.7
        1.3s     3.40nm          4.2mb X
                e      56 35.50
KKN    53.99 275 P      52 58.80   0.2
PKI    54.04 274 P      52 59.00   0.0
DMN    54.23 275 P      53 00.80   0.5
GKN    54.31 275 P      53 00.40  -0.5
HNR    55.24 169 eP     53 14.00   6.6X
PNT    57.29  51 eP     53 21.00  -0.9
        0.9s    25.00nm          5.3mb
SNG    57.62 244 eP     53 26.00   1.5
                eS     01 23.00
DAG    57.88 357 iPc    53 24.90  -0.7
        1.3s    67.31nm          5.6mb
NDI    59.07 281 iPc    53 34.00  -0.6
        1.1s   250.63nm          6.3mb
NEW    59.25  51 P      53 34.00  -1.7
        1.0s    22.50nm          5.3mb
IPM    59.36 242 ePd    53 37.30   0.6
        1.2s    63.40nm          5.6mb
KGM    59.98 238 eP     53 41.50   0.6
LBFM   60.51  60 P      53 45.00   0.4
MTN    60.68 202 eP     53 45.00  -0.5
SES    61.20  46 ePc    53 47.80  -1.1
ORV    61.82  61 P      53 51.80  -1.4
PSI    62.14 243 eP     54 11.00  15.5X
FFC    62.77  39 iPd    53 58.80  -0.5
        1.1s    59.00nm          5.6mb
LRM    63.27  51 eP     54 02.50  -0.6
CMB    63.44  62 P      54 03.80  -0.2
        0.3s     4.64nm          5.1mb
KAF    63.94 334 eP     54 05.20  -1.6
        0.7s     8.10nm          4.9mb
KVN    64.21  60 P      54 09.90   0.6
HPI    64.23  53 P      54 08.30  -1.1
BONR   64.77  61 P      54 13.70   0.7
OUE    65.12 288 iP+    54 14.50  -0.7
        1.4s   153.49nm          5.9mb
                ePP    54 33.20
                eS     02 52.50
PTI    65.18  54 P      54 15.60   0.2
TNP    65.36  60 P      54 15.80  -0.9
        1.0s    18.93nm          5.1mb
HYB    65.40 270 ePc    54 16.00  -0.9
        1.0s   100.00nm          5.9mb
                eS     02 57.00
OBN    65.46 325 eP     54 11.00  -5.7X
        1.0s    28.00nm          5.3mb
      Z  14s     4.20um          5.8MszX
      N  16s     4.60um
      E  16s     1.20um
                i      54 26.00  54kmX
                ePcP   54 49.00
                i      55 04.00
                ePP    56 41.00
                eS     03 04.00
                ePS    03 30.00
                eScS   04 22.00
                eSS    07 40.00
                LQ     13 48.00
HVU    65.64  55 P      54 18.40   0.0
NUR    65.69 334 eP     54 16.00  -2.1
      Z  18s     2.10um          5.4Msz
                LR     25 10.00
MAIO   66.06 298 iPc+   54 20.00  -1.1
                eS     03 08.00
QIS    66.47 191 iPd    54 22.50  -1.0
                i      54 35.40  45km
DUG    66.64  56 P      54 24.30  -0.5
        0.2s     0.59nm          4.3mb X
WB2    66.77 197 iPc    54 24.80  -0.7
        0.9s    46.90nm          5.6mb
                e      54 34.60  31km
WRA    66.77 197 P      54 22.40  -3.1X
        0.7s    12.00nm          5.1mb
BW06   66.82  52 P      54 25.00  -1.0
        1.1s    19.84nm          5.1mb
DAU    67.40  55 P      54 30.50   0.7
POO    67.96 274 iPc    54 29.50  -3.7X
                iS     03 26.00
MSU    68.11  57 P      54 33.70  -0.5
UPP    68.28 337 iP     54 33.40  -1.1
BOM    68.44 275 eP     54 35.70  -0.4
                eS     03 33.07
SRU    68.68  56 P      54 35.90  -1.8
DZM    68.69 164 iPc    54 38.60   1.1
RSSD   68.90  48 P      54 38.00  -0.9
        1.0s    42.03nm          5.4mb
NB2    68.93 340 P      54 37.20  -1.4
        1.1s    45.40nm          5.4mb
HFS    69.10 339 eP     54 37.90  -1.7
        0.6s    12.10nm          5.1mb
      Z  20s     3.27um          5.6Msz
                LR     23 38.00
ASPA   70.48 196 iPc    54 47.90  -0.5
        1.2s    57.10nm          5.5mb
                e      54 59.10  37km
                iS     03 58.30
GLD    71.27  52 P      54 54.20   0.8
OLP    71.93 186 iPd    54 57.50   0.5
BSD    73.09 335 eP     54 57.00  -6.6X
        1.2s    83.00nm          5.6mb
MUD    73.48 339 iPc    55 06.30   0.5
        1.3s    37.00nm          5.2mb
ANMO   73.90  57 P      55 09.50   0.6
        1.2s    12.50nm          4.8mb
ALQ    73.90  57 eP     55 08.00  -1.0
        1.0s    10.50nm          4.8mb
      Z  22s     1.48um          5.2Msz
WARB   74.60 202 iPd    55 13.00   0.3
SHI    74.85 297 eP     55 15.00   0.5
ARMA   75.51 179 iPc    55 20.00   2.1
        0.9s    26.00nm          5.2mb
MSL    75.69 307 ePc    55 19.00   0.1
                ePcP   55 31.50
```

			eS	04 56.00	
KSP	76.33	332	iP	55 21.50	-0.8
	1.1s	65.00nm			5.5mb
			i	55 48.40	104kmX
SPC	76.37	329	eP	55 23.20	0.4
CFR	76.49	322	eP	55 23.00	-0.3
VRI	76.55	323	ePc	55 23.00	-0.6
BRD	76.70	323	eP	55 27.00	2.5
CMS	76.70	184	iPd	55 25.20	0.8
	1.3s	29.00nm			5.1mb
ACO	76.79	51	e(P)	55 24.50	-0.7
CVO	76.82	324	ePd	55 26.00	0.8
KAS	76.89	316	eP	55 26.50	0.8
CLL	76.96	334	iPc	55 24.90	-0.9
	1.3s	145.00nm			5.8mb
	Z 18s	3.00um			5.7Msz
			i	55 40.80	57kmX
			i	55 51.60	
BRG	77.05	334	iP	55 25.40	-0.9
	1.3s	58.00nm			5.4mb
MLR	77.18	324	iPd	55 29.50	2.2
EKA	77.21	345	Pc	55 27.20	0.1
	1.4s	81.70nm			5.6mb
ISR	77.22	323	ePd	55 29.00	1.6
BHD	77.22	305	ePd	55 29.00	1.5
			ePcP	55 39.00	
			eS	05 12.00	
			eScS	05 31.00	
MDB	77.30	325	iPc	55 33.00	5.2X
WIT	77.40	339	eP	55 29.50	1.4
STK	77.41	188	iPd	55 34.20	5.8X
PSZ	77.56	329	iP	55 29.50	0.3
PRU	77.63	333	P	55 28.50	-1.0
	1.4s	77.50nm			5.5mb
	Z 19s	7.30um			6.0Msz
	N 19s	4.60um			
	E 18s	2.70um			
			e	55 39.00	34km
			e	55 56.00	
			eS	06 04.00	
CMP	77.74	324	ePc	55 32.00	1.8
MOX	77.97	335	iP	55 31.50	0.1
	1.4s	83.00nm			5.6mb
	Z 20s	3.50um			5.7Msz
	N 21s	2.10um			
	E 20s	2.30um			
HOF	78.18	335	eP	55 32.50	-0.1
	1.2s	61.00nm			5.5mb
SRO	78.22	329	iP	55 33.30	0.6
BUD	78.24	329	eP	55 33.00	0.1
ZST	78.32	330	eP	55 33.80	0.5
VKA	78.53	331	iPc	55 35.30	0.8
	2.8s	272.00nm			5.8mb
			i	55 45.70	33km
BBTK	78.55	316	ePc	55 24.00	-10.9X
			i	55 35.00	36km
KHC	78.69	333	Pc	55 35 50	0.1
	1.2s	72.50nm			5.6mb
	Z 18s	6.50um			6.0Msz
	N 18s	3.40um			
	E 18s	2.90um			
			e	55 41 50	19kmX
			e	56 02 30	
BZS	78.83	326	eP	55 37 00	0.9
GEC2	78.90	333	Pd	55 34 80	-1.8
	0.5s	7.70nm			4.9mb
WET	78.90	333	iPc	55 37 70	1.2
	1.2s	172.00nm			5.9mb
GRF	78.93	335	iPc	55 36 80	0.1
	1.4s	193.00nm			5.9mb
	Z 18s	3.00um			5.7Msz
			e(pP)	55 59 40	85kmX
			e	56 03 90	
			e	56 10.20	
BNS	78.94	338	iPc	55 36.40	-0.3
UZD	79.16	329	iP	55 38.30	0.4
TNS	79.26	336	eP+	55 38.90	0.4
MEM	79.58	338	iPc	55 39.68	-0.4
YLV	79.60	319	eP	55 41.00	0.4
IZI	79.74	318	iP	55 42.00	0.7
UCC	79.83	339	P	55 44.00	2.6
BEO	79.94	327	iPc	55 42.50	0.3
SNF	80.11	339	iPd	55 42.92	0.0
BHG	80.15	333	eP	55 43.90	0.6
	1.3s	107.00nm			5.7mb
ETA	80.26	346	eP	55 44.50	0.8
FUR	80.27	334	iPc	55 44.40	0.5

	1.7s	273.00nm			6.0mb
	Z 20s	3.00um			5.6Msz
FVM	80.36	45	P	55 44.00	-0.6
	1.5s	82.40nm			5.5mb
WLF	80.40	338	P	55 45.00	0.5
DOU	80.41	339	P	55 44.60	0.0
EDC	80.47	319	eP	55 46.00	0.9
KBA	80.56	332	iPd	55 46.10	0.4
	1.1s	126.00nm			5.8mb
			i	56 06.10	74kmX
			i	56 31.30	
PTJ	80.69	330	iPd	55 46.00	-0.3
ADE	80.78	190	e(P)	55 48.00	1.4
ECP	80.79	346	eP	55 46.80	0.3
	0.7s	142.00nm			6.1mb
RBL	81.04	332	P	55 49.80	1.7
LJU	81.07	331	e(P)	55 47.50	-0.6
SOTA	81.12	333	iPd	55 48.80	0.2
			i	56 06.40	64kmX
			i	56 11.50	
FVI	81.17	332	P	55 48.70	0.1
CDF	81.23	336	P	55 48.58	-0.5
VBY	81.28	330	eP	55 49.20	0.0
VOY	81.29	331	eP	55 48.70	-0.7
KHL	81.31	317	iP	55 49.70	0.1
CEY	81.37	331	eP	55 49.50	-0.2
ECH	81.44	336	P	55 49.56	-0.5
OGA	81.50	333	iPd	55 51.20	0.6
	1.2s	98.00nm			5.7mb
ELC	81.50	44	P	55 49.60	-0.9
FEL	81.50	336	P	55 49.94	-0.6
PLE	81.61	326	iPd	55 50.40	-0.8
TRI	81.62	331	eP	55 49.40	-1.6
BHL	81.63	310	P	55 50.00	-1.4
			S	06 00.00	
RIY	81.72	331	eP	55 50.60	-0.9
ZLA	81.75	335	ePd	55 51.80	0.1
VITF	81.77	337	P	55 51.31	-0.4
MOF	81.78	336	P	55 51.31	-0.6
IVA	81.80	326	iPd	55 51.50	-0.6
HAU	81.86	337	eP	55 51.80	-0.5
	1.1s	34.20nm			5.3mb
	Z 20s	2.40um			5.6Msz
BSF	81.89	336	eP	55 51.80	-0.7
	1.1s	34.20nm			5.3mb
OSS	81.93	334	ePd	55 53.20	0.3
SKO	81.93	324	iP	55 53.20	0.5
	1.2s	153.00nm			5.9mb
	Z 18s	5.55um			6.0Msz
	E 18s	3.46um			
			i	56 27.30	135kmX
			LR	36 16.00	
PVY	82.00	326	iPd	55 52.90	-0.3
VAY	82.01	323	iP	55 53.30	0.2
	1.2s	207.00nm			6.0mb
BBS	82.02	336	P	55 52.92	-0.2
CTI	82.02	333	P	55 52.50	-0.7
CSS	82.04	313	eP	55 54.50	1.1
LLS	82.12	335	ePd	55 54.20	0.3
GRT	82.20	45	P	55 55.50	1.3
NKY	82.20	326	iPd	55 53.38	-0.9
BRY	82.31	327	eP	55 53.16	-1.7
LOMF	82.32	336	P	55 54.53	-0.2
VDL	82.32	334	ePd	55 55.40	0.5
ELL	82.37	316	iP	55 55.00	-0.2
TTG	82.43	326	eP	55 53.72	-1.5
HCY	82.71	326	iPd	55 54.56	-2.2
BDV	82.72	326	iPd	55 55.70	-1.1
ULC	82.82	326	iPd	55 56.60	-0.8
TMA	82.84	334	ePd	55 57.40	-0.2
FLN	82.88	341	eP	55 57.10	-0.4
	1.2s	110.10nm			5.8mb
	Z 21s	1.80um			5.4Msz
MDI	82.88	334	P	55 57.40	-0.1
OHR	82.92	324	iP	55 57.50	-0.4
	1.1s	196.00nm			6.1mb
LDF	82.95	341	eP	55 57.50	-0.4
	1.2s	80.35nm			5.7mb
VAI	83.09	334	P	55 59.10	0.5
MMK	83.17	335	ePd	56 00.70	1.3
LOR	83.21	338	eP	55 59.00	-0.3
	0.8s	31.55nm			5.5mb
	Z 19s	6.00um			6.0Msz
DIX	83.30	335	ePd	56 00.80	0.7
GRR	83.31	341	eP	55 59.70	0.0
	1.2s	190.40nm			6.1mb
LBF	83.44	338	eP	56 00.10	-0.4

EMS	83.45	336	ePd	56 01.00	0.2
SSF	83.49	338	eP	56 00.50	-0.2
	1.1s	41.50nm			5.5mb
ORX	83.54	335	P	56 00.92	-0.2
LPF	83.69	341	eP	56 01.70	0.0
	1.2s	133.90nm			5.9mb
AVF	83.78	338	eP	56 02.20	0.0
SMF	83.79	338	eP	56 02.20	0.0
SFI	83.84	331	P	56 04.00	1.6
ARV	83.84	331	P	56 03.30	0.8
BOB	83.87	333	P	56 03.30	0.6
PWLA	83.90	45	P	56 02.40	-0.5
PGD	83.92	332	P	56 04.50	1.4
LSD	83.94	335	P	56 03.28	-0.1
MME	83.98	332	P	56 04.50	1.0
LPL	84.02	335	eP	56 04.00	0.3
	1.1s	37.85nm			5.4mb
LPG	84.03	335	eP	56 04.20	0.4
	0.8s	28.20nm			5.5mb
CRE	84.06	331	P	56 04.50	0.7
BST	84.08	343	P	56 03.66	0.0
BDI	84.13	332	P	56 04.50	0.4
BGF	84.13	338	eP	56 04.10	0.2
	1.4s	95.85nm			5.8mb
FIR	84.17	332	eP	56 05.00	0.9
RSP	84.19	335	P	56 04.10	-0.3
PCP	84.35	334	P	56 05.74	0.6
BNI	84.45	335	P	56 11.50	5.7X
PII	84.46	332	P	56 05.00	-0.6
PLDF	84.47	338	P	56 06.10	0.3
BHB	84.47	335	P	56 04.41	-1.3
MAF	84.51	338	eP	56 06.50	0.6
AGO	84.52	338	P	56 06.62	0.7
RRL	84.54	335	P	56 06.46	0.1
TCF	84.54	339	eP	56 06.30	0.2
	1.3s	93.85nm			5.8mb
AQU	84.68	330	P	56 08.30	1.5
LSF	84.75	339	eP	56 07.50	0.4
FIN	84.76	334	P	56 06.66	-0.5
ROB	84.78	334	P	56 06.56	-0.8
PZZ	84.83	335	P	56 06.25	-1.4
MFF	84.83	340	eP	56 07.80	0.4
	1.1s	75.70nm			5.8mb
PYM	84.84	338	P	56 08.04	0.4
DUI	84.91	329	P	56 09.30	1.3
MNS	84.91	330	P	56 08.10	0.1
ENR	84.98	334	P	56 07.07	-1.3
STV	85.00	335	P	56 07.28	-1.1
SDI	85.10	329	P	56 08.80	-0.2
IMI	85.13	334	P	56 08.10	-0.9
GBTN	85.21	42	P	56 10.30	0.8
LBL	85.25	338	P	56 10.16	0.5
SBF	85.31	334	eP	56 09.50	-0.5
	1.3s	86.65nm			5.8mb
MAO	85.41	331	P	56 10.40	0.0
TKL	85.42	42	P	56 11.00	0.4
RJF	85.64	339	eP	56 11.90	0.4
	1.1s	68.35nm			5.8mb
	Z 20s	4.75um			5.9Msz
FRF	85.82	335	eP	56 12.40	0.0
	1.3s	79.40nm			5.8mb
CAF	85.85	338	eP	56 12.60	0.0
CVL	85.86	37	P	56 13.90	1.2
CDR	85.98	335	ePc	56 13.90	0.7
LRG	86.00	335	eP	56 13.50	0.2
	1.1s	73.25nm			5.8mb
	Z 18s	5.00um			6.0Msz
PGF	86.00	333	eP	56 13.00	-0.5
	1.1s	24.40nm			5.3mb
LMR	86.07	335	eP	56 13.70	0.0
	1.1s	105.00nm			6.0mb
LFF	86.17	339	eP	56 13.90	-0.3
	1.2s	119.00nm			6.0mb
LPO	86.30	339	eP	56 14.40	-0.4
	1.1s	75.70nm			5.8mb
HLW	87.07	311	(P)	56 13.00	-5.8X
			eS	06 49.00	
PRM	87.37	42	P	56 20.50	0.3
LSPF	87.73	338	P	56 23.22	1.4
LHS	87.77	40	P	56 23.00	1.0
LESF	87.82	338	P	56 23.43	1.2
GRBF	87.93	338	P	56 24.63	1.8
EPF	88.06	339	eP	56 23.60	0.2
	1.1s	17.10nm			5.3mb
BTH	88.11	339	iPc	56 25.00	1.4
			iPcP	56 26.60	
			ipP	56 35.50	33km

02d 17h

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                    sP     56 41.00
                    i      57 33.50
TOL     92.11 341 eP     56 42.00  -0.3
                    eS     08 36.00
BCAO   114.68 306 iPKPd 02 13.90  -0.3
         0.9s     13.00nm
                    i      03 07.10
TIC    123.80 331 PKP    02 30.24  -1.3
KIC    123.97 330 PKP    02 30.78  -1.1
         0.9s      6.50nm
LIC    124.19 331 PKP    02 31.28  -1.0
      Z  20s       0.70um            5.3Msz
BUL    126.54 278 iPKPc 02 36.20  -0.7
                    iPP    04 32.00
LPB    136.59  61 PKP    02 57.00   0.6
      Z  24s       2.33um            5.8MszX
                    LR     49 10.00
SIV    140.31  53 PKPc   02 56.00  -6.7X
                    i      03 03.00
LNV    145.93  85 ePKPd 03 11.50  -0.4
PEL    145.99  83 iPKPd 03 12.90   0.7
RTBS   146.01  80 iPKPc 03 14.00   1.9
PDCR   146.13  18 ePKP   03 14.50   1.7
SAN    146.18  84 ePKP   03 13.00   0.6
BAO    146.34  34 PKPd   03 14.00   0.7
                    e      03 24.50
                    e      03 39.00
RTCB   146.36  79 iPKPc 03 15.20   2.3X
PCH    146.37  84 ePKP   03 12.50  -0.3
CACH   146.58  85 ePKP   03 14.00   0.8
CFA    146.82  79 e(PKP)03 14.80   1.3
MDZ    147.13  82 ePKP   03 15.70   1.7
NVL    147.78 204 (PKP)c03 16.00   2.2X
         1.4s    121.00nm
      Z  18s       1.00um            5.6Msz
      N  18s       0.50um
      E  18s       0.50um
                    e      03 19.50
                    e      03 29.50
                    e      03 47.50
                    e      04 09.00
                    e      05 06.00
RFA    148.42  84 iPKPc 03 16.60   0.6
ITB1   150.96  53 e(PKP)03 26.00   6.0X
      S.D. = 0.9  on 270 of 300 obs.
-----------------------------------------
& FEB 02, 1992  18h 35m 53.55s
   59.801 N            153.050 W
   DEPTH =   97.9km
   2.4mb (  1 obs.)
 SOUTHERN ALASKA                    (  2)
      &lt;AEIC&gt;.

IVS      0.21 356 eP     36 07.62   1.1
INE      0.26 359 eP     36 07.50   1.0
                    eS     36 19.22
INW      0.27 351 eP     36 07.44  -0.7
                    eS     36 19.16
AUE      0.47 200 eP     36 08.34  -0.8
AUP      0.48 203 eP     36 09.50   0.2
PDB      0.58 269 iP     36 09.04  -0.9
                    iS     36 21.21
RED      0.64  13 iP     36 09.80  -0.7
                    eS     36 22.61
RS1      0.68  12 iP     36 10.41  -0.6
                    S      36 24.18
RS2      0.68  12 iP     36 10.45  -0.6
                    eS     36 23.50
RSO      0.68  12 iP     36 10.43  -0.6
                    eS     36 23.46
RDW      0.69  10 iP     36 10.49  -0.7
                    eS     36 24.08
REF      0.71  14 iP     36 10.68  -0.7
                    eS     36 24.14
XLV      0.76 117 eP     36 10.81  -0.8
NCT      0.77   4 iP     36 11.01  -0.8
                    eS     36 24.65
DFR      0.81  13 iP     36 11.47  -0.8
                    eS     36 25.79
RDT      0.84  22 iP     36 11.63  -0.8
                    eS     36 25.66
MCNL     0.90 227 eP     36 11.92  -1.1
NNL      0.92  74 iP     36 13.50   0.3
CNPM     0.96 106 eP     36 12.89  -0.8
                    eS     36 27.98
BRLK     1.10  91 eP     36 14.27  -0.9
                    eS     36 30.74
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BGM      1.18 251 eP     36 14.75  -1.5
BKG      1.33  17 iP     36 17.26  -0.8
SPU      1.47  19 iP     36 18.71  -1.1
                    eS     36 39.13
BGL      1.50  12 iP     36 19.50  -0.7
CRP      1.54  16 eP     36 19.97  -0.7
                    S      36 42.05
SLKM     1.58  62 eP     36 20.37  -0.8
CGLM     1.60  18 iP     36 20.58  -0.8
NCG      1.67  15 iP     36 21.51  -0.8
SVW      1.83 317 eP     36 22.74  -1.6
SEW      1.84  79 eP     36 23.20  -1.2
SUA      2.02  33 eP     36 26.26  -0.7
PMS      2.25  48 eP     36 28.96  -1.0
SKT      2.31  18 eP     36 29.38  -1.3
PWA      2.42  39 eP     36 31.63  -0.5
LTI      2.63  83 eP     36 33.36  -1.6
PLRM     2.64  45 eP     36 33.08  -1.9
KNK      2.78  53 eP     36 34.73  -2.4
GHO      2.83  44 eP     36 35.96  -1.8
CUT      2.94  26 eP     36 38.55  -0.6
SML      3.07  47 eP     36 38.73  -2.2
GLI      3.15  67 eP     36 39.57  -2.5
FID      3.41  71 eP     36 42.42  -3.2
YKA     18.56  65 eP     40 01.20  -3.8
         0.4s      0.10nm           2.4mb
         43 obs. associated
-----------------------------------------
% FEB 02, 1992  19h 14m 07.72± 0.76s
   42.539 N ± 5.9km   19.848 E ± 5.8km
   DEPTH =   10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION         (383)
      ML 1.6 (TTG).

PVY      0.11  59 iPgd   14 10.68   0.0
                    iSg    14 13.04
IVA      0.33   6 iPgc   14 14.72   0.0
                    iSg    14 19.66
TTG      0.45 256 iPgd   14 16.76  -0.1
                    iSg    14 23.48
NKY      0.68 294 iPgd   14 21.06  -0.3
                    iSg    14 31.02
ULC      0.73 218 iPgd   14 21.90  -0.1
                    iSg    14 32.86
BDV      0.80 252 iPgd   14 23.32   0.1
                    iSg    14 34.94
PLE      0.86 337 iPgd   14 24.24  -0.1
                    iSg    14 36.92
HCY      1.00 265 iPgd   14 26.90   0.2
                    iSg    14 41.88
BRY      1.03 291 iPgd   14 27.38   0.2
                    iSg    14 42.50
      S.D. = 0.2  on   9 of   9 obs.
-----------------------------------------
   FEB 02, 1992  19h 37m 16.50± 0.34s
   4.158 S ± 6.1km  102.157 E ± 7.2km
   DEPTH =   62.5km  (  5 depth phases)
   5.2mb ( 22 obs.)
 SOUTHERN SUMATERA, INDONESIA       (274)

KGM      6.24  11 ePd    38 50.00   1.8
         1.0s    249.30nm           5.6mb
                    e      38 58.10
                    e      40 35.20
KLM      7.23 356 eP     39 04.00   2.1
IPM      8.75 353 ePc    39 22.30  -0.7
         0.9s    119.10nm           5.8mb
SNG     11.36 352 eP     39 58.00  -0.5
         1.0s     90.00nm           5.7mb
                    eS     42 00.00
KHKI    14.01 108 eP     40 32.80  -0.6
                    eS     43 00.70
                    e      45 50.00
KKM     17.31  54 ePc    41 17.50   1.8
         1.0s     67.90nm           4.8mb
TSM     17.80  62 eP     41 23.70   2.0
PCI     17.95  80 ePc    41 26.70   3.2X
                    e      44 48.50
WSI     18.81 108 e(P)   41 28.80  -5.2X
                    eS     44 54.80
                    e      48 56.70
KHT     19.15 349 iPd    41 36.20  -1.6
NST     19.80 354 eP     41 50.50   5.8X
LOE     21.43 359 eP     42 00.50  -0.9
BDT     21.49 352 eP     42 00.00  -2.0
CHG     23.04 352 eP     42 17.50   0.2
         1.0s     11.00nm           4.2mb
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                    e      48 29.10
CHTO    23.04 352 eP     42 16.30  -1.0
         1.0s     10.75nm           4.2mb
KNA     28.58 116 eP     43 06.60  -2.4
HYB     31.66 313 eP     43 36.00  -0.3
COOL    32.05 148 eP     43 38.40  -1.1
WB2     35.07 119 iPc    44 04.80  -1.0
         0.4s     23.30nm           5.5mb
POO     35.86 310 iPd    44 12.00  -0.5
ASPA    36.25 125 iPc    44 15.10  -0.6
         0.7s     17.10nm           5.1mb
                    i      44 21.80  23kmX
                    iS     49 50.60
SSE     39.48  26 eP     44 42.00  -0.6
QIS     39.90 117 iPc    44 45.40  -0.9
         0.3s      5.00nm           4.9mb
NDI     40.51 325 iPc    44 51.00  -0.2
         0.5s     45.77nm           5.6mb
MNDI    41.37  95 eP     44 45.50 -13.2X
PMG     44.96  99 eP     45 24.50  -3.0X
ADE     45.64 137 eP     45 33.60   0.8
BJI     45.83  15 eP     45 33.50  -0.5
         1.6s     69.00nm           5.3mb
QLP     45.97 123 iPd    45 36.10   0.7
         0.8s     50.00nm           5.5mb
SHNJ    46.86  33 P      45 24.70 -17.5X
QUE     47.96 318 eP     45 51.20  -0.1
CMS     49.17 129 iPd    46 00.60   0.2
         0.7s      8.00nm           4.9mb
BFD     49.45 137 iPd    46 06.20   3.8X
TOO     51.67 136 eP     46 21.00   1.6
ARMA    53.40 125 iPd    46 33.80   1.4
         0.8s     15.00nm           5.1mb
IRK     56.24   2 ePc    46 51.10  -1.5
         1.8s     30.00nm           5.0mb
                    e      47 07.10  60km
DZM     64.64 112 iPd    47 49.90  -0.5
YAK     69.29  13 iPc    48 16.30  -2.6
         1.3s     61.00nm           5.4mb
                    i      48 33.00  61km
                    i      48 55.00
                    i      52 55.00
                    i      53 03.00
                    e      55 49.00
                    e      56 32.00
                    e      57 13.00
EWZ     71.76 134 eP     48 34.80   0.6
BUL     73.13 250 iPd    48 42.90   0.0
                    i      49 00.20  63km
OBN     79.73 328 iPd    49 19.00   0.0
         1.7s    120.00nm           5.5mb
                    i      49 35.00  57km
                    e      50 08.00
                    e      52 38.00
VRI     82.89 317 ePc    49 37.00   1.2
MLR     83.34 317 eP     49 40.00   1.7
BCAO    83.98 275 iPd    49 43.50   1.5
         0.9s     14.00nm           5.0mb
                    i      50 03.10  71km
KAF     87.07 333 eP     49 56.50   0.2
         0.8s     14.60nm           5.2mb
NUR     87.47 331 eP     49 58.70   0.5
         0.4s      4.20nm           5.0mb
SPC     87.84 319 eP     50 01.00   0.5
                    e      58 05.00
SRO     88.92 318 eP     50 06.20   0.8
ZST     89.77 318 eP     50 09.40   0.0
                    e      58 23.30
PTJ     90.31 316 eP     50 10.30  -1.8
KSP     90.58 321 eP     50 14.60   1.5
                    e      58 02.40
VBY     90.76 315 eP     50 14.70   0.6
BRG     92.06 321 e(P)   50 21.70   1.8
         1.6s     24.00nm           5.4mb
GEC2    92.08 319 eP     50 19.90  -0.3
         1.0s      1.53nm           4.4mb
INK    106.02  19 iPdiff51 41.30  18.8X
         0.9s     55.00nm
PNT    122.77  31 ePKP   56 07.00   0.1
         0.7s      6.00nm
FFC    125.92  17 ePKP   56 12.00  -0.9
         0.8s     10.00nm
SES    126.12  26 ePdiff52 57.00   4.5X
         0.7s     32.00nm
SES    126.12  26 ePKP   56 11.00  -2.5X
LRM    128.72  31 ePdiff53 00.50  -4.0X
BAO    144.51 236 PKPc   56 48.00  -0.6
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e 57 03.60
CYA 145.57 199 iPKPc 56 46.00 -4.0X
S.D. = 1.2 on 50 of 62 obs.

FEB 02, 1992 19h 40m 22.16± 0.49s
14.521 N ± 3.3km 145.828 E ± 5.7km
DEPTH = 114.7 ± 4.6 km
5.3mb (38 obs.)
MARIANA ISLANDS (216)
Felt (III) on northern Guam.
Also felt on Saipan.

SAPN 0.69 354 eP 40 42.00 0.9
eS 40 54.00
PJG 1.32 225 iPd 40 47.20 -0.3
GUMO 1.32 225 iPd 40 47.30 -0.2
eS 41 04.80
GUA 1.32 222 iPd 40 47.20 -0.3
RAB 19.63 161 iPd 44 45.00 0.8
0.9s 1344.54nm 6.3mb X
MDG 19.64 180 eP 44 41.90 -2.4
SWI 21.01 225 ePc 44 59.50 1.2
LAT 21.07 177 eP 44 59.80 1.0
KAGJ 21.51 323 P 45 05.10 1.9
WKYJ 21.69 337 P 45 04.60 -0.3
IIDJ 22.05 343 P 45 09.00 0.5
TKSJ 22.12 333 P 45 10.70 1.6
KAKJ 22.18 348 P 45 08.80 -0.8
CHJJ 22.29 345 P 45 08.10 -2.7
KUMJ 22.55 325 iP+ 45 15.60 2.3
TSRJ 22.72 339 P 45 15.80 0.9
MAT 22.96 344 eP 45 16.00 -1.3
0.8s 94.03nm 5.2mb
eS 49 25.00
MTMJ 23.11 343 eP 45 18.10 -0.7
YONJ 23.40 334 P 45 22.40 0.9
NIIJ 23.43 346 P 45 21.10 -0.7
SHNJ 23.63 328 P 45 24.30 0.6
YAMJ 24.11 349 P 45 27.90 -0.5
OFUJ 24.74 352 P 45 33.20 -1.1
AAI 25.15 225 eP 45 39.00 0.6
HNR 27.61 149 e(P) 45 59.00 -1.8
HOOJ 27.85 356 eP 46 01.30 -1.4
SSE 27.97 310 Pd 46 04.00 0.1
1.2s 103.00nm 5.4mb
Z 20s 0.50um 4.1Msz
pP 46 19.90 67kmX
sP 46 30.00
eS 50 38.00
MRRJ 28.11 353 eP 46 03.90 -1.1
KUSJ 28.49 358 P 46 06.80 -1.7
ASAJ 29.62 355 P 46 18.20 -0.4
QIS 35.39 190 iPd 47 08.50 -0.3
0.8s 55.00nm 5.5mb
WB2 36.06 199 iPc 47 14.50 0.0
1.0s 56.20nm 5.4mb
iS 53 15.80
BJI 36.31 320 eP 47 17.00 0.6
1.5s 276.00nm 5.9mb
Z 20s 0.42um 4.2Msz
eS 52 42.00
KHKI 37.62 235 ePd 47 27.80 0.2
e 49 55.20
ASPA 39.70 197 iPd 47 45.20 0.3
0.5s 56.80nm 5.6mb
eS 53 40.20
iScS 57 44.60
QLP 40.89 182 iPd 47 54.00 -0.5
0.6s 189.00nm 6.0mb
DZM 41.61 151 iPd 48 01.00 0.4
KMI 41.73 292 Pc 48 03.50 1.7
1.5s 100.00nm 5.4mb
pP 48 16.00 46kmX
NST 44.07 278 eP 48 27.00 6.4X
WARB 44.56 205 eP 48 25.80 1.4
0.4s 15.00nm 5.1mb
CHTO 45.02 282 iP 48 29.00 0.8
1.0s 11.75nm 4.6mb
pP 48 55.20 113kmX
ARMA 45.03 173 iPd 48 28.60 0.5
0.7s 29.00nm 5.2mb
KHT 45.63 277 iPc 48 35.20 2.1
FORR 48.22 201 eP 48 53.00 -0.1
0.4s 22.00nm 5.3mb
ADE 49.68 188 iPd 49 05.00 0.7
0.8s 125.37nm 5.9mb
IRK 50.05 328 iPc 49 07.40 0.5
1.4s 93.00nm 5.5mb
e 49 28.30
COOL 51.00 208 eP 49 13.00 -1.4
BFD 51.51 183 iPd 49 21.80 3.7X
1.0s 130.00nm 5.8mb
i 49 47.30
TOO 51.81 180 iPd 49 21.90 1.5
0.8s 200.00nm 6.1mb
i 49 52.20
BAL 52.90 212 eP 49 28.00 -0.5
KLB 53.17 210 eP 49 29.50 -1.0
MUN 54.25 211 eP 49 38.00 -0.5
MHA 55.67 75 P 49 49.90 0.9
RKG 55.98 209 eP 49 50.50 -0.4
GUN 56.96 294 P 49 40.60 -17.9X
KKN 57.49 294 P 49 42.20 -19.9X
SDN 57.84 33 P 50 02.70 -1.1
0.9s 169.89nm 6.0mb
GKN 58.06 294 P 49 50.20 -15.8X
LTZ 61.98 158 eP 50 31.20 -1.0
EWZ 62.13 160 eP 50 32.80 -0.3
KHZ 62.13 157 eP 50 31.30 -1.8
MSZ 62.24 162 eP 50 34.10 0.3
SVW 62.41 28 P 50 34.90 0.0
0.6s 17.31nm 5.2mb
pP 50 59.40 98kmX
PDB 62.61 30 P 50 35.00 -1.2
BWZ 62.72 161 eP 50 36.10 -0.9
KDC 62.83 32 P 50 37.40 -0.2
1.9s 281.45nm 5.9mb
TTA 62.92 26 P 50 37.90 -0.4
0.6s 15.73nm 5.1mb
RSO 63.51 29 P 50 41.30 -1.1
HYB 64.45 283 iPc 50 48.70 -0.2
1.0s 30.00nm 5.2mb
NDI 64.58 295 iPc 50 49.00 -0.6
1.1s 58.23nm 5.4mb
SLKM 64.73 29 P 50 49.00 -1.0
pP 51 15.10 104kmX
IMA 65.04 23 eP 50 52.50 0.4
PMR 65.53 28 eP 50 54.00 -1.0
RND 66.14 27 P 50 57.70 -1.4
pP 51 24.90 109kmX
BRW 66.17 17 P 50 59.10 0.1
FBA 66.99 25 P 51 03.40 -1.0
0.6s 21.94nm 5.2mb
pP 51 30.00 106kmX
KLU 67.00 29 P 51 04.40 -0.2
pP 51 31.20 107kmX
BALM 68.61 30 P 51 14.40 -0.3
pP 51 43.30 116kmX
POO 68.72 284 iPc 51 12.50 -3.4X
QUE 73.36 298 eP 51 44.60 0.8
1.1s 44.30nm 5.2mb
MAIO 78.64 305 iPc 52 14.40 1.1
0.8s 20.68nm 5.0mb
GMW 80.36 43 P 52 24.00 1.8
LON 81.17 44 P 52 29.50 3.0X
YKA 81.61 28 eP 52 28.50 0.2
0.6s 19.20nm 5.1mb
PNT 82.06 41 eP 52 32.00 1.0
0.6s 9.00nm 4.8mb
VGB 82.13 45 P 52 33.20 1.7
ORV 82.93 51 P 52 36.80 1.1
DPW 83.32 42 P 52 38.80 1.3
pP 53 06.60 106kmX
ARN 83.40 53 P 52 38.10 -0.1
CMB 84.13 52 P 52 43.40 1.6
1.3s 20.29nm 4.9mb
BONR 85.74 52 P 52 51.60 1.4
TNP 86.53 52 P 52 55.30 1.3
PEC 87.71 56 P 53 01.20 1.7
0.9s 6.73nm 4.7mb
HPI 87.90 45 P 53 02.40 1.9
DAG 88.43 356 ePd 53 01.00 -1.0
0.7s 11.64nm 5.1mb
HVU 88.73 47 P 53 06.10 1.7
OBN 88.82 327 iPc 53 03.50 -0.8
1.0s 52.00nm 5.6mb
e 53 29.00
e 54 27.00
e 56 23.00
DUG 89.19 49 P 53 08.00 1.4
0.6s 5.22nm 4.8mb
pP 53 35.20 102kmX
DAU 90.25 48 P 53 13.00 1.3
pP 53 38.80 96kmX
KAF 90.26 336 iP 53 09.20 -1.7
0.8s 32.20nm 5.5mb
FFC 90.53 32 iPc 53 12.80 0.5
0.9s 17.00nm 5.2mb
EMUT 90.77 49 P 53 15.20 1.2
SRU 91.22 49 P 53 17.30 1.3
pP 53 55.30 149kmX
NUR 91.81 335 iP 53 16.40 -1.6
0.4s 8.60nm 5.4mb
UPP 95.00 337 iP 53 30.70 -2.0
HFS 96.28 338 eP 53 37.50 -1.1
0.5s 3.10nm 5.1mb
KAS 96.30 315 eP 53 38.50 -0.6
NB2 96.51 340 P 53 38.40 -1.3
0.7s 3.90nm 5.0mb
BRG 102.53 331 e(Pdif54 08.20 1.5
CLL 102.67 332 ePdiff54 07.00 -0.3
GEC2 104.01 330 Pdiff 54 12.00 -1.5
0.6s 0.62nm 4.7mb
KBA 105.38 328 ePKP 58 33.00 -0.2
1.0s 12.50nm
i 58 45.30
CDF 107.33 332 ePKP 58 55.70 19.0X
BUL 120.09 255 iPKPc 59 02.20 0.3
BCAO 124.47 286 iPKPd 59 11.10 0.7
RFA 143.14 129 iPKPc 59 42.10 -2.7X
ARE 144.02 98 ePKP 59 38.00 -9.0X
RTCB 144.13 124 iPKPd 59 46.00 -0.6
TIC 144.25 304 PKPc 59 45.56 -1.6
LIC 144.50 304 PKPc 59 46.44 -1.1
CFA 144.53 125 ePKPd 59 45.60 -1.6
LPB 147.27 98 PKP 59 59.00 6.5X
S.D. = 1.1 on 111 of 122 obs.

FEB 02, 1992 20h 24m 46.30± 0.74s
32.468 S ± 6.2km 68.977 W ± 8.0km
DEPTH = 25.6 ± 6.0 km
MENDOZA PROVINCE, ARGENTINA (139)
MD 4.4 (SAN).

MDZ 0.43 165 eP 24 54.70 -0.7
iS 25 08.50
RTBS 0.90 333 iPc 25 02.20 -0.9
RTCB 0.99 9 iPd 25 04.00 -0.6
CFA 1.06 36 iPd 25 05.20 -0.4
JACH 1.38 261 iPd 25 08.70 -1.4
iS 25 26.30
PEL 1.59 244 iPd 25 12.40 -0.7
iS 25 33.00
SAN 1.72 235 iPd 25 15.20 0.2
PCH 1.73 228 iPd 25 15.20 0.0
iS 25 38.00
ROCH 1.79 253 iPd 25 15.90 -0.2
CHCH 2.03 223 iPd 25 20.10 0.6
iS 25 47.00
CACH 2.13 219 iPd 25 21.10 0.0
iS 25 51.50
IHA 2.31 255 iP 25 24.40 1.0
e(S) 25 49.50
LCCH 2.40 245 iP 25 23.20 -1.5
LNV 2.52 233 ePd 25 24.50 -2.0
S.D. = 0.9 on 14 of 14 obs.

• FEB 02, 1992 21h 26m 54.20± 0.55s
17.823 S ±11.0km 115.987 W ±15.5km
DEPTH = 10.0km (geophysicist)
4.9mb (6 obs.)
SOUTHERN EAST PACIFIC RISE (684)
Mo=6.3•10••17 Nm (PPT).

RTCB 44.67 117 iPc 35 10.00 0.8
CFA 45.16 117 ePc 35 13.50 0.4
LPB 45.67 96 P 35 18.80 1.0
GLA 50.60 1 eP 35 56.00 0.7
PLM 50.89 359 eP 35 59.00 1.3
TPC 51.64 360 eP 36 04.00 0.8
MWC 51.79 358 eP 36 06.00 1.5
SBB 52.25 358 eP 36 09.00 1.2
SIV 52.42 97 P 36 09.00 -0.5
ISA 53.24 357 eP 36 16.00 0.8
MEO 54.87 18 iPc 36 26.50 -0.7
ARN 55.12 355 P 36 30.10 1.1
MSU 56.15 4 P 36 37.50 0.9
SRU 56.86 5 P 36 41.30 -0.4
EMUT 57.54 5 P 36 44.50 -2.0
DUG 57.79 3 P 36 48.70 0.6
1.0s 10.00nm 4.8mb

02d 21h

```
GBTN    61.13  29 P      37 09.10  -1.9
HPI     61.29   2 P      37 12.60   0.3
LRM     63.42   3 eP     37 26.20  -0.3
VAO     64.38 107 eP     37 32.40  -0.7
DPW     65.42 358 P      37 39.20   0.0
SES     68.06   3 eP     37 56.00   0.1
FFC     73.24   8 iPd    38 26.30  -0.8
         1.0s     17.00nm          5.1mb
YKA     80.05   1 eP     39 03.50  -1.6
         1.3s      6.70nm          4.5mb
RSO     83.46 343 P      39 22.20  -1.1
FBA     85.98 347 P      39 34.80  -0.7
         1.0s     33.95nm          5.5mb
INK     86.83 354 eP     39 38.50  -1.1
IMA     88.29 346 P      39 45.90  -1.0
         1.1s      7.18nm          4.9mb
MBC     93.89 359 eP     40 13.00   0.6
         1.0s      5.00nm          4.8mb
BGF    122.49  46 ePKP   45 51.10  -0.3
         1.1s     11.00nm
APO    124.51  27 ePKP   45 53.50  -1.4
         0.6s      1.80nm
BSF    124.91  44 ePKP   45 55.90  -0.3
LPL    125.33  46 ePKP   45 58.10   0.8
         0.9s      4.90nm
LPG    125.35  46 ePKP   45 58.20   0.8
         0.9s      4.90nm
GRF    127.26  41 ePKP   46 01.30   0.7
         1.1s     15.00nm
BRG    128.52  38 iPKP   46 03.20   0.3
         1.0s     20.00nm
KAF    128.52  22 iPKP   46 01.90  -0.7
NUR    128.96  24 iPKP   46 02.70  -0.7
         0.8s     11.50nm
GEC2   129.07  41 PKP    46 03.30  -0.9
         1.0s      3.87nm
KSP    129.91  38 ePKPc  46 06.00   0.4
ZST    131.41  41 ePKP   46 08.00  -0.5
OBN    137.30  23 ePKPc  46 14.00  -5.4X
         1.0s     17.00nm
MLR    138.05  40 ePKP   46 22.00   0.6
VRI    138.35  40 ePKP   46 22.00   0.3
NST    145.38 272 ePKP   46 40.00   5.2X
CHG    146.85 277 ePKP   46 38.60   1.3
         1.0s     12.75nm
QUE    167.40 348 ePKP   47 04.10   2.0X
      S.D. = 0.9  on  44 of  47 obs.
-----------------------------------
*  FEB  02, 1992  22h 47m 26.03± 1.04s
   35.082 N ±10.6km  139.993 E ± 9.5km
   DEPTH =  99.9 ±  9.5 km
   4.9mb (  1 obs.)
 NEAR S. COAST OF HONSHU, JAPAN  (230)
      Felt (II JMA) at Tokyo. Also
      felt at Chibo.

KAKJ     1.13   7 iP+    47 48.70   0.6
                S        48 04.00
CHJJ     1.26 320 iP+    47 49.30  -0.4
                S        48 04.90
IIDJ     1.75 284 iP+    47 56.40   0.5
                S        48 15.70
MAT      2.06 316 iPd    47 59.50  -0.4
                iS       48 21.70
NIIJ     2.30 340 iP+    48 02.70  -0.3
                S        48 30.00
MTMJ     2.33 311 P      48 03.20  -0.3
                S        48 29.30
YAMJ     3.09   1 eP     48 14.30   0.6
TSRJ     3.31 279 iPd    48 16.50  -0.3
WKYJ     3.73 258 P      48 22.90   0.3
                S        49 03.40
OFUJ     4.21  18 P      48 28.40  -0.7
                eS       49 14.20
TKSJ     5.03 259 P      48 41.00   0.6
                S        49 35.40
YONJ     5.35 273 P      48 44.90   0.0
GUN     46.22 277 P      55 44.20   1.0
PKI     46.74 277 P      55 46.60  -0.7
KKN     46.76 277 P      55 47.00  -0.3
GKN     47.20 277 P      55 50.40  -0.3
WB2     54.98 186 iPd    56 49.40   0.3
         0.4s     10.20nm          5.2mb X
                e        59 13.00
WRA     54.98 186 P      56 46.20  -2.9
         0.4s     10.00nm          5.2mb X
ASPA    58.71 187 iPd    57 18.00   2.6X
         0.4s      4.50nm          4.9mb
WARB    62.23 194 iPd    57 41.20   1.9
YKA     66.07  29 eP     58 04.80   0.9
         0.8s      0.50nm          3.5mb X
      S.D. = 1.0  on  20 of  21 obs.
-----------------------------------
?  FEB  02, 1992  22h 59m 30.01± 3.55s
   37.599 S ±14.3km  178.321 E ±27.7km
   DEPTH = 118.1 ± 25.5 km
 OFF E. COAST OF N. ISLAND, N.Z. (160)

HBZ      0.02 271 Pc      59 45.50  -0.7
PUZ      0.48 186 P       59 48.00   0.1
                eS       59 57.90
NOZ      1.04 192 Pd      59 54.30   1.8
URZ      1.16 235 Pd      59 52.80  -1.0
                eS       00 05.40
TAZ      1.57 246 eP      59 58.10  -0.4
KUZ      2.24 291 Pd      00 06.20  -0.7
MOZ      2.92 251 eP      00 16.60   0.7
PGZ      3.41 207 eP      00 22.60   0.2
BSZ      3.44 229 eP      00 25.00   2.1
WCZ      3.60 296 eP      00 25.80   0.9
MNG      3.74 215 eP      00 26.30  -0.5
MTW      4.17 211 eP      00 32.00  -0.7
KIW      4.20 218 eP      00 33.20   0.1
TCW      4.78 220 eP      00 39.10  -1.9
      S.D. = 1.2  on  14 of  14 obs.
-----------------------------------
*  FEB  03, 1992  00h 07m 22.66± 1.79s
   42.103 N ± 8.6km  125.552 W ±16.3km
   DEPTH =  10.0km  (geophysicist)
   3.0mb (  1 obs.)
 OFF COAST OF OREGON              ( 30)

DBO      1.98  58 P       07 56.94   0.2
RNO      2.24  36 P       07 59.80  -0.7
HSO      2.30  51 Pd      08 01.16  -0.2
WMOR     2.33  69 P       08 03.08   1.2
HBO      2.94  53 P       08 11.07   0.6
FBO      3.10  44 P       08 12.29  -0.3
SSOR     3.55  38 P       08 19.04  -0.1
BPO      3.80  47 P       08 22.45  -0.2
KMOR     3.83  22 P       08 23.40   0.4
ORV      3.99 128 eP      08 24.64  -0.5
                eS       09 13.07
VBEM     4.13  43 P       08 26.76  -0.5
VLMM     4.27  35 P       08 29.35   0.1
LVP      4.57  29 P       08 33.20  -0.2
MTMW     4.60  30 P       08 33.17  -0.8
YKA     21.43  14 eP      12 13.60   0.9
         0.8s      0.50nm          3.0mb
      S.D. = 0.6  on  15 of  15 obs.
-----------------------------------
*  FEB  03, 1992  00h 17m 57.21± 1.67s
   38.421 N ± 8.6km   20.704 E ±15.3km
   DEPTH =  10.0km  (geophysicist)
 GREECE                           (364)
      ML 3.7 (ATH).

VLS      0.26 200 iPgd    18 02.50  -0.2
KEK      1.47 332 ePb     18 27.20   3.5X
                eSn      18 49.50
KZN      2.06  23 ePn     18 40.60   8.3X
ATH      2.42 100 ePn     18 43.20   5.8X
VLI      2.46 133 ePg     18 48.50  10.6X
OHR      2.69   2 iPn     18 46.30   5.0X
LCI      2.86 313 P       18 58.00  14.3X
ROI      3.42 291 P       18 53.40   1.7
SKO      3.59   9 ePn     18 55.00   0.9
                e        19 12.00
                eSn      19 40.50
                e        19 55.50
TDS      3.62 291 P       18 58.10   3.6X
CZI      3.66 284 P       18 54.70  -0.3
SOI      3.68 266 P       18 55.00  -0.3
CSI      3.69 293 P       18 57.10   1.5
MMN      3.95 293 P       19 00.80   1.7
BAI      4.00 314 P       19 14.00  14.2X
ATN      4.13 268 P       19 01.00  -0.7
MGR      4.35 295 P       19 06.40   1.6
SGO      4.69 299 P       19 11.70   2.0X
MEU      4.76 256 P       19 06.60  -4.2X
SDI      6.22 304 P       19 29.00  -2.3
ASS      7.67 310 P       19 50.00  -1.7
ARV      7.76 313 P       19 52.30  -0.6
VBY      8.16 332 ePn     20 08.20   9.8X
                e(Sn) 21 26.60
VOY      9.13 329 e(Pn) 20 12.00   0.1
                eSn      21 50.10
FVI     10.04 327 P       20 24.70   0.3
CTI     10.15 322 P       20 24.40  -1.7
      S.D. = 1.4  on  15 of  26 obs.
-----------------------------------
   FEB  03, 1992  00h 57m 56.70± 0.81s
   42.130 N ± 3.4km  125.673 W ± 7.6km
   DEPTH =  10.0km  (geophysicist)
   4.1mb (  2 obs.)
 OFF COAST OF OREGON              ( 30)

FHC      1.84 136 eP      58 27.62  -0.9
DBO      2.05  60 Pc      58 31.98   0.3
                S        58 59.30
RNO      2.28  38 Pc      58 34.90  -0.1
HSO      2.36  53 Pc      58 36.21   0.1
WMOR     2.41  70 Pc      58 37.62   0.7
LBFM     2.94 104 eP      58 45.71   1.2
HBO      3.00  54 Pc      58 45.92   0.6
FBO      3.14  45 Pc      58 47.14  -0.1
TCO      3.58  55 Pc      58 53.93   0.4
                S        59 42.39
SSOR     3.59  40 P       58 53.90   0.3
TKO      3.62  26 P       58 54.04   0.0
                S        59 33.96
NCOR     3.68  63 Pc      58 55.58   0.5
BPO      3.85  48 Pc      58 57.33  -0.1
GT2      3.90  38 P       58 57.88  -0.2
PGO      4.07  34 P       59 00.92   0.6
                S        59 46.88
ORV      4.08 128 eP      59 01.01   0.6
                eS       59 48.46
GMO      4.15  55 P       59 01.30  -0.3
VBEM     4.17  44 Pc      59 01.83  -0.1
TDH      4.23  40 P       59 02.73  -0.1
NLO      4.27  21 P       59 03.92   0.7
VLMM     4.30  36 P       59 04.26   0.5
VIPM     4.39  55 Pc      59 04.93  -0.1
VFP      4.41  42 P       59 05.35   0.0
VLL      4.41  40 P       59 05.69   0.4
CROR     4.44  48 Pc      59 05.02  -0.7
RVW      4.54  27 Pd      59 08.00   1.0
LVP      4.59  30 P       59 07.94   0.2
APM      4.62  37 P       59 08.59   0.4
MTMW     4.62  31 P       59 08.01  -0.3
SHW      4.75  30 eP      59 10.32   0.1
                eS       00 02.25
HSR      4.76  31 P       59 10.49   0.2
CDFW     4.76  32 P       59 10.09  -0.2
YEL      4.79  30 P       59 11.05   0.3
ESD      4.79  31 Pd      59 10.88   0.1
GULW     4.80  36 P       59 11.05   0.2
VTHM     4.80  49 P       59 10.37  -0.5
                S        00 07.60
CZM      4.87  27 P       59 12.20   0.5
VGB      4.90  45 eP      59 11.71  -0.5
                eS       00 06.94
ASR      4.98  35 P       59 13.10  -0.2
LMW      5.14  27 P       59 16.68   1.0
GL2      5.18  41 P       59 15.69  -0.5
JBO      5.38  50 P       59 18.64  -0.3
LON      5.38  30 ePc     59 18.86  -0.2
                eS       00 17.92
GHW      5.48  25 P       59 20.98   0.7
RVC      5.49  28 P       59 21.18   0.6
MEW      5.51  22 P       59 22.90   2.2
FMW      5.59  29 Pc      59 22.29   0.3
ARN      5.74 145 eP      59 23.58  -0.5
GMW      5.79  20 eP      59 24.24  -0.5
                eS       00 22.12
PRW      5.93  44 P       59 26.30  -0.4
RMW      6.00  26 eP      59 27.90   0.3
                eS       00 30.93
RSW      6.10  44 P       59 28.29  -0.8
MDW      6.17  41 P       59 29.50  -0.5
WG3      6.27  49 P       59 30.33  -1.1
WIW      6.28  45 P       59 30.94  -0.7
GBL      6.31  43 P       59 31.54  -0.4
MJ2      6.33  43 P       59 31.85  -0.4
WAH2     6.36  41 P       59 32.46  -0.3
OT2      6.50  43 P       59 33.85  -0.9
ET3      6.56  45 P       59 34.68  -0.9
WTV      6.89  34 P       59 39.94  -0.3
PNT      8.34  28 P       00 00.00  -0.5
         0.5s      3.20nm          4.8mb X
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HPI      9.36  76 eP    00 14.90   0.0
HVU      9.62  88 eP    00 18.70   0.4
LRM     10.22  64 eP    00 26.60  -0.1
MSU     10.92 105 (P)   00 37.54   1.3
SES     13.05  46 eP    01 04.00  -0.8
                pP      01 17.00
FFC     20.03  43 eP    02 31.00  -1.3
        0.7s     17.00nm          4.5mb
YKA     21.43  14 eP    02 45.70  -1.0
        0.9s      3.30nm          3.7mb
      S.D. = 0.6  on  69 of  69 obs.
-------------------------------------
   FEB  03, 1992  01h 02m 12.78± 0.73s
   42.149 N ± 3.0km  125.729 W ± 7.1km
   DEPTH =  10.0km  (geophysicist)
   4.2mb (  2 obs.)
 OFF COAST OF OREGON                ( 30)

FHC      1.88 135 ePc   02 44.98  -0.3
DBO      2.07  61 Pc    02 48.16   0.0
                S       03 15.02
RNO      2.29  39 Pc    02 51.09  -0.1
                S       03 18.53
HSO      2.38  54 Pc    02 52.40  -0.1
WMOR     2.44  71 Pc    02 53.85   0.4
LBFM     2.98 104 eP    03 02.16   1.0
HBO      3.02  55 Pc    03 02.09   0.4
                S       03 40.39
FBO      3.16  46 P     03 03.54   0.0
TCO      3.60  56 P     03 10.13   0.1
SSOR     3.60  40 P     03 10.04   0.1
NCOR     3.71  64 P     03 11.85   0.2
KMOR     3.84  24 P     03 13.64   0.4
BPO      3.86  48 P     03 13.58  -0.1
ORV      4.12 128 eP    03 16.10  -1.1
                eS      04 04.30
GMO      4.17  55 P     03 17.68  -0.3
VBEM     4.18  45 Pc    03 18.07  -0.1
TDH      4.24  41 P     03 19.34   0.3
VLMM     4.31  37 P     03 20.42   0.4
                S       04 09.16
VIPM     4.41  56 Pc    03 21.11  -0.3
VLL      4.42  40 P     03 22.00   0.5
VFP      4.42  43 P     03 21.74   0.1
BMW      4.68  22 P     03 25.34   0.1
FL2      4.72  30 P     03 26.01   0.2
SHW      4.76  31 eP    03 26.00  -0.4
HSR      4.76  31 P     03 26.75   0.3
CDFW     4.77  32 P     03 26.31  -0.1
VTHM     4.82  49 P     03 26.82  -0.4
CZM      4.87  27 P     03 28.58   0.8
VGB      4.91  45 eP    03 28.04  -0.4
                eS      04 22.88
ASR      4.99  35 P     03 29.47   0.0
GL2      5.20  41 P     03 32.26  -0.2
LON      5.39  30 eP    03 35.01  -0.2
                eS      04 34.69
JBO      5.40  50 P     03 35.11  -0.2
WPW      5.44  32 P     03 35.89  -0.1
GHW      5.48  26 P     03 37.34   1.0
RCS      5.52  30 Pd    03 37.31   0.0
FMW      5.59  30 P     03 38.53   0.4
GMW      5.79  20 eP    03 40.34  -0.4
                eS      04 38.02
CMB      5.80 133 (P)   03 42.52   1.5
RMW      6.00  26 eP    03 43.27  -0.5
MDW      6.18  42 P     03 46.24   0.0
WIW      6.30  45 P     03 47.33  -0.6
ET3      6.58  45 P     03 51.33  -0.6
ETW      6.67  33 P     03 53.10  -0.2
CMW      6.77  21 P     03 54.98   0.3
RPW      6.96  24 P     03 57.22  -0.1
MBW      7.16  21 P     04 00.44   0.3
TNP      7.68 119 (P)   04 06.52  -1.1
PNT      8.34  29 P     04 16.50  -0.1
        0.5s      2.40nm          4.7mb X
LRM     10.25  65 ePd   04 43.10  -0.1
FFC     20.04  43 eP    06 48.00  -0.6
        0.7s     12.00nm          4.3mb
YKA     21.42  14 eP    07 02.00  -0.7
        0.9s      5.70nm          4.0mb
MEO     22.43 100 e(P)  07 13.50   0.5
      S.D. = 0.5  on  53 of  53 obs.
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   FEB  03, 1992  01h 27m 02.51± 0.79s
   19.054 S ± 5.5km  169.453 E ± 7.3km
   DEPTH = 272.6 ±  7.9 km
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   4.8mb ( 13 obs.)
 VANUATU ISLANDS                    (186)

PVC      1.70 320 iP    27 44.90   0.2
                iS      28 18.00
DZM      4.12 223 iPc   28 09.10  -0.2
                iS      29 03.90
ARMA    19.72 232 iPd   31 15.00   1.6
        0.6s     17.00nm          4.7mb
URZ     20.27 162 eP    31 19.10   0.6
RMO     20.45 245 iPd   31 22.70   2.2
        0.7s     31.00nm          4.9mb
NOZ     20.87 161 eP    31 24.60   0.2
MNG     22.11 168 eP    31 36.10  -0.4
        0.3s     17.00nm          5.0mb
PGZ     22.28 166 eP    31 37.50  -0.5
        0.4s     26.00nm          5.0mb
TCW     22.47 170 eP    31 40.40   0.5
CAW     22.50 169 eP    31 39.50  -0.8
MRW     22.56 170 eP    31 40.00  -0.7
MTW     22.63 168 eP    31 40.70  -0.8
WDW     22.64 169 eP    31 40.60  -1.0
THZ     22.83 173 eP    31 45.30   1.9
BLW     22.83 168 eP    31 42.50  -0.9
MOW     22.84 169 P     31 42.40  -1.1
TOO     27.89 224 iPd   32 29.90   0.2
QIS     28.11 262 eP    32 32.00   0.3
        0.2s      1.00nm          4.1mb
STK     28.12 238 iPd   32 37.20   5.5X
        0.8s      7.00nm          4.3mb
WB2     33.06 263 iPc   33 13.90  -1.0
        0.2s     13.20nm          5.2mb
WRA     33.08 263 P     33 13.90  -1.1
        0.6s      4.80nm          4.3mb
ASPA    33.37 256 iPd   33 17.00  -0.5
        0.4s     74.10nm          5.6mb
                i       34 12.10
                e       34 45.70
                eS      38 16.90
WARB    40.01 252 iPd   34 13.40   0.6
MAT     62.68 332 eP    36 59.00  -1.7
PDB     83.95  18 P     39 00.80  -2.1
SVW     84.66  16 P     39 06.10  -0.4
RSO     84.92  18 P     39 07.60  -0.4
ABL     86.30  51 P     39 15.70   0.4
ORV     86.81  46 P     39 17.40   0.1
CMB     86.88  48 P     39 18.40   0.6
        0.9s     24.76nm          5.1mb
ISA     87.21  51 eP    39 20.00   0.6
SBB     87.27  52 eP    39 20.00   0.3
RVR     87.31  53 eP    39 21.00   1.1
LBFM    87.38  45 P     39 20.00  -0.3
PLM     87.43  54 eP    39 21.00   0.3
BONR    88.32  49 P     39 25.30   0.3
TPC     88.36  53 eP    39 26.00   1.1
GLA     88.87  54 eP    39 28.00   0.7
TNP     89.15  49 P     39 29.10   0.3
        0.7s      5.00nm          4.6mb
SHW     89.46  40 P     39 30.60   0.7
FBA     89.84  17 P     39 28.90  -2.2
        0.8s      9.97nm          4.8mb
RMW     90.32  39 P     39 34.30   0.5
PNT     92.47  38 eP    39 45.00   1.5
YKA    100.41  27 ePdiff40 18.10  -1.2
        0.9s      1.50nm          4.5mb
TBR    121.97  53 Pdiff 42 01.20   5.6X
MOX    143.90 336 ePKP  46 04.70  -2.0
        1.8s     31.00nm
VAY    144.11 315 ePKP  46 05.60  -1.7
KHC    144.26 333 PKP   46 06.50  -0.9
        1.2s      7.00nm
GEC2   144.42 332 PKP   46 05.50  -2.3X
        0.7s      3.70nm
GRF    144.81 335 ePKPc 46 08.20  -0.1
OHR    145.38 316 ePKP  46 09.00  -0.6
KBA    145.89 330 e(PKP)46 10.00  -0.4
FUR    145.99 334 ePKP  46 11.80   1.5
VBY    146.05 327 ePKP  46 11.90   1.4
WLF    146.65 340 PKPc  46 13.00   1.7
DOU    146.75 342 PKPc  46 13.00   1.6
CDF    147.35 338 ePKP  46 15.00   2.4X
        0.9s      9.85nm
BSF    148.01 338 ePKP  46 16.60   2.9X
        0.9s      8.20nm
HAU    148.02 338 ePKP  46 16.70   3.1X
        0.9s      6.55nm
BCAO   148.11 247 iPKPd 46 18.80   4.1X
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        1.0s     15.00nm
                i       47 23.00
FLN    149.27 347 ePKP  46 19.40   3.9X
        1.0s     12.00nm
LOR    149.49 341 ePKP  46 20.40   4.5X
        0.9s      8.20nm
GRR    149.70 347 ePKP  46 20.60   4.5X
        1.1s     12.20nm
LBF    149.70 340 ePKP  46 20.90   4.7X
        0.9s      4.90nm
SSF    149.78 341 ePKP  46 21.10   4.8X
        1.0s     12.00nm
LPL    149.97 335 ePKP  46 22.20   5.3X
        0.7s      2.75nm
LPG    149.98 335 ePKP  46 22.20   5.2X
        0.7s      2.75nm
LPF    150.08 347 ePKP  46 21.60   4.9X
        0.9s     13.10nm
BGF    150.44 341 ePKP  46 22.50   5.2X
        0.7s      4.95nm
TCF    150.87 342 ePKP  46 23.70   5.7X
        0.8s      4.05nm
LSF    151.11 343 ePKP  46 23.80   5.5X
LFF    152.53 342 ePKP  46 27.40   7.0X
      S.D. = 1.1  on  53 of  72 obs.
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   FEB  03, 1992  01h 38m 00.18± 0.49s
    9.287 N ± 7.1km  121.979 E ± 8.7km
   DEPTH =  33.0km  (normal)
   4.5mb (  8 obs.)
 SULU SEA                           (253)

TSM      6.42 220 ePc   39 34.90   0.0
KKM      6.56 241 ePd   39 37.00   0.0
                e       40 50.50
SSE     21.71 358 P     42 50.00  -0.4
        1.2s     15.00nm          4.3mb
BDT     23.70 292 eP    43 12.50   2.4X
CHG     24.24 295 eP    43 11.30  -4.1X
CHTO    24.24 295 eP    43 16.00   0.6
        1.0s      9.75nm          4.3mb
                e       43 24.10
WB2     31.50 157 eP    44 20.80  -0.6
        0.6s      3.40nm          4.4mb
QIS     34.35 150 eP    44 45.00  -1.3
ASPA    34.76 161 iPd   44 50.10   0.3
        0.7s      5.00nm          4.6mb
                e       44 58.20
PKI     38.96 303 P     45 25.80   0.2
KKN     39.15 303 P     45 26.40  -0.6
DMN     39.23 303 P     45 27.60  -0.1
STK     45.03 156 eP    46 21.10   6.5X
        0.7s      2.70nm          4.3mb
                i       46 28.80
ARMA    48.68 145 iPd   46 45.10   1.6
        0.5s      3.00nm          4.6mb
KAF     84.51 332 iP    50 30.50  -0.4
        0.5s      4.90nm          4.9mb
MBC     87.57  12 eP    50 46.50   0.7
        1.0s      7.00nm          4.9mb
      S.D. = 0.8  on  13 of  16 obs.
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*  FEB  03, 1992  01h 43m 14.88± 1.86s
   44.049 N ± 7.8km  147.130 E ±11.6km
   DEPTH =  92.9 ± 14.3 km
   4.5mb ( 23 obs.)
 KURIL ISLANDS                      (221)

MRRJ     4.71 252 eP    44 25.10   0.2
                eS      45 18.50
OFUJ     6.43 221 eP    44 45.20  -3.5X
                eS      45 53.60
MAT     10.13 225 eP    45 36.00  -3.1X
        0.6s     11.33nm          5.0mb
                (S)     47 30.00
YAK     20.70 336 eP    47 42.00  -7.1X
BJI     23.26 271 eP    48 13.50  -1.1
CHG     47.35 254 eP    51 42.00   0.7
CHTO    47.35 254 iP    51 41.80   0.5
        0.8s      4.21nm          4.3mb
GUN     50.98 273 P     52 09.60   0.1
KKN     51.48 273 P     52 13.00  -0.1
PKI     51.52 273 P     52 13.20  -0.3
DMN     51.72 273 P     52 15.00   0.1
GKN     51.82 274 P     52 15.60   0.0
WB2     64.75 193 eP    53 44.80  -0.5
        0.6s      4.50nm          4.6mb
```

03d 01h

e 54 08.70
WRA 64.75 193 P 53 45.20 -0.1
0.6s 2.70nm 4.4mb
NB2 69.32 339 P 54 12.60 -1.1
0.6s 1.10nm 3.9mb
HFS 69.41 337 eP 54 10.20 -4.0X
0.5s 1.20nm 4.0mb
KHC 78.69 331 P 55 08.30 0.3
0.8s 2.00nm 4.0mb
GEC2 78.89 331 ePc 55 08.40 -0.8
0.6s 1.10nm 3.9mb
GRF 79.02 333 iPc 55 10.50 0.8
0.9s 6.00nm 4.5mb
CDF 81.41 334 eP 55 22.10 -0.4
HAU 82.06 335 eP 55 25.20 -0.6
FLN 83.31 339 eP 55 31.80 -0.4
0.6s 5.40nm 4.7mb
LDF 83.37 339 eP 55 32.00 -0.6
LOR 83.47 336 eP 55 32.60 -0.5
0.7s 2.20nm 4.2mb
LBF 83.69 336 eP 55 34.60 0.3
1.0s 6.00nm 4.5mb
GRR 83.75 339 eP 55 34.30 -0.2
0.5s 3.65nm 4.6mb
SSF 83.76 336 eP 55 34.20 -0.4
1.0s 5.00nm 4.4mb
SMF 84.04 336 eP 55 35.80 -0.2
0.9s 6.55nm 4.6mb
AVF 84.05 336 eP 55 35.90 -0.1
0.8s 5.35nm 4.6mb
LPF 84.12 339 eP 55 36.40 0.0
1.1s 14.65nm 4.9mb
LPL 84.14 333 eP 55 37.00 0.2
0.7s 2.75nm 4.3mb
LPG 84.15 333 eP 55 37.20 0.2
0.7s 3.30nm 4.4mb
BGF 84.41 336 eP 55 37.80 0.0
MAF 84.79 336 eP 55 40.40 0.6
0.9s 8.20nm 4.7mb
LSF 85.07 337 eP 55 41.40 0.3
0.8s 5.35nm 4.6mb
MFF 85.21 338 eP 55 42.20 0.4
0.9s 8.20nm 4.7mb
RJF 85.93 336 eP 55 45.80 0.3
CAF 86.12 336 eP 55 47.20 0.8
0.9s 7.35nm 4.7mb
LFF 86.49 337 eP 55 49.00 0.8
LPO 86.60 336 eP 55 49.40 0.7
S.D. = 0.5 on 36 of 40 obs.

• FEB 03, 1992 01h 47m 08.77± 1.61s
42.257 N ± 6.3km 125.803 W ±15.3km
DEPTH = 10.0km (geophysicist)
3.7mb (2 obs.)
OFF COAST OF OREGON (30)

FHC 1.99 136 e(P) 47 43.85 0.9
DBO 2.08 65 P 47 43.72 -0.4
RNO 2.24 42 Pd 47 46.36 -0.2
HSO 2.36 57 P 47 47.72 -0.6
WMOR 2.46 74 P 47 49.73 0.0
HBO 3.01 57 P 47 57.38 -0.1
LBFM 3.06 106 eP 47 59.87 1.6
FBO 3.12 48 P 47 59.22 0.2
SSOR 3.56 42 P 48 06.23 1.0
NCOR 3.72 66 P 48 07.84 0.2
BPO 3.83 50 P 48 09.25 -0.1
VBEM 4.15 46 P 48 13.52 -0.1
ORV 4.23 128 eP 48 13.00 -1.8
eS 49 01.75
VIPM 4.40 57 P 48 16.72 -0.5
CROR 4.43 50 P 48 17.90 0.3
MTMW 4.57 33 P 48 19.75 0.2
ASR 4.93 36 P 48 25.04 0.3
FFC 20.00 43 eP 51 43.00 -1.1
0.9s 12.00nm 4.2mb
YKA 21.33 14 eP 51 58.10 0.4
0.9s 0.80nm 3.1mb
S.D. = 0.8 on 19 of 19 obs.

FEB 03, 1992 02h 00m 13.63± 0.76s
42.152 N ± 2.7km 125.613 W ± 8.0km
DEPTH = 10.0km (geophysicist)
4.2mb (3 obs.)
OFF COAST OF OREGON (30)
ML 3.9 (BRK).

FHC 1.82 137 iPc 00 44.30 -1.0
iS 01 17.06
DBO 2.00 60 Pc 00 48.21 0.3
FOX 2.04 143 iPc 00 49.93 1.6
RNO 2.23 37 Pc 00 51.15 -0.1
S 01 19.35
HSO 2.31 53 Pc 00 52.43 0.0
S 01 23.72
WMOR 2.36 70 P 00 53.78 0.6
WDC 2.80 123 iPc 00 59.17 -0.1
eS 01 36.50
LBFM 2.90 105 eP 01 01.90 1.0
eS 01 37.96
HBO 2.95 54 Pc 01 02.13 0.6
FBO 3.09 45 P 01 03.66 0.2
LTCM 3.27 125 eP 01 06.16 0.2
MIN 3.52 120 ePc 01 08.55 -1.1
TCO 3.53 55 P 01 10.12 0.3
SSOR 3.54 39 P 01 10.66 0.7
NCOR 3.63 63 P 01 11.75 0.4
BPO 3.80 48 P 01 13.57 -0.1
KMOR 3.81 23 P 01 13.84 0.2
ORV 4.06 128 ePc 01 17.57 0.5
iS 02 04.57
VBEM 4.12 44 P 01 18.16 0.0
VLMM 4.26 36 P 01 20.86 0.8
S 02 09.58
VIPM 4.34 55 P 01 21.11 -0.2
MTMW 4.58 31 P 01 24.42 -0.2
BMW 4.65 21 P 01 25.28 -0.3
VTHM 4.75 49 P 01 26.87 -0.2
CZM 4.83 26 P 01 28.40 0.3
VGB 4.85 44 eP 01 28.14 -0.3
eS 02 22.20
TDL 4.85 29 P 01 29.03 0.5
GL2 5.14 41 P 01 32.57 0.1
PCC 5.27 151 iPc 01 35.69 1.4
JBO 5.33 50 P 01 35.30 0.1
LON 5.34 29 eP 01 35.27 -0.1
eS 02 35.25
REMR 5.39 29 P 01 36.19 0.0
WPW 5.40 31 P 01 36.01 -0.2
GHW 5.44 25 P 01 37.41 0.7
FMW 5.55 29 P 01 38.58 0.2
S 02 40.72
ARN 5.73 145 eP 01 39.46 -1.5
GMW 5.76 19 eP 01 40.44 -0.7
eS 02 39.47
RMW 5.96 26 (P) 01 43.27 -0.7
RSW 6.05 44 P 01 45.06 -0.3
WIW 6.24 45 P 01 47.49 -0.4
JCW 6.58 22 P 01 53.10 0.3
ETW 6.62 33 P 01 52.70 -0.7
RPW 6.93 23 P 01 57.39 -0.3
BONR 7.00 124 (P) 01 57.45 -1.5
PNT 8.30 28 P 02 16.50 -0.3
0.7s 1.60nm 4.4mb X
HPI 9.31 76 eP 02 29.20 -2.0
HVU 9.57 88 (P) 02 35.55 0.9
LRM 10.17 64 eP 02 43.00 0.1
ALQ 16.61 109 ePc 04 08.50 0.3
1.4s 13.95nm 3.9mb
FFC 19.98 43 eP 04 48.00 -0.8
0.8s 13.00nm 4.3mb
YKA 21.40 14 eP 05 03.80 0.5
1.2s 16.10nm 4.3mb
MEO 22.34 100 iPd 05 16.50 3.5X
S.D. = 0.7 on 51 of 52 obs.

FEB 03, 1992 02h 09m 58.57± 0.83s
45.878 N ± 8.5km 10.871 E ± 5.7km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.4 (VIE).

SAL 0.36 222 P 10 07.10 1.1
eSg 10 11.90
CTI 0.57 72 P 10 09.30 -0.9
eSg 10 18.30
MDI 0.82 263 P 10 15.00 0.6
eSg 10 25.60
OSS 0.95 328 eP 10 16.50 -0.4
OGA 1.00 6 iPgc 10 17.40 -0.2
VDL 1.15 303 eP 10 20.10 -0.1
SOTA 1.36 10 iPgd 10 23.70 0.0
iSg 10 41.00
TMA 1.41 280 eP 10 25.40 0.9
FVI 1.51 61 P 10 23.70 -1.9
eSn 10 43.00
LLS 1.63 308 eP 10 28.70 1.1
KBA 2.09 54 iPgc 10 36.90 2.7
iSg 11 04.80
SLE 2.50 320 eP 10 42.30 2.4
LPL 2.92 264 Pn 10 46.80 0.6
BSF 3.41 306 Pn 10 53.40 0.4
Sn 11 34.50
GEC2 3.54 32 PKP 10 18.60 -36.1X
0.5s 0.37nm
HAU 3.76 306 Pn 10 58.20 0.3
Sn 11 41.60
LBF 4.89 286 Pn 11 12.90 -1.1
SMF 4.94 281 Pn 11 13.10 -1.4
LOR 5.03 289 Pn 11 14.60 -1.3
AVF 5.29 283 Pn 11 17.90 -1.6
BGF 5.61 280 Pn 11 22.60 -1.5
S.D. = 1.4 on 20 of 21 obs.

• FEB 03, 1992 02h 25m 32.76± 1.95s
42.232 N ± 9.2km 125.255 W ±18.0km
DEPTH = 10.0km (geophysicist)
3.2mb (1 obs.)
OFF COAST OF OREGON (30)

DBO 1.73 58 Pc 26 03.41 0.3
RNO 2.01 33 P 26 06.33 -0.9
HSO 2.05 50 Pc 26 07.66 -0.1
WMOR 2.08 70 P 26 09.38 1.1
HBO 2.69 52 P 26 17.48 0.5
FBO 2.85 42 P 26 18.92 -0.3
SSOR 3.32 37 P 26 26.11 0.2
BPO 3.55 46 P 26 29.07 -0.1
PGO 3.82 31 P 26 34.40 1.6
VBEM 3.88 42 P 26 33.45 -0.5
ORV 3.90 132 e(P) 26 33.53 -0.6
eS 27 19.65
VIPM 4.07 54 P 26 36.66 0.0
LVP 4.35 27 P 26 39.56 -0.9
MTMW 4.38 29 P 26 39.65 -1.2
VTHM 4.50 48 P 26 42.32 -0.3
YKA 21.25 14 eP 30 22.20 1.2
1.2s 1.30nm 3.2mb
S.D. = 0.9 on 16 of 16 obs.

FEB 03, 1992 02h 25m 40.85± 2.25s
3.938 N ± 7.9km 126.397 E ± 8.8km
DEPTH = 74.7 ± 20.3 km
5.1mb (24 obs.)
TALAUD ISLANDS, INDONESIA (263)

TSM 8.51 273 ePc 27 45.20 1.5
KKM 10.36 282 ePd 28 13.50 4.5X
MTN 17.32 164 eP 29 35.00 -4.4X
KGM 23.12 266 ePc 30 44.50 3.2X
PMG 24.57 123 eP 31 06.00 10.7X
WB2 24.99 162 iPd 30 58.70 -0.5
0.6s 43.50nm 5.1mb
IPM 25.31 272 ePc 31 03.50 1.2
0.7s 18.10nm 4.6mb
SSE 27.46 350 P 31 21.20 -0.6
0.5s 23.00nm 5.0mb
Z 20s 0.50um 4.1Msz
S 36 10.00
QIS 27.58 152 iPd 31 22.80 -0.2
1.0s 31.00nm 4.8mb
NST 28.34 296 eP 31 36.00 6.1X
ASPA 28.40 165 iPd 31 29.00 -1.4
1.0s 6.10nm 4.2mb
Z 23s 0.20um 3.7MszX
i 31 39.90
eS 36 14.90
BDT 29.94 298 eP 31 45.00 0.8
WARB 29.94 180 eP 31 45.50 1.3
CHG 30.63 301 ePc 31 50.00 -0.4
1.0s 20.75nm 4.8mb
CHTO 30.63 301 iPc 31 50.00 -0.4
1.0s 20.00nm 4.8mb
pP 31 56.00 21kmX
BJI 37.11 347 eP 32 45.00 -0.8
1.0s 44.00nm 5.3mb
RMO 37.19 146 eP 32 45.30 -1.3
STK 38.44 159 eP 33 02.30 5.2X
0.9s 9.60nm 4.7mb
eS 38 52.80
SHL 39.49 306 iPc 33 05.50 -0.6

eS 39 02.00
ADE 40.39 164 e(P) 33 11.00 -2.2X
BFD 43.58 161 e(P) 33 44.00 4.8X
e 35 29.00
TOO 44.95 158 eP 33 53.50 3.2X
GUN 45.33 306 P 33 53.20 -0.7
PKI 45.58 305 P 33 55.20 -0.6
0.9s 25.00nm 5.1mb
KKN 45.77 306 P 33 56.40 -0.8
0.8s 34.00nm 5.3mb
DMN 45.84 305 P 33 57.40 -0.4
0.8s 34.00nm 5.3mb
GKN 46.38 306 P 34 01.40 -0.5
DZM 46.93 125 iPc 34 06.00 -0.2
HYB 48.73 290 eP 34 20.50 0.2
IRK 51.55 343 eP 34 40.50 -0.7
NDI 52.73 303 iPc 34 48.40 -2.0
0.8s 22.39nm 5.2mb
POO 53.33 290 iPd 34 52.00 -3.0X
YAK 58.00 2 iPc 35 26.70 -1.1
1.0s 60.00nm 5.7mb
e 43 22.00
QUE 61.75 302 eP 35 53.60 -0.8
SVW 80.76 29 eP 37 49.10 1.7
TTA 80.87 27 eP 37 49.30 1.3
IMA 82.33 24 eP 37 57.10 1.5
0.9s 11.50nm 4.8mb
PMR 83.92 29 eP 38 04.30 0.7
1.1s 48.50nm 5.4mb
FBA 84.68 25 eP 38 08.20 0.8
OBN 86.68 325 iPc 38 18.00 0.5
1.3s 90.00nm 5.7mb
e 38 37.00
e 39 06.00
KAF 91.26 332 eP 38 38.50 -0.4
0.5s 6.70nm 5.3mb
MBC 91.82 13 eP 38 42.00 0.7
NUR 92.36 331 eP 38 43.70 -0.3
0.7s 11.70nm 5.4mb
VRI 93.92 316 ePd 38 54.00 2.5
MLR 94.52 316 ePd 38 55.00 0.5
N82 98.45 334 P 39 10.40 -1.5
0.9s 6.10nm 5.1mb
BUL 98.64 250 iPc 39 13.80 0.2
0.9s 50.42nm 6.0mb
YKA 99.45 24 eP 39 15.70 -0.6
0.9s 1.40nm 4.5mb
KSP 99.48 323 eP 39 17.00 0.3
PRU 100.81 322 ePdiff39 23.50 0.8
BRG 100.87 323 iPdiff39 22.60 -0.3
1.0s 14.00nm 5.5mb
GEC2 101.72 322 Pdiff 39 26.10 -0.8
0.8s 1.10nm 4.6mb
GRF 102.93 323 ePdiff39 32.20 0.1
KIC 130.15 282 PKP 44 46.20 1.2
RFA 146.36 158 iPKP 45 16.40 2.4X
MDZ 147.86 155 ePKP 45 21.00 4.5X
S.D. = 1.0 on 44 of 56 obs.

? FEB 03, 1992 02h 39m 26.13± 0.77s
19.242 N ±21.6km 146.966 E ±63.6km
DEPTH = 33.0km (normal)
4.4mb (4 obs.)
MARIANA ISLANDS REGION (215)

WB2 40.86 198 eP 47 06.80 0.1
0.2s 8.50nm 5.1mb
WRA 40.86 198 P 47 06.80 0.0
0.5s 2.00nm 4.1mb
ASPA 44.51 197 iPd 47 36.40 -0.1
0.4s 3.30nm 4.5mb
RMO 45.49 178 eP 47 44.20 0.0
MBC 72.33 15 eP 50 50.00 -0.1
YKA 76.95 28 eP 51 16.80 0.1
0.7s 1.90nm 4.2mb
S.D. = 0.1 on 6 of 6 obs.

• FEB 03, 1992 03h 15m 54.30± 0.82s
37.295 N ± 8.1km 82.024 E ±19.4km
DEPTH = 33.0km (normal)
4.1mb (4 obs.)
SOUTHERN XINJIANG, CHINA (321)

NDI 9.49 207 iPd 18 11.50 -0.2
0.5s 24.65nm 5.7mb X
eS 19 48.00
GKN 9.52 166 P 18 11.00 -1.4
0.6s 32.00nm 5.7mb X
KKN 9.87 163 P 18 17.60 0.5
0.6s 21.00nm 5.6mb X
GUN 9.91 160 P 18 22.20 4.4X
DMN 10.00 164 P 18 18.80 -0.2
0.7s 27.00nm 5.6mb X
PKI 10.11 163 P 18 21.40 0.8
6.0s 9168.00nm 7.2mb X
HYB 20.04 190 eP 20 28.00 0.6
0.8s 19.20nm 4.5mb
eS 24 04.00
MBC 65.92 5 eP 26 38.50 0.0
0.9s 3.00nm 4.4mb
WRA 75.28 130 P 27 43.70 7.8X
1.1s 0.30nm 3.2mb
YKA 79.66 8 eP 27 59.40 -0.1
0.7s 0.90nm 3.9mb
S.D. = 0.8 on 8 of 10 obs.

FEB 03, 1992 05h 44m 48.84± 0.97s
21.195 S ± 6.8km 176.284 W ±10.0km
DEPTH = 218.7 ± 8.0 km
4.9mb (15 obs.)
FIJI ISLANDS REGION (181)

SVA 5.82 301 iPc 46 14.10 -0.7
eS 47 26.50
PVC 14.93 281 iPc 48 13.00 2.3
DZM 16.08 264 iPd 48 27.00 2.2
KUZ 16.99 202 eP 48 33.60 -1.4
URZ 17.94 197 eP 48 43.20 -1.9
eS 51 47.20
PATZ 18.30 199 eP 48 48.50 -0.5
RUZ 19.27 200 eP 48 57.20 -1.7
PGZ 20.37 196 eP 49 09.30 -0.6
MNG 20.59 198 eP 49 08.70 -3.4X
eS 52 42.00
DIW 21.24 201 eP 49 21.60 3.1X
WEL 21.41 199 P 49 22.00 1.8
S 53 03.00
THZ 22.45 202 eP 49 31.10 0.9
eS 53 22.70
DSZ 22.82 203 eP 49 34.60 0.7
LTZ 23.57 201 eP 49 41.60 0.6
EWZ 24.70 203 eP 49 51.80 0.4
BWZ 25.94 203 eP 50 01.60 -1.1
TUZ 27.26 202 eP 50 15.80 1.2
ARMA 30.23 246 iPc 50 42.40 1.1
0.5s 16.00nm 5.0mb
RMQ 32.34 254 iPd 51 00.30 0.6
1.0s 188.00nm 5.7mb
i 53 44.20
CMS 35.31 245 eP 51 25.00 0.1
QLP 36.39 254 iPd 51 34.00 0.0
TOO 36.80 235 iPd 51 37.60 0.2
0.8s 78.00nm 5.4mb
PMG 37.06 283 iPd 51 39.80 0.0
1.0s 244.00nm 5.8mb
STK 38.95 245 iPd 52 01.20 6.0X
0.5s 11.60nm 4.7mb
iPcP 54 08.60
eS 57 22.90
BFD 38.98 237 eP 51 57.60 2.1
QIS 41.12 263 iPd 52 12.20 -1.0
0.4s 2.00nm 4.0mb
ASPA 45.93 257 iPd 52 51.10 -0.7
1.0s 96.00nm 5.1mb
Z 20s 0.20um 4.1Msz
e 53 03.60
ePcP 54 24.40
iS 59 19.60
eScS 02 28.90
WB2 46.08 262 iPc 52 51.90 -1.1
0.8s 58.10nm 5.0mb
WRA 46.09 262 P 52 52.00 -1.1
0.8s 31.60nm 4.8mb
FORR 50.46 247 eP 53 25.30 -1.2
0.3s 18.00nm 5.0mb
MTN 50.78 271 eP 53 27.50 -1.6
GUA 51.42 309 eP 53 32.90 -0.9
0.9s 235.29nm 5.7mb
GUMO 51.48 309 eP 53 33.30 -1.0
PJG 51.48 309 eP 53 33.30 -1.0
MBL 59.18 257 eP 54 27.80 -1.5
MAT 71.72 323 eP 55 47.00 -1.9
1.2s 17.19nm 4.7mb
PNT 86.34 33 eP 57 08.00 0.9
0.7s 6.00nm 4.5mb
SES 91.49 36 eP 57 32.00 0.7
CHG 91.99 289 eP 57 35.50 1.3
CHTO 91.99 289 eP 57 35.90 1.7
1.2s 10.76nm 4.8mb
pP 58 27.80 210kmX
YKA 96.48 24 eP 57 52.70 -1.1
0.8s 0.90nm 4.1mb
PKI 106.57 294 PKP 02 49.80 -0.4
QUE 122.94 293 ePKP 03 22.60 1.5
KSP 148.80 345 PKP 04 12.40 5.0X
ic 04 16.50
e 05 04.00
CSTJ 148.91 295 PKP- 04 14.97 6.7X
VRI 149.01 328 ePKPd 04 13.00 5.1X
CLL 149.08 349 iPKPd 04 13.00 5.3X
1.5s 44.00nm
i 05 04.50
SPC 149.12 339 ePKP 04 14.50 6.4X
MDSJ 149.17 296 PKP- 04 15.91 7.3X
BRG 149.31 347 iPKPd 04 13.80 5.7X
1.6s 56.00nm
i 05 05.20
CVO 149.32 328 ePKP 04 14.00 5.6X
SALJ 149.56 297 PKP- 04 16.74 7.6X
MASJ 149.59 297 PKP- 04 16.77 7.5X
KFNJ 149.60 297 PKP- 04 16.76 7.7X
MLR 149.67 328 ePKP 04 14.00 5.0X
LISJ 149.89 296 PKP- 04 17.55 8.0X
PRU 150.01 346 PKP 04 15.40 6.2X
e 04 21.30
PSZ 150.32 338 ePKP 04 16.20 6.4X
CSS 150.62 304 ePKP 04 17.20 6.6X
GRF 150.95 350 ePKP 04 17.00 6.4X
e 04 25.00
SRO 150.95 340 ePKP 04 16.70 6.1X
ZST 150.99 341 ePKP 04 17.60 6.9X
KHC 151.04 347 PKPd 04 18.20 7.4X
1.5s 24.00nm
i 04 26.30
DOU 151.15 359 PKP 04 18.10 7.2X
GEC2 151.28 346 PKP 04 11.50 0.2
0.9s 0.83nm
WLF 151.53 357 PKP 04 19.00 7.6X
UZD 151.92 338 e(PKP)04 31.00 18.9X
FLN 152.29 6 ePKP 04 19.80 7.2X
0.7s 11.00nm
LDF 152.49 6 ePKP 04 20.40 7.5X
GRR 152.62 7 ePKP 04 20.80 7.7X
0.6s 8.10nm
CDF 152.69 355 ePKP 04 21.40 8.1X
0.9s 6.55nm
LPF 152.95 7 ePKP 04 21.60 8.1X
1.0s 30.00nm
KBA 153.02 345 i(PKP)04 34.60 20.7X
0.7s 9.60nm
HAU 153.17 356 ePKP 04 22.20 8.3X
BSF 153.31 355 ePKP 04 22.40 8.2X
VBY 153.96 341 e(PKP)04 15.00 0.0
e 04 25.80
LOR 153.99 360 ePKP 04 24.10 9.1X
0.5s 2.20nm
BCAO 157.98 223 iPKPc 04 22.70 1.5
1.0s 20.00nm
i 04 58.50
KIC 163.13 150 PKP 04 27.00 0.5
S.D. = 1.2 on 44 of 79 obs.

% FEB 03, 1992 05h 54m 52.78± 0.82s
44.547 N ± 6.1km 7.308 E ± 7.7km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.6 (GEN).

PZZ 0.15 254 P 54 56.25 -0.2
S 54 58.20
BHB 0.30 354 P 54 59.11 0.1
S 55 03.39
STV 0.30 178 P 54 59.33 0.2
S 55 03.33
ENR 0.33 166 P 54 59.74 0.1
S 55 04.15
ROB 0.48 122 P 55 02.22 -0.2
S 55 09.07
S.D. = 0.3 on 5 of 5 obs.

% FEB 03, 1992 06h 21m 54.25± 4.50s

03d 06h

```
   19.652 N ±18.5km  103.849 W ±32.9km
   DEPTH =  10.0km  (geophysicist)
 JALISCO, MEXICO                    (524)

CGX      0.37  82 iP     22 01.70  -0.2
                  iS     22 06.00
GUM2     1.13  27 iP     22 15.50  -0.1
                  iS     22 30.00
MRX      2.50  88 iP     22 35.00  -0.7
                  iS     23 04.50
MRX      2.50  88 iP     22 37.00   1.3
                  iS     23 04.50
III      4.33 106 eP     23 01.50  -0.4
                  iS     23 52.00
PPM      4.96  96 (P)    23 16.00   4.9X
     S.D. = 1.1  on   5 of   6 obs.
-----------------------------------------
?  FEB  03, 1992  07h 09m 10.18± 1.49s
   44.496 N ±14.8km     7.234 E ± 9.9km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                     (545)
      ML 1.6 (GEN).

PZZ      0.10 276 P      09 12.97   0.0
                  S      09 14.92
STV      0.26 165 P      09 15.84   0.1
                  S      09 19.94
ENR      0.30 153 P      09 16.35  -0.1
                  S      09 20.86
ROB      0.50 114 P      09 20.35   0.0
                  S      09 26.71
     S.D. = 0.2  on   4 of   4 obs.
-----------------------------------------
   FEB  03, 1992  07h 13m 44.62± 0.20s
    6.187 S ± 3.8km  131.466 E ± 5.2km
   DEPTH =  95.0km  (  2 depth phases)
   5.2mb ( 28 obs.)
 TANIMBAR ISLANDS REG., INDONESIA(281)
      CENTROID, MOMENT TENSOR     (HRV)
      Data Used: GDSN
      L.P.B.: 23S, 35C
      Centroid Location:
      Origin Time        07:13:46.5 0.8
      Lat  6.11S 0.06 Lon 131.84E 0.06
      Dep 100.8 3.3 Half-duration  1.6
      Moment Tensor;   Scale 10**16 Nm
        Mrr= 5.55 0.39  Mtt=-6.93 0.63
        Mff= 1.38 0.77  Mrt= 2.08 0.46
        Mrf= 4.52 0.38  Mtf= 0.52 0.49
       Principal Axes:
        T  Val=  8.71  Plg=57  Azm=284
        N       -1.43      32       82
        P       -7.28      10      178
      Best Double Couple:Mo=8.0*10**16
       NP1:Strike=301 Dip=45 Slip= 138
       NP2:         63     62       54

MTN      6.63 183 eP     15 19.40  -1.8
KNA      9.87 195 iPd    16 03.40  -2.0
                  iS     17 49.00
WB2     13.96 169 iPc    16 53.50  -6.0X
        0.7s   287.40nm          5.6mb X
                  eS     19 22.90
PMG     15.87 103 eP     17 22.00  -1.8
        1.0s   380.00nm          5.6mb
                  eS     20 07.00
KHKI    15.88 261 ePc    17 24.00   0.0
                  eS     20 18.40
                  e      22 51.00
QIS     16.32 152 iPc    17 25.30  -4.2X
        0.3s    83.00nm          5.4mb
                  iS     20 13.90
TSM     17.11 307 ePc    17 38.80  -0.4
ASPA    17.54 173 iPd    17 40.50  -4.1X
        0.7s   133.00nm          5.3mb
                  eS     20 48.00
MBL     18.67 216 eP     17 57.00  -1.1
        0.3s    15.00nm          4.8mb
                  eS     21 13.00
KKM     19.48 308 ePc    18 06.00  -0.8
        0.7s   187.20nm          5.5mb
                  e      18 11.50  20kmX
WARB    20.41 193 eP     18 17.00   0.6
                  eS     22 02.00
QLP     23.66 150 eP     18 49.00   0.7
        0.5s   140.00nm          5.6mb
                  i      19 05.00  69kmX
                  e      23 14.00
FORR    24.74 187 eP     18 58.60   0.0
        0.5s   127.00nm          5.6mb
                  eS     23 38.00
RMO     26.06 143 iPc    19 11.20   0.2
        0.8s    28.00nm          4.8mb
                  eS     24 12.00
MRWA    27.17 211 iPd    19 21.60   0.5
        0.5s    36.00nm          5.2mb
                  eS     24 31.00
STK     27.26 161 iPc    19 27.00   5.1X
        0.7s    10.40nm          4.5mb
                  ipP    19 47.60  92km
                  iS     24 36.10
BAL     27.97 208 iPd    19 29.00   0.7
CMS     28.54 154 eP     19 33.00  -0.4
                  e      19 55.00  98km
                  e      25 00.00
MUN     29.35 207 eP     19 40.50  -0.2
                  e      20 20.00 194kmX
ADE     29.41 168 eP     19 41.20   0.0
ARMA    30.66 144 iPd    19 53.50   1.1
        0.1s     2.00nm          4.8mb
                  eS     25 52.50
IPM     32.22 289 ePc    20 06.60   0.5
BFD     32.46 163 eP     20 12.00   4.1X
        1.2s    83.00nm          5.4mb
                  i      21 31.00 431kmX
                  e      26 32.00
TOO     33.75 160 iPd    20 20.20   1.0
        1.0s    80.00nm          5.5mb
                  e      26 53.00
DZM     37.28 119 iPc    20 49.20  -0.1
SSE     38.35 346 Pd     20 59.00   1.0
        1.4s    77.00nm          5.4mb
     Z  20s      0.50um          4.3Msz
                  sP     21 25.50
                  S      26 40.00
KHT     38.68 303 eP     21 01.60   0.6
BDT     39.64 306 eP     21 09.20   0.4
        0.7s    30.10nm          5.3mb
CHG     40.56 308 eP     21 17.00   0.6
        1.0s    45.00nm          5.3mb
                  e      27 19.00
CHTO    40.56 308 iPc    21 16.80   0.4
        0.9s    36.87nm          5.2mb
MAT     42.97   8 eP     21 34.00  -1.9
        0.8s    48.51nm          5.4mb
NIIJ    43.77   9 P      21 40.40  -2.0
BJI     48.11 344 eP     22 16.00  -0.7
        1.5s    59.00nm          5.2mb
                  eS     29 04.00
GUN     55.53 310 Pc     23 12.80  -0.1
PKI     55.72 309 Pc     23 13.20  -1.0
KKN     55.93 309 Pc     23 14.80  -0.8
DMN     55.98 309 Pc     23 15.20  -0.8
GKN     56.53 309 Pc     23 19.40  -0.4
HYB     57.28 295 iPc    23 23.70  -1.4
        1.0s    50.00nm          5.5mb
POO     61.87 295 iPd    23 53.50  -3.1X
IRK     62.67 342 eP     24 02.40   1.1
        1.9s    60.00nm          5.3mb
                  e      24 33.20 127kmX
YAK     68.02 359 iPc    24 34.70  -0.7
        0.8s    21.00nm          5.1mb
                  i      25 04.00 118kmX
                  e      33 24.00
QUE     71.53 305 iPc    24 58.10   0.4
        1.0s    43.00nm          5.3mb
SPA     83.85 180 iPc    26 05.50   0.7
        0.8s     8.75nm          4.8mb
SVW     87.23  28 eP     26 23.00   1.6
TTA     87.63  26 eP     26 22.60  -0.7
IMA     89.53  23 eP     26 33.00   0.6
        0.6s     3.00nm          4.6mb
BRW     90.06  18 eP     26 34.10  -0.4
PMR     90.38  28 eP     26 36.80   0.7
        0.8s    11.40nm          5.1mb
FBA     91.64  25 eP     26 41.70  -0.2
        0.6s     4.80nm          5.0mb
YKA    106.38  26 ePdiff27 47.40  -1.1
        0.5s     0.60nm          4.9mb
YKA    106.38  26 ePKP  31 58.90  -0.4
        0.5s     0.30nm
GEC2   112.73 321 PKP   32 11.00  -0.9
        0.6s     1.38nm
BCAO   113.23 272 iPKPd 32 09.10  -4.7X
        0.9s    14.00nm
BSF    117.40 321 ePKP  32 20.30  -0.6
HAU    117.61 322 ePKP  32 20.80  -0.4
LPG    118.32 319 iPKPc 32 23.60   0.6
        0.7s     4.95nm
LPL    118.32 319 iPKPc 32 23.40   0.5
        0.6s     4.05nm
SBF    118.45 317 iPKPc 32 23.00   0.0
        0.6s     9.00nm
LBF    119.49 321 iPKPc 32 25.40   0.5
        0.7s     4.40nm
SMF    119.72 321 ePKP  32 25.90   0.6
        0.7s     3.30nm
SSF    119.75 322 iPKPc 32 26.00   0.7
        0.7s     5.50nm
AVF    119.96 321 iPKPc 32 26.10   0.4
        0.9s     5.75nm
BGF    120.38 321 iPKPc 32 27.30   0.8
        0.7s     7.15nm
MAF    120.70 321 ePKP  32 27.80   0.7
TCF    120.89 321 iPKPc 32 28.30   0.8
        0.7s     4.95nm
LSF    121.33 321 ePKP  32 28.80   0.5
CAF    121.58 320 iPKPc 32 30.00   1.1
LPF    122.02 324 iPKPc 32 30.30   0.8
        0.7s     5.50nm
MFF    122.19 322 iPKPc 32 30.60   0.7
        0.7s     6.60nm
LPO    122.25 320 ePKP  32 31.40   1.3
KIC    136.48 273 PKP   32 51.60  -6.6X
ARE    148.03 135 ePKP  33 23.00   4.4X
LPB    150.26 140 PKP   33 28.00   5.8X
VAO    150.95 183 ePKP  33 29.90   7.2X
PPD    151.82 175 ePKP  33 31.00   7.1X
                  e      33 32.10
     S.D. = 0.9  on  64 of  76 obs.
-----------------------------------------
   FEB  03, 1992  07h 32m 03.20± 0.96s
   28.148 N ± 6.2km  139.913 E ± 9.3km
   DEPTH = 377.1 ± 11.6 km
   4.3mb ( 10 obs.)
 BONIN ISLANDS REGION               (212)

MAT      8.49 351 (P)    34 04.00  -0.3
        0.5s    12.68nm          4.4mb
                  (S)    35 39.00
GUMO    15.20 161 eP     35 21.40   0.3
PJG     15.20 161 eP     35 21.30   0.2
GUA     15.26 161 eP     35 22.10   0.3
CHTO    38.56 265 eP     38 52.90   0.3
        0.6s     1.54nm          3.5mb
GUN     47.35 283 P      40 03.60   0.5
PKI     47.84 283 P      40 07.00   0.2
KKN     47.90 283 P      40 07.60   0.5
DMN     48.09 283 P      40 07.20  -1.4
WB2     48.11 187 eP     40 07.40  -1.0
        0.2s     3.10nm          4.2mb
GKN     48.40 284 P      40 11.60   0.8
ASPA    51.84 187 ePd    40 35.90  -0.3
        0.4s     2.70nm          3.9mb
YKA     72.17  28 eP     42 49.00  -0.1
        0.6s     3.10nm          4.2mb
KAF     75.65 334 eP     43 08.90   0.0
        0.7s    11.00nm          4.7mb
NUR     77.21 333 eP     43 17.50   0.0
        0.5s     6.50nm          4.7mb
NB2     81.88 337 P      43 42.20   0.0
        0.9s     9.60nm          4.6mb
FFC     81.90  31 eP     43 43.00   0.7
        1.0s    11.00nm          4.6mb
GEC2    89.56 328 eP     44 19.20  -0.7
        1.1s     2.76nm          4.0mb
     S.D. = 0.6  on  18 of  18 obs.
-----------------------------------------
   FEB  03, 1992  08h 16m 07.00± 0.34s
   43.499 N ± 2.2km    0.648 W ± 4.2km
   DEPTH =  10.0km  (geophysicist)
 PYRENEES                           (378)
      ML 3.6 (LDG), 2.9 (STR). Felt
      (IV) in the Lacq oilfield area.

ARTL     0.06 135 Pg     16 09.77   0.5
MONL     0.07 182 Pg     16 09.70   0.4
USIL     0.08 175 Pg     16 09.39  -0.1
                  Sg     16 10.51
LAGL     0.09 188 Pg     16 09.83   0.2
CESL     0.13 139 Pg     16 09.66  -0.5
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LDBL     0.18 172 Pg     16 10.61  -0.5
                  Sg     16 12.71
OGE      0.35 159 Pg     16 13.82  -0.5
MADF     0.38 200 Pg     16 14.86   0.1
                  Sg     16 20.43
ELYF     0.41 217 Pg     16 16.04   0.6
                  Sg     16 23.12
ATE      0.41 185 Pg     16 15.36  -0.1
                  Sg     16 20.08
ESCF     0.42 173 Pg     16 15.36  -0.3
BOH      0.48 214 Pg     16 17.07   0.3
ISSF     0.48 193 Pg     16 16.79  -0.1
                  Sg     16 23.88
BTH      0.49 139 ePg    16 16.00  -1.0
                  iLg    16 23.50
JAU      0.50 156 Pg     16 16.37  -0.9
EPF      0.86 123 Pg     16 24.00   0.4
                  Sg     16 34.90
ENSF     1.00 134 Pg     16 25.37  -0.7
LESF     1.49 108 Pg     16 35.37   1.6
SALF     1.53 118 Pg     16 36.71   2.2
GRBF     1.73 112 Pn     16 37.21  -0.1
LFF      1.75  34 Pn     16 39.30   1.7
                  Pg     16 42.80
                  Sg     17 05.00
LPO      1.77  48 Pn     16 38.40   0.5
                  Pg     16 42.50
                  Sg     17 04.90
RJF      2.38  40 Pn     16 47.20   0.5
                  Pg     16 53.90
                  Sg     17 24.20
CAF      2.42  53 Pn     16 47.20   0.0
                  Pg     16 54.10
                  Sg     17 25.80
EBR      2.81 162 eP     17 03.00  10.3X
MFF      3.12   6 Pn     16 57.80   0.6
                  Pg     17 09.00
                  Sg     17 47.80
LSF      3.16  29 Pn     16 57.70   0.0
                  Pg     17 06.80
                  Sn     17 31.30
TCF      3.45  35 Pn     17 00.90  -1.0
                  Sg     17 58.80
MAF      3.55  39 Pn     17 03.40   0.1
BGF      3.94  38 Pn     17 08.20  -0.5
                  Pg     17 22.90
                  Sn     17 49.00
                  Sg     18 12.40
AVF      4.34  39 Pn     17 13.80  -0.7
SMF      4.47  44 Pn     17 16.00  -0.4
LPF      4.54 357 Pn     17 17.10  -0.2
SSF      4.61  38 Pn     17 17.00  -1.4
GRR      4.89 358 Pn     17 21.40  -0.9
     S.D. = 0.8  on  34 of  35 obs.
-----------------------------------
%  FEB  03, 1992  08h 25m 34.35± 0.84s
   40.387 S ± 4.2km  174.759 E ± 6.0km
   DEPTH = 104.4 ± 11.8 km
 COOK STRAIT, NEW ZEALAND          (163)

KIW      0.49 166 iPc    25 50.10  -0.6
MNG      0.60 113 iPd    25 51.40  -0.2
                  S      26 01.60
BSZ      0.60  13 eP     25 51.40  -0.2
CAW      0.76 162 Pc     25 53.10   0.2
DIW      0.76 237 Pd     25 52.10  -0.9
MRW      0.85 183 Pc     25 54.00   0.3
                  eS     26 05.80
WDW      0.90 169 P      25 54.50   0.2
TCW      0.90 204 Pc     25 54.50   0.2
MTW      0.96 144 P      25 55.10   0.2
MOW      1.10 160 eP     25 56.90   0.4
PGZ      1.18 102 eP     25 57.50   0.2
NRZ      1.23 328 eP     25 58.10   0.2
RUZ      1.33  20 P      25 59.50   0.3
MOZ      1.88   1 eP     26 07.20   1.2
                  eS     26 29.60
THZ      1.96 225 eP     26 07.60   0.4
                  eS     26 32.00
KHZ      2.23 204 Pc     26 11.00   0.5
DSZ      2.62 238 eP     26 15.40  -0.4
URZ      2.80  41 eP     26 16.90  -1.3
                  eS     26 49.60
LTZ      3.04 217 eP     26 21.00  -0.5
     S.D. = 0.6  on  19 of  19 obs.
-----------------------------------
%  FEB  03, 1992  08h 50m 46.68± 1.83s
   45.065 N ±21.7km   26.614 E ±12.5km
   DEPTH =  33.0km  (normol)
 ROMANIA                           (358)

ISR      0.09 326 eP     50 52.00  -0.5
MLR      0.64 312 ePc    50 59.50   0.1
VRI      0.81   5 iPd    51 01.00  -0.7
CVO      0.82 338 ePc    51 02.50   0.7
CFR      1.10  83 eP     51 06.00   0.3
     S.D. = 0.8  on   5 of   5 obs.
-----------------------------------
%  FEB  03, 1992  09h 53m 46.11± 0.70s
   40.389 N ± 5.8km   23.270 E ± 5.9km
   DEPTH =  10.0km  (geophysicist)
 GREECE                            (364)

THE      0.34 316 iPg    53 52.98  -0.1
                  iSg    53 58.21
SOH      0.44   8 ePg    53 54.58  -0.5
                  eSg    54 01.02
OUR      0.55  95 ePg    53 57.46   0.3
                  eSg    54 05.38
PAIG     0.56 146 ePg    53 57.02  -0.4
                  eSg    54 04.94
LIT      0.66 245 ePg    53 59.58   0.3
SRS      0.77  18 ePg    54 01.50   0.4
     S.D. = 0.5  on   6 of   6 obs.
-----------------------------------
?  FEB  03, 1992  10h 34m 48.06± 4.01s
   31.126 S ±23.1km   68.238 W ±49.5km
   DEPTH = 110.5 ± 25.0 km
 SAN JUAN PROVINCE, ARGENTINA      (137)

RTLL     0.28 224 ePc    35 04.00  -0.4
CFA      0.48 180 iPc    35 05.70   0.6
                  S      35 17.20
RTCB     0.60 233 iPd    35 05.20  -0.8
                  (S)    35 27.00
RTRS     1.42 312 iPc    35 14.50   0.2
MDZ      1.83 196 eP     35 20.70   1.3
                  iS     35 42.80
RFA      3.64 183 iPc    35 42.60  -0.9
     S.D. = 1.4  on   6 of   6 obs.
-----------------------------------
   FEB  03, 1992  12h 07m 30.43± 0.68s
   18.791 S ± 5.1km  169.208 E ± 5.8km
   DEPTH = 229.2 ±  6.4 km
   5.1mb ( 16 obs.)
 VANUATU ISLANDS                   (186)

PVC      1.35 321 iP     08 05.30  -0.6
                  iS     08 32.00
DZM      4.17 218 iPc    08 36.00   0.0
                  iS     09 28.20
HNR     12.93 315 eP     10 28.00   0.8
ARMA    19.71 231 iPd    11 45.40   1.1
         0.7s    43.00nm          5.1mb
RMO     20.36 244 iPd    11 52.20   1.5
         0.9s    79.00nm          5.2mb
RIV     22.00 224 iPc    12 09.80   3.2X
MNG     22.41 167 eP     12 11.20   0.5
         0.3s    24.00nm          5.2mb
CAW     22.80 169 eP     12 14.60   0.2
MRW     22.86 169 eP     12 14.50  -0.4
MTW     22.94 168 eP     12 15.30  -0.4
WDW     22.94 169 eP     12 15.60  -0.2
MOW     23.14 168 eP     12 17.40  -0.3
PMG     23.31 291 eP     12 20.00   0.6
QLP     24.28 247 iPd    12 28.90   0.4
         0.8s   136.00nm          5.6mb
CMS     24.59 235 iPd    12 31.70   0.4
         0.7s    36.00nm          5.1mb
LAT     24.76 296 eP     12 33.50   0.6
QIS     27.91 261 iPd    13 00.70  -0.8
         0.5s     8.00nm          4.6mb
TOO     27.92 223 iPc    13 02.00   0.5
                  i      13 53.00
STK     28.07 237 iPd    13 08.90   6.1X
         0.6s    18.10nm          4.9mb
ADE     31.45 233 eP     13 32.30  -0.3
WB2     32.87 262 iPc    13 43.30  -1.7
         0.4s    33.10nm          5.3mb
                  eS     18 41.90
ASPA    33.21 255 iPd    13 46.90  -1.0
         0.4s   385.50nm          6.4mb X
                  iS     18 47.90
MTN     37.06 273 eP     14 19.50  -0.8
         0.5s    90.00nm          5.6mb
KNA     38.68 268 iPd    14 33.00  -0.8
         0.6s    43.00nm          5.2mb
FORR    38.99 244 eP     14 36.00  -0.2
WARB    39.87 251 iPd    14 43.80   0.2
         0.4s    10.00nm          4.7mb
CHTO    78.44 294 iP     19 09.40   1.7
         0.7s     1.11nm          3.7mb X
                  pP     20 01.30 216kmX
SVW     84.48  16 eP     19 39.10   0.9
PMS     86.31  19 eP     19 47.40   0.2
YAK     86.41 343 iPd    19 47.40  -0.2
         1.3s    51.00nm          5.2mb
PMR     86.72  19 eP     19 48.40  -0.7
ISA     87.22  51 eP     19 53.00   0.8
SBB     87.29  52 eP     19 53.00   0.5
RVR     87.34  53 eP     19 53.00   0.3
PLM     87.46  54 eP     19 54.00   0.5
TPC     88.39  53 eP     19 58.00   0.2
IMA     89.09  14 eP     20 00.40  -0.1
         0.7s     4.10nm          4.5mb
FBA     89.66  17 eP     20 01.80  -1.2
         0.8s    12.30nm          4.9mb
PNT     92.41  38 eP     20 16.00   0.0
         0.8s    10.00nm          4.9mb
LRM     95.45  43 eP     20 31.00   0.7
YKA    100.28  27 ePdiff20 50.20  -1.3
         0.8s     3.90nm          4.9mb
MOX    143.56 336 ePKP   26 36.30  -2.9X
VAY    143.76 316 iPKP   26 36.60  -3.2X
KHC    143.92 333 PKP    26 38.00  -1.9
         1.2s     9.50nm
GEC2   144.08 332 PKPd   26 36.90  -3.3X
         1.0s     7.95nm
SKO    144.19 317 iPKPc  26 38.90  -1.6
         0.8s    59.00nm
GRF    144.47 335 ePKP   26 39.60  -1.2
MEM    145.55 341 PKP    26 42.00  -0.5
VBY    145.71 327 ePKP   26 43.60   0.7
DOU    146.43 342 PKPc   26 45.00   1.0
         0.4s     9.30nm
CDF    147.02 338 iPKPc  26 47.00   1.9
         0.9s    16.40nm
BSF    147.68 338 ePKP   26 48.60   2.4X
         0.8s     8.05nm
HAU    147.69 338 iPKPc  26 48.70   2.6X
         0.5s     5.85nm
BCAO   148.00 247 iPKPd  26 51.20   3.6X
         0.4s    10.00nm
                  i      27 48.50
ROI    148.59 317 PKP    26 51.80   4.0X
FLN    148.96 347 iPKPc  26 51.60   3.6X
         0.5s    10.20nm
LDF    149.04 346 iPKPc  26 51.70   3.5X
         0.5s     4.35nm
CZI    149.07 317 PKP    26 51.70   3.2X
LOR    149.17 340 iPKPc  26 52.50   4.1X
         0.6s    10.80nm
LBF    149.38 340 ePKP   26 53.00   4.2X
         0.7s     4.95nm
GRR    149.39 347 iPKPc  26 52.80   4.1X
         0.5s     7.30nm
SSF    149.46 341 iPKPc  26 53.30   4.4X
         0.9s    19.65nm
LPL    149.64 335 ePKP   26 54.20   4.7X
         0.9s     9.85nm
LPG    149.65 335 ePKP   26 54.30   4.7X
         0.7s     6.60nm
SMF    149.72 340 ePKP   26 53.50   4.2X
         1.1s    12.20nm
AVF    149.75 341 ePKP   26 53.70   4.4X
LPF    149.77 347 iPKPc  26 53.80   4.5X
         0.8s    24.20nm
BGF    150.12 341 iPKPc  26 54.60   4.7X
         0.7s     9.90nm
MAF    150.50 341 ePKP   26 55.70   5.2X
         0.7s     3.85nm
TCF    150.55 341 iPKPc  26 55.80   5.2X
         0.7s     7.70nm
SBF    150.69 332 ePKP   26 56.70   5.8X
         0.7s     9.90nm
LSF    150.79 342 iPKPc  26 56.00   5.1X
         0.6s     8.10nm
MFF    150.91 345 ePKP   26 56.50   5.5X
         0.5s     3.65nm
PGF    150.98 329 ePKP   26 56.80   5.4X
         0.7s    24.25nm
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03d 12h

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LMR    151.51 333 ePKP  26 57.80   5.8X
        0.7s      7.70nm
RJF    151.65 342 ePKP  26 58.30   6.1X
LFF    152.21 342 ePKP  26 59.60   6.6X
        0.7s      5.50nm
LPO    152.31 341 ePKP  26 59.80   6.6X
     S.D. = 0.9  on  46 of  78 obs.
-------------------------------------
%  FEB  03, 1992  12h 55m 55.03± 1.18s
   45.146 N ±13.3km   27.066 E ± 6.6km
   DEPTH =  10.0km  (geophysicist)
 ROMANIA                          (358)

ISR      0.37 269 ePc    56 03.00   0.4
VRI      0.76 342 iPc    56 10.00   0.1
CFR      0.77  87 eP     56 10.00   0.0
MLR      0.86 294 eP     56 11.00  -0.8
                  e      02 12.00
CVO      0.92 317 eP     56 13.00   0.3
     S.D. = 0.6  on   5 of   5 obs.
-------------------------------------
*  FEB  03, 1992  13h 55m 42.09± 1.64s
   31.003 S ±10.9km   68.856 W ±12.0km
   DEPTH = 118.6 ± 17.1 km
 SAN JUAN PROVINCE, ARGENTINA     (137)

RTLL     0.46 135 iPc    55 59.80  -0.2
RTCB     0.48 174 iPd    55 59.80  -0.4
                  S      56 13.00
ZON      0.56 164 iPd    55 53.00  -7.6X
                  iS     56 05.00
CFA      0.80 139 iPc    56 02.80   0.3
RTBS     0.83 218 iPd    56 03.00   0.4
                  S      56 17.50
RTRS     0.98 328 iPc    56 04.00  -0.1
                  S      56 19.50
TCA      3.67  96 eP     56 38.20   0.1
RFA      3.77 175 iP     56 39.30  -0.2
     S.D. = 0.4  on   7 of   8 obs.
-------------------------------------
&  FEB  03, 1992  14h 26m 23.83s
   41.084 N          121.818 W
   DEPTH =  15.1km
 NORTHERN CALIFORNIA              ( 36)
      <GM-P>. MD 3.1 (GM).

LBFM     0.27 348 ePc    26 29.75  -0.2
LTCM     0.91 195 eP     26 40.65   0.0
                  eS     26 53.52
ORV      1.55 171 ePn    26 51.25   0.4
                  eS     27 12.68
FHC      1.67 261 eP     26 53.77   1.2
CMB      3.24 160 ePg    27 22.78   7.6
BONR     4.14 138 (P)    27 30.97   2.8
         6 obs. associated
-------------------------------------
   FEB  03, 1992  15h 43m 05.36± 0.51s
   39.198 N ± 4.2km   29.478 E ± 7.1km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                           (366)

DST      0.77 302 iPg    43 19.30  -1.2
KHL      0.87 178 iPg    43 21.60  -0.6
IZI      1.14 360 iPn    43 26.50  -0.2
GPA      1.26  30 iPn    43 29.80   0.9
KCT      1.36 321 iPg    43 25.60  -4.7X
YLV      1.37 357 iPn    43 30.80   0.3
GBZT     1.59 359 ePn    43 34.00   0.4
                  ePg    43 37.00
                  iSg    43 56.50
HRT      1.63   5 iPn    43 34.10  -0.1
BNT      1.67 314 iPn    43 34.10  -0.6
EDC      1.69 313 ePn    43 45.00   9.9X
ISK      1.89 350 iPn    43 37.50  -0.5
IZM      1.91 246 iPn    43 40.40   2.1
CIN      1.93 215 eP     43 38.00  -0.6
ITU      1.94 350 eP     43 42.00   3.4X
BCK      1.94 153 ePn    43 37.20  -1.6
ELL      2.47 172 iPn    43 48.00   1.6
BBTK     2.62  75 eP     43 55.00   6.5X
                  iS     44 32.00
DMK      2.93 334 ePn    43 51.90  -0.9
KAS      3.93  55 eP     44 07.00  -0.1
MLR      6.81 339 eP     44 49.00   1.1
     S.D. = 1.1  on  16 of  20 obs.
-------------------------------------
   FEB  03, 1992  15h 44m 22.65± 0.26s
   34.496 N ± 4.1km   93.147 E ± 4.8km
   DEPTH =  10.0km  (geophysicist)
   4.7mb ( 13 obs.)
 QINGHAI, CHINA                   (325)

GUN      9.04 225 P      46 37.80   1.3
KKN      9.49 227 P      46 42.60   0.0
PKI      9.57 226 P      46 44.00   0.2
DMN      9.73 227 P      46 46.00   0.1
GKN      9.74 231 P      46 46.40   0.4
         0.9s     57.00nm          6.0mb X
KMI     12.51 136 Pd     47 20.00  -3.7X
         1.5s     60.00nm          5.6mb X
                   sP     47 34.00
CHG     16.45 160 eP     48 15.00  -0.2
         1.0s     32.50nm          4.4mb
CHTO    16.45 160 eP     48 14.00  -1.1
         1.0s     29.75nm          4.4mb
BDT     17.96 162 eP     48 35.00   0.9
         1.0s     34.50nm          4.4mb
LOE     18.67 154 eP     48 43.00   0.1
BJI     19.12  66 eP     48 48.00  -0.2
         1.5s     99.00nm          4.8mb
      Z  16s      0.70um          3.7MszX
                   eS     52 24.00
IRK     19.49  21 ePc    48 52.70   0.1
         1.6s     50.00nm          4.5mb
                   LR     56 08.00
NST     19.77 160 eP     49 00.00   4.2X
KHT     20.23 165 eP     49 02.00   1.3
HYB     21.44 221 iPd    49 12.00  -1.2
         1.0s    160.00nm          5.4mb X
                   e      49 47.00
                   eS     53 16.00
QUE     22.52 266 eP     49 25.00   0.9
POO     23.40 232 iPc    49 30.50  -2.1
SSE     23.78  90 Pd     49 37.20   1.1
      Z  12s      0.90um          4.5MszX
                   SS     57 04.00
YAK     35.91  29 iPd    51 24.40  -0.1
         1.0s     60.00nm          5.4mb X
KAF     49.44 325 eP     53 14.90   0.5
NB2     56.71 325 P      54 07.90  -0.6
         0.9s      6.30nm          4.6mb
WRA     66.83 138 P      55 15.90  -0.9
         0.5s      6.00nm          5.0mb
IMA     67.53  24 eP     55 20.60  -0.4
MBC     67.63   8 eP     55 21.50   0.3
ASPA    69.60 140 iPd    55 33.00  -1.1
         0.5s      3.50nm          4.8mb
SVW     69.66  29 eP     55 34.60   0.5
FBA     70.20  23 eP     55 37.20   0.0
         0.8s      6.21nm          4.8mb
PMR     71.86  26 eP     55 47.20   0.0
         1.0s     17.00nm          5.1mb
KLU     73.09  25 eP     55 54.80   0.2
RMQ     80.33 131 eP     56 36.20   0.7
         1.0s     25.00nm          5.2mb
YKA     80.80  13 eP     56 36.90  -0.6
         1.2s      3.80nm          4.3mb
BUL     81.91 239 iPc    56 44.00  -0.1
         0.8s     41.04nm          5.6mb X
FFC     90.19   9 ePd    57 24.50   0.2
         1.2s     16.00nm          5.1mb
     S.D. = 0.8  on  31 of  33 obs.
-------------------------------------
%  FEB  03, 1992  17h 20m 23.97± 1.13s
   44.606 S ± 6.7km  167.855 E ±10.4km
   DEPTH = 103.4 ± 11.4 km
 SOUTH ISLAND, NEW ZEALAND        (162)

MSZ      0.08 146 Pd     20 37.50  -0.4
                   eS     20 45.40
MMCZ     0.99 114 Pd     20 45.20   0.2
TLC      1.04 125 Pd     20 45.60   0.0
SBCZ     1.14 116 Pd     20 46.60   0.0
CMCZ     1.15 119 Pd     20 46.80   0.1
                   eS     21 01.00
LRCZ     1.16 114 Pd     20 46.90   0.1
LSCZ     1.19 116 Pd     20 47.10   0.0
BCZ      1.40 180 eP     20 49.40  -0.1
BWZ      1.45  88 Pc     20 50.70   0.6
TUZ      1.84 138 P      20 55.00  -0.1
                   eS     21 14.80
ODZ      2.03 103 Pd     20 57.60   0.0
                   eS     21 19.10
SIZ      2.28 175 eP     21 01.00   0.2
EWZ      2.42  64 Pc     21 03.20   0.5
MOZ      3.57  77 eP     21 17.20  -1.0
                   eS     21 54.80
LTZ      3.68  62 eP     21 19.00  -0.9
DSZ      4.06  47 eP     21 25.40   0.3
THZ      4.66  54 eP     21 32.70  -0.6
                   eS     22 24.80
DIW      5.87  52 eP     21 51.10   1.2
     S.D. = 0.6  on  18 of  18 obs.
-------------------------------------
?  FEB  03, 1992  17h 45m 46.51± 3.48s
   43.015 N ±28.0km  146.595 E ±35.5km
   DEPTH = 111.6 ± 36.7 km
   4.0mb (  3 obs.)
 KURIL ISLANDS                    (221)

HOOJ     2.52 257 eP     46 26.80   0.0
                   eS     46 56.70
OFUJ     5.42 225 P      47 06.20   0.0
                   S      48 06.20
YKA     56.64  33 eP     55 19.70   0.0
         0.6s      1.20nm          4.1mb
NB2     70.14 339 P      56 48.20  -0.1
         0.4s      0.90nm          4.0mb
HFS     70.21 337 eP     56 48.70   0.1
         0.3s      0.80nm          4.0mb
     S.D. = 0.1  on   5 of   5 obs.
-------------------------------------
*  FEB  03, 1992  19h 12m 08.43± 0.63s
   15.800 S ± 7.9km   71.681 W ±29.9km
   DEPTH =  10.0km  (geophysicist)
   4.4mb (  1 obs.)
 SOUTHERN PERU                    (117)

ARE      0.68 165 iPc    12 22.00  -0.2
                  i(S)   12 31.50
LPB      3.52 102 P      13 10.00   5.3X
         1.0s    700.00nm
NNA      6.28 306 eP     13 45.50   2.0X
         0.7s     46.58nm          5.4mb X
ANT      7.95 172 iPc    14 04.50  -2.3
         0.7s     71.23nm          6.0mb X
SLA     10.61 148 eP     14 44.00   0.3
RTCB    15.83 171 iPd    15 56.00   2.8X
CFA     16.05 169 ePd    15 52.50  -3.3X
MDZ     17.20 172 eP     16 13.50   3.0X
PEL     17.29 177 eP     16 10.50  -1.1
LCCH    17.60 180 eP     16 18.00   2.6X
SAN     17.60 177 eP     16 16.00   0.6
PCH     17.77 177 eP     16 09.50  -8.2X
LNV     18.08 179 eP     16 22.00   0.7
CACH    18.26 177 eP     16 24.00   0.2
RFA     19.11 172 iP     16 35.50   1.4
SDV     24.55   2 eP     17 28.80  -1.0
TOV     25.49   4 eP     17 39.80   1.1
KIC     69.82  77 P      23 18.70  -3.0X
SES     74.43 335 eP     23 48.00  -0.4
YKA     84.97 341 eP     24 43.20  -1.6
         0.9s      2.50nm          4.4mb
WRA    136.23 217 PKP    31 34.50   1.7
         0.7s      4.20nm
MAT    146.36 314 (PKP) 31 51.00   0.7
         0.9s     15.13nm
HYB    151.44  83 ePKP   32 04.00   5.3X
KKN    155.56  57 PKP    32 00.00  -4.4X
     S.D. = 1.3  on  14 of  24 obs.
-------------------------------------
?  FEB  03, 1992  19h 47m 01.93± 3.40s
   6.898 S ±24.8km  129.653 E ±29.6km
   DEPTH = 134.4 ± 34.1 km
   4.5mb (  3 obs.)
 BANDA SEA                        (280)

MTN      6.09 166 iPc    48 31.90   1.1
         0.3s    215.00nm          5.9mb X
                   eS     49 35.00
KNA      8.84 186 iPc    49 07.20  -0.8
                   eS     50 39.00
QIS     16.65 146 iPd    50 48.50  -0.3
         0.3s     13.00nm          4.7mb
                   eS     53 42.00
ASPA    17.17 167 eP     50 54.40  -0.7
         0.4s     15.70nm          4.7mb
                   eS     53 58.60
FORR    23.87 183 eP     52 05.00   0.8
CHG     39.62 311 eP     54 38.60  16.5X
CHTO    39.62 311 eP     54 22.00  -0.1
```

1.0s 2.00nm 3.8mb
S.D. = 1.2 on 6 of 7 obs.

% FEB 03, 1992 20h 36m 01.99± 0.61s
41.722 S ± 5.6km 173.738 E ± 5.5km
DEPTH = 75.3 ± 12.1 km
SOUTH ISLAND, NEW ZEALAND (162)

CCW	0.36	95	Pc	36 14.80	0.5
THZ	0.63	266	iPd	36 15.40	-1.4
			eS	36 23.90	
TCW	0.65	39	Pc	36 16.30	-0.6
KHZ	0.71	192	Pc	36 19.00	1.4
			eS	36 30.30	
MRW	0.88	56	iPd	36 19.80	0.3
DIW	0.93	9	P	36 18.80	-1.4
WDW	1.05	65	Pd	36 21.70	0.1
CAW	1.17	59	Pd	36 23.40	0.2
MOW	1.18	76	Pd	36 23.40	0.1
KIW	1.23	46	Pd	36 24.50	0.5
BLW	1.35	75	Pd	36 25.40	-0.2
MTW	1.44	68	Pd	36 26.50	-0.2
DSZ	1.45	268	Pd	36 27.00	0.1
LTZ	1.52	225	eP	36 28.80	0.9
MNG	1.72	51	Pd	36 30.30	-0.2
BSZ	2.12	26	eP	36 36.80	0.8
MQZ	2.14	202	eP	36 35.50	-0.7
PGZ	2.21	61	eP	36 35.90	-1.3
NRZ	2.39	4	eP	36 41.00	1.3
EWZ	2.78	229	eP	36 45.70	0.6
RUZ	2.87	26	eP	36 46.00	-0.3
MOZ	3.31	15	eP	36 53.10	0.5
ODZ	4.01	213	eP	37 01.10	-1.2

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

FEB 03, 1992 20h 36m 26.67± 0.86s
36.618 N ± 8.7km 16.031 E ± 3.9km
DEPTH = 33.0km (normal)
CENTRAL MEDITERRANEAN SEA (400)
ML 4.5 (TTG).

MEU	1.01	299	Pd	36 44.00	-0.6
			eSg	36 59.40	
SOI	1.45	1	P	36 54.00	3.2X
			eSg	37 13.00	
ATN	1.61	344	P	36 55.10	2.0
			eSg	37 16.00	
MNO	1.69	321	P	36 55.40	0.9
			eSn	37 18.00	
FAI	2.00	290	Pd	36 58.20	-0.6
GIB	2.10	311	P	37 01.50	1.1
			eSn	37 27.40	
MCT	2.17	299	P	37 03.00	1.7
ACI	2.73	3	P	37 12.10	3.0X
CVT	2.80	293	P	37 08.40	-1.6
			eSn	37 41.10	
ROI	2.98	8	P	37 16.20	3.5X
TDS	3.05	4	P	37 16.20	2.6
USI	3.08	314	P	37 13.10	-1.0
ERC	3.09	298	P	37 12.80	-1.5
CSI	3.16	4	P	37 19.70	4.4X
MMN	3.27	359	P	37 18.50	1.8
			eSn	37 56.50	
MGR	3.53	354	P	37 23.00	2.4
			eSn	38 03.30	
VLS	3.95	65	iPd	37 26.50	0.0
SGO	3.98	352	P	37 28.80	2.0
			eSn	38 13.20	
LCI	4.01	22	P	37 28.30	1.1
			eSn	38 15.20	
KEK	4.29	43	eP	37 31.30	0.1
			eS	38 20.50	
BRT	4.35	12	Pc	37 32.00	-0.2
			eSn	38 21.40	
IGT	4.47	48	eP	37 34.38	0.5
BAI	4.54	8	P	37 35.00	0.1
SDI	5.36	342	P	37 46.50	0.0
AGG	5.53	62	eP	37 51.02	2.1
VLI	5.55	87	eP	37 49.60	0.5
KZN	5.82	49	eP	37 54.20	1.2
OHR	5.83	38	ePn	37 53.00	-0.1
ULC	5.89	24	iPnd	37 53.04	-0.9
			iSn	38 52.28	
FNA	5.90	44	eP	37 54.54	0.5
BDV	6.06	20	iPnc	37 55.08	-1.2
			iSn	38 55.56	
HCY	6.13	17	iPnc	37 55.68	-1.6
			iSn	38 56.80	
LIT	6.15	54	eP	37 57.82	0.2
ATH	6.27	75	eP	38 00.50	1.2
TTG	6.32	22	iPnd	37 58.72	-1.2
			iSn	39 02.28	
HVAR	6.56	3	e(Pn)	38 01.60	-1.7
			iSn	39 14.20	
BRY	6.57	16	iPnd	38 02.02	-1.5
			iSn	39 07.62	
NKY	6.60	19	iPnc	38 02.56	-1.4
			iSn	39 08.54	
PVY	6.70	26	iPnc	38 04.20	-1.2
			iSn	39 11.88	
THE	6.75	51	eP	38 06.10	0.2
SKO	6.79	36	ePg	39 04.80	58.2X
			i	39 07.00	
			iSg	39 20.60	
			i	39 22.50	
PAIG	6.86	59	eP	38 07.26	-0.3
IVA	6.92	24	iPnd	38 07.48	-0.9
			iSn	39 16.74	
VAY	6.93	45	iPn	38 07.60	-0.9
KNT	7.02	48	eP	38 09.57	-0.2
SOH	7.10	52	eP	38 10.50	-0.4
PLE	7.18	20	iPnc	38 10.40	-1.7
			iSn	39 22.70	
OUR	7.26	57	eP	38 12.94	-0.1
SRS	7.41	50	eP	38 14.14	-1.2
NPS	7.89	97	eP	38 22.00	0.0
BZS	9.93	23	ePc	38 50.00	0.0
YKA	73.58	338	eP	47 57.50	-0.4

0.6s 0.20nm 3.3mb
S.D. = 1.2 on 47 of 52 obs.

? FEB 03, 1992 21h 32m 24.86± 6.40s
28.848 S ±38.6km 72.555 W ±44.7km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)

RTCB	4.18	130	eP	33 36.00	5.8X
			S	34 21.50	
PEL	4.57	160	eP	33 35.50	-0.2
CFA	4.64	127	ePc	33 36.50	-0.2
PCH	5.07	160	eP	33 43.50	0.7
			eS	34 49.50	
MDZ	5.13	143	eP	34 11.40	27.8X
LNV	5.19	169	eP	33 43.00	-1.3
			eS	34 36.50	
CHCH	5.32	163	eP	33 47.00	0.6
CACH	5.51	163	eP	33 49.60	0.5
CYA	5.96	88	iP	33 55.50	0.3
TCA	7.33	112	ePc	34 14.20	-0.5

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

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* FEB 03, 1992 21h 43m 16.82± 2.05s
34.765 N ± 9.7km 140.918 E ±15.1km
DEPTH = 57.7 ± 17.5 km
4.3mb (4 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)
Felt (II JMA) in parts of the
Boso Peninsula.

IIDJ	2.57	287	iPd	43 56.30	-0.5
			S	44 25.10	
MAT	2.83	310	iPd	44 00.40	-0.2
			(S)	44 32.00	
MTMJ	3.12	307	iPd	44 04.70	0.0
			eS	44 38.60	
SHNJ	8.13	268	P	45 16.30	1.6
KAGJ	9.15	250	eP	45 29.10	0.4
ASAJ	9.43	8	eP	45 31.40	-1.2
YAK	28.18	349	eP	49 06.10	0.6
			e	54 00.00	
CHTO	40.38	258	eP	50 49.70	-1.1
	0.8s		0.92nm		3.7mb
WB2	54.76	188	iPd	52 42.20	-0.6
	0.3s		10.20nm		5.3mb X
WRA	54.76	188	P	52 42.50	-0.3
	0.4s		5.80nm		5.0mb
HYB	57.76	270	eP	53 04.00	-0.5
ASPA	58.49	188	iPd	53 08.50	-0.8
	0.3s		5.00nm		5.1mb
WARB	62.11	195	eP	53 35.00	1.0
YKA	65.97	29	eP	54 01.20	2.5
	0.6s		0.30nm		3.5mb
KAF	70.14	333	eP	54 24.30	-0.4
NUR	71.76	332	eP	54 34.00	-0.5

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

? FEB 03, 1992 23h 07m 21.60± 1.74s
46.375 N ± 7.2km 7.218 E ±20.4km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)
ML 2.0 (LDG).

LPL	0.92	202	Pg	07 39.40	0.0
			Sg	07 55.80	
LPG	0.94	201	Pg	07 39.70	0.0
			Sg	07 56.30	
BSF	1.49	349	Pg	07 48.40	-0.1
			Sg	08 10.00	
LBF	2.31	286	Pg	07 59.60	-0.8
			Sg	08 25.00	
LOR	2.47	292	Pg	08 03.40	0.8
			Sg	08 30.00	

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

% FEB 04, 1992 00h 55m 51.01± 0.79s
40.393 N ± 6.8km 23.786 E ± 9.4km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 2.2 (THE).

OUR	0.16	111	ePg	55 54.84	0.1
			eSg	55 57.40	
PAIG	0.47	190	iPg	56 00.45	-0.2
			eSg	56 07.00	
SOH	0.54	323	ePg	56 01.62	-0.3
			iSg	56 09.58	
SRS	0.74	349	ePg	56 05.12	-0.4
			eSg	56 15.16	
KNT	1.02	319	ePg	56 11.04	0.7
			eSg	56 25.08	

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

% FEB 04, 1992 01h 00m 14.56± 1.28s
40.138 N ± 9.3km 28.065 E ± 8.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

KCT	0.25	64	iPg	00 21.30	1.4
EDC	0.26	324	ePg	00 20.00	-0.1
DST	0.69	141	iPg	00 28.50	0.3
			iSg	00 37.00	
YLV	1.09	66	iPg	00 34.20	-0.9
			eSg	00 47.70	
IZI	1.10	79	ePg	00 34.20	-1.0
			eSg	00 47.20	
ISK	1.20	39	ePn	00 37.00	0.2
HRT	1.40	60	iPn	00 40.20	0.0

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

FEB 04, 1992 01h 05m 09.78± 0.77s
43.320 N ± 5.7km 8.196 E ± 5.9km
DEPTH = 10.0km (geophysicist)
CORSICA (380)
ML 2.6 (LDG).

IMI	0.63	339	P	05 22.20	-0.3
			S	05 29.25	
REVF	0.73	305	Pg	05 24.04	-0.2
			Sg	05 34.18	
SBF	0.77	315	Pg	05 25.00	0.1
			Sg	05 34.70	
AURF	0.85	312	Pg	05 26.12	-0.1
AUTN	0.88	321	Pg	05 26.60	-0.2
FIN	0.89	1	P	05 26.07	-0.8
			S	05 36.12	
PGF	0.97	142	Pg	05 28.36	0.1
TOUF	0.98	316	Pg	05 28.38	-0.1
			Sg	05 41.12	
ROB	1.00	347	P	05 28.15	-0.7
			S	05 38.89	
CALN	1.04	295	Pg	05 29.57	0.0
			Sg	05 42.29	
ENR	1.07	328	P	05 29.84	-0.1
			S	05 41.76	
STV	1.12	326	P	05 30.68	-0.1
FRF	1.15	283	Pg	05 31.10	-0.3
			Sg	05 44.40	
LMR	1.23	271	Pg	05 32.20	-0.5
			Sg	05 46.30	
PCP	1.25	12	P	05 32.02	-1.0
			S	05 45.92	

04d 01h

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LRG      1.35 276 Pg     05 34.20  -0.3
                 Sg     05 50.20
PZZ      1.42 327 P      05 35.91   0.1
                  S      05 52.01
BHB      1.66 336 P      05 38.38  -0.7
CDR      1.80 282 eP     05 50.00   8.9X
                  e      06 01.60
LPG      2.41 335 Pg     05 52.60   2.4
LPL      2.43 335 Pg     05 52.90   2.5
     S.D. = 0.9  on  20 of  21 obs.
-----------------------------------------
*  FEB  04, 1992  01h 58m 39.74± 1.57s
   7.138 S ± 8.6km  109.067 E ±12.8km
   DEPTH =  58.3 ± 15.0 km
   5.0mb ( 13 obs.)  4.4Msz (  2 obs.)
 JAWA, INDONESIA                  (277)
      One person injured, 800 houses
      destroyed, 700 damaged and 1,500
      families left homeless in the
      Brebes area.
      CENTROID, MOMENT TENSOR     (HRV)
      Data Used: GDSN
      L.P.B.: 15S, 17C
      Centroid Location:
      Origin Time        01:58:43.3 2.3
      Lat  7.35S 0.15 Lon 109.75E 0.15
      Dep  49.012.1 Half-duration  1.3
      Moment Tensor;   Scale 10**16 Nm
        Mrr= 3.04 0.37  Mtt= 0.63 0.41
        Mff=-3.67 0.64  Mrt=-1.96 0.86
        Mrf= 0.36 0.76  Mtf= 2.33 0.38
       Principal Axes:
        T  Val=  4.23  Plg=56  Azm=167
        N        0.63      33      329
        P       -4.85       9       64
      Best Double Cauple:Ma=4.5*10**16
       NP1:Strike=186 Dip=46 Slip= 138
       NP2:        308      61       52

TPI      4.57 342 ePc    59 47.80  -0.2
                  eS     00 01.00
                  e      10 20.00
KLI      4.76 298 eP     00 00.50   9.9X
                  eS     01 02.00
                  e      02 07.00
KGM     10.75 328 eP     01 13.00  -0.6
IPM     14.14 325 ePd    02 02.90   4.3X
         1.0s    69.30nm          5.2mb
                  e      06 27.70
SNG     16.53 329 eP     02 32.30   3.0X
                  eS     05 48.50
                  e      06 50.00
MRWA    22.91 164 eP     03 40.30   0.8
KHT     24.13 335 eP     03 52.20   0.8
NST     24.33 339 eP     04 00.10   6.8X
BAL     24.42 164 eP     03 55.00   0.8
COOL    26.19 156 eP     04 10.00  -0.8
WB2     27.63 120 eP     04 23.50  -0.5
         1.0s    10.80nm          4.4mb
CHG     27.65 339 ePc    04 25.00   0.8
         1.2s    56.64nm          5.1mb
CHTO    27.65 339 iP     04 24.90   0.7
         1.3s    54.74nm          5.0mb
ASPA    28.95 127 iPd    04 35.90  -0.1
         0.8s    14.00nm          4.6mb
      Z  23s     0.50um          4.1MszX
OIS     32.43 117 eP     05 06.50  -0.1
         0.2s     2.00nm          4.6mb
KMI     32.65 349 Pc     05 11.00   2.3
         1.6s    80.00nm          5.3mb
      Z  14s     1.10um          4.7MszX
      N  11s     0.70um
      E  11s     0.80um
SHL     36.55 333 iPd    05 41.80  -0.2
STK     39.04 133 eP     06 10.50   7.8X
         0.6s    10.80nm          4.9mb
SSE     39.75  16 Pd     06 08.00  -0.4
         1.0s     9.00nm          4.6mb
      Z  20s     0.50um          4.4Msz
                  eS     11 46.00
PKI     41.40 327 P      06 21.20  -1.3
GUN     41.43 328 P      06 22.80   0.1
         1.1s    51.00nm          5.2mb
DMN     41.60 327 P      06 23.00  -1.0
KKN     41.65 327 P      06 23.60  -0.8
GKN     42.16 327 P      06 27.60  -0.9
         1.1s    37.00nm          5.1mb
BFD     42.66 139 iPc    06 37.00   4.7X
BJI     47.40   7 eP     07 12.00   1.9
         1.5s    59.00nm          5.3mb
      Z  20s     0.42um          4.4Msz
                  e      07 29.50
QUE     54.86 315 eP     08 03.40  -3.5X
YAK     70.78  10 eP     09 50.40  -1.2
                  e      10 14.00
BUL     78.64 251 iPc    10 37.90   0.2
BCAO    91.07 274 iPd    11 40.90   1.0
         0.8s    14.00nm          5.4mb
YKA    116.27  21 ePKP   17 16.50  -1.4
         1.0s     0.60nm
     S.D. = 1.1  on  24 of  31 obs.
-----------------------------------------
?  FEB  04, 1992  02h 41m 11.07± 3.76s
   33.028 S ±14.6km   71.901 W ±31.5km
   DEPTH =  33.0km  (normal)
 NEAR COAST OF CENTRAL CHILE      (135)
      MD 3.6 (SAN).

IHA      0.22  90 iPd    41 17.90   0.1
                  iS     41 21.70
LCCH     0.53 148 iPd    41 21.70  -0.4
                  iS     41 27.90
LNV      1.01 156 iPd    41 28.50  -0.4
PEL      1.03  97 iPd    41 28.70  -0.5
                  iS     41 41.00
SAN      1.12 113 eP     41 30.00  -0.5
                  iS     41 43.00
JACH     1.15  73 iPd    41 31.30   0.2
                  iS     41 45.30
PCH      1.30 117 iPd    41 33.30   0.1
                  iS     41 48.70
CHCH     1.38 131 iPd    41 34.50   0.2
                  iS     41 50.70
CACH     1.54 135 iPd    41 37.80   1.2
                  iS     41 57.50
     S.D. = 0.6  an   9 of   9 obs.
-----------------------------------------
?  FEB  04, 1992  03h 38m 39.37± 0.79s
    5.474 S ±20.8km  110.713 E ±15.8km
   DEPTH =  33.0km  (normal)
   4.0mb (  4 obs.)
 JAVA SEA                         (275)

TPI      4.07 311 ePc    39 41.40   0.5
                  eS     40 43.50
                  e      44 20.00
KLI      5.86 276 eP     40 06.00  -0.3
                  eS     40 59.00
CHG     26.78 335 eP     44 24.40   6.0X
CHTO    26.78 335 eP     44 18.00  -0.3
         1.0s     4.25nm          4.0mb
WB2     27.12 124 eP     44 21.40  -0.1
         0.5s     2.10nm          4.0mb
ASPA    28.74 131 iPd    44 34.90  -1.2
         0.9s     3.00nm          4.0mb
STK     39.04 136 eP     46 06.50   1.5
         0.8s     2.00nm          3.9mb
BJI     45.57   6 eP     47 10.00  12.1X
     S.D. = 1.2  on   6 of   8 obs.
-----------------------------------------
   FEB  04, 1992  04h 22m 42.42± 0.43s
   43.401 N ± 6.2km   17.704 E ± 4.7km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION       (383)
      ML 2.7 (TTG).

BRY      0.79 129 iPgd   22 56.58  -1.3
                  iSg    23 07.68
HVAR     0.94 257 iPg    23 00.90   0.5
                  iSg    23 13.00
NKY      1.12 121 iPgc   23 02.46  -1.0
                  iSg    23 18.50
HCY      1.12 148 iPgc   23 02.70  -0.7
                  iSg    23 18.66
PLE      1.23  93 iPgd   23 05.06  -0.4
                  iSg    23 23.02
BDV      1.39 143 iPgd   23 07.48  -0.4
                  iSg    23 27.34
TTG      1.50 130 iPgc   23 09.60   0.3
                  iSg    23 30.86
IVA      1.69 107 iPnd   23 13.04   0.8
                  iSn    23 36.44
ULC      1.83 141 iPnc   23 15.48   1.2
                  iSn    23 39.82
PVY      1.85 115 iPnc   23 15.48   0.9
                  iSn    23 40.04
BEO      2.44  53 eP     24 03.80  40.9X
VBY      2.74 321 ePn    23 28.80   1.6
                  eSn    24 02.50
PTJ      2.79 334 ePn    23 26.50  -1.5
                  eSn    24 05.70
RIY      3.07 310 e(Pn)  23 32.80   1.0
SDI      3.33 241 P      23 36.40   0.7
BZS      3.57  50 ePc    23 40.00   1.1
TRI      3.64 311 eP     23 48.50   8.5X
                  e      24 37.80
ASS      3.70 267 P      23 40.30  -0.6
VOY      3.78 315 ePn    23 41.50  -0.6
                  eSn    24 28.50
                  eSg    24 51.20
FVI      4.73 314 P      23 53.80  -1.6
     S.D. = 1.1  on  18 of  20 obs.
-----------------------------------------
   FEB  04, 1992  05h 15m 01.78± 0.43s
    3.321 S ± 5.8km  149.018 E ± 7.1km
   DEPTH =  10.0km  (geophysicist)
   4.6mb (  6 obs.)  4.8Msz (  2 obs.)
 BISMARCK SEA                     (203)

RAB      3.26 105 eP     15 53.00  -1.0
MDG      3.75 239 eP     16 00.40  -0.6
LAT      3.87 211 eP     16 03.40   0.7
                  eS     17 24.00
PMG      6.33 197 eP     16 42.00   4.6X
         0.9s    50.42nm          5.4mb X
                  eS     18 21.00
GUA     17.24 346 eP     19 03.90  -0.5
OIS     19.43 207 eP     19 30.00  -1.5
         0.5s     8.00nm          4.2mb
WB2     21.86 220 eP     19 55.20  -1.4
         0.5s    21.10nm          4.8mb
RMO     23.04 181 eP     20 09.00   0.7
         0.8s    26.00nm          4.8mb
OLP     23.58 191 eP     20 15.00   1.5
                  e      21 10.00
ASPA    24.95 215 iPd    20 27.30   0.4
         1.3s    28.40nm          4.8mb
      Z  22s     2.50um          4.7Msz
                  eS     24 55.40
DZM     25.17 139 iPc    20 29.20   0.2
SSE     43.30 324 eP     22 52.00 -13.5X
      Z  20s     1.40um          4.9Msz
      E  11s     0.50um
                  S      29 34.00
BJI     52.62 328 eP     24 08.00 -10.2X
      Z  34s     1.44um          4.8MszX
                  eS     31 46.00
CHG     53.95 296 eP     24 28.00  -0.3
CHTO    53.95 296 eP     24 28.00  -0.3
         1.0s     4.75nm          4.5mb
SHL     62.31 301 eP     25 26.60  -0.6
                  eS     33 57.00
GUN     68.14 302 P      26 05.60   0.6
PKI     68.44 301 P      26 07.00   0.1
KKN     68.61 301 P      26 08.00   0.2
DMN     68.71 301 P      26 09.40   0.9
GKN     69.22 301 P      26 11.80   0.3
YKA     95.88  28 eP     28 30.20   0.5
         0.7s     0.90nm          4.4mb
KIC    153.68 278 PKP    35 08.00  12.6X
     S.D. = 0.8  on  19 of  23 obs.
-----------------------------------------
?  FEB  04, 1992  05h 33m 55.71± 2.93s
   44.395 N ±58.3km  149.378 E ±21.9km
   DEPTH =  33.0km  (normal)
   4.4mb (  5 obs.)
 KURIL ISLANDS                    (221)

PDB     36.68  45 eP     41 01.53   0.6
IMA     37.24  34 eP     41 06.10   0.4
         0.7s     7.90nm          4.7mb
FBA     39.63  37 eP     41 25.47   0.0
         1.3s    34.09nm          5.0mb
YKA     54.37  35 eP     43 20.10  -0.9
         0.5s     1.90nm          4.4mb
HVU     67.07  54 (P)    44 48.51   0.6
NB2     69.57 340 P      45 01.90  -1.1
         0.7s     1.60nm          4.2mb
SRU     70.11  55 (P)    45 05.94  -0.9
                  epP    45 18.48  43kmX
GEC2    79.36 332 Pc     46 00.80   1.2
```

```
      0.5s      1.16nm          4.2mb
    S.D. = 1.0  on   8 of   8 obs.
-----------------------------------
?  FEB  04, 1992  05h 44m 36.65± 5.59s
   31.345 S ±36.3km   71.649 W ±36.3km
   DEPTH =  33.0km  (normal)
 NEAR COAST OF CENTRAL CHILE      (135)
     MD 4.1 (SAN).

JACH     1.61 146 eP     45 04.50   1.3
ROCH     1.71 162 eP     45 04.30  -0.5
PEL      1.97 156 iPc    45 08.20  -0.2
                  iS     45 29.50
LCCH     2.12 178 ePd    45 10.80   0.3
RTCB     2.44  94 iPd    45 23.80   8.7X
                  S      46 00.00
PCH      2.46 157 eP     45 15.20  -0.3
                  eS     45 41.60
LNV      2.61 176 eP     45 18.00   0.6
CHCH     2.71 162 eP     45 18.00  -0.9
                  eS     45 47.50
MDZ      2.83 124 eP     45 31.20  10.7X
CACH     2.90 163 eP     45 21.50  -0.2
                  eS     45 54.00
CFA      2.93  96 ePc    45 21.80  -0.1
     S.D. = 0.8  on   9 of  11 obs.
-----------------------------------
%  FEB  04, 1992  06h 12m 51.90± 0.91s
   38.361 S ± 5.5km  175.885 E ± 5.6km
   DEPTH = 212.5 ±  9.4 km
 NORTH ISLAND, NEW ZEALAND        (159)

WLZ      0.57 336 Pc     13 20.50  -0.3
                  S      13 38.50
WHH      0.71 138 Pd     13 20.50  -1.2
MOZ      0.86 260 Pc     13 22.50   0.1
                  eS     13 42.20
RUZ      0.88 209 iPc    13 22.40  -0.1
URZ      0.97  84 Pc     13 21.60  -1.4
                  eS     13 39.40
PAHZ     1.04 119 Pc     13 23.00  -0.6
MOH      1.25 128 Pd     13 25.10   0.1
WAHZ     1.39 165 Pc     13 26.20   0.1
TTH      1.39 148 eP     13 26.30   0.3
BSZ      1.62 207 eP     13 28.70   0.7
KUZ      1.62 355 Pd     13 28.70   0.7
NOZ      1.71  99 eP     13 29.30   0.5
MAHZ     1.76 119 eP     13 29.80   0.4
TEHZ     1.78 156 Pd     13 29.90   0.4
HBZ      2.05  69 eP     13 32.60   0.4
PGZ      2.27 173 Pc     13 34.80   0.3
MNG      2.28 188 Pc     13 34.90   0.4
                  eS     14 02.70
KIW      2.61 196 P      13 38.30   0.1
MTW      2.81 186 Pc     13 40.40   0.0
CAW      2.82 193 Pc     13 40.60   0.1
DIW      2.87 211 eP     13 41.50   0.4
WDW      2.98 193 Pc     13 42.30  -0.1
MRW      3.01 197 Pc     13 42.70   0.0
BLW      3.02 186 eP     13 42.80   0.0
MOW      3.10 189 eP     13 43.60  -0.1
TCW      3.11 203 P      13 43.90   0.1
THZ      4.10 213 eP     13 55.90   0.0
KHZ      4.43 203 ePc    14 00.30   0.4
DSZ      4.61 222 eP     14 02.40   0.1
MQZ      5.87 204 eP     14 17.40  -0.9
                  eS     15 19.90
BWZ      7.64 214 eP     14 40.30  -0.8
ODZ      7.74 209 eP     14 42.70   0.1
     S.D. = 0.5  on  32 of  32 obs.
-----------------------------------
?  FEB  04, 1992  06h 43m 16.90± 6.29s
   33.892 S ±23.2km   72.185 W ±48.5km
   DEPTH =  33.0km  (normal)
 OFF COAST OF CENTRAL CHILE       (134)
     MD 4.2 (SAN).

LNV      0.65  96 iPd    43 29.00  -0.6
                  iS     43 41.70
LCCH     0.66  51 iPc    43 28.60  -1.2
                  iS     43 41.50
IHA      0.98  28 iPc    43 34.40   0.1
                  iS     43 48.30
CHCH     1.28  92 iPc    43 38.70   0.1
CACH     1.34 100 iPc    43 40.00   0.5
                  iS     44 01.50
ROCH     1.34  47 iPd    43 38.70  -1.0
                  iS     44 01.40
SAN      1.34  71 eP     43 39.60   0.1
PCH      1.42  79 iP     43 40.50  -0.2
PEL      1.46  60 iPc    43 41.40   0.2
JACH     1.80  48 iPd    43 48.60   2.4
MDZ      2.97  71 eP     44 12.20   9.4X
                  e      44 56.90
RTCB     3.73  51 iPd    44 14.50   0.9
CFA      4.03  57 eP     44 17.20  -0.7
RTLL     4.04  52 ePc    44 18.00  -0.1
RTRS     4.37  33 ePc    44 22.20  -0.5
     S.D. = 1.0  on  14 of  15 obs.
-----------------------------------
   FEB  04, 1992  06h 43m 42.19± 0.60s
    1.338 N ± 7.4km  118.153 E ± 8.2km
   DEPTH =  36.0 ±  5.8 km
   4.9mb ( 10 obs.)  4.3Msz (  2 obs.)
 BORNEO                           (261)

TSM      2.95 355 iPc    44 27.20  -0.5
      0.5s   447.80nm
KKM      5.06 338 ePc    44 58.50   0.7
      0.5s    65.90nm          5.3mb
                  e      45 13.50
                  e      46 01.00
IPM     17.40 281 ePd    47 43.80  -0.3
MTN     19.09 138 iPd    48 05.00   0.2
      0.4s    79.00nm          5.3mb
CHG     25.62 314 eP     49 09.80  -0.4
CHTO    25.62 314 eP     49 09.70  -0.5
      0.8s     4.03nm          4.1mb
WB2     26.45 144 eP     49 17.70  -0.2
      0.7s    22.20nm          4.9mb
ASPA    29.19 149 eP     49 42.70  -0.1
      0.6s     7.00nm          4.5mb
    Z  20s     0.50um          4.1Msz
                  i      52 50.70
QIS     30.25 137 iPc    49 51.00  -1.2
      0.5s     5.00nm          4.6mb
PMG     30.80 111 eP     49 56.50  -0.5
SHL     34.95 316 iPd    50 31.70  -1.6
QLP     37.46 140 iPd    50 55.00   0.8
      0.8s    64.00nm          5.5mb
BJI     38.56 358 eP     51 04.00   0.7
    Z  20s     0.60um          4.4Msz
                  e      51 31.00
                  eS     57 04.00
MAT     39.64  26 eP     51 12.00  -0.4
      1.2s    18.75nm          4.7mb
STK     39.81 148 eP     51 21.60   7.8X
      0.6s     3.80nm          4.3mb
                  ipP    52 57.20 531kmX
GUN     40.64 313 P      51 21.00  -0.1
PKI     40.79 313 P      51 22.80   0.5
KKN     41.01 313 P      51 24.60   0.6
DMN     41.03 313 P      51 23.40  -0.8
GKN     41.60 313 P      51 29.60   0.9
QUE     56.36 306 eP     53 22.80   0.1
MHI     64.29 310 eP     54 17.00   0.3
OBN     84.07 325 iPd    56 15.80   5.4X
      1.9s   140.00nm          5.8mb
YKA    105.09  23 ePKP   02 02.60   0.7
      0.9s     0.60nm
LPB    163.69 158 PKP    03 45.00   1.2
     S.D. = 0.8  on  23 of  25 obs.
-----------------------------------
&  FEB  04, 1992  06h 50m 31.65s
   61.470 N          141.294 W
   DEPTH =   0.0km
 SOUTHERN ALASKA                  (  2)
     <AEIC>. ML 3.0 (AEIC).

CTGM     0.51 182 iP     50 41.77   0.0
                  eS     50 51.67
BALM     0.67 230 iP     50 44.99   0.0
                  eS     50 56.71
TGL      1.03 227 iP     50 51.58  -0.6
YAH      1.13 191 eP     50 53.54  -0.4
                  eS     51 10.05
CROM     1.15 232 iP     50 53.35  -0.8
                  eS     51 10.72
GLB      1.21 270 eP     50 53.68  -1.5
                  eS     51 11.59
PCA      1.47 159 eP     50 58.78  -0.7
SNH      1.50 211 eP     51 01.22   1.3
CYK      1.51 203 eP     51 02.71   2.7
BCPM     1.73 151 eP     51 02.78  -0.3
                  eS     51 27.41
TMW      2.02 338 eP     51 03.59  -3.8
PNL      2.04 152 eP     51 06.28  -1.3
TZL      2.05 288 eP     51 04.67  -3.1
SGAM     2.14 245 eP     51 10.22   1.1
KAIM     2.18 226 eP     51 11.95   2.3
KLU      2.22 273 eP     51 11.00   0.7
SDG      2.27 300 eP     51 10.76  -0.2
HQN      2.35 148 eP     51 10.85  -1.3
TOA      2.40 288 eP     51 14.14   1.2
VLZ      2.45 264 eP     51 14.22   0.6
PAX      2.47 309 eP     51 13.14  -0.8
DOT      2.53 331 eP     51 14.86   0.1
VZW      2.57 263 eP     51 16.00   0.6
FID      2.62 256 eP     51 17.68   1.7
GLI      2.87 261 eP     51 19.89   0.3
DJE      3.26 324 eP     51 15.98  -9.1
SML      3.38 279 eP     51 26.21  -0.6
KNK      3.44 272 eP     51 27.46  -0.2
GHO      3.66 278 eP     51 30.67  -0.1
PLRM     3.75 275 eP     51 29.65  -2.4
HDA      3.92 321 eP     51 29.44  -5.0
PMS      3.99 270 eP     51 34.85  -0.6
RND      4.01 302 eP     51 36.20   0.4
SEW      4.23 255 eP     51 38.10  -0.6
SLKM     4.45 261 eP     51 41.97  -0.1
GLM      4.48 325 eP     51 38.94  -3.5
PRP      4.48 337 eP     51 37.68  -4.9
TRF      4.62 299 eP     51 44.71   0.2
MDM      4.70 321 eP     51 40.38  -5.2
INK      7.61  22 P      52 19.00  -7.4
      0.3s     2.10nm          4.8mb
YKA     12.55  74 eP     53 27.70  -6.5
      0.4s     0.10nm          3.4mb
      41 obs. associated
-----------------------------------
   FEB  04, 1992  07h 37m 15.14± 1.37s
   45.043 N ±12.7km    3.040 E ± 8.8km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                           (53B)
     ML 2.4 (STR), 2.3 (LDG).

LBL      0.24  38 Pg     37 20.00  -0.3
                  Sg     37 23.50
COLF     0.66  44 Pg     37 27.62  -0.7
CAF      0.70 261 Pg     37 27.80  -1.2
                  Sg     37 37.00
                  Sn     37 39.60
PLDF     1.01  24 Pg     37 34.50   0.1
                  Sg     37 47.10
RJF      1.11 284 Pg     37 36.40   0.4
                  Sg     37 50.00
MAF      1.22 344 Pg     37 37.20  -0.7
                  Sg     37 53.40
LPO      1.37 255 Pg     37 41.10   0.9
                  Sg     37 59.00
TCF      1.37 335 Pg     37 40.00  -0.3
                  Sg     37 58.00
BGF      1.52 355 Pg     37 43.00   0.6
                  Sg     38 01.80
SMF      1.70  19 Pg     37 46.20   1.2
                  Sg     38 07.50
     S.D. = 0.9  on  10 of  10 obs.
-----------------------------------
*  FEB  04, 1992  09h 03m 57.47± 0.88s
    3.227 S ±11.7km  148.935 E ±10.5km
   DEPTH =  10.0km  (geophysicist)
   4.5mb (  3 obs.)  3.8Msz (  1 obs.)
 BISMARCK SEA                     (203)

RAB      3.37 107 eP     04 50.00  -1.2
LAT      3.91 209 eP     04 59.00   0.1
                  eS     06 18.80
PMG      6.39 196 eP     05 35.00   1.0
GUMO    17.19 346 eP     08 21.00  21.6X
QIS     19.48 207 eP     08 26.00  -1.7
WB2     21.88 219 iPd    08 51.60  -0.9
RMQ     23.13 180 eP     09 05.80   0.9
      1.0s    17.00nm          4.5mb
ASPA    24.98 214 iPd    09 23.10   0.2
      1.1s    18.80nm          4.7mb
    Z  22s     0.30um          3.8Msz
                  eS     13 46.90
DZM     25.29 139 iPc    09 26.90   1.0
GUN     68.02 302 P      15 00.00   0.0
YKA     95.84  28 eP     17 25.70   0.5
      0.8s     0.80nm          4.3mb
```

04d 09h

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     S.D. = 1.1  on  10 of  11 obs.
----------------------------------------
?  FEB  04, 1992  09h 21m 10.87± 3.79s
   17.938 N ±27.2km   61.344 W ±16.1km
   DEPTH =  10.0km  (geophysicist)
 LEEWARD ISLANDS                  ( 92)
      MD 3.2 (TRN).

CPB      0.55 237 eP     21 22.09   0.2
                  eS     21 34.02
ANG      0.91 211 eP     21 29.09   0.9
                  eS     21 43.77
BPA      1.01 209 eP     21 29.00  -1.1
                  S      21 44.00
NEV      1.42 236 eP     21 36.83   0.2
                  eS     21 54.93
SKI      1.46 246 eP     21 37.05  -0.2
                  eS     21 55.28
MGH      1.47 215 eP     21 58.34  20.9X
DEG      1.64 170 eP     21 40.00   0.1
     S.D. = 0.8  on   6 of   7 obs.
----------------------------------------
%  FEB  04, 1992  10h 19m 31.67± 0.82s
   41.181 N ± 8.7km   28.533 E ± 6.8km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                           (366)

ISK      0.41 106 iPg    19 40.30   0.2
DMK      0.87 318 iPg    19 48.30   0.0
                  eSg    20 02.80
YLV      0.88 134 ePg    19 49.30   0.6
                  eSg    20 02.30
HRT      0.93 112 iPg    19 49.30  -0.2
                  eSg    20 01.80
BNT      0.95 210 iPn    19 49.80   0.1
IZI      1.10 139 ePn    19 51.80  -0.7
     S.D. = 0.5  on   6 of   6 obs.
----------------------------------------
&  FEB  04, 1992  10h 52m 35.92s
   35.076 N          118.465 W
   DEPTH =   2.2km
 CENTRAL CALIFORNIA               ( 39)
      <PAS-P>. ML 2.7 (PAS), 2.8 (GS).

ABL      0.66 250 iPc    52 48.23  -0.9
                  eS     52 56.98
TWL      0.80 188 eP     52 51.33  -0.6
                  eS     53 04.62
GFP      0.95 172 eP     52 53.59  -1.2
                  eS     53 07.34
PAS      0.96 165 eP     52 53.77  -1.1
                  eS     53 07.92
SCY      0.97 179 eP     52 54.13  -0.9
                  eS     53 09.35
PEM      1.03 151 eP     52 54.96  -1.2
                  eS     53 08.98
SSK      1.07 143 ePn    52 55.69  -1.3
                  ePg    52 58.32
                  eS     53 10.29
BLG      1.08 207 eP     52 56.56  -0.5
                  eS     53 11.81
PVPS     1.29 178 eP     53 00.60   0.1
                  eS     53 18.50
PVRC     1.32 177 eP     53 01.09   0.0
                  eS     53 19.67
BCH      1.33 275 ePn    52 59.44  -1.9
                  eS     53 17.11
VPD      1.38 155 eP     53 01.81  -0.4
SATS     1.45 161 eP     53 03.42   0.4
PEC      1.60 137 eP     53 04.37  -0.9
                  eS     53 25.94
CIW      1.61 183 eP     53 06.25   0.9
CIS      1.67 178 eP     53 05.58  -0.7
PHAM     1.75 296 eP     53 06.10  -1.4
                  eS     53 31.55
BONR     2.88   3 (Pn)   53 23.77  -0.2
                  ePg    53 29.24
                  eS     54 05.88
TNP      3.16  18 (Pn)   53 28.30   0.4
                  ePg    53 34.30
                  eS     54 19.58
       19 obs. associoted
----------------------------------------
*  FEB  04, 1992  10h 56m 05.41± 1.55s
   14.172 S ± 9.6km  167.121 E ±11.7km
   DEPTH = 225.8 ± 13.1 km
   4.6mb ( 10 obs.)
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 VANUATU ISLANDS                  (186)

DZM      7.88 185 iPc    57 57.90  -0.1
                  iS     59 31.50
HNR      8.46 303 eP     58 06.00   0.5
PMG     20.11 281 eP     00 27.00   3.5X
RMQ     21.10 232 iPc    00 35.10   1.8
        0.9s   107.00nm          5.4mb
CMS     26.03 225 iPc    01 19.80   0.0
QIS     26.99 253 iPc    01 28.00  -0.5
        0.3s     4.00nm          4.6mb
STK     29.25 229 iPc    01 56.30   7.7X
        0.7s     8.40nm          4.5mb
TOO     30.21 216 iPd    01 57.20   0.2
WB2     31.81 255 iPd    02 09.70  -1.4
        0.8s    18.60nm          4.8mb
WRA     31.82 255 P      02 10.10  -1.1
        0.7s    11.20nm          4.6mb
ASPA    32.74 248 iPc    02 17.90  -1.3
        0.4s    16.20nm          5.0mb
                  eS     07 17.30
WARB    39.67 246 iPd    03 17.80   0.6
        0.2s     3.00nm          4.5mb
MAT     57.35 332 eP     05 32.00  -0.2
        1.0s    10.00nm          4.4mb
CHTO    74.72 294 e(P)   07 24.00   1.5
        1.0s     5.00nm          4.2mb
YKA     97.12  27 eP     09 10.60  -2.0
        0.7s     0.60nm          4.0mb
KAF    124.63 339 iPKP   14 38.50  -0.4
        0.5s     3.50nm
NUR    126.30 338 ePKP   14 43.00   0.8
NB2    130.05 345 PKP    14 49.60   0.1
        0.7s     1.70nm
GEC2   139.09 333 PKP    15 08.90   2.0
        0.6s     1.33nm
CDF    142.01 338 ePKP   15 09.00  -3.2X
SFI    143.59 329 PKP    15 14.30  -0.5
PGD    143.69 329 PKP    15 14.10  -1.2
FLN    144.02 346 ePKP   15 14.50  -0.9
        0.7s     6.60nm
ORX    144.03 335 PKP    15 14.37  -1.4
BOB    144.09 333 PKP    15 15.00  -0.8
BDI    144.09 331 PKP    15 14.20  -1.6
LDF    144.10 346 iPKPc  15 15.00  -0.6
        0.7s     6.60nm
LOR    144.17 340 ePKP   15 15.10  -0.7
        0.7s     7.15nm
LBF    144.38 340 iPKPc  15 15.50  -0.7
GRR    144.46 346 iPKPc  15 15.50  -0.7
        0.7s    28.65nm
SSF    144.46 341 iPKPc  15 16.20  -0.1
        0.8s    36.95nm
LSD    144.51 335 PKP    15 16.83   0.1
LPL    144.63 336 iPKPc  15 17.30   0.4
        0.7s    20.95nm
LPG    144.64 336 iPKPc  15 17.50   0.5
        0.7s    24.25nm
PCP    144.66 333 PKP    15 16.52  -0.3
RSP    144.72 335 PKP    15 16.42  -0.5
SMF    144.72 340 iPKPc  15 16.80   0.0
        0.8s    23.50nm
AVF    144.75 341 ePKP   15 16.80   0.0
        0.8s    22.15nm
LPF    144.84 346 iPKPc  15 17.00   0.1
        0.7s    41.90nm
BHB    144.97 335 PKP    15 16.21  -1.0
SOI    145.02 318 PKP    15 18.20   0.7
BNI    145.03 336 PKP    15 18.90   1.4
FIN    145.07 333 PKP    15 17.04  -0.4
RRL    145.10 335 PKP    15 18.47   0.7
BGF    145.12 341 iPKPc  15 18.20   0.8
        0.8s    25.50nm
ROB    145.15 334 PKP    15 17.45  -0.2
PZZ    145.31 335 PKP    15 17.24  -0.7
ENR    145.40 334 PKP    15 17.24  -0.8
STV    145.43 334 PKP    15 17.24  -0.9
IMI    145.45 333 PKP    15 18.57   0.4
MAF    145.51 341 iPKPc  15 19.60   1.5
        0.8s    12.10nm
TCF    145.56 341 iPKPc  15 19.40   1.2
        0.7s     7.70nm
SSB    145.66 338 PKP    15 20.14   1.7
SBF    145.68 334 iPKPc  15 19.80   1.3
        0.7s    31.95nm
LSF    145.80 342 iPKPc  15 19.90   1.3
        0.6s    11.25nm
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MFF    145.95 344 iPKPc  15 20.50   1.7
        0.6s    18.05nm
PGF    146.00 330 iPKPc  15 20.90   1.7X
        0.9s    47.50nm
FRF    146.27 334 ePKP   15 21.50   2.1X
        0.6s    21.65nm
LRG    146.47 334 ePKP   15 21.80   2.1X
        0.7s    13.25nm
LMR    146.51 334 ePKP   15 22.20   2.4X
        0.9s    29.50nm
RJF    146.66 341 iPKPc  15 22.90   2.9X
        0.6s     9.00nm
CAF    146.82 340 iPKPc  15 23.40   3.1X
        0.8s     9.40nm
LFF    147.22 342 iPKPc  15 24.40   3.5X
        0.6s    17.15nm
LPO    147.32 341 iPKPc  15 24.70   3.7X
        0.8s    18.80nm
BCAO   147.57 256 iPKPc  15 25.30   2.9X
        0.9s    50.00nm
EPF    149.07 341 iPKPc  15 29.80   5.8X
        0.9s     6.55nm
     S.D. = 1.0  on  53 of  66 obs.
----------------------------------------
%  FEB  04, 1992  11h 33m 37.27± 0.66s
   39.156 S ± 4.1km  174.651 E ± 4.9km
   DEPTH = 250.4 ±  7.6 km
 NORTH ISLAND, NEW ZEALAND        (159)

RUZ      0.54  87 Pd     34 10.00  -0.4
                  eS     34 31.70
NRZ      0.59 252 eP     34 10.80   0.3
MOZ      0.66  10 Pd     34 10.30  -0.5
                  eS     34 32.60
BSZ      0.68 161 Pc     34 11.30   0.5
WAHZ     1.43 113 Pd     34 15.40   0.0
WHH      1.46  80 eP     34 14.60  -1.1
WLZ      1.50  30 Pc     34 16.00   0.1
                  eS     34 43.30
UTU      1.55  51 eP     34 16.30   0.0
MNG      1.59 157 iPc    34 16.70   0.1
                  eS     34 42.30
KIW      1.72 173 Pc     34 17.50  -0.1
TAZ      1.72  58 P      34 17.60   0.0
TTH      1.73 104 eP     34 18.30   0.6
DIW      1.74 199 Pd     34 17.90   0.1
TEHZ     1.87 117 Pc     34 19.20   0.3
PAHZ     1.90  82 P      34 19.20   0.0
PGZ      1.92 140 eP     34 19.40   0.1
MOH      1.94  90 Pc     34 20.00   0.4
CAW      1.98 171 Pc     34 19.80  -0.1
MRW      2.07 179 Pc     34 20.70   0.0
                  eS     34 49.90
TCW      2.08 188 Pc     34 21.00   0.3
MTW      2.11 162 Pc     34 20.70  -0.3
URZ      2.12  66 Pd     34 20.30  -0.9
WDW      2.13 173 Pc     34 21.00  -0.2
BLW      2.30 164 Pc     34 22.80  -0.1
MOW      2.31 169 Pc     34 22.80  -0.2
MAHZ     2.51  92 eP     34 25.60   0.6
KUZ      2.55  20 eP     34 26.10   0.7
CCW      2.61 187 eP     34 26.70   0.7
NOZ      2.70  80 eP     34 27.00   0.1
THZ      2.93 207 eP     34 29.40   0.0
HBZ      3.26  63 eP     34 32.70  -0.3
KHZ      3.37 194 P      34 34.40   0.2
                  S      35 14.90
DSZ      3.38 219 eP     34 34.20  -0.2
LTZ      4.05 206 eP     34 42.10   0.0
MQZ      4.79 198 eP     34 49.90  -1.0
                  eS     35 43.00
EWZ      5.21 212 eP     34 55.90  -0.1
BWZ      6.44 212 eP     35 11.50   0.0
ODZ      6.60 206 eP     35 13.90   0.5
     S.D. = 0.4  on  38 of  38 obs.
----------------------------------------
?  FEB  04, 1992  11h 35m 47.82± 6.33s
   40.021 N ±42.8km   29.384 E ±29.7km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                           (366)

IZI      0.32  12 iPg    35 54.70   0.2
                  iSg    35 59.70
YLV      0.54 359 iPg    35 58.80  -0.1
HRT      0.83  15 ePg    36 03.70  -0.2
BNT      1.17 287 ePn    36 09.70   0.0
     S.D. = 0.2  on   4 of   4 obs.
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   FEB  04, 1992  12h 21m 34.68± 0.48s
    6.671 N ± 6.3km   72.892 W ± 6.6km
   DEPTH = 173.1 ±  6.3 km
   4.1mb (  1 obs.)
 NORTHERN COLOMBIA                 ( 99)

BMG      0.44 335 iPc    22 18.00   18.0X
FUO      1.46 215 eP     22 04.00   -2.4
BOG      2.35 210 eP     22 17.00    1.0
                 eS     22 48.00
SDV      3.14  45 ePn    22 26.60    1.2
                 iSn    23 04.60
TOV      4.36  45 iP     22 48.20    7.3X
CEOS     5.09  62 iP     22 50.60    0.1
                 iS     23 48.20
MORO     6.15  47 iP     23 04.10   -0.5
OLLA     6.88  61 eP     23 14.30    0.1
                 eS     24 46.60
UPA      6.97 290 iPc    23 09.00   -6.3X
PSO      7.01 219 eP     23 18.00    1.7
CAR      7.02  57 iP     23 16.00   -0.1
LLAV     7.10  57 iP     23 17.30    0.1
GUAN     7.88  65 iP     23 27.10   -0.4
YHJ     11.69 343 iPd    24 17.31   -0.1
                 S      26 17.70
STH     11.97 342 iPd    24 20.64   -0.3
                 S      26 20.10
BBJ     12.40 340 iPd    24 27.47    0.9
                 S      26 31.55
LPB     23.54 168 P      26 30.00   -1.0
YKA     63.48 340 eP     31 46.60   -1.5
         0.6s      1.70nm          4.1mb
TIC     67.36  86 P      32 14.00    0.3
LIC     67.39  86 P      32 14.30    0.4
KIC     67.66  86 P      32 16.00    0.4
INK     73.25 340 eP     32 48.00   -0.1
QIS    145.62 243 iPKPc  40 55.00    0.3
         0.5s      9.00nm
ASPA   149.21 234 iPKPc  41 05.20    4.8X
         0.6s     17.30nm
WB2    150.45 241 ePKP   41 08.60    6.3X
         0.4s     21.90nm
WRA    150.46 241 PKP    41 04.40    2.1X
         0.8s      4.50nm
      S.D. = 1.0  on  20 of  26 obs.
-----------------------------------
?  FEB  04, 1992  12h 30m 58.11± 3.74s
   41.617 N ± 8.3km   22.302 E ±31.9km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION        (383)
      ML 2.2 (SKO).

VAY      0.36 146 iPg    31 05.40   -0.1
                 iSg    31 11.40
MMB      1.07  91 ePg    31 18.00   -0.3
VTS      1.18  34 ePg    31 20.00   -0.3
PGB      1.67  55 eP     31 28.00    0.4
RZN      1.81  87 iPd    31 30.00    0.3
KDZ      2.33  88 ePg    31 40.00    2.8X
      S.D. = 0.4  on   5 of   6 obs.
-----------------------------------
*  FEB  04, 1992  12h 47m 14.85± 2.24s
   23.458 S ±14.0km  179.954 W ±11.4km
   DEPTH = 567.2 ± 31.5 km
   4.6mb ( 14 obs.)
 SOUTH OF FIJI ISLANDS             (171)

DZM     12.63 274 iPc    50 00.30    0.2
KUZ     13.76 195 eP     50 13.00    1.8
WLZ     14.84 194 eP     50 23.50    1.7
URZ     14.97 189 eP     50 22.10   -1.0
NOZ     15.21 186 eP     50 26.50    1.1
MOZ     15.65 195 eP     50 32.30    2.5
RUZ     16.13 193 eP     50 34.10   -0.3
MTW     18.06 191 eP     50 51.10   -1.9
TCW     18.35 194 eP     50 53.70   -2.1
THZ     19.21 196 eP     51 03.50   -0.4
DSZ     19.50 199 eP     51 06.30   -0.2
KHZ     19.67 194 eP     51 06.20   -1.8
LTZ     20.33 197 eP     51 12.20   -2.0
EWZ     21.39 199 eP     51 22.00   -1.8
ARMA    26.22 249 iPc    52 08.60    1.4
         0.8s     17.00nm          4.7mb
RMO     28.49 257 iPd    52 28.00    1.1
         0.8s     33.00nm          5.0mb
                  i      52 52.10
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CNB     29.11 239 iPd    52 33.70    1.4
         1.0s     30.00nm          4.9mb
CMS     31.30 248 eP     52 51.00    0.2
TOO     32.72 236 iPd    53 04.00    1.2
         0.6s     28.00nm          5.1mb
BFD     34.91 238 iPc    53 25.00    4.0X
STK     34.93 248 iPd    53 29.70    8.5X
         0.7s      9.50nm          4.5mb
ASPA    42.15 260 iPd    54 19.80    0.0
         0.6s     32.60nm          5.0mb
WB2     42.47 266 iPc    54 21.80   -0.5
         0.6s     37.70nm          5.1mb
WRA     42.48 266 P      54 22.10   -0.3
         0.7s     19.90nm          4.8mb
WARB    48.27 255 iPd    55 06.40   -0.5
         0.2s      3.00nm          4.5mb
GUA     50.33 313 eP     55 21.50   -0.6
GUMO    50.40 313 eP     55 20.70   -1.9
SPA     66.68 180 iPc    57 12.90    1.5
         0.9s      9.55nm          4.3mb
PLM     82.46  49 eP     58 40.00    0.4
ISA     82.69  46 eP     58 41.00    0.5
TPC     83.44  49 eP     58 45.00    0.7
GLA     83.71  50 eP     58 47.00    1.4
TNP     84.90  45 iP     58 51.90    0.3
         0.8s      2.50nm          3.9mb
PNT     90.11  35 eP     59 15.00   -0.5
ANMO    90.65  52 eP     59 18.70    0.2
         1.0s      2.75nm          4.2mb
FBA     91.51  13 eP     59 20.00   -1.6
         0.8s      0.70nm          3.7mb
BW06    92.35  44 eP     59 26.00   -0.2
         1.1s      3.57nm          4.3mb
OBN    138.41 329 ePdiff02 39.00 -11.8X
                  i      02 46.00
HFS    142.12 349 ePKP   05 38.10   -5.6X
         0.4s      4.10nm
CLL    150.44 343 iPKPd  06 03.90    6.5X
         0.8s      9.00nm
CIN    152.16 307 ePKP   05 47.00 -13.4X
      S.D. = 1.3  on  35 of  41 obs.
-----------------------------------
   FEB  04, 1992  13h 04m 45.53± 0.14s
   19.729 S ± 3.2km  178.120 W ± 3.5km
   DEPTH = 600.1km  ( 18 depth phases)
   5.4mb ( 50 obs.)
 FIJI ISLANDS REGION               (181)
      CENTROID, MOMENT TENSOR      (HRV)
      Data Used: GDSN
      L.P.B.: 24S, 49C
      Centroid Location:
      Origin Time        13:04:53.7 0.4
      Lat 19.40S 0.04 Lon 177.94W 0.03
      Dep 628.5 1.9 Half-duration  2.6
      Moment Tensor;   Scale 10**17 Nm
        Mrr= 1.21 0.07  Mtt= 0.73 0.10
        Mff=-1.94 0.10  Mrt=-2.84 0.10
        Mrf=-1.96 0.10  Mtf=-1.59 0.10
       Principal Axes:
        T  Val=  3.84  Plg=49  Azm=173
        N        0.57      25       51
        P       -4.41      30      305
      Best Double Couple:Mo=4.1*10**17
       NP1:Strike=346 Dip=27 Slip=  23
       NP2:       235     80      116

TVI      3.33 326 iPc    06 08.30    1.1
KRO      3.37 315 iPc    06 07.90    0.5
SVA      3.61 296 iPc    06 09.80    1.0
                  eS     07 19.10
VUN      3.66 297 iPc    06 09.80    0.6
NDE      3.96 322 iPc    06 12.30    1.0
UDU      3.98 333 iPc    06 11.80    0.5
MBU      4.06 312 iPc    06 13.30    1.3
SGE      4.31 299 eP     06 15.40    1.6
YSA      5.08 306 ePc    06 20.30    0.8
PVC     13.01 277 iPc    07 36.20    2.1
DZM     14.61 258 iPc    07 51.10    1.2
                  iS     10 26.00
WCZ     17.46 201 eP     08 21.00    3.9X
KUZ     17.79 196 eP     08 22.70    2.5
HBZ     18.08 189 eP     08 22.60   -0.2
PUZ     18.55 189 eP     08 27.00   -0.3
WLZ     18.86 196 eP     08 32.30    2.2
URZ     18.93 192 eP     08 29.20   -1.5
                  eS     11 29.90
TAZ     19.02 193 eP     08 32.10    0.5
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NOZ     19.12 189 eP     08 32.40   -0.1
PATZ    19.22 194 eP     08 34.10    0.6
MOZ     19.69 197 eP     08 40.00    2.2
RUZ     20.14 195 eP     08 41.60   -0.3
PGZ     21.37 192 eP     08 52.20   -0.8
MNG     21.53 193 eP     08 53.40   -1.1
KIW     21.89 194 P      08 58.10    0.3
CAW     22.09 194 eP     08 58.50   -1.0
TCW     22.38 195 eP     09 01.20   -0.9
THZ     23.25 197 eP     09 09.50   -0.6
HNR     23.54 293 eP     09 10.00   -2.7
DSZ     23.56 199 eP     09 12.60   -0.2
KHZ     23.69 196 eP     09 13.10   -0.8
         0.8s    426.00nm          6.1mb
LTZ     24.37 197 eP     09 18.50   -1.4
EWZ     25.46 199 eP     09 28.90   -0.5
BWZ     26.68 199 eP     09 38.30   -1.7
TBI     26.88 103 iP     09 47.30    5.3X
         0.8s     70.00nm          5.3mb
ODZ     26.91 198 eP     09 41.40   -0.7
AFR     26.93  90 iP     09 42.40   -0.1
         0.8s    155.00nm          5.7mb
PAE     27.10  90 iP     09 43.80   -0.1
         0.8s     90.00nm          5.5mb
PPT     27.12  90 iP     09 44.30    0.2
         0.8s     95.00nm          5.5mb
PPN     27.26  90 iP     09 45.20   -0.1
         0.8s     55.00nm          5.2mb
LRCZ    27.32 200 eP     09 45.00   -0.9
MMCZ    27.34 200 eP     09 45.20   -0.7
SBCZ    27.36 200 eP     09 45.20   -0.9
LSCZ    27.36 199 eP     09 45.40   -0.7
TVO     27.39  91 iP     09 46.70    0.1
         0.8s     95.00nm          5.5mb
CMCZ    27.42 200 eP     09 45.90   -0.7
TUZ     28.04 198 eP     09 52.50    0.7
PMO     29.20  86 iP     10 02.00   -0.1
         0.8s     65.00nm          5.3mb
VAH     29.40  86 iP     10 03.40   -0.4
         0.8s     70.00nm          5.3mb
TPT     29.47  86 iP     10 04.40    0.0
         0.8s     85.00nm          5.4mb
RUV     29.64  86 iP     10 05.70   -0.2
         0.8s     90.00nm          5.5mb
CNB     32.57 235 iPd    10 32.10    1.6
         0.9s     72.00nm          5.3mb
                  e      12 11.00
RAB     32.82 294 eP     10 31.00   -1.7
CMS     34.41 243 iPc    10 47.00    1.2
         0.8s    133.00nm          5.6mb
                  i      15 56.00
PMG     35.07 282 iPd    10 51.30   -0.1
QLP     35.19 252 iPd    10 53.00    0.8
         0.6s    274.00nm          6.1mb
TOO     36.27 233 iPc    11 03.00    2.0
         0.3s    177.00nm          6.2mb
                  i      12 56.80
LAT     36.27 286 eP     11 01.90    0.7
MDG     37.96 287 eP     11 15.50    0.5
STK     38.03 243 iPd    11 24.40    8.9X
         0.7s     37.50nm          5.0mb
                  eS     16 34.40
BFD     38.38 235 iPc    11 23.00    4.7X
         0.9s    114.00nm          5.4mb
                  i      16 13.00
QIS     39.62 261 iPd    11 28.00   -0.5
         0.6s     18.00nm          4.8mb
                  e      16 14.00
RKT     40.20 103 iP     11 32.40   -0.7
         1.0s    130.00nm          5.4mb
ADE     40.91 239 iPc    11 39.50    0.8
         0.6s    146.67nm          5.7mb
WB2     44.59 261 iPc    12 06.80   -0.7
         0.5s    145.20nm          5.8mb
                  eScP   16 36.10
                  eS     17 53.70
ASPA    44.59 256 iPd    12 07.30   -0.3
         0.8s    186.70nm          5.7mb
                  e      16 36.40
                  iS     17 59.20
                  iScS   20 59.80
WRA     44.60 261 P      12 06.80   -0.8
         0.8s     51.80nm          5.1mb
MTN     49.05 270 eP     12 40.00   -1.3
         0.4s    313.00nm          6.2mb
GUA     49.16 309 eP     12 40.80   -1.3
         0.5s    647.89nm          6.4mb X
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04d 13h

GUMO	49.23	309	eP	12 41.20	-1.3
	0.7s	677.30nm			6.3mb
			e	14 29.70	594km
PJG	49.23	309	eP	12 41.30	-1.2
KNA	50.58	266	iPd	12 51.80	-0.8
	0.4s	70.00nm			5.5mb
WARB	50.96	252	iPd	12 54.50	-0.7
			e	19 27.00	
COOL	55.44	246	eP	13 25.70	-1.2
KLB	58.28	245	iPc	13 45.90	-0.3
	0.5s	55.00nm			5.0mb
RKG	58.69	241	eP	13 49.20	0.3
BAL	59.27	246	iPc	13 52.40	-0.4
	0.4s	37.00nm			5.0mb
MUN	59.56	244	eP	13 54.70	0.0
	0.6s	66.00nm			5.0mb
MRWA	60.04	247	eP	13 57.00	-0.9
KAKJ	68.19	325	iPd	14 47.40	-1.4
CHJJ	68.73	324	P	14 50.90	-1.2
IIDJ	68.93	323	P	14 52.00	-1.4
KKM	69.46	285	ePd	14 57.00	0.0
	0.7s	127.70nm			5.6mb
NIIJ	69.59	325	P	14 57.60	0.4
MTMJ	69.78	323	iPd	14 57.30	-1.1
TSRJ	70.09	321	P	14 59.30	-0.8
SPA	70.39	180	iPc	15 03.50	1.8
	0.8s	121.25nm			5.5mb
KUSJ	71.25	332	eP	15 05.60	-1.1
MRRJ	72.40	329	eP	15 12.60	-0.7
ASAJ	72.98	332	eP	15 17.10	0.5
TPI	74.23	273	iPd	15 24.30	0.0
			e	17 00.00	434kmX
KLI	76.17	270	ePc	15 34.00	-1.0
SSE	77.11	310	P-	15 38.00	-1.6
	1.0s	11.00nm			4.2mb X
Z	24s	0.60um			4.8MszX
			i	18 32.00	
			S	24 42.00	
ABL	77.92	46	P	15 44.30	0.1
HKC	78.21	299	iP	15 46.20	0.5
MWC	78.36	47	eP	15 46.00	-0.5
PLM	78.72	48	eP	15 49.00	0.6
			pP	17 56.00	605km
SBB	78.78	47	eP	15 49.00	0.5
ISA	78.88	46	eP	15 49.00	0.0
CMB	78.98	43	P	15 50.30	0.8
	0.9s	9.73nm			4.2mb X
ORV	79.17	41	P	15 50.50	0.1
TPC	79.70	48	eP	15 54.00	0.7
KGM	79.92	276	ePc	15 55.50	0.7
	0.7s	88.00nm			5.3mb
LBFM	80.01	39	P	15 55.90	0.9
KDC	80.08	14	P	15 54.20	-0.4
	1.2s	103.46nm			5.1mb
			pP	17 58.20	584kmX
BONR	80.28	44	P	15 57.50	0.9
			pP	18 04.30	600km
KVN	81.03	43	P	16 00.10	-0.1
TNP	81.06	44	P	16 00.30	-0.1
	0.7s	11.38nm			4.5mb
PDB	81.61	12	P	16 00.70	-1.7
			pP	18 08 80	605km
AIA	81.72	157	eP	15 51.00	-12.0X
RSO	82.51	12	P	16 05.40	-1.8
			pP	18 14.20	607km
SVW	82.57	11	eP	16 06.80	-0.5
			pP	18 13.60	595km
SHW	82.78	35	P	16 08.30	-0.5
IPM	82.96	277	ePd	16 10.90	0.7
	0.7s	228.20nm			5.8mb
SLKM	83.09	13	P	16 08.50	-1.4
			pP	18 15.60	595km
GMW	83.33	34	P	16 12.00	0.7
PGC	83.68	33	eP	16 14.00	1.1
PMS	83.89	13	eP	16 13.10	-0.8
			pP	18 20.20	594km
TTA	84.21	10	eP	16 15.90	0.5
			pP	18 24.50	602km
SNG	84.24	280	eP	16 18.20	1.7
	0.9s	92.44nm			5.4mb
PMR	84.30	13	eP	16 15.40	-0.3
	0.4s	20.60nm			5.1mb
BJI	85.27	315	eP	16 21.00	0.1
	2.0s	316.00nm			5.6mb
			pP	18 32.00	615kmX
			sP	19 30.00	
			eSKS	25 48.00	

			eS	26 06.00	
			esS	30 00.00	
TOA	85.42	14	eP	16 21.50	0.2
SRU	86.07	46	P	16 25.60	0.5
			pP	18 35.30	605km
PNT	86.08	34	eP	16 25.00	0.4
	0.9s	29.00nm			5.0mb
			pP	18 32.00	589kmX
HPI	86.71	41	P	16 29.10	1.0
PV09	86.73	47	P	16 29.20	0.8
			pP	18 37.50	596km
PTI	86.73	42	P	16 29.10	1.0
LOE	86.90	290	eP	16 30.00	0.9
ALQ	87.01	51	P	16 30.10	0.5
	0.9s	3.78nm			4.1mb X
			pP	18 39.70	603km
IMA	87.51	10	eP	16 30.80	-0.4
	1.3s	44.50nm			5.1mb
			pP	18 41.20	606km
FBA	87.52	12	eP	16 30.10	-1.0
	0.8s	77.30nm			5.5mb
			pP	18 40.40	605km
NST	87.70	287	eP	16 39.00	6.1X
LRM	88.19	40	eP	16 35.10	0.2
			e	18 43.60	594km
BW06	88.49	43	P	16 36.30	0.0
	0.8s	7.74nm			4.6mb
			pP	18 45.60	598km
KMI	88.90	297	Pd-	16 40.00	1.4
	1.5s	210.00nm			5.8mb
			pP	18 23.50	455kmX
			PP	18 55.00	
BDT	89.27	289	eP	16 40.90	0.8
	0.8s	62.30nm			5.6mb
NVL	89.48	183	(P)c	16 40.50	0.3
	1.0s	100.00nm			5.7mb
			e	17 13.00	125kmX
			e	18 50.00	
CHG	89.88	290	ePd	16 44.00	1.1
	0.9s	44.12nm			5.4mb
CHTO	89.88	290	iPd	16 43.80	0.9
	0.7s	38.75nm			5.4mb
			pP	18 53.50	598km
SES	91.32	36	eP	16 49.00	0.1
YAK	91.34	338	iPd	16 46.90	-1.8
	1.3s	102.00nm			5.7mb
			ePcP	16 54.00	
			ePP	19 45.00	
			ePPP	20 30.00	
			eS	26 19.00	
			eSKS	26 40.00	
			eScS	26 53.00	
RSSD	92.68	44	P	16 55.60	0.0
	0.8s	3.61nm			4.5mb
			pP	19 06.30	602km
INK	93.56	15	eP	16 57.00	-1.8
YKA	95.86	25	eP	17 08.50	-0.8
	0.8s	2.60nm			4.5mb
FRS	125.87	205	iPKPd	22 38.40	-3.6X
	0.7s	13.70nm			
BLF	126.08	206	ePKP	22 42.00	-0.6
KAF	134.38	344	ePKP	22 56.80	-0.3
	0.5s	8.20nm			
NUR	136.17	344	ePKP	23 01.00	0.4
NB2	138.21	353	PKP	22 56.60	-7.8X
	0.6s	3.00nm			
EKA	144.25	5	PKPd	23 13.40	-1.7
	0.8s	23.60nm			
KAS	145.38	316	ePKP	23 19.00	1.4
CLI	146.11	328	ePKP	23 21.00	2.5X
			e	31 32.50	
KRA	146.50	339	ePKP	23 20.40	1.5
	1.6s	104.00nm			
			e	23 22.00	
			e	23 24.70	
CFR	146.58	325	ePKP	23 21.00	1.8
WIT	146.77	355	ePKP	23 22.00	2.8X
VRI	146.86	328	ePKPd	23 21.50	1.8
KSP	146.92	343	iPKPd	23 22.40	2.8X
	0.9s	49.00nm			
			id	25 40.60	
			e	26 04.40	
SPC	147.12	338	ePKP	23 21.40	1.2
			e	25 43.20	
CLL	147.29	347	iPKP	23 23.20	3.0X
	1.5s	105.00nm			
			pPKP	25 40.90	

			iSKP	26 05.70	
BRG	147.49	346	ePKP	23 20.40	-0.1
			i	23 23.40	
			i	23 27.80	
			epPKP	25 41.00	
MLR	147.52	328	ePKPd	23 24.00	3.1X
			e	30 34.00	
			e	52 42.00	
CMP	148.13	328	ePKPc	23 25.00	3.2X
PRU	148.16	344	iPKPd	23 25.70	4.1X
	1.2s	28.70nm			
			e	23 31.10	
			pPKP	25 45.00	
MOX	148.20	348	iPKP	23 25.60	3.9X
	1.6s	78.00nm			
TNR	148.22	330	ePKPc	23 26.00	4.1X
PSZ	148.31	337	ePKP	23 25.90	3.9X
CSS	148.37	305	ePKP	23 26.00	3.5X
ENN	148.86	355	ePKP	23 27.00	4.4X
	1.0s	31.00nm			
			e	24 22.50	
			e	25 48.00	
SRO	148.97	338	ePKP	23 26.60	3.7X
			e(pPKP	25 48.20	
			e	27 11.00	
BUD	149.00	337	ePKP	23 27.70	4.8X
MEM	149.01	355	iPKPc	23 27.74	4.9X
			i	25 47.41	
ZST	149.04	340	iPKP	23 27.90	4.9X
			i	23 34.30	
GRF	149.19	348	iPKPd	23 28.50	5.3X
			ed	23 34.70	
KHC	149.20	345	iPKPd	23 29.20	5.9X
	1.3s	55.00nm			
			e	23 35.70	
			pPKP	25 48.70	
JMB	149.20	323	ePKP	23 29.00	5.6X
SNF	149.22	357	iPKPc	23 28.77	5.6X
			i	25 49.13	
WET	149.35	346	iPKPd	23 28.60	5.1X
GEC2	149.43	345	PKP	23 22.60	-1.1
	0.9s	1.56nm			
BZS	149.47	332	ePKP	23 25.00	1.3
DOU	149.62	357	PKPd	23 29.00	5.2X
UZD	149.91	337	e(PKP)	23 30.00	5.7X
WLF	149.94	354	iPKPc	23 39.64	15.4X
			e	25 50.00	
DIM	150.06	323	ePKP	23 30.00	5.3X
KDZ	150.39	323	iPKPd	23 31.00	5.7X
PG8	150.48	325	iPKPd	23 31.00	5.6X
FUR	150.63	347	iPKPc	23 41.00	15.6X
BHG	150.68	345	iPKPc	23 31.60	6.1X
RZN	150.76	323	ePKP	23 30.00	3.9X
VTS	150.96	326	iPKPd	23 32.00	5.7X
FLN	150.97	3	iPKPd	23 31.60	5.7X
	0.7s	40.80nm			
CDF	151.06	353	ePKP	23 32.40	6.2X
	0.6s	17.15nm			
KBA	151.16	344	iPKPd	23 31.80	5.3X
	0.7s	13.90nm			
			i	23 43.90	
			epPKP	25 56.00	
			iPP	27 11.80	
LDF	151.16	3	iPKPd	23 32.00	5.8X
	0.7s	23.15nm			
GRR	151.32	4	ePKP	23 32.60	6.2X
	0.6s	30.65nm			
MMB	151.38	324	iPKPd	23 33.00	6.2X
PTJ	151.43	339	ePKP	23 32.90	6.1X
KKB	151.53	325	iPKPd	23 33.00	6.1X
SOTA	151.54	347	iPKPd	23 33.20	6.3X
	0.7s	17.80nm			
			i	23 36.90	
			i	23 44.30	
HAU	151.56	354	ePKP	23 33.40	6.6X
	0.6s	18.05nm			
LPF	151.67	4	iPKPd	23 33.40	6.5X
	0.6s	53.20nm			
BSF	151.68	353	ePKP	23 33.60	6.5X
	0.6s	12.65nm			
LJU	151.76	341	e(PKP)	23 33.00	5.9X
			epPKP	25 49.00	
VOY	151.96	342	ePKP	23 27.80	0.3
			e	23 33.70	
			e	23 45.50	
VBY	152.01	340	iPKPd	23 34.50	7.0X
			epPKP	25 56.00	

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CEY    152.07 341 e(PKP)23 34.00    6.4X
                  e     23 46.50
VAY    152.19 325 ePKP  23 34.00    6.1X
                  i     23 47.80
SKO    152.31 327 ePKP  23 34.00    6.0X
                  i     23 48.60
                  e     24 14.00
LOR    152.48 357 iPKPd 23 35.70    7.6X
        0.6s    13.10nm
CTI    152.54 345 PKP   23 48.30   19.9X
SSF    152.71 358 iPKPd 23 36.10    7.7X
        0.6s     7.65nm
LBF    152.76 357 ePKP  23 36.00    7.4X
        0.7s    13.25nm
AVF    152.98 358 ePKP  23 36.10    7.3X
SMF    153.11 357 ePKP  23 36.50    7.5X
MFF    153.15   3 iPKPd 23 36.70    7.7X
        0.5s    10.20nm
BGF    153.23 359 ePKP  23 37.00    7.8X
        0.7s     8.80nm
OHR    153.27 327 ePKP  23 37.00    7.5X
                  i     23 52.10
TCF    153.51 359 iPKPd 23 37.50    7.9X
        0.8s     6.70nm
LSF    153.55   1 ePKP  23 37.40    7.8X
MAF    153.57 359 ePKP  23 38.10    8.5X
        0.9s     8.20nm
LPL    153.97 352 ePKP  23 39.50    9.0X
        0.9s     6.55nm
LPG    153.99 352 ePKP  23 39.50    8.9X
RJF    154.49   1 ePKP  23 40.40    9.5X
        0.6s     4.50nm
LFF    154.84   2 ePKP  23 41.50   10.1X
CAF    154.87 360 ePKP  23 41.40    9.9X
LPO    155.11   1 ePKP  23 41.50    9.8X
BCAO   157.76 229 iPKPc 23 37.00    1.0
        0.8s    32.00nm
                  i     24 12.50
                  i     26 30.00
LIC    164.99 153 PKP   23 43.20    0.0
KIC    165.24 153 PKP   23 43.20   -0.2
TIC    165.37 152 PKP   23 43.40   -0.1
      S.D. = 1.0  on 156 of 230 obs.
-----------------------------------
*  FEB  04, 1992  13h 29m 44.17± 2.25s
   42.384 N ±19.1km   23.935 E ±11.2km
   DEPTH =  10.0km  (geophysicist)
 BULGARIA                          (359)
      MD 3.0 (THE).

SRS      1.29 192 ePb   30 07.84   -0.3
                  eSb   30 30.88
VAY      1.47 224 iPn   30 11.00    0.3
SOH      1.62 196 ePn   30 12.32   -0.6
                  eSn   30 39.84
SKO      1.90 258 ePn   30 16.80   -0.1
OUR      2.05 179 ePn   30 18.20   -0.8
                  eSn   30 53.44
ALN      2.17 132 ePn   30 20.80    0.0
PAIG     2.46 185 ePn   30 26.56    1.6
                  iSn   31 05.24
BZS      3.64 333 ePc   30 38.50   -3.2X
VRI      4.02  29 eP    30 42.50   -4.6X
      S.D. = 1.0  on   7 of   9 obs.
-----------------------------------
?  FEB  04, 1992  14h 01m 23.83± 7.36s
   51.355 N ±54.8km   19.743 E ±42.5km
   DEPTH =  10.0km  (geophysicist)
 POLAND                            (548)
      ML 3.0 (WAR).

KRA      1.31 174 iPg   01 47.70   -0.3
                  iSg   01 58.90
SPC      2.19 171 ePn   02 01.00    0.0
                  i(Sg) 02 21.80
KSP      2.23 258 ePn   02 02.50    1.1
        0.7s    43.00nm
                  iPg   02 05.10
                  iS    02 27.70
                  i     02 29.60
PRU      3.58 250 ePn   02 19.00   -1.5
                  Pg    02 25.30
                  eSg   03 00.00
ZST      3.59 209 e(P)  02 21.40    0.7
                  i     02 42.60
                  e     03 02.50
SRO      3.66 195 eP    02 27.00    5.3X
BRG      3.68 265 iPg   02 34.00   12.0X
                  iSg   03 13.00
KHC      4.54 243 ePn   02 38.00    3.8X
                  ePg   02 44.50
                  eSg   03 23.50
      S.D. = 1.4  on   5 of   8 obs.
-----------------------------------
   FEB  04, 1992  15h 46m 51.61± 0.57s
   33.761 S ± 5.6km   71.089 W ± 5.2km
   DEPTH =  33.0km  (normal)
 NEAR COAST OF CENTRAL CHILE       (135)
      MD 4.1 (SAN).

LNV      0.33 234 iPd   47 00.10    0.4
CHCH     0.40 115 iPd   47 01.00    0.2
SAN      0.47  49 ePc   47 02.10    0.3
                  iS    47 11.70
LCCH     0.49 305 iPd   47 01.80   -0.3
                  iS    47 11.00
PCH      0.50  74 iPd   47 02.20   -0.1
                  iS    47 12.00
CACH     0.54 131 iPd   47 02.50   -0.4
PEL      0.70  29 iPd   47 05.10    0.0
                  iS    47 17.00
ROCH     0.79   5 eP    47 06.50    0.0
                  iS    47 18.00
IHA      0.87 328 eP    47 07.40    0.0
                  eS    47 19.30
JACH     1.15  21 iPd   47 10.80   -0.8
                  iS    47 27.00
RTBS     2.51  34 eP    47 32.50    1.6
                  S     47 52.50
RTCB     2.98  41 iPc   47 37.00   -0.7
      S.D. = 0.7  on  12 of  12 obs.
-----------------------------------
*  FEB  04, 1992  16h 13m 54.60± 0.76s
   72.156 N ± 9.6km    0.334 W ± 9.6km
   DEPTH =  10.0km  (geophysicist)
   3.5mb (  1 obs.)
 JAN MAYEN ISLAND REGION           (639)
      MD 3.3 (BER).

LOF      6.21 124 eP    15 28.95    0.6
                  eS    16 34.09
DAG      6.75 322 ePc   15 36.00    0.1
                  epP   16 43.00
TRO      6.79 103 eP    15 36.62    0.0
                  eS    16 46.18
MOR7     7.94 130 eP    15 52.86    0.1
                  eS    17 15.42
KTK1     8.42 100 eP    15 59.53    0.1
ARA0     8.85  95 Pn    16 04.86   -0.4
                  Sn    17 39.77
NSS      8.88 143 eP    16 05.45   -0.3
                  eS    17 37.32
NB2     12.03 152 P     16 48.60   -0.3
        0.8s     2.90nm          4.6mb X
KAF     14.27 121 iP    17 18.00   -0.4
        0.6s     4.40nm          4.3mb X
NUR     15.22 127 eP    17 31.40    0.6
GEC2    24.25 157 Pc    19 16.40    4.1X
        0.7s     1.06nm          3.5mb
      S.D. = 0.4  on  10 of  11 obs.
-----------------------------------
?  FEB  04, 1992  16h 23m 53.60± 7.12s
    5.709 S ±47.0km  147.676 E ±67.3km
   DEPTH = 129.9 ± 14.5 km
   3.9mb (  2 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

LAT      1.15 216 iP    24 18.70    0.4
YYYY     1.78 253 eP    24 25.30   -0.2
                  eS    24 47.20
MDG      1.94 283 iPc   24 27.20   -0.1
PMG      3.71 188 eP    24 50.00   -0.3
                  eS    25 31.00
WB2     19.19 221 eP    28 10.00    0.2
        0.5s     2.90nm          3.9mb
ASPA    22.24 215 iPd   28 44.30    3.7X
        0.9s     4.30nm          3.8mb
      S.D. = 0.6  on   5 of   6 obs.
-----------------------------------
?  FEB  04, 1992  17h 08m 06.90± 5.41s
   34.188 S ±36.9km   71.608 W ±31.5km
   DEPTH =  33.0km  (normal)
 NEAR COAST OF CENTRAL CHILE       (135)
      MD 4.2 (SAN).

LNV      0.28  35 iPd   08 13.70   -0.7
                  iS    08 27.50
LCCH     0.71   3 iPd   08 18.70   -1.8
                  iS    08 36.00
CHCH     0.83  72 iPd   08 22.40    0.1
                  iS    08 42.00
CACH     0.84  85 iPd   08 22.30   -0.1
                  iS    08 43.10
PCH      1.07  58 iPd   08 26.60    0.9
                  iS    08 51.10
SAN      1.08  47 ePc   08 24.00   -1.7
                  eS    08 50.00
IHA      1.16 359 eP    08 28.50    1.7
                  iS    08 54.00
PEL      1.30  37 iPd   08 29.50    0.6
                  iS    08 56.50
ROCH     1.31  22 eP    08 29.50    0.2
MDZ      2.65  61 eP    08 53.90    5.7X
RTCB     3.58  42 i(P)c 09 02.20    0.6
CFA      3.83  49 iPd   08 49.00  -16.0X
      S.D. = 1.3  on  10 of  12 obs.
-----------------------------------
   FEB  04, 1992  17h 21m 43.22± 0.44s
    2.999 S ± 7.3km  139.555 E ± 7.7km
   DEPTH =  33.0km  (normal)
   5.0mb ( 14 obs.)
 NEAR NORTH COAST OF IRIAN JAYA    (197)

MNDI     5.15 128 eP    23 04.00    3.7X
MDG      6.60 110 eP    23 21.70    1.2
                  eS    25 09.00
LAT      8.26 116 eP    23 44.00    0.3
PMG      9.88 130 eP    24 05.00   -1.1
MTN     12.85 220 eP    24 45.00   -1.4
        0.4s   121.00nm          6.3mb X
                  eS    27 06.00
KNA     16.53 219 iPc   25 36.50    2.2
                  eS    28 36.50
QIS     17.45 180 iPc   25 44.90   -1.0
        0.4s    38.00nm          4.9mb
                  iS    28 54.50
WB2     17.59 196 eP    25 43.80   -3.8X
        0.4s    30.40nm          4.8mb
                  iS    28 55.70
PCI     19.82 276 ePd   26 19.30    5.2X
                  e     29 49.50
HNR     21.25 108 eP    26 28.00   -0.9
ASPA    21.26 194 iPc   26 27.70   -1.4
        0.6s    29.10nm          4.9mb
                  e     26 34.60
                  eS    30 20.80
QLP     23.88 170 eP    26 57.00    2.2
                  e     31 15.00
RMO     24.97 160 eP    27 06.80    1.5
        0.9s    37.00nm          5.0mb
WARB    26.17 207 eP    27 18.00    1.4
STK     28.79 176 eP    27 49.30    9.0X
        0.5s     2.10nm          4.1mb
CMS     28.95 169 e(P)  27 43.00    1.3
ARMA    29.57 159 eP    27 47.00   -0.5
        0.9s    21.00nm          4.9mb
ADE     31.82 181 e(P)  28 07.00   -0.2
COOL    32.74 210 eP    28 14.00   -1.2
BFD     34.12 176 eP    28 32.00    4.9X
MRWA    34.37 218 eP    28 28.00   -1.4
BAL     34.94 216 eP    28 34.00   -0.2
SSE     38.16 334 Pc    29 02.50    1.2
        1.0s    11.00nm          4.7mb
                  i     29 09.20
LOE     42.46 300 eP    29 37.80    0.6
CHG     45.46 300 eP    30 02.00    0.7
CHTO    45.46 300 eP    30 02.00    0.7
        0.9s     3.84nm          4.3mb
GUN     60.05 305 P     31 50.80    0.7
        0.6s    21.00nm          5.4mb
PKI     60.31 304 P     31 51.80    0.0
KKN     60.49 304 P     31 53.40    0.4
        0.7s    35.00nm          5.6mb
DMN     60.57 304 P     31 54.00    0.5
        0.7s    33.00nm          5.6mb
GKN     61.10 304 P     31 57.60    0.6
        0.6s    21.00nm          5.4mb
YAK     65.27 355 iPc   32 23.00   -0.7
        0.8s    37.00nm          5.5mb
QUE     76.56 302 eP    33 33.80    1.1
MHI     83.76 307 eP    34 08.00   -2.9
SPA     87.02 180 iPc   34 27.90    1.4
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04d 17h

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        0.8s      7.92nm           5.0mb
YKA     99.94  27 eP     35 22.60  -3.3X
        0.5s      0.10nm           3.6mb X
KIC    144.27 277 PKP    41 16.60  -2.0
TIC    144.52 277 PKP    41 17.44  -1.6
LIC    144.56 276 PKP    41 17.54  -1.6
LPB    146.49 126 PKP    41 27.00   4.2X
      S.D. = 1.3  on  33 of  40 obs.
-----------------------------------------
*  FEB  04, 1992  18h 02m 58.74± 2.45s
   32.291 S ±13.0km   71.615 W ±18.6km
   DEPTH =  10.0km  (geophysicist)
 NEAR COAST OF CENTRAL CHILE      (135)
      MD 4.0 (SAN).

ROCH     0.85 143 iPd    03 15.40   0.1
                  eS     03 28.60
JACH     0.95 115 iPd    03 16.70  -0.2
                  iS     03 31.00
PEL      1.16 138 iPd    03 20.10  -0.3
                  iS     03 36.60
LCCH     1.18 178 eP     03 20.60  -0.2
                  eS     03 36.40
PCH      1.62 145 eP     03 28.00   0.5
                  iS     03 51.00
LNV      1.67 174 eP     03 27.50  -0.6
CHCH     1.83 154 eP     03 30.50   0.0
                  eS     03 56.00
CACH     2.01 155 eP     03 34.00   0.8
                  eS     04 02.00
MDZ      2.41 105 eP     03 44.30   5.4X
                  iS     04 16.70
RTCB     2.53  72 eP     03 42.20   1.6
                  S      04 20.50
CFA      2.95  78 ePc    03 44.70  -1.8
      S.D. = 1.0  on  10 of  11 obs.
-----------------------------------------
?  FEB  04, 1992  18h 29m 39.05± 8.67s
    8.209 S ±85.4km  122.197 E ±44.3km
   DEPTH = 150.0km  (geophysicist)
   4.3mb (  3 obs.)
 FLORES REGION, INDONESIA         (286)

MTN      9.92 118 eP     31 59.00  -0.1
                  eS     33 40.00
WB2     16.57 136 eP     33 24.20   0.0
        0.4s      3.40nm           4.0mb
                  eS     36 18.40
WARB    18.37 167 eP     33 45.00  -0.1
ASPA    19.03 145 iPc    33 52.20   0.1
        0.5s      8.50nm           4.3mb
                  eS     37 19.60
QIS     20.83 128 iPc    34 10.40   0.0
        0.2s      4.00nm           4.5mb
      S.D. = 0.1  on   5 of   5 obs.
-----------------------------------------
*  FEB  04, 1992  19h 00m 58.74± 1.01s
   16.391 S ±14.2km   74.558 W ±16.1km
   DEPTH =  33.0km  (normal)
   3.8mb (  1 obs.)
 NEAR COAST OF PERU               (115)

ARE      2.94  92 iPc    01 45.00   0.4
                  iS     02 21.00
PT10     4.89 331 e(P)   02 31.00  19.1X
                  e(S)   03 14.50
NNA      4.91 333 eP     02 12.50   0.3
        0.6s     80.00nm
                  i      02 20.00
                  eS     03 12.00
CCH      8.12  98 P      03 02.00   4.4X
ANT      8.25 153 eP     02 59.30   0.2
PPD     22.65 108 eP     06 05.10   6.7X
TYNO    59.39 355 P      11 09.37   9.2X
ACTO    59.92 355 P      11 07.73   3.9X
KIC     72.64  78 P      12 24.60  -1.0
YKA     84.68 343 eP     13 30.10   0.0
        0.9s      0.60nm           3.8mb
WRA    134.06 219 PKP    20 18.20   2.9X
        0.6s      0.80nm
      S.D. = 0.8  on   5 of  11 obs.
-----------------------------------------
?  FEB  04, 1992  19h 13m 35.77± 0.87s
   22.755 S ±16.1km   66.371 W ±15.2km
   DEPTH = 249.6 ± 14.9 km
   3.6mb (  1 obs.)
 JUJUY PROVINCE, ARGENTINA        (128)

SLA      2.12 158 iP     14 20.50   0.7
ANT      3.84 255 iPc    14 37.50  -0.6
                  iS     15 23.20
LPB      6.40 345 P      15 10.00   0.0
ITB1    11.14 102 Pc     16 17.00   7.4X
PPD     13.95  90 eP     16 47.10   2.5X
VAO     17.88  95 ePc    17 28.80  -0.8
YKA     93.16 340 eP     26 22.80   0.7
        0.5s      0.30nm           3.6mb
      S.D. = 1.4  on   5 of   7 obs.
-----------------------------------------
*  FEB  04, 1992  20h 23m 47.94± 1.00s
   27.955 S ± 6.2km   71.259 W ±14.1km
   DEPTH =  76.6 ± 11.6 km
 NEAR COAST OF NORTHERN CHILE     (122)

RTCB     4.12 149 iPd    24 50.20   0.3
                  S      25 40.00
ZON      4.22 149 iPc    24 52.50   1.2
                  iS     25 42.50
ANT      4.30  10 eP     24 52.50   0.2
CFA      4.49 145 ePc    24 54.50  -0.5
JACH     4.75 173 eP     25 02.00   3.3X
ROCH     5.00 178 eP     25 03.00   0.6
IHA      5.06 184 iPc    25 13.10  10.1X
                  e(S)   26 06.20
PEL      5.20 175 iPd    25 04.90   0.0
                  iS     26 04.50
MDZ      5.33 158 iP     25 08.40   1.5
                  i      25 28.90
SAN      5.50 175 eP     25 12.00   2.8X
LCCH     5.51 183 eP     25 09.00  -0.2
PCH      5.68 174 eP     25 12.00   0.3
                  iS     26 17.50
CHCH     5.98 175 eP     25 15.50  -0.3
LNV      5.98 181 eP     25 14.50  -1.3
                  eS     26 26.50
SLA      6.09  59 eP     25 17.00  -0.4
CACH     6.17 175 eP     25 18.60   0.1
                  iS     26 35.00
RFA      7.20 161 iP     25 31.20  -1.5
ARE     11.44 359 eP     26 47.00  16.3X
LPB     11.74  15 P      26 42.00   7.3X
VAO     22.46  83 eP     28 40.50  -1.2
LIC     72.29  73 P      35 08.00   0.6
KIC     72.60  73 P      35 10.00   0.7
HYB    150.31 104 ePKP   43 36.00   9.0X
      S.D. = 0.9  on  17 of  23 obs.
-----------------------------------------
*  FEB  04, 1992  20h 45m 50.80± 1.50s
   35.779 N ±20.8km   30.596 E ±19.5km
   DEPTH =  33.0km  (normal)
 EASTERN MEDITERRANEAN SEA        (371)
      ML 3.0 (CSS).

ELL      1.12 330 iPn    46 12.00   1.7
BCK      1.68 360 iPn    46 17.70  -0.6
PPCY     1.69 121 eP     46 19.70   1.4
                  eS     46 45.40
YER      2.30 307 ePn    46 26.00  -1.3
CSS      2.38 109 eP     46 27.00  -1.3
                  eS     46 51.30
KHL      2.68 342 ePn    46 32.80   0.2
      S.D. = 1.7  on   6 of   6 obs.
-----------------------------------------
*  FEB  04, 1992  21h 12m 15.31± 0.69s
   16.796 S ±16.2km  175.756 E ± 9.8km
   DEPTH =  33.0km  (normal)
   4.6mb (  4 obs.)  4.0Msz (  1 obs.)
 FIJI ISLANDS REGION              (181)

SVA      2.89 117 iPc    13 00.00  -0.1
DZM     10.23 238 iPc    14 43.00  -0.1
ASPA    39.75 253 iPd    19 46.60  -0.3
        0.8s      7.60nm           4.5mb
      Z  19s      0.20um           4.0Msz
SPA     73.31 180 iPd    23 46.00   0.6
        1.0s     10.00nm           4.8mb
LOE     80.43 291 eP     24 25.20  -0.5
CHTO    83.40 292 eP     24 41.30   0.2
        1.3s      5.31nm           4.5mb
LZH     85.84 309 eP     24 54.50   1.2
        1.4s     17.00nm           5.1mb
                  sP     25 04.00
GEC2   144.84 339 PKP    31 47.90  -2.8X
        0.8s      0.95nm
GRF    144.88 342 ePKP   31 49.60  -1.0

      S.D. = 0.8  on   8 of   9 obs.
-----------------------------------------
   FEB  04, 1992  21h 44m 59.95± 0.62s
   29.787 N ± 6.3km  142.168 E ± 9.9km
   DEPTH =  33.0km  (normal)
   4.3mb (  4 obs.)
 SOUTH OF HONSHU, JAPAN           (211)

KAKJ     6.62 346 P      46 37.50   0.1
                  eS     47 49.50
IIDJ     6.72 329 P      46 42.30   3.4X
                  S      47 59.70
CHJJ     6.79 338 P      46 39.60  -0.2
                  S      47 54.40
MTMJ     7.70 333 eP     46 53.50   0.8
NIIJ     7.89 341 eP     46 55.10  -0.1
OFUJ     9.28 358 eP     47 10.50  -4.0X
                  eS     48 49.00
BJI     23.57 303 eP     50 07.50  -0.7
CHTO    40.67 264 eP     52 38.70  -0.3
        1.0s      4.25nm           4.1mb
GUN     48.92 282 P      53 46.00   0.6
PKI     49.42 282 P      53 49.00  -0.2
KKN     49.46 282 P      53 49.20  -0.2
DMN     49.66 282 P      53 51.00   0.0
GKN     49.95 283 P      53 53.00   0.0
ASPA    53.74 189 eP     54 21.60   0.4
        0.8s      3.60nm           4.4mb
INK     60.60  25 eP     55 09.50   0.2
YKA     69.79  29 eP     56 07.90  -0.8
        0.9s      0.90nm           3.8mb
NB2     81.12 338 P      57 13.60   0.5
        0.9s      4.60nm           4.5mb
      S.D. = 0.5  on  15 of  17 obs.
-----------------------------------------
?  FEB  04, 1992  21h 50m 30.39± 3.18s
   45.418 N ±58.8km  151.969 E ±40.3km
   DEPTH =  33.0km  (normal)
   4.1mb (  2 obs.)
 KURIL ISLANDS                    (221)

KUSJ     5.71 249 eP     51 51.50  -3.5X
                  eS     52 53.90
ASAJ     6.77 262 eP     52 10.80   0.9
HOOJ     6.97 247 eP     52 11.80  -0.9
                  eS     53 28.40
BJI     26.69 271 eP     56 09.00   0.9
      Z  16s      0.35um           4.0MszX
INK     43.20  32 eP     58 30.50   1.2
NB2     69.23 341 P      01 34.30  -1.2
        0.9s      4.00nm           4.5mb
GEC2    79.30 333 eP     02 33.10  -0.8
        0.9s      0.80nm           3.7mb
      S.D. = 1.4  on   6 of   7 obs.
-----------------------------------------
   FEB  04, 1992  21h 51m 36.84± 0.61s
   11.085 N ± 8.2km   92.921 E ± 7.2km
   DEPTH =  33.0km  (normal)
   4.7mb ( 11 obs.)
 ANDAMAN ISLANDS, INDIA           (703)

KHT      6.64  56 eP     53 15.70   1.0
SNG      8.53 116 eP     53 46.20   5.1X
CHG      9.64  36 eP     53 56.00  -0.4
CHTO     9.64  36 iP     53 56.00  -0.4
IPM     10.30 128 ePd    54 10.90   5.3X
        0.5s     21.00nm           5.6mb X
LOE     10.60  53 eP     54 09.80   0.2
SHL     14.44 356 eP     54 53.50  -7.5X
                  eS     57 26.00
HYB     15.28 296 eP     55 14.50   2.6X
                  eS     57 48.40
PKI     17.86 338 P      55 44.60  -0.2
GUN     18.00 339 P      55 46.40  -0.2
        0.7s     39.00nm           4.6mb
DMN     18.00 337 P      55 46.20  -0.4
        0.8s     49.00nm           4.7mb
KKN     18.10 338 P      55 47.80   0.1
        0.8s     31.00nm           4.5mb
GKN     18.54 336 P      55 52.60  -0.4
        0.6s     29.00nm           4.6mb
NDI     22.86 322 iPc    56 40.00   1.5
        0.9s     33.61nm           4.8mb
                  eS     00 40.00
QUE     30.72 312 eP     57 53.30   1.8
WRA     51.12 127 P      00 38.20  -0.7
        0.3s      5.60nm           5.0mb
```

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WB2     51.13 127 eP     00 37.90  -1.0
        0.4s     13.70nm          5.3mb
ASPA    52.90 131 iPd    00 53.90   1.6
        0.4s      7.80nm          5.0mb
GEC2    74.65 318 Pc     03 13.60  -1.3
        0.6s      1.45nm          4.1mb
GRF     76.27 319 eP     03 23.00  -1.1
LPG     79.52 314 iPc    03 42.30  -0.1
        0.8s      5.35nm          4.6mb
LPL     79.53 314 iPc    03 42.20  -0.1
        0.7s      7.15nm          4.8mb
      S.D. = 1.0  on  18 of  22 obs.
-----------------------------------------
?  FEB  05, 1992  00h 02m 03.29± 3.08s
   16.538 N ±20.0km   94.481 W ±27.8km
   DEPTH =  84.5 ± 20.2 km
   3.2mb (  1 obs.)
 OAXACA, MEXICO                      ( 60)

PBJ      0.89 264 iP     02 22.00   0.4
                 iS     02 34.00
OXX      2.21 284 iPd    02 39.51   0.5
                 iS     03 02.12
TPX      2.68 127 iP     02 52.99   7.8X
IISM     3.68 312 iP     02 58.53  -0.5
                 iS     03 37.00
LVVM     3.69 330 iPd    02 57.77  -1.4
                 iS     03 35.01
IIT      4.40 305 eP     03 11.00   1.6
                 iS     03 58.00
PPM      4.68 303 iP     03 15.00   1.5
                 iS     04 05.00
IIA      4.75 304 eP     03 13.68  -0.3
III      5.10 292 iP     03 18.50  -0.5
ACX      5.16 274 iP     03 18.07  -1.7
TUL     19.33 357 eP     06 36.10  11.5X
        0.5s      5.00nm
LNO     19.33 357 eP     06 35.90  11.4X
YKA     48.03 348 eP     10 35.40  -0.2
        0.6s      0.20nm          3.2mb
INK     57.34 344 eP     11 45.00   0.5
      S.D. = 1.2  on  11 of  14 obs.
-----------------------------------------
   FEB  05, 1992  01h 00m 23.07± 0.86s
   72.043 N ± 9.0km  151.208 W ± 7.7km
   DEPTH =  10.0km  (geophysicist)
   2.7mb (  1 obs.)
 BEAUFORT SEA                        (675)

BRW      1.90 250 iPc    00 55.80   0.0
IMA      6.07 190 iPc    01 55.50   0.5
INK      7.07 113 P      02 09.50   0.6
        0.2s      6.00nm          5.4mb X
FBA      7.28 168 eP     02 12.10   0.1
TTA      9.33 194 ePc    02 40.50  -0.1
MBC      9.56  49 ePc    02 43.70   0.1
        0.6s      6.00nm          5.2mb X
SVW     11.12 191 eP     03 04.60  -0.4
YKA     16.74 106 eP     04 18.00  -0.8
        0.3s      0.20nm          2.7mb
      S.D. = 0.5  on   8 of   8 obs.
-----------------------------------------
%  FEB  05, 1992  01h 10m 07.34± 2.29s
   38.039 S ±14.8km  176.029 E ± 9.3km
   DEPTH = 236.0 ± 19.2 km
 NORTH ISLAND, NEW ZEALAND           (159)

URZ      0.88 105 Pc     10 39.30  -1.1
                 S      10 59.40
WHH      0.92 157 Pd     10 40.10  -0.7
MOZ      1.07 244 P      10 42.00   0.4
PAHZ     1.15 136 eP     10 41.80  -0.3
RUZ      1.21 206 eP     10 42.80   0.3
MOH      1.40 142 eP     10 44.10   0.3
WAHZ     1.68 171 P      10 46.50   0.4
NOZ      1.68 111 eP     10 46.00  -0.1
MAHZ     1.85 129 eP     10 48.50   0.9
HBZ      1.85  77 P      10 47.80   0.2
BSZ      1.95 206 eP     10 48.90   0.4
TEHZ     2.04 163 P      10 49.80   0.4
MNG      2.61 189 Pc     10 55.20   0.1
                 S      11 27.20
KIW      2.95 197 eP     10 58.60  -0.2
MTW      3.14 187 P      11 00.60  -0.3
CAW      3.15 193 eP     11 01.00  -0.1
MRW      3.35 197 eP     11 02.70  -0.6
                 S      11 42.80
MOW      3.43 190 eP     11 03.90  -0.4
TCW      3.45 203 eP     11 04.50   0.1
KHZ      4.77 203 eP     11 20.50   0.2
                 eS     12 13.20
      S.D. = 0.5  on  20 of  20 obs.
-----------------------------------------
•  FEB  05, 1992  02h 07m 40.28± 0.63s
   34.224 N ± 9.5km   78.729 E ± 9.8km
   DEPTH =  33.0km  (normal)
   4.3mb (  7 obs.)
 KASHMIR-XIJANG BORDER REGION      (304)

NDI      5.67 194 eP     09 06.50   2.0
                 eS     10 16.50
GKN      8.01 139 P      09 37.80   0.4
KKN      8.53 137 P      09 44.00  -0.6
DMN      8.57 139 P      09 46.00   0.7
GUN      8.78 134 PKP    09 46.80  -1.5
QUE     10.76 251 eP     10 12.90  -2.4
SHL     14.29 124 eP     10 58.00  -4.5X
HYB     16.74 181 eP     11 37.00   3.1X
LZH     20.61  78 eP     12 19.00  -0.4
        1.5s     17.00nm          4.2mb
CHG     23.65 125 eP     12 50.00   0.4
CHTO    23.65 125 eP     12 50.20   0.6
        1.0s      4.50nm          3.9mb
MLR     41.37 302 eP     15 30.00   5.1X
NB2     49.96 324 P      16 35.50   2.7
        0.8s      1.40nm          4.0mb
MBC     69.20   5 eP     18 45.50   0.4
INK     74.98  12 eP     19 19.00  -0.5
WRA     75.50 127 P      19 23.10  -0.1
        0.5s      2.50nm          4.5mb
WB2     75.50 127 iPc    19 22.40  -0.9
        0.5s      7.20nm          4.9mb
ASPA    77.85 130 iPd    19 36.20  -0.1
        0.7s      4.40nm          4.6mb
YKA     83.02   6 eP     20 02.40  -0.8
        0.7s      1.70nm          4.3mb
      S.D. = 1.3  on  16 of  19 obs.
-----------------------------------------
•  FEB  05, 1992  02h 16m 41.34± 1.58s
   6.009 S ± 8.3km  146.328 E ±10.2km
   DEPTH =  26.0 ± 11.2 km
   4.1mb (  5 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

YYYY     0.43 237 iPd    16 50.20  -0.3
LAT      0.92 134 eP     16 58.80   0.3
MDG      0.93 324 eP     16 58.30  -0.3
MNDI     2.66 267 eP     17 29.00   5.4X
PMG      3.48 166 eP     17 36.50   1.5
                 eS     18 36.00
OIS     15.87 204 iPd    20 26.00   1.3
        0.4s      3.00nm          3.8mb
WB2     18.09 219 iPc    20 52.60  -0.1
        0.5s     10.50nm          4.2mb
RMO     20.50 174 eP     21 19.00  -1.2
ASPA    21.24 213 eP     21 25.80  -2.1
        0.4s      4.10nm          4.2mb
                 i      21 31.50
DZM     25.16 131 iPc    22 05.80  -0.5
PCI     26.92 280 iPd    22 44.80  22.2X
                 e      24 30.60
CHTO    52.80 299 eP     25 58.10   1.0
        1.0s      2.50nm          4.1mb
GUN     67.31 303 P      27 37.60   0.6
        0.6s     14.00nm          5.3mb X
KKN     67.77 303 P      27 39.80   0.1
DMN     67.85 303 P      27 40.60   0.3
GKN     68.38 303 P      27 43.60   0.2
YKA     99.49  28 eP     30 22.20  -0.8
        0.8s      0.40nm          4.0mb
KIC    151.24 272 PKP    36 34.80   5.9X
TIC    151.52 273 PKP    36 35.50   6.1X
LIC    151.52 272 PKP    36 35.50   6.2X
      S.D. = 1.1  on  15 of  20 obs.
-----------------------------------------
   FEB  05, 1992  02h 32m 04.68± 0.57s
   23.223 S ± 4.2km   66.613 W ± 6.2km
   DEPTH = 200.6 ±  6.4 km
   4.7mb ( 13 obs.)
 JUJUY PROVINCE, ARGENTINA           (128)

ANT      3.52 261 iPc    33 02.50   1.4
                 iS     33 42.70
CCH      5.83   4 Pc     33 32.00   1.3
ARE      8.14 325 eP     33 59.00  -2.2
                 iS     35 23.80
RTCB     8.46 193 iPd    34 04.80   0.0
                 S      35 38.20
CFA      8.48 189 ePd    34 04.70  -0.3
                 S      35 34.00
ZON      8.49 192 eP     34 05.60   0.4
PEL     10.51 199 eP     34 31.50   0.0
SAN     10.80 198 eP     34 35.00  -0.1
PCH     10.91 197 ePc    34 37.00   0.3
CHCH    11.24 197 eP     34 41.50   0.6
CACH    11.40 197 eP     34 42.70  -0.3
LNV     11.49 200 eP     34 41.50  -2.5
PPD     14.18  88 eP     35 19.80   1.8
                 e      35 22.90
                 i      35 27.90
NNA     14.82 317 iP     35 25.50  -0.5
        0.8s     25.37nm          4.7mb
                 eS     38 06.00
VAO     18.07  93 iPc    36 03.80  -0.1
                 e      36 07.00
TPP     33.71   9 eP     38 29.93   1.1
TBH     33.94  10 eP     38 31.02   0.2
TCE     34.04   9 eP     38 31.43  -0.3
TRN     34.05   9 eP     38 30.97  -0.7
SLB     37.22   9 eP     38 57.29  -1.2
JSC     58.85 346 P      41 43.00  -1.4
CEH     59.97 348 P      41 50.70  -1.2
ELC     63.84 340 P      42 15.20  -2.5
NVL     64.47 159 (P)d   42 21.50   0.1
        1.2s     28.00nm          5.0mb
LIC     66.86  72 P      42 35.60  -1.8
SPA     66.92 180 iPc    42 38.30   1.0
        0.8s     25.00nm          5.0mb
KIC     67.17  72 Pc     42 37.60  -1.8
ANMO    69.10 326 P      42 51.50   0.4
        0.8s     10.26nm          4.6mb
GLA     72.42 319 eP     43 11.00   0.1
PLM     73.87 318 eP     43 19.00  -0.4
TPC     73.89 319 eP     43 19.00  -0.3
SRU     74.38 326 P      43 22.70   0.4
PEC     74.42 318 P      43 22.60   0.2
        0.7s      5.22nm          4.4mb
RVR     74.62 318 eP     43 24.00   0.5
EMUT    75.05 326 P      43 26.60   0.4
MWC     75.19 318 eP     43 27.00   0.0
RSSD    75.27 333 P      43 27.50   0.2
        1.0s     13.56nm          4.6mb
SBB     75.36 318 eP     43 28.00   0.2
DAU     75.72 326 P      43 30.90   0.9
DUG     76.37 325 P      43 33.50   0.1
        0.9s      5.31nm          4.3mb
ISA     76.40 319 eP     43 34.00   0.4
BW06    76.67 329 P      43 35.00  -0.1
        0.7s      2.92nm          4.1mb
TNP     77.30 321 P      43 39.30   0.7
        1.0s      9.24nm          4.5mb
HVU     77.51 326 P      43 40.00   0.4
TIO     78.32  49 iP     43 45.20   0.9
KVN     78.46 322 P      43 45.60   0.6
HPI     79.08 328 P      43 49.20   0.8
ARN     79.37 318 P      43 50.00   0.3
LRM     80.33 329 eP     43 55.70   0.8
ORV     80.77 320 P      43 57.80   0.8
SES     83.15 333 ePd    44 04.10  -5.0X
TOL     85.65  43 iPd    44 23.50   1.7
        1.1s     50.63nm          5.2mb
PNT     86.23 328 eP     44 25.00   0.6
        0.6s      9.00nm          4.8mb
BUL     86.82 110 iPd    44 28.30   0.2
        0.7s     14.73nm          4.9mb
MCW     87.40 327 P      44 30.60   0.6
KRI     89.01 108 iPd    44 37.00  -1.6
                 i      44 58.90
YKA     93.52 340 eP     44 57.00  -1.1
        0.7s      3.00nm          4.5mb
ASPA   129.31 205 iPKPd  50 51.60   0.3
        1.1s      4.10nm
WB2    132.47 207 ePKP   50 44.30 -13.0X
        0.7s      1.90nm
                 i      50 57.40
NDI    147.11  73 ePKP   51 26.00   2.7X
      S.D. = 1.0  on  57 of  60 obs.
-----------------------------------------
?  FEB  05, 1992  03h 49m 41.22± 1.72s
   22.806 S ±19.7km  172.619 E ±21.3km
   DEPTH =  33.0km  (normal)
```

05d 03h

```
   4 8mb (  5 obs.)
 LOYALTY ISLANDS REGION                (189)

DZM      5.76 276 iPc    51 05.90  -0.9
                  iS     52 17.90
HNR     18.01 316 eP     53 52.00   1.3
ARMA    20.22 244 iPc    54 18.00   1.6
        0.3s      9.00nm          4.6mb
RMO     21.99 256 eP     54 36.00   1.7
        0.8s     51.00nm          5.0mb
CMS     25.31 244 eP     55 07.00   0.5
OLP     26.04 256 eP     55 13.00  -0.3
TOO     27.56 232 iPd    55 28.80   1.6
OIS     30.73 268 eP     55 54.00  -1.7
ASPA    35.52 261 iPc    56 35.90  -1.3
        0.8s     10.80nm          4.8mb
      Z  23s      1.60um          4.7MszX
WRA     35.69 267 P      56 37.30  -1.5
        0.7s      5.70nm          4.6mb
WARB    41.81 256 eP     57 28.80  -0.8
SPA     67.33 180 iPc    00 33.60  -1.4
        1.0s     17.50nm          5.1mb
CLL    147.45 336 e(PKP)09 34.00  13.5X
KHC    148.94 333 ePKP  09 29.00   6.0X
BCAO   148.99 238 ePKPc 09 25.30   1.2
        0.5s      3.00nm
                  e      17 37.00
GEC2   149.10 332 PKP   09 28.10   4.7X
        0.8s      0.93nm
GEC2   149.10 332 PKP   09 30.70   7.3X
        0.7s      0.87nm
      S.D. = 1.5  on  13 of  17 obs.
-----------------------------------
%  FEB  05, 1992  04h 13m 31.82± 0.83s
   40.505 N ± 5.6km   22.761 E ± 8.0km
   DEPTH =  10.0km  (geophysicist)
 GREECE                                (364)
      MD 1.8 (THE).

THE      0.20  51 ePg    13 36.20   0.0
                  eSg    13 39.04
LIT      0.45 207 ePg    13 41.24   0.2
                  eSg    13 48.48
SOH      0.55  55 ePg    13 43.20   0.2
                  eSg    13 51.36
KNT      0.66   9 ePg    13 44.76  -0.3
SRS      0.88  46 ePg    13 48.84   0.1
                  eSg    14 01.84
PAIG     0.91 129 ePg    13 48.84  -0.4
                  eSg    14 02.04
OUR      0.95 100 iPg    13 49.98   0.1
                  eSg    14 03.80
      S.D. = 0.3  on   7 of   7 obs.
-----------------------------------
?  FEB  05, 1992  04h 18m 56.74± 4.74s
   21.910 S ±76.3km  173.198 E ±35.2km
   DEPTH =  33.0km  (normal)
   4.6mb (  4 obs.)
 VANUATU ISLANDS REGION                (185)

DZM      6.27 267 iPc    20 28.90  -0.6
                  iS     21 40.10
HNR     17.7B 312 eP     23 13.00   9.6X
ARMA    21.11 242 iPc    23 40.70  -0.4
        0.4s      9.00nm          4.5mb
RMO     22.74 254 ePd    23 59.00   1.7
CMS     26.19 243 eP     24 30.00  -0.2
STK     29.79 244 eP     25 11.60   8.7X
        0.8s      2.60nm          4.1mb
ASPA    36.20 260 iPd    25 58.10  -0.4
        0.9s      9.90nm          4.7mb
                  i      26 29.00
WARB    42.56 255 eP     26 41.80  -9.5X
SPA     68.22 180 iPd    29 55.90  -0.2
        1.0s     19.00nm          5.1mb
GEC2   148.55 334 PKP    38 52.50  14.5X
        0.7s      0.86nm
BCAO   149.92 238 ePKPd 38 48.80   7.7X
        0.8s      7.00nm
      S.D. = 1.1  on   6 of  11 obs.
-----------------------------------
*  FEB  05, 1992  04h 47m 37.97± 1.44s
   31.736 S ±21.1km   69.931 W ±17.2km
   DEPTH = 110.0km  (geophysicist)
 SAN JUAN PROVINCE, ARGENTINA          (137)
      MD 4.5 (SAN).

RTCB     1.00  76 iPd    47 59.20  -0.3
                  S      48 27.80
ZON      1.09  80 iPd    48 01.00   0.6
                  S      48 17.00
JACH     1.10 211 iPd    48 01.50   0.9
                  iS     48 19.40
CFA      1.45  85 iPc    48 04.20  -0.4
ROCH     1.53 216 iPd    48 06.00   0.2
                  iS     48 27.00
PEL      1.54 204 iPd    48 05.90   0.2
                  iS     48 27.10
SAN      1.82 200 eP     48 09.50   0.3
                  eS     48 33.50
PCH      1.94 194 iPd    48 11.00   0.2
                  iS     48 36.40
LCCH     2.22 218 iPd    48 14.00  -0.3
CHCH     2.27 195 iPd    48 15.00  -0.1
                  iS     48 43.70
CACH     2.44 193 iPd    48 17.40   0.1
                  iS     48 48.20
LNV      2.54 209 iPd    48 17.10  -1.4
                  iS     48 47.50
      S.D. = 0.6  on  12 of  12 obs.
-----------------------------------
*  FEB  05, 1992  04h 49m 30.89± 2.06s
   6.425 S ± 8.2km  130.189 E ± 9.6km
   DEPTH =  82.3 ± 21.7 km
   5.0mb ( 12 obs.)
 BANDA SEA                             (280)

MTN      6.45 172 iPc    51 06.10   1.0
KNA      9.37 188 iPd    51 44.60  -0.7
                  iS     53 22.00
WB2     14.03 164 eP     52 42.00  -5.3X
        0.5s    456.10nm          6.0mb X
                  i      52 45.00
                  iS     55 11.40
                  iPcP   59 07.60
OIS     16.76 148 iPc    53 19.50  -2.4
        0.4s     43.00nm          5.0mb
                  eS     56 10.00
PMG     17.06 101 eP     53 27.50   1.8
        1.0s    270.00nm          5.4mb
ASPA    17.51 169 iPc    53 30.00  -1.3
        0.4s    367.80nm          6.0mb X
                  eS     56 32.20
MBL     17.75 213 eP     53 34.00  -0.2
        0.3s      8.00nm          4.4mb
                  eS     56 38.00
WARB    19.94 189 iPc    53 59.30   0.5
                  eS     57 27.00
OLP     24.10 148 eP     54 41.00   0.9
                  i      55 08.00
                  e      59 06.00
FORR    24.38 184 eP     54 42.80   0.2
                  e      54 57.00
COOL    25.77 198 eP     54 55.90   0.1
                  e      55 23.00
                  e      59 55.00
RMO     26.67 141 e(P)   55 27.00  23.0X
                  i      55 35.00
                  e      59 58.00
STK     27.48 159 iPc    55 19.60   8.3X
        0.6s      4.20nm          4.2mb
                  e      55 44.50
                  eS     00 41.90
KLB     27.61 203 eP     55 12.50   0.0
                  e      55 48.50
                  eS     00 30.00
RKG     30.54 202 eP     55 40.00   1.3
BFD     32.62 162 e(P)   56 03.00   6.2X
                  e      56 32.00
                  e      02 34.00
TOO     33.99 158 e(P)   56 09.00   0.3
                  e      56 43.00
                  e      03 09.00
DZM     38.29 118 iPd    56 45.10  -0.2
BDT     38.77 308 eP     56 51.00   1.8
CHG     39.72 310 eP     56 58.50   1.4
CHTO    39.72 310 eP     56 58.70   1.6
        1.0s      7.50nm          4.5mb
MAT     43.40   9 eP     57 26.00  -1.0
BJI     48.01 346 eP     58 03.00  -0.5
        1.0s      9.00nm          4.6mb
LZH     48.99 332 Pd     58 11.50   0.2
        1.2s     29.00nm          5.2mb
                  pP     58 40.50 125kmX

GUN     54.72 311 P      58 54.40  -0.3
        0.6s     32.00nm          5.5mb
PKI     54.90 310 P      58 55.00  -1.0
        0.6s      9.00nm          5.0mb
KKN     55.11 310 P      58 56.00  -1.3
        0.6s     15.00nm          5.2mb
DMN     55.15 310 P      58 55.80  -1.9
        0.5s     12.00nm          5.2mb
GKN     55.71 310 P      59 01.20  -0.3
        0.5s     19.00nm          5.4mb
LPB    150.89 142 PKP    09 16.00   5.0X
CCH    151.37 146 ePKP   09 19.00   7.4X
                  i      09 58.00
      S.D. = 1.2  on  25 of  31 obs.
-----------------------------------
   FEB  05, 1992  05h 07m 06.19± 0.33s
   44.492 N ± 3.9km   10.470 E ± 3.3km
   DEPTH =  20.4 ±  4.0 km
 NORTHERN ITALY                        (545)
      ML 2.9 (LDG), 2.8 (GEN).

BDI      0.44 168 P      07 14.20  -1.1
                  eSg    07 21.20
PII      0.77 177 P      07 21.10   0.3
                  eSg    07 32.20
BOB      0.78 291 P      07 24.10   3.1X
                  eSg    07 35.00
PGD      1.09 124 P      07 27.60   1.2
                  eSg    07 40.40
SAL      1.12   2 P      07 27.90   1.3
                  eSg    07 44.20
SFI      1.15 119 P      07 28.30   1.3
                  eSg    07 43.80
CRE      1.37 128 P      07 30.90   0.5
                  eSg    07 49.10
PCP      1.38 273 P      07 33.61   3.2X
                  S      07 51.31
MDI      1.39 338 P      07 31.50   1.0
                  eSg    07 51.00
CKI      1.57 268 P      07 35.20   2.1
                  eSn    07 55.50
FIN      1.65 261 P      07 35.37   1.1
                  S      07 54.57
CTI      1.76  28 P      07 35.70  -0.3
                  eSn    07 57.30
ROB      1.87 265 P      07 39.47   1.9
                  S      08 01.27
IMI      1.95 253 P      07 39.14   0.5
                  S      08 01.10
ARV      2.04 118 P      07 39.50  -0.5
                  eSg    08 03.50
ORX      2.10 304 P      07 46.68   5.8X
ASS      2.13 131 P      07 40.70  -0.6
ENR      2.20 264 P      07 44.45   2.1
                  S      08 08.99
PGF      2.22 209 Pn     07 42.40  -0.2
                  Sn     08 08.00
STV      2.27 265 P      07 44.61   1.3
PZZ      2.41 271 P      07 46.12   0.8
FVI      2.66  37 P      07 48.40  -0.3
LPG      2.82 292 Pn     07 51.80   0.5
LPL      2.84 292 Pn     07 52.10   0.6
FRF      2.91 253 Pn     07 52.60   0.3
                  Sn     08 27.70
LMR      3.09 249 Pn     07 53.00  -1.8
                  Sn     08 29.70
LRG      3.14 252 Pn     07 55.00  -0.6
KBA      3.28  37 e(Pn)  07 57.50  -0.2
                  iSn    08 35.60
FEL      3.79 334 ePn    08 04.23  -0.7
8SF      4.21 324 Pn     08 10.30  -0.5
                  Sn     08 58.00
CDF      4.50 332 Pn     08 14.10  -0.8
                  Sn     09 02.60
HAU      4.53 322 Pn     08 14.70  -0.6
                  Sn     09 04.20
SMF      5.13 297 Pn     08 23.50  -0.3
LBF      5.18 301 Pn     08 25.10   0.5
                  Sn     09 22.00
LOR      5.39 303 Pn     08 27.80   0.4
                  Sn     09 27.40
AVF      5.49 297 Pn     08 28.40  -0.5
BGF      5.74 294 Pn     08 32.00  -0.4
WB2    127.75  81 ePKP   26 09.50  -2.4X
        0.3s      2.60nm
      S.D. = 1.0  on  34 of  38 obs.
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  FEB  05, 1992  05h 33m 14.48± 0.15s
  45.199 N ± 3.6km  150.980 E ± 2.5km
  DEPTH =  51.9km  ( 31 depth phases)
  5.6mb ( 88 obs.)
 KURIL ISLANDS                        (221)
     Mo=2.5*10**17 Nm (PPT).
     CENTROID, MOMENT TENSOR      (HRV)
     Data Used: GDSN
     L.P.B.: 16S, 27C
     Centroid Location:
     Origin Time        05:33:16.3 0.7
     Lat 45.39N 0.08 Lon 151.37E 0.08
     Dep  33.0 5.8 Half-duration  3.3
     Moment Tensor;    Scale 10**16 Nm
       Mrr=-5.00 0.46   Mtt= 0.74 0.68
       Mff= 4.26 0.57   Mrt=-8.36 1.46
       Mrf=-4.94 1.29   Mtf= 6.18 0.68
      Principal Axes:
       T  Val= 13.48   Plg=27   Azm=133
       N        -2.49       20       234
       P       -10.99       55       356
     Best Double Couple:Mo=1.2*10**17
      NP1:Strike=184 Dip=26 Slip=-143
      NP2:         60      75       -69

KUSJ     4.98 247 P      34 24.10  -4.4X
                  eS     35 17.90
ASAJ     6.04 263 iPd    34 43.90   0.4
HOOJ     6.24 246 iP+    34 43.70  -2.5
                  eS     35 52.50
MRRJ     7.68 252 eP     35 04.30  -2.0
                  eS     36 27.50
OFUJ     9.23 232 P      35 21.60  -6.0X
                  eS     36 58.70
YAMJ    10.77 233 eP     35 43.70  -5.1X
NIIJ    12.01 233 P      36 00.50  -4.9X
KAKJ    12.15 226 P      36 01.40  -5.9X
                  eS     38 07.60
CHJJ    12.89 229 P      36 11.60  -5.4X
                  S      38 28.20
MAT     12.96 233 eP     36 13.00  -4.9X
        0.8s    32.09nm          5.3mb
                  eS     38 35.00
MTMJ    13.15 234 eP     36 16.20  -4.4X
TSRJ    14.94 235 eP     36 40.40  -3.4X
WKYJ    16.11 232 eP     37 02.20   3.3X
YONJ    16.67 239 eP     37 07.50   1.5
TKSJ    17.16 235 eP     37 09.90  -2.1
SHNJ    18.83 241 eP     37 27.00  -5.5X
KUMJ    20.09 238 eP     37 45.60  -0.6
YAK     20.87 331 eP     37 50.40  -3.7X
        1.6s     0.92nm          2.9mb X
      Z  20s     5.40um          4.9Msz
      N  20s     5.20um
      E  15s     1.30um
                  iPP    38 13.00
                  iPPP   38 26.00
                  iS     41 37.00
                  iPcP   41 54.00
                  esS    42 15.00
                  eScS   50 15.00
                  e      50 38.00
KAGJ    21.02 235 P      37 59.70   3.9X
BJI     25.99 271 eP     38 44.00   0.1
        0.9s    24.00nm          4.7mb
      Z  20s     3.73um          4.9Msz
      E  15s     2.72um
                  eS     43 08.00
SSE     27.15 249 Pd     38 55.00   0.4
        0.9s     8.00nm          4.3mb X
      Z  20s     2.80um          4.8Msz
      N  18s     1.30um
      E  18s     2.80um
                  sP     39 08.00
                  PcP    42 27.50
                  S      43 32.00
                  sS     43 44.00
                  PcS    45 54.00
ANM     30.82  36 ePc    39 26.90  -0.3
                  e      42 38.80
IRK     31.12 300 eP     39 33.80   3.8X
      Z  17s     8.17um          5.5MszX
      N  16s     1.05um
      E  18s     7.04um
                  e      41 09.20
                  e      42 36.70
                  e      44 54.00
                  e      45 12.00
                  LR     51 16.00
GUMO    31.93 191 eP     38 54.10 -43.2X
      Z  25s     1.79um          4.7MszX
TTA     34.57  40 ePd    39 59.90   0.0
        1.1s    50.20nm          5.4mb
SVW     34.62  43 ePd    40 00.80   0.5
PDB     35.31  46 P      40 05.70  -0.4
IMA     35.94  35 ePd    40 11.60   0.1
        1.0s    51.10nm          5.4mb
                  e      42 38.50
                  e      42 52.60
BRW     36.01  26 ePd    40 12.00   0.1
LZH     36.46 272 Pd     40 16.00  -0.3
        1.5s   155.00nm          5.7mb
      Z  20s     1.97um          4.9Msz
      E  16s     1.63um
                  pP     40 24.50  29kmX
                  sP     40 28.00
                  PP     41 45.00
                  PcP    42 35.00
                  S      45 55.00
                  sS     46 12.00
                  PcS    46 24.50
                  SS     48 17.50
                  ScS    50 30.00
PMR     37.75  43 eP     40 26.60   0.0
        1.3s    60.90nm          5.4mb
                  e      42 56.60
RND     37.83  40 P      40 26.20  -1.2
FBA     38.30  37 ePd    40 31.60   0.4
        1.1s   126.70nm          5.7mb
TOA     39.12  42 eP     40 39.20   1.0
KLU     39.29  43 P      40 39.60   0.0
BALM    41.06  43 P      40 54.60   0.4
                  pP     41 08.10  51km
KMI     43.49 259 Pc     41 14.50  -0.1
        1.8s   120.00nm          5.3mb
      Z  20s     1.30um          4.8Msz
      N  14s     1.00um
      E  14s     0.70um
                  pP     41 18.50  13kmX
                  S      47 31.00
                  sS     47 41.00
INK     43.76  31 eP     41 16.00   0.1
        0.6s    42.00nm          5.4mb
                  pP     41 28.00  43km
MBC     46.56  19 eP     41 38.00  -0.2
        1.5s    65.00nm          5.3mb
CHG     50.31 256 ePd    42 07.50  -0.4
        0.9s    14.71nm          5.0mb
CHTO    50.31 256 eP     42 07.40  -0.5
        1.0s    31.50nm          5.3mb
                  pP     42 19.20  42km
SHL     50.84 268 iP     42 10.50  -1.6
                  eS     49 24.00
BDT     51.35 255 eP     42 16.00   0.2
YKA     53.05  35 eP     42 26.30  -1.8
        1.0s    19.40nm          5.1mb
GUN     53.65 275 P      42 33.20  -0.1
KBS     53.81 351 eP     42 32.30  -1.1
KKN     54.14 275 P      42 36.40  -0.4
NNT     54.18 250 eP     42 37.40   0.6
PKI     54.19 275 P      42 37.00  -0.2
DMN     54.38 275 P      42 38.60   0.0
GKN     54.47 276 P      42 39.00  -0.1
GMW     56.52  54 P      42 53.50  -0.1
                  pP     43 06.50  46km
RMW     57.13  54 P      42 58.00   0.0
PNT     57.35  51 eP     42 59.00  -0.4
        1.0s    22.00nm          5.2mb
LON     57.51  55 P      43 01.60   1.0
SHW     57.57  55 P      43 16.90  15.8X
SNG     57.63 245 eP     42 55.80  -5.9X
DAG     58.14 357 iPd    43 03.00  -1.5
        1.2s   150.00nm          6.0mb
VGB     58.80  55 P      43 09.20  -0.4
                  pP     43 22.80  49km
DPW     58.93  52 P      43 09.60  -0.9
NDI     59.24 281 iPd    43 11.80  -1.0
        0.6s    96.67nm          6.1mb
                  eS     51 17.00
NEW     59.31  51 P      43 12.40  -0.7
        1.2s    46.97nm          5.5mb
                  pP     43 25.00  44km
TRO     60.22 343 eP     43 17.50  -1.5
LBFM    60.52  60 P      43 21.80   0.1
SES     61.28  46 eP     43 25.00  -1.5
                  pP     43 38.00  46km
ORV     61.82  61 P      43 29.30  -1.0
FFC     62.88  39 iPd    43 36.40  -0.6
        1.1s    74.00nm          5.7mb
ARN     63.13  63 P      43 38.90  -0.1
LRM     63.32  51 eP     43 40.20  -0.2
CMB     63.44  62 P      43 40.90  -0.1
        1.2s    38.20nm          5.4mb
KAF     64.21 335 eP     43 43.60  -2.1
        0.7s    26.60nm          5.4mb
KVN     64.22  60 P      43 46.30  -0.1
HPI     64.28  53 P      43 45.60  -1.2
BONR    64.78  61 P      43 50.00  -0.1
PTI     65.22  54 P      43 53.00   0.3
QUE     65.32 289 eP     43 53.00  -0.5
        1.5s    91.67nm          5.6mb
                  eS     52 34.90
TNP     65.37  60 P      43 53.00  -0.8
        0.8s    15.74nm          5.1mb
HYB     65.53 270 iPd    43 54.00  -0.8
        0.8s    46.20nm          5.6mb
                  eS     52 38.00
HVU     65.68  55 P      43 55.30  -0.3
OBN     65.73 325 eP     43 56.00   0.5
        1.3s    52.00nm          5.4mb
      Z  18s     2.40um          5.4Msz
      N  16s     1.80um
      E  16s     1.20um
                  i      44 09.00  45km
                  ePcP   44 20.00
                  e      44 46.00
                  e      44 56.50
                  ePP    46 26.00
                  eS     52 48.00
                  eSS    57 22.00
                  e      57 50.00
NUR     65.97 334 iP     43 55.10  -1.8
        0.4s    24.20nm          5.6mb
ISA     66.11  63 eP     43 57.00  -1.4
MAIO    66.30 298 iPd    43 59.80   0.2
WB2     66.58 197 iPc    44 00.20  -1.0
        1.1s    25.50nm          5.2mb
                  i      44 13.40  46km
WRA     66.58 197 P      44 00.50  -0.7
        1.1s     4.90nm          4.4mb X
DUG     66.67  56 P      44 01.50  -0.5
BW06    66.86  52 P      44 04.20   0.9
        1.0s    26.67nm          5.2mb
                  pP     44 17.70  47km
SBB     67.14  63 eP     44 05.00   0.1
MWC     67.29  64 eP     44 05.00  -1.0
RVR     67.87  64 eP     44 08.00  -1.4
PEC     68.07  64 P      44 10.10  -0.7
        1.1s    80.16nm          5.6mb
MSU     68.14  57 P      44 11.40   0.1
DZM     68.41 165 iPc    44 13.00   0.1
UPP     68.56 337 iP     44 10.20  -3.0X
        1.0s   100.00nm          5.7mb
PLM     68.61  64 eP     44 14.00  -0.3
TPC     68.64  63 eP     44 13.00  -1.3
SRU     68.71  56 P      44 14.10  -0.7
RSSD    68.96  48 P      44 15.10  -1.2
        1.0s    58.75nm          5.5mb
                  pP     44 30.10  54km
AKU     69.13 355 iP     44 17.80   1.2
        1.5s   177.78nm          5.8mb
NB2     69.20 340 P      44 15.40  -1.9
        0.7s    70.70nm          5.7mb
HFS     69.38 339 eP     44 16.60  -1.7
        0.7s    75.10nm          5.7mb
HYA     70.22 343 iPc    44 22.70  -0.6
ASPA    70.28 197 iPc    44 24.30   0.1
        1.1s    41.10nm          5.3mb
                  i      44 39.60  55km
SUE     70.61 343 eP     44 25.50  -0.2
KONO    70.81 340 eP     44 26.60  -0.4
ASK     71.04 343 iPc    44 27.50  -0.9
BER     71.11 343 iPc    44 28.50  -0.2
RMO     71.37 182 iPd    44 32.00   1.3
BSD     73.37 335 iPc    44 42.00  -0.2
        0.6s    50.00nm          5.6mb
MUD     73.76 339 iPc    44 44.20  -0.2
        0.7s    28.00nm          5.3mb
                  e      44 56.00  40kmX
ANMO    73.92  57 P      44 46.30   0.2
KER     75.11 304 eP     44 54.00   1.1
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05d 05h

ARMA	75.26	179	iPd	44 55.10	1.7
	0.7s	11.00nm			4.9mb
IAS	75.43	324	eP	44 54.00	-0.2
EDR	75.86	345	eP	44 55.20	-1.3
	0.9s	60.00nm			5.5mb
MSL	75.94	308	iPc	44 47.50	-9.8X
			ePcP	45 11.50	
			eS	54 36.50	
			ePS	55 09.50	
KRA	76.03	330	iP	44 57.50	-0.1
	0.6s	144.00nm			6.1mb
	Z 18s	2.30um			5.5Msz
			i	45 13.70	58km
CLI	76.05	324	eP	44 58.50	0.7
CMS	76.46	185	eP	45 02.00	1.9
			i	45 17.00	53km
ELO	76.49	346	eP	45 00.00	-0.1
	0.9s	102.00nm			5.8mb
KSP	76.61	332	iPd	45 00.20	-0.6
	1.0s	157.00nm			6.0mb
			i	45 16.20	57km
SPC	76.64	329	iPd	45 02.30	1.0
EBH	76.67	346	eP	45 00.90	-0.2
CFR	76.77	322	eP	45 02.00	0.2
ESY	76.82	345	eP	45 01.70	-0.2
	1.1s	86.00nm			5.7mb
VRI	76.83	324	ePd	45 02.00	-0.2
EAB	76.87	346	eP	45 02.10	-0.1
	1.0s	119.00nm			5.9mb
BRD	76.97	323	eP	45 02.00	-1.0
EBL	77.04	345	eP	45 03.10	0.0
EAU	77.04	346	eP	45 03.30	0.1
	0.8s	85.00nm			5.8mb
CVO	77.10	324	iPc	45 05.00	1.3
KAS	77.16	317	iPd	45 05.20	1.1
STK	77.19	188	iPd	45 14.00	9.9X
	1.1s	5.00nm			4.4mb X
			i	45 27.80	48km
CLL	77.24	334	iPd	45 03.70	-0.6
	1.2s	250.00nm			6.1mb
			ipP	45 19.80	58km
			i	45 34.90	
BRG	77.33	334	iPd	45 04.20	-0.6
	1.4s	110.00nm			5.7mb
			i	45 20.00	56km
MLR	77.46	324	ePc	45 06.00	0.2
BHD	77.47	305	iPc	45 06.00	0.2
			iPcP	45 21.50	
			eS	54 54.00	
			eScS	55 12.00	
EKA	77.48	345	Pc	45 05.80	0.3
	1.1s	80.30nm			5.7mb
ISR	77.49	323	iPc	45 07.00	1.1
MDB	77.57	325	ePc	45 10.00	3.8X
WIT	77.68	339	eP	45 08.00	1.4
PSZ	77.84	329	iPc	45 08.00	0.3
PRU	77.91	333	iPd	45 07.70	-0.3
	1.3s	111.20nm			5.7mb
	Z 18s	2.90um			5.6Msz
	N 18s	1.70um			
	E 17s	1.70um			
			e	45 19.00	37kmX
			e	45 24.00	
CMP	78.02	324	iPc	45 09.00	0.3
TNR	78.02	325	ePc	45 10.00	1.3
MOX	78.24	335	ePd	45 09.50	-0.4
	1.4s	122.00nm			5.7mb
	Z 21s	1.90um			5.4Msz
	N 20s	2.10um			
			e	45 26.50	61km
NKC	78.36	334	eP	45 10.50	0.1
HOF	78.46	335	iPc	45 11.30	0.2
	1.2s	138.00nm			5.8mb
SRO	78.50	330	iP	45 12.10	0.9
BUD	78.52	329	iP	45 11.80	0.4
MEO	78.56	52	e(P)	45 12.50	0.6
ZST	78.60	331	iPd	45 12.10	0.3
	1.2s	59.50nm			5.4mb
VKA	78.81	331	eP	45 13.00	0.0
	4.0s	597.00nm			5.9mb X
			ic	45 13.40	1kmX
BBTK	78.82	316	iPd	45 14.00	0.6
KHC	78.97	333	Pd	45 14.90	1.0
	1.2s	116.00nm			5.7mb
	Z 18s	2.90um			5.7Msz
	N 18s	2.10um			
	E 18s	1.50um			

			e	45 30.00	53km
SIO	79.09	50	e(P)	45 18.60	3.8X
WET	79.18	333	eP	45 15.00	0.0
	1.3s	298.00nm			6.1mb
GEC2	79.18	333	PKP	45 13.20	-1.9
	0.7s	18.95nm			5.1mb
GRF	79.21	335	iPd	45 15.50	0.4
	1.0s	198.00nm			6.0mb
	Z 20s	2.00um			5.5Msz
			epP	45 32.10	60km
BNS	79.22	338	ePd	45 15.00	-0.2
	1.0s	135.00nm			5.8mb
	Z 19s	2.00um			5.5Msz
TUL	79.25	49	eP	45 20.40	4.8X
	1.1s	29.10nm			5.1mb
	Z 20s	0.75um			5.0Msz
	N 18s	0.34um			
	E 18s	0.24um			
			e	45 29.20	28kmX
			e	45 50.00	
			LR	18 34.00	
LNO	79.25	49	eP	45 20.20	4.7X
			e	45 28.80	27kmX
			e	45 50.30	
UZD	79.44	329	eP	45 15.20	-1.2
RLO	79.47	49	e(P)	45 19.20	2.4
HRT	79.53	319	iP	45 17.00	-0.1
TNS	79.54	337	eP-	45 17.00	0.0
VVO	79.71	50	e(P)	45 18.40	0.3
MEM	79.85	338	iPd	45 18.43	-0.1
			ic	45 34.98	59km
IZI	80.01	319	iP	45 20.00	0.3
UCC	80.10	339	Pc	45 19.70	-0.2
BEO	80.22	327	iPd	45 20.60	0.0
SNF	80.39	339	iPd	45 21.39	0.0
			id	45 38.25	60km
DIM	80.42	322	iPd	45 23.00	1.3
BHG	80.43	333	iPd	45 22.30	0.6
	1.4s	162.00nm			5.8mb
FVM	80.44	45	P	45 21.40	-0.6
	0.7s	83.67nm			5.8mb
ETA	80.54	346	eP	45 22.70	0.6
FUR	80.54	334	iPc	45 22.50	0.2
	1.4s	270.00nm			6.0mb
WLF	80.68	338	iPd	45 23.00	0.1
			e	46 12.00	201kmX
DOU	80.69	339	P	45 23.10	0.1
ALT	80.72	317	iP	45 23.10	-0.4
EDC	80.75	320	iP	45 20.00	-3.5X
KBA	80.84	332	iPd	45 24.30	0.2
	1.3s	132.00nm			5.7mb
			ic	45 24.80	2kmX
			i	45 41.30	
			i	46 21.20	
VTS	80.96	324	iPd	45 25.00	0.2
PTJ	80.97	330	iP	45 24.10	-0.6
ZAG	81.03	330	eP	45 24.00	-0.9
ECP	81.06	346	iPc	45 24.60	-0.3
	0.7s	140.00nm			6.0mb
RZN	81.06	322	iPd	45 26.00	0.6
STR	81.21	336	P	45 26.15	0.4
RBL	81.32	332	P	45 29.20	2.7
LJU	81.34	331	eP	45 26.30	-0.2
SQTA	81.40	334	iPd	45 27.30	0.3
	1.4s	122.00nm			5.7mb
			ic	45 27.60	1kmX
			i	45 43.60	
FVI	81.45	332	P	45 27.10	0.1
CDF	81.51	336	P	45 27.23	-0.2
VBY	81.56	330	ePd	45 27.50	-0.1
			e	45 43.50	57km
MMB	81.57	323	iPd	45 28.00	0.2
VOY	81.57	331	eP	45 27.20	-0.6
KHL	81.58	317	eP	45 27.00	-1.0
ELC	81.58	44	P	45 27.90	0.0
			pP	45 43.10	53km
KKB	81.62	323	iPd	45 28.00	0.0
CEY	81.65	331	eP	45 28.60	0.5
LIBD	81.65	336	P	45 28.36	0.3
ECH	81.72	336	P	45 28.13	-0.3
SLE	81.74	335	ePc	45 28.80	0.2
OGA	81.77	334	eP	45 29.50	0.5
	1.2s	60.00nm			5.5mb
FEL	81.78	336	P	45 28.85	-0.1
PLE	81.89	327	iPd	45 29.86	0.3
VAL	81.90	348	iP	45 30.00	0.8
TRI	81.90	331	P	45 29.40	0.0

RIY	82.00	331	eP	45 24.20	-5.7X
ZLA	82.03	335	eP+	45 30.60	0.5
VITF	82.04	337	P	45 30.66	0.5
MOF	82.06	336	P	45 29.59	-0.7
IVA	82.08	326	iPd	45 30.62	0.1
VVI	82.11	332	P	45 30.20	-0.3
HAU	82.14	337	eP	45 30.70	0.0
	0.8s	429.55nm			6.5mb
	Z 20s	1.52um			5.4Msz
BSF	82.17	337	P	45 30.49	-0.5
OSS	82.21	334	ePc	45 32.10	0.8
SKO	82.21	325	iPd	45 31.00	-0.1
	1.5s	229.00nm			6.0mb
	Z 18s	3.08um			5.7Msz
	N 17s	2.00um			
	E 17s	1.91um			
			eS	55 20.00	
			LR	26 02.00	
PVY	82.28	326	iPd	45 31.24	-0.4
VAY	82.28	323	iP	45 31.60	0.1
	1.2s	184.00nm			6.0mb
BBS	82.30	336	P	45 31.45	-0.1
CTI	82.30	333	P	45 31.20	-0.5
CSS	82.30	313	eP	45 32.00	0.3
HRI	82.33	310	iPd	45 32.60	0.6
LLS	82.40	335	ePd	45 32.50	0.2
NKY	82.48	327	iPd	45 31.66	-1.0
BRY	82.58	327	iPd	45 32.28	-0.9
LOMF	82.60	336	P	45 32.92	-0.2
VDL	82.60	334	ePc	45 34.10	0.8
ELL	82.64	316	iP	45 33.00	-0.6
TTG	82.70	326	iPd	45 33.08	-0.5
HCY	82.99	327	iPd	45 33.66	-1.4
BDV	83.00	326	iPd	45 34.32	-0.9
ULC	83.10	326	iPd	45 35.66	-0.1
TMA	83.12	335	ePc	45 36.30	0.3
FLN	83.15	341	eP	45 35.80	-0.1
	0.8s	437.60nm			6.5mb
	Z 20s	1.52um			5.4Msz
OHR	83.19	324	iP	45 36.00	-0.3
	1.1s	117.00nm			5.8mb
			i	45 52.90	60km
LDF	83.23	341	eP	45 36.30	0.0
	1.0s	446.00nm			6.4mb
VAI	83.37	334	P	45 37.00	0.0
MMK	83.44	335	ePc	45 38.80	1.1
LOR	83.49	338	eP	45 37.80	0.2
	0.8s	442.00nm			6.5mb
	Z 20s	1.70um			5.4Msz
DIX	83.58	335	ePc	45 39.50	1.0
GRR	83.59	342	eP	45 38.40	0.3
	0.8s	51.05nm			5.6mb
LBF	83.72	338	eP	45 38.90	0.1
	1.2s	95.20nm			5.7mb
EMS	83.73	336	ePc	45 39.90	0.8
SSF	83.77	338	eP	45 39.30	0.3
	1.2s	63.95nm			5.5mb
DSI	83.82	309	iPd	45 40.30	0.8
ORX	83.82	335	P	45 39.27	-0.2
ORO	83.83	335	P	45 39.20	-0.3
LPF	83.97	342	eP	45 40.40	0.4
	1.1s	92.80nm			5.7mb
AVF	84.06	338	eP	45 40.90	0.4
SMF	84.07	338	eP	45 41.00	0.4
SFI	84.12	332	P	45 42.10	1.3
ARV	84.12	331	P	45 41.40	0.5
BOB	84.15	334	P	45 41.90	0.8
PGD	84.20	332	P	45 42.50	1.0
LSD	84.22	335	P	45 42.55	0.9
LPL	84.29	336	eP	45 42.80	0.8
	0.8s	42.30nm			5.6mb
LPG	84.31	336	eP	45 42.90	0.8
	1.1s	78.15nm			5.7mb
CRE	84.34	331	P	45 42.90	0.8
BGF	84.41	339	eP	45 42.90	0.6
	0.8s	30.90nm			5.4mb
BDI	84.41	332	P	45 43.40	1.0
RSP	84.47	335	P	45 44.70	1.9
ASS	84.59	331	P	45 43.80	0.5
PCP	84.63	334	P	45 43.78	0.3
BNI	84.73	335	P	45 45.80	1.7
BHB	84.75	335	P	45 41.83	-2.2
MAF	84.79	339	eP	45 45.00	0.8
RRL	84.82	335	P	45 44.39	-0.3
TCF	84.82	339	eP	45 45.10	0.7
	0.8s	21.50nm			5.3mb
AQU	84.96	330	P	45 46.00	0.8

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TBR     85.00  33 P      45 44.70  -0.6
LSF     85.03 339 eP     45 46.20   0.8
FIN     85.04 334 P      45 45.52   0.0
ROB     85.06 334 P      45 45.42  -0.2
PZZ     85.10 335 P      45 44.19  -1.8
MFF     85.11 340 eP     45 46.60   0.9
        1.1s    68.35nm          5.7mb
SSB     85.13 337 P      45 46.41   0.4
COLF    85.15 338 P      45 46.41   0.4
ENR     85.26 335 P      45 44.91  -1.8
STV     85.27 335 P      45 44.39  -2.4
GBTN    85.31  42 P      45 46.90   0.0
                pP       46 01.60  51km
SDI     85.38 329 P      45 47.10  -0.2
IMI     85.40 334 P      45 47.26  -0.1
MBH     85.47 308 eP     45 48.50   0.5
TKL     85.52  42 P      45 48.20   0.2
                pP       46 02.80  50km
SBF     85.59 334 eP     45 48.10  -0.2
        1.2s   101.15nm          5.9mb
BLA     85.77  39 P      45 49.60   0.3
        1.2s   943.75nm          6.9mb X
                pP       46 03.10  46km
RJF     85.91 339 eP     45 51.00   1.2
        1.2s    59.50nm          5.7mb
      Z  20s     1.48um          5.4Msz
CVL     85.98  37 P      45 51.10   0.9
                pP       46 05.60  50km
FRF     86.10 335 eP     45 50.70  -0.1
        1.2s    56.55nm          5.7mb
CAF     86.13 338 eP     45 52.30   1.4
        1.1s   136.75nm          6.1mb
LRG     86.28 335 eP     45 52.30   0.7
        1.0s    44.00nm          5.6mb
      Z  22s     2.20um          5.5Msz
LMR     86.35 335 eP     45 52.30   0.3
        1.2s    89.25nm          5.9mb
LFF     86.45 339 eP     45 53.70   1.3
        0.8s    45.65nm          5.7mb
LPO     86.58 339 eP     45 54.20   1.1
        1.0s    36.00nm          5.5mb
PRM     87.47  42 P      45 57.90   0.3
                pP       46 12.80  51km
LHS     87.87  41 P      45 57.00  -2.4
TOL     92.38 341 eP     46 20.50   0.0
                eS       56 58.00
BCAO   114.93 306 iPKPd  51 52.00   0.5
        1.1s    14.00nm
                i        52 20.40
                i        52 45.00
KIC    124.25 330 PKP    52 08.60  -0.6
LIC    124.47 331 PKP    52 09.40  -0.3
BUL    126.71 278 iPKPd  52 13.30  -0.7
                ipPKP    52 26.90
NNA    127.62  66 ePKP   52 29.00  13.2X
        0.9s    18.49nm
ARE    134.39  65 e(PKP)52 44.00  15.1X
KIM    134.83 272 iPKPc  52 42.00  12.8X
SPA    135.01 180 iPKPc  52 42.00  13.6X
        1.0s    25.00nm
LP8    136.59  62 PKP    52 47.00  13.8X
        1.0s    44.00nm
CCH    138.44  60 ePKP   52 49.00  12.5X
RTRS   145.05  79 ePKPd  52 47.20  -0.1
LCCH   145.45  85 ePKP   52 47.40  -0.6
ROCH   145.57  84 ePKP   52 48.50   0.0
LNV    145.81  86 ePKP   52 48.50   0.0
PEL    145.89  84 ePKPd  52 48.60  -0.2
        1.5s   375.00nm
SAN    146.07  84 ePKP   52 49.50   0.4
PCH    146.27  85 ePKPd  52 51.00   1.5
PDCR   146.32  18 ePKP   52 51.20   1.3
                e        53 05.50
CHCH   146.34  85 ePKP   52 51.00   1.5
ZON    146.40  80 ePKP   52 51.00   1.3
RTLL   146.42  79 ePKPd  52 50.00   0.3
CACH   146.47  85 ePKP   52 50.50   0.7
CFA    146.74  80 iPKPd  52 51.00   0.8
NVL    147.61 204 (PKP)c52 53.00   2.7X
        1.2s    39.00nm
      Z  18s     0.50um          5.3Msz
      N  18s     0.30um
      E  18s     0.20um
                e        52 56.00
                e        53 06.00
                e        53 20.00
                e        54 03.00
RFA    148.31  85 iPKP   52 53.50   0.8
PPD    150.54  46 ePKP   53 02.30   5.9X
                e        53 09.80
                e        53 16.20
      S.D. = 0.8  on 291 of 325 obs.
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&  FEB  05, 1992  06h 07m 42.60s
   31.189 N          116.870 W
   DEPTH =   6.0km  (geophysicist)
   3.9mb (  2 obs.)
 BAJA CALIFORNIA, MEXICO          ( 48)
      <PAS-P>. ML 4.0 (PAS).

BAR      1.50   6 ePd    08 09.00  -1.0
IKP      1.59  24 ePc    08 11.10  -0.4
CPE      1.70 353 eP     08 13.00   0.1
                eS       08 33.60
PLM      2.16   0 ePnd   08 18.85  -0.9
GLA      2.54  42 ePd    08 24.13  -1.0
                eS       08 58.25
PEC      2.71 355 ePn    08 26.91  -0.6
                eS       09 03.38
TPC      2.99  13 eP     08 31.10  -0.4
SSK      3.09 347 ePn    08 32.70  -0.3
                eS       09 15.32
SBB      3.58 347 eP     08 39.50  -0.4
ABL      4.15 332 (Pn)   08 46.07  -2.0
PHAM     5.49 328 (P)    09 13.46   6.5
BONR     6.85 350 (Pn)   09 25.62  -0.8
MSU      8.26  27 (Pn)   09 48.18   2.1
SRU      9.46  32 (Pn)   10 05.48   3.0
FFC     25.82  20 eP     13 21.00   5.0
        0.7s     5.00nm          4.3mb
YKA     31.35   2 eP     14 10.10   4.3
        0.6s     0.30nm          3.4mb
        16 obs. associated
-----------------------------------
   FEB  05, 1992  06h 15m 50.47± 0.44s
   39.214 S ± 5.3km  174.739 E ± 7.4km
   DEPTH = 242.7 ±  6.9 km
   4.4mb (  3 obs.)
 NORTH ISLAND, NEW ZEALAND        (159)

RUZ      0.47  80 P      16 22.60   0.1
                eS       16 44.90
BSZ      0.60 166 P      16 24.00   1.2
NRZ      0.64 259 Pd     16 23.90   0.9
MOZ      0.71   4 Pd     16 22.90  -0.4
                S        16 46.00
HATZ     1.10  73 P      16 25.20  -0.4
HUTZ     1.21  62 P      16 26.00  -0.3
WAHZ     1.34 112 P      16 27.70   0.4
WHH      1.41  77 P      16 27.00  -0.8
PATZ     1.45  55 P      16 27.70  -0.4
MNG      1.51 158 P      16 29.40   0.9
                S        16 56.00
WLZ      1.52  26 Pc     16 28.10  -0.4
                eS       16 55.50
UTU      1.54  48 P      16 28.30  -0.4
TAHZ     1.56  88 P      16 29.80   0.8
TTH      1.65 102 P      16 30.30   0.7
KIW      1.65 175 Pc     16 30.40   0.8
TAZ      1.69  55 P      16 29.40  -0.5
DIW      1.71 201 P      16 31.00   0.9
TEHZ     1.78 116 P      16 31.40   0.7
PGZ      1.83 140 P      16 31.80   0.7
PAHZ     1.84  80 P      16 31.10  -0.1
MOH      1.87  88 P      16 31.90   0.4
CAW      1.91 173 P      16 32.70   0.9
MRW      2.02 181 Pc     16 33.60   0.9
                S        17 04.20
TCW      2.03 190 P      16 34.00   1.1
MTW      2.03 164 Pc     16 33.50   0.6
WDW      2.06 175 P      16 33.80   0.6
URZ      2.08  64 P      16 32.00  -1.4
                eS       17 01.30
QRZ      2.34 226 P      16 36.00   0.1
MAHZ     2.44  90 P      16 37.30   0.3
CCW      2.57 189 P      16 39.60   1.4
KUZ      2.58  18 Pd     16 37.70  -0.7
NOZ      2.64  78 P      16 38.70  -0.3
THZ      2.91 208 P      16 42.60   0.7
                eS       17 21.00
PUZ      2.98  69 P      16 41.40  -1.3
                eS       17 17.50
HBZ      3.23  61 P      16 44.10  -1.3
WCZ      3.28 354 eP     16 45.30  -0.7
KHZ      3.33 195 P      16 47.30   0.8
                eS       17 29.50
DSZ      3.38 221 P      16 47.30   0.1
LTZ      4.03 207 P      16 55.00   0.3
MQZ      4.76 199 P      17 02.80  -0.7
                eS       17 57.40
EWZ      5.19 213 eP     17 08.70  -0.2
BWZ      6.43 213 eP     17 23.20  -1.2
LRCZ     7.09 213 eP     17 31.30  -1.6
LSCZ     7.12 212 eP     17 31.30  -1.9
SBCZ     7.12 213 eP     17 31.00  -2.3
TLC      7.30 213 eP     17 33.90  -1.8
MSZ      7.45 221 eP     17 36.00  -1.4
TUZ      7.72 208 eP     17 40.50  -0.2
BCZ      8.48 215 eP     17 49.10  -1.4
SIZ      9.05 210 eP     17 57.40  -0.5
ASPA    37.79 282 iPd    22 46.90   1.8
        0.4s     5.10nm          4.4mb
WB2     39.63 287 iPc    23 02.10   1.9
        0.3s    11.00nm          4.8mb
WRA     39.64 287 P      23 02.70   2.4
        0.5s     2.00nm          3.9mb
MAT     82.56 331 eP     28 04.00  16.9X
      S.D. = 1.1  on  53 of  54 obs.
-----------------------------------
&  FEB  05, 1992  07h 31m 30.95s
   59.607 N          153.113 W
   DEPTH = 109.2km
 SOUTHERN ALASKA                  (  2)
      <AEIC>.

AUE      0.28 208 eP     31 46.02   0.9
AUP      0.29 213 eP     31 46.36   1.0
AUI      0.32 211 eP     31 45.75  -1.1
                eS       31 58.10
IVS      0.40   2 eP     31 46.55  -1.1
INE      0.46   3 iPd    31 47.16  -0.7
                eS       32 00.07
INW      0.46 359 iPd    31 46.98  -0.9
                eS       31 59.85
PDB      0.58 289 iPd    31 47.58  -0.9
                S        32 00.39
XLV      0.73 102 iPc    31 48.98  -0.7
MCNL     0.76 236 ePc    31 49.17  -0.8
RED      0.83  12 iPd    31 49.86  -0.9
                eS       32 04.29
RS1      0.87  12 iPd    31 50.53  -0.8
                S        32 05.89
RS2      0.88  12 iPd    31 50.57  -0.8
                eS       32 06.44
RSO      0.88  12 iPd    31 50.55  -0.8
                eS       32 05.44
RDW      0.89  10 iPd    31 50.67  -0.8
                eS       32 06.39
REF      0.91  13 iPd    31 50.79  -0.9
                eS       32 06.20
CNPM     0.96  94 iPc    31 51.12  -0.8
                eS       32 06.77
NCT      0.96   5 eP     31 51.08  -1.0
DFR      1.01  12 iPd    31 51.80  -0.8
                eS       32 07.94
NNL      1.02  64 ePc    31 53.13   0.6
RDT      1.03  20 iPd    31 51.74  -1.1
                eS       32 07.80
BRLK     1.14  81 iPc    31 52.80  -1.1
                eS       32 09.41
SPU      1.67  18 iPd    31 59.23  -1.0
                eS       32 21.82
BGL      1.70  12 iPd    32 00.02  -0.7
SLKM     1.71  57 eP     31 59.35  -1.4
CRP      1.73  15 iPd    32 00.35  -0.8
                eS       32 23.19
CGLM     1.79  17 iPd    32 00.98  -0.8
NCG      1.86  14 iPd    32 01.96  -0.8
KDC      1.89 170 eP     32 00.75  -2.2
SEW      1.91  73 ePc    32 01.87  -1.4
SVW      1.96 321 ePd    32 02.43  -1.4
SUA      2.20  31 iPd    32 06.40  -0.7
PMS      2.41  45 ePc    32 08.75  -1.0
SKT      2.50  17 iPd    32 09.74  -1.3
LTI      2.69  78 eP     32 11.90  -1.6
MTU      2.79  80 eP     32 13.44  -1.3
PLRM     2.80  43 eP     32 12.35  -2.5
KNK      2.93  50 eP     32 14.61  -2.1
GHO      2.99  42 eP     32 15.87  -1.8
SML      3.22  45 eP     32 18.49  -2.2
GLI      3.26  64 eP     32 18.72  -2.5
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05d 07h

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FID      3.51  68 eP    32 21.27  -3.2
        41 obs. associated
-----------------------------------------
*  FEB  05, 1992  09h 25m 33.28± 0.74s
    6.604 N ±11.3km  126.368 E ±18.1km
   DEPTH =  33.0km  (normal)
   4.7mb ( 12 obs.)
 MINDANAO, PHILIPPINE ISLANDS      (259)

KNA     22.34 174 eP    30 32.00   2.2
IPM     25.30 267 ePc   30 59.50   0.8
        0.8s    46.90nm          5.1mb
WB2     27.53 164 eP    31 18.40  -0.7
        0.3s     5.20nm          4.7mb
CHTO    29.32 297 eP    31 35.90   0.6
        0.9s     1.71nm          3.8mb
QIS     29.96 155 iPd   31 41.20   0.2
        0.1s     7.00nm          5.4mb
ASPA    30.97 166 eP    31 49.50  -0.4
        0.8s     7.70nm          4.6mb
BJI     34.53 346 eP    32 22.00   1.4
        1.0s    12.00nm          4.8mb
LZH     35.87 328 eP    32 35.00   2.6
        1.5s    25.00nm          4.9mb
MRWA    36.99 195 eP    32 41.10  -0.5
        0.4s     2.00nm          4.3mb
FORR    37.28 178 iPd   32 43.90  -0.1
        0.3s    15.00nm          5.3mb
BAL     38.14 194 eP    32 40.80 -10.5X
MUN     39.57 194 eP    33 03.00  -0.2
STK     40.93 160 iPc   33 24.10   9.7X
        0.5s     4.00nm          4.4mb
GUN     43.79 304 P     33 37.10  -1.2
        0.7s    24.00nm          5.1mb
PKI     44.06 303 P     33 41.20   0.7
KKN     44.25 303 P     33 40.60  -1.3
DMN     44.33 303 P     33 41.40  -1.2
GKN     44.85 303 P     33 45.40  -1.3
YKA     97.04  24 eP    39 01.30  -1.6
        0.6s     0.20nm          3.8mb
     S.D. = 1.3  on  17 of  19 obs.
-----------------------------------------
   FEB  05, 1992  09h 37m 45.88± 1.17s
   17.694 N ± 8.9km   61.443 W ± 8.8km
   DEPTH =  29.7 ±  5.2 km
   3.8mb (  1 abs.)
 LEEWARD ISLANDS                    ( 92)
      ML 3.5 (FDF). MD 3.5 (TRN).

CPB      0.37 262 eP    37 54.26   0.0
                  eS    38 02.93
ANG      0.65 215 eP    37 57.81  -0.9
                  eS    38 10.13
BPA      0.76 212 eP    37 59.00  -1.4
                  S     38 10.00
MBET     1.17 216 eP    38 06.20  -0.1
                  eS    38 20.29
NEV      1.21 243 eP    38 07.34   0.5
MGH      1.22 217 eP    38 06.70  -0.3
SEG      1.29 183 eP    38 08.17   0.3
SKI      1.29 254 eP    38 08.47   0.5
                  eS    38 24.47
BSK      1.38 256 eP    38 09.91   0.7
                  eS    38 27.26
DEG      1.42 165 eP    38 09.20  -0.7
PAG      1.67 188 eP    38 13.74   0.2
                  S     38 34.00
MGG      1.77 176 eP    38 15.77   0.8
                  S     38 37.80
DTMT     2.45 178 eP    38 25.74   1.0
                  eS    38 57.10
YKA     57.80 334 eP    47 36.00  -0.5
        0.4s     0.40nm          3.8mb
     S.D. = 0.8  on  14 of  14 obs.
-----------------------------------------
?  FEB  05, 1992  09h 41m 03.30± 1.58s
   13.468 S ±15.3km  165.315 E ±23.4km
   DEPTH =  33.0km  (normal)
   4.9mb (  4 obs.)
 VANUATU ISLANDS                    (186)

DZM      8.62 173 iPc   43 09.00   0.1
                  iS    44 42.90
ARMA    21.08 215 iPd   45 47.30   0.0
        0.6s    10.00nm          4.4mb
STK     28.44 226 iPd   47 05.40   8.2X
        0.4s    11.90nm          4.9mb
ASPA    31.39 247 iPc   47 24.00   0.3
        0.4s     8.80nm          4.9mb
FORR    38.34 237 iPd   48 22.00  -0.9
        0.2s     4.00nm          4.9mb
WARB    38.37 245 iPd   48 23.90   0.6
                  e     50 08.00
OBN    122.62 328 ePdiff56 27.00   0.0
                  e     56 49.00
                  e     57 01.00
     S.D. = 0.7  on   6 of   7 obs.
-----------------------------------------
   FEB  05, 1992  10h 15m 11.72± 0.96s
   36.671 N ± 5.8km    6.394 W ± 8.5km
   DEPTH =  10.0km  (geophysicist)
 STRAIT OF GIBRALTAR                (385)
      mbLg 3.1 (MDD). Felt at El
      Puerto de Santo Maria and Jerez
      de la Frontera, Spain.

SFS      0.26 144 eP    15 16.80  -0.4
GIBL     0.39  66 eP    15 18.80  -0.9
ALJ      0.63  90 eP    15 24.00  -0.5
MOMI     0.64 123 eP    15 25.90   1.3
PLAT     0.75 137 eP    15 28.50   2.1
EJIF     0.78 106 iPg   15 27.60   0.8
                  iSg   15 36.00
LIJA     0.82  74 eP    15 27.00  -0.7
EVAL     0.95 343 iPg   15 31.50   1.6
                  iSg   15 45.50
EPRU     0.98  72 iPg   15 30.00  -0.3
                  iSg   15 45.00
EHOR     1.47  38 iPn   15 38.10  -0.1
                  iSn   15 57.60
MAL      1.59  87 ePn   15 52.00  12.0X
                  iSg   16 08.00
EBAN     2.56  54 ePn   16 01.00   7.1X
                  eSn   16 30.00
EPLA     3.40   4 ePn   16 06.00   0.1
                  eSn   16 46.00
TOL      3.70  29 ePg   16 51.00  40.8X
                  eSg   17 10.00
GUD      4.34  23 ePn   16 18.50  -0.8
                  eSn   17 06.00
TIO      5.77 187 iPn   16 37.50  -2.1
                  iSn   17 41.00
     S.D. = 1.3  on  13 of  16 obs.
-----------------------------------------
   FEB  05, 1992  10h 19m 11.25± 1.09s
   36.658 N ± 6.4km    6.401 W ± 9.0km
   DEPTH =  10.0km  (geophysicist)
 STRAIT OF GIBRALTAR                (385)
      mbLg 3.2 (MDD). Felt (III) at El
      Puerto de Santa Maria and Jerez
      de la Frontera, Spain.

SFS      0.25 141 eP    19 16.40  -0.2
GIBL     0.40  65 eP    19 18.50  -0.9
ALJ      0.64  88 eP    19 23.60  -0.6
MOMI     0.64 121 eP    19 25.50   1.4
PLAT     0.75 136 eP    19 27.80   1.9
EJIF     0.78 105 iPgd  19 26.51   0.1
                  iSg   19 35.80
LIJA     0.83  73 eP    19 27.00  -0.4
EVAL     0.97 343 iPgd  19 30.80   1.2
                  iSg   19 44.90
EPRU     0.99  72 iPgd  19 29.60  -0.4
                  iSg   19 44.40
EHOR     1.48  38 iPnd  19 37.76  -0.2
                  iSn   19 57.00
EBAN     2.57  53 eP    19 49.40  -4.2X
                  eS    20 28.10
TOL      3.71  29 ePg   20 57.00  47.1X
                  iSg   21 09.50
TIO      5.76 187 iPn   20 37.00  -2.0
                  iSn   21 41.00
     S.D. = 1.2  on  11 of  13 obs.
-----------------------------------------
   FEB  05, 1992  10h 38m 29.50± 0.86s
   36.694 N ± 5.0km    6.321 W ± 7.4km
   DEPTH =  10.0km  (geophysicist)
 STRAIT OF GIBRALTAR                (385)
      mbLg 2.8 (MDD). Felt at El
      Puerto de Santo Maria and Jerez
      de la Frontera, Spain.

SFS      0.25 158 eP    38 33.70  -1.1
GIBL     0.32  66 eP    38 35.80  -0.4
ALJ      0.58  92 eP    38 41.90   0.6
MOMI     0.61 127 eP    38 42.30   0.5
EJIF     0.73 109 ePg   38 43.20  -0.6
                  eSg   38 53.00
PLAT     0.73 141 eP    38 44.90   1.0
LIJA     0.76  74 eP    38 44.40   0.0
EPRU     0.92  72 iPgc  38 47.00   0.0
                  eSg   39 02.00
EVAL     0.95 339 iPgd  38 48.10   0.5
                  eSg   39 02.10
EHOR     1.41  37 iPnd  38 55.10  -0.1
                  eSn   39 14.00
EPLA     3.37   3 ePn   39 22.80  -0.5
     S.D. = 0.7  on  11 of  11 obs.
-----------------------------------------
%  FEB  05, 1992  10h 42m 27.41± 0.84s
   45.307 N ± 8.4km   25.067 E ± 7.6km
   DEPTH =  10.0km  (geophysicist)
 ROMANIA                            (358)

CMP      0.04 207 iPc   42 29.00  -0.6
MTUR     0.08 182 iPc   42 30.00   0.0
MLR      0.64  73 iPc   42 39.00  -1.4
TNR      0.66 302 ePc   42 42.00   1.5
CVO      0.93  56 ePc   42 46.00   0.8
MDB      0.96 330 iPc   42 44.00  -1.7
ISR      1.06  99 ePd   42 50.50   3.1X
VRI      1.29  64 ePd   42 52.50   1.1
SRE      1.47 245 eP    42 58.00   4.1X
     S.D. = 1.5  on   7 of   9 obs.
-----------------------------------------
*  FEB  05, 1992  10h 57m 13.01± 1.79s
   50.260 N ± 7.3km  100.168 E ±10.8km
   DEPTH =  44.7 ± 19.6 km
   4.4mb ( 12 abs.)
 MONGOLIA                           (334)
      Felt (III) at Zakamensk and (II)
      at Irkutsk, Russia.

IRK      3.29  51 iPd   58 04.80   1.4
        2.0s     3.61nm
                  iPgd  58 11.00
                  eS    58 33.20
                  iSg   58 55.00
                  LR    59 07.00
LZH     14.42 168 Pd    00 35.00  -1.1
        1.2s   149.00nm          5.4mb
     E  10s      5.52um
                  pP    00 39.50
                  sP    00 42.50
                  eS    03 00.00
                  Lg    04 14.00
                  e     04 38.00
                  PcP   06 10.00
BJI     15.20 126 eP    00 44.00  -2.1
     Z  10s      3.20um
     N  11s      3.90um
     E  10s      3.26um
                  Lg    05 06.00
YAK     20.03  43 eP    01 44.00  -0.4
        1.4s    63.00nm          4.8mb
                  ePP   02 07.00
                  ePP   02 20.00
                  ePPP  02 23.00
                  eS    05 30.00
                  ePcP  05 40.00
                  eSS   06 02.00
                  iSSS  06 22.00
                  i     07 22.00
                  i     07 33.00
                  i     08 35.00
                  i     11 05.00
                  eScS  12 44.00
SSE     24.76 133 Pd    02 33.00   1.3
        0.8s     8.00nm          4.3mb
     Z  12s      0.90um          4.5MszX
     N  10s      0.70um
     E  10s      0.20um
                  S     07 04.00
                  sS    07 08.00
GUN     24.84 211 P     02 33.80   0.9
KKN     25.15 212 P     02 36.00   0.3
GKN     25.18 214 P     02 36.40   0.5
PKI     25.31 212 P     02 37.60   0.3
DMN     25.38 213 P     02 38.40   0.6
SHL     25.47 198 iPd   02 38.00  -0.6
CHTO    31.39 182 e(P)  03 32.10   0.3
```

0.6s 1.54nm 4.0mb
OUE 31.94 244 eP 03 40.60 3.8X
MAIO 32.30 260 eP 03 39.00 -0.7
0.8s 16.47nm 4.9mb
HYB 37.08 216 eP 04 24.00 3.4X
1.0s 25.00nm 5.1mb
OBN 37.65 303 eP 04 32.00 7.0X
e 05 06.00
e 05 58.00
HFS 46.87 317 eP 05 40.60 0.5
0.4s 1.40nm 4.3mb
NAO 47.77 319 P 05 45.50 -1.7
0.8s 2.70nm 4.3mb
YKA 64.25 17 eP 07 44.70 -0.5
0.8s 0.90nm 3.9mb
WRA 76.14 147 P 08 58.50 0.7
0.5s 0.90nm 4.0mb
ASPA 79.44 149 iPc 09 24.10 8.2X
1.4s 5.40nm 4.3mb
BCAO 81.26 266 ePd 09 30.10 4.2X
0.5s 4.00nm 4.6mb
S.D. = 1.1 on 17 of 22 obs.

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* FEB 05, 1992 10h 59m 50.95± 1.57s
60.451 N ± 7.6km 4.957 E ±14.0km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
MD 1.9 (BER).

ASK 0.12 74 iPc 59 54.35 0.4
iS 59 57.12
BER 0.20 110 iPc 59 55.59 0.3
iS 59 59.64
EGD 0.22 143 iP 59 55.82 0.1
iS 00 00.73
SUE 0.62 351 eP 00 03.16 -0.2
eSg 00 11.92
HYA 0.94 39 eP 00 09.00 0.2
eSg 00 22.71
ODD1 0.99 122 eP 00 09.99 0.2
eSg 00 25.30
MOL 2.46 29 eP 00 32.16 0.4
NRA0 3.26 82 Pn 00 41.76 -1.3
Pg 00 49.31
S.D. = 0.7 on 8 of 8 obs.

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* FEB 05, 1992 11h 28m 09.77± 1.99s
39.920 N ± 9.8km 23.964 E ±14.6km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
MD 2.5 (THE).

PAIG 0.22 272 iPg 28 14.30 -0.2
eSg 28 17.44
OUR 0.41 2 iPg 28 17.98 -0.2
eSg 28 23.40
SOH 1.01 333 iPg 28 28.42 -0.6
eSg 28 42.00
THE 1.04 313 ePg 28 29.00 -0.4
iSg 28 43.68
LIT 1.15 280 ePg 28 31.52 0.3
eSg 28 47.32
SRS 1.23 347 ePb 28 32.76 0.1
iSb 28 48.68
KNT 1.48 327 ePb 28 36.76 0.3
eSb 28 56.44
AGG 1.55 235 ePb 28 37.28 -0.2
VAY 1.76 323 ePn 28 41.40 1.0
OHR 2.69 297 ePn 28 50.20 -3.7X
S.D. = 0.5 on 9 of 10 obs.

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* FEB 05, 1992 11h 29m 16.94± 1.06s
45.747 N ±19.6km 151.406 E ±17.5km
DEPTH = 40.0km (geophysicist)
4.1mb (4 obs.)
KURIL ISLANDS (221)

KUSJ 5.48 243 eP 30 36.40 -1.8
eS 31 34.30
ASAJ 6.43 258 eP 30 54.60 3.0X
HOOJ 6.75 243 eP 30 56.90 0.9
eS 32 02.20
CHTO 50.73 256 eP 38 14.90 0.0
0.7s 1.11nm 4.0mb
YKA 52.43 36 eP 38 27.50 0.3
0.8s 0.50nm 3.6mb
GUN 53.90 275 P 38 39.60 0.7
KKN 54.40 275 P 38 42.80 0.4
PKI 54.44 275 P 38 43.40 0.5
GKN 54.71 275 P 38 45.20 0.5
WRA 67.19 197 P 40 08.90 -0.1
0.5s 1.00nm 4.1mb
HFS 68.97 339 eP 40 18.20 -1.5
0.4s 1.80nm 4.4mb
S.D. = 1.0 on 10 of 11 obs.

FEB 05, 1992 13h 13m 41.32± 0.14s
52.244 N ± 3.5km 170.225 W ± 2.1km
DEPTH = 33.0km (normol)
5.5mb (89 obs.) 5.6Msz (23 obs.)
FOX ISLANDS, ALEUTIAN ISLANDS (9)
ML 5.7 (PMR). Ms 5.5 (BRK).
Mo=1.3*10**18 Nm (PPT).
CENTROID, MOMENT TENSOR (HRV)
Doto Used: GDSN
L.P.B.: 28S, 73C
Centroid Locotion:
Origin Time 13:13:45.4 0.2
Lot 52.19N 0.02 Lon 170.09W 0.03
Dep 27.0 1.6 Holf-durotion 3.0
Moment Tensor; Scole 10**17 Nm
Mrr= 5.22 0.11 Mtt=-4.57 0.16
Mff=-0.65 0.11 Mrt= 6.98 0.49
Mrf= 2.10 0.31 Mtf=-1.53 0.14
Principol Axes:
T Vol= 9.00 Plg=63 Azm=344
N -0.13 1 252
P -8.87 27 162
Best Double Couple:Mo=8.9*10**17
NP1:Strike=249 Dip=18 Slip= 87
NP2: 73 72 91

ADK 4.00 267 iPc 14 43.88 2.0
SDN 6.54 58 ePc 15 17.63 -0.1
0.3s 139.04nm 6.2mb
eS 16 40.18
SMY 9.58 279 eP 16 00.32 0.5
KDC 11.56 55 ePd 16 23.62 -3.3X
0.8s 63.04nm 5.8mb
PDB 11.70 44 eP 16 29.05 0.2
SVW 11.94 36 eP 16 32.90 0.8
1.0s 181.55nm 6.2mb
ANM 12.61 10 eP 16 42.44 1.5
RSO 12.68 43 eP 16 41.70 -0.4
TTA 13.11 30 ePc 16 49.08 1.5
0.8s 17.24nm 5.1mb
SLKM 13.78 45 eP 16 53.93 -2.5
PMS 14.42 43 eP 17 04.20 -0.6
PWA 14.50 42 eP 17 07.40 1.7
PMR 14.77 42 eP 17 09.15 -0.2
0.9s 171.05nm 5.4mb
RND 15.86 37 (P) 17 24.31 0.8
KLU 16.10 45 ePd 17 22.10 -4.5X
IMA 16.16 25 ePd 17 28.87 1.5
0.8s 18.82nm 4.3mb X
TOA 16.25 43 eP 17 28.00 -0.5
FBA 17.12 34 eP 17 36.45 -2.8X
0.8s 8.81nm 3.9mb X
BRW 20.06 13 eP 18 12.08 -2.0
SIT 20.60 63 ePd 18 19.88 0.1
0.9s 101.97nm 5.2mb
INK 23.74 34 eP 18 48.00 -2.9
0.5s 61.00nm 5.4mb
PGC 29.60 78 eP 19 47.00 1.9
GMW 30.48 80 ePc 19 53.83 0.8
BMW 30.70 82 ePc 19 55.35 0.3
YKA 30.72 49 eP 19 54.70 -0.3
1.1s 33.70nm 5.1mb
MBC 30.84 21 eP 19 56.00 0.1
0.5s 10.00nm 4.9mb
RMW 31.11 79 ePc 19 59.23 0.6
KUSJ 31.24 271 eP 19 57.30 -2.4
LON 31.44 80 eP 20 02.19 0.7
SHW 31.44 82 eP 20 03.10 1.4
PNT 31.61 75 ePc 20 03.50 0.6
1.0s 91.00nm 5.6mb
ASAJ 31.97 274 eP 20 06.70 0.6
HON 32.29 158 P 20 20.00 11.0X
HOOJ 32.51 271 eP 20 10.30 -0.5
VGB 32.66 82 ePc 20 12.38 0.1
YAK 32.85 311 iPc 20 12.20 -1.3
1.1s 115.00nm 5.7mb
Z 21s 7.90um 5.4Msz
N 21s 7.00um
E 21s 7.10um
ePP 21 20.00
ePPP 21 40.00
iPcP 22 57.00
eS 25 32.00
eScP 26 37.00
ePcS 26 42.00
eSS 27 26.00
eSSS 28 14.00
ePSP 30 06.00
iScS 30 37.00
DPW 33.09 76 ePc 20 15.87 0.0
MRRJ 33.85 273 eP 20 19.80 -2.6
LBFM 34.23 89 ePc 20 26.27 0.2
WDC 34.28 91 eP 20 26.80 0.6
AOMJ 35.35 271 eP 20 36.40 1.1
OFUJ 35.44 268 eP 20 37.50 1.3
ORV 35.53 91 eP 20 36.94 0.0
SES 36.14 69 ePc 20 41.50 -0.5
0.6s 85.00nm 5.8mb
pP 20 49.00 25kmX
MHC 36.82 94 eP 20 53.35 5.4X
Z 20s 5.00um 5.3Msz
N 20s 2.70um
E 20s 5.00um
eLQ 29 13.00
eLR 30 45.80
ARN 36.88 94 ePc 20 49.13 0.7
YAMJ 37.01 268 eP 20 49.00 -0.4
CMB 37.15 92 iPc 20 51.65 1.0
LRM 37.53 76 eP 20 53.90 -0.1
PRS 37.64 95 ePc 20 55.47 0.8
LLA 37.72 95 ePc 20 56.37 1.0
KVN 37.93 89 eP 20 58.43 1.1
KAKJ 38.18 265 P 20 59.20 0.0
PRI 38.19 95 eP 20 59.55 0.0
NIIJ 38.23 267 P 21 00.10 0.5
HPI 38.27 79 eP 21 00.78 0.5
BONR 38.49 91 ePc 21 03.08 0.9
PHAM 38.56 95 eP 21 03.26 0.8
PKEM 38.59 95 eP 21 04.30 1.6
CHJJ 39.00 266 eP 21 06.00 -0.1
TNP 39.07 90 ePc 21 07.46 0.5
1.1s 63.63nm 5.3mb
MAT 39.17 267 iPc 21 07.10 -0.4
1.0s 50.00nm 5.2mb
eS 26 51.00
PTI 39.19 80 ePc 21 08.85 1.1
FFC 39.23 58 iPc 21 07.70 -0.1
1.2s 110.00nm 5.5mb
MTMJ 39.39 268 eP 21 11.20 1.8
HVU 39.57 82 ePc 21 11.36 0.4
ISA 39.85 94 eP 21 13.00 -0.3
ABL 39.93 95 eP 21 14.40 0.3
IIDJ 40.04 266 P 21 16.20 1.4
DUG 40.48 84 ePc 21 19.04 0.6
1.2s 109.74nm 5.5mb
SBB 40.89 94 eP 21 23.00 1.2
SSK 41.29 95 eP 21 25.92 0.7
DAU 41.30 82 ePc 21 26.08 0.7
RVR 41.64 95 eP 21 28.00 0.2
PEC 41.83 95 eP 21 29.54 0.0
1.0s 16.95nm 4.7mb
MSU 41.90 85 ePc 21 30.86 0.6
EMUT 41.93 83 ePc 21 31.08 0.6
WKYJ 42.30 267 eP 21 34.30 1.0
TPC 42.37 93 eP 21 34.00 0.1
PLM 42.38 95 ePc 21 34.74 0.5
SRU 42.54 83 ePc 21 35.59 0.2
YONJ 42.97 270 eP 21 39.60 0.9
TKSJ 43.41 268 eP 21 42.70 0.4
RSSD 43.46 73 P 21 42.80 -0.1
1.0s 79.50nm 5.4mb
Z 21s 36.46um 6.3Msz
GLA 43.84 94 ePc 21 46.12 0.3
SHNJ 45.12 270 eP 21 55.70 -0.4
GLD 45.37 79 P 22 07.00 8.8X
Z 18s 42.86um 6.4Msz
KUMJ 46.37 269 eP 22 07.00 1.0
KAGJ 47.26 267 P 22 14.40 1.3
ANMO 47.70 85 P 22 16.10 -0.7
1.1s 52.81nm 5.5mb
Z 18s 28.57um 6.3Msz
IRK 49.31 306 ePd 22 27.80 -0.9
1.3s 44.00nm 5.3mb
Z 16s 2.46um 5.3MszX
N 16s 1.97um

05d 13h

	E	18s		1.40um		
				e	22 49.40	
				e	23 51.00	
				e	24 41.00	
				eS	29 54.00	
				e	33 37.00	
				LR	41 12.00	
DAG		49.98	8	iPd	22 32.00	-1.5
		1.0s		33.00nm		5.3mb
BJI		50.31	287	eP	22 35.00	-1.5
		1.0s		15.00nm		5.0mb
	Z	24s		3.21um		5.3MszX
	N	14s		1.24um		
				eS	29 40.00	
ACO		50.99	78	iPc	22 41.90	0.2
GUMO		52.59	240	eP	22 53.20	-0.8
		0.7s		159.60nm		6.1mb
	Z	31s		1.60um		4.9MszX
PJG		52.59	240	eP	22 52.70	-1.3
GUA		52.61	240	eP	22 52.60	-1.5
		0.6s		101.33nm		6.0mb
MEO		52.61	80	iPc	22 53.10	-0.9
SSE		53.28	275	Pd	22 58.20	-0.8
		1.2s		154.00nm		5.9mb
	Z	20s		2.00um		5.2Msz
	N	18s		1.30um		
				pP	23 18.50	81kmX
				S	30 28.00	
SIO		53.33	77	ePd	22 58.00	-1.3
LNO		53.53	77	ePc	22 59.40	-1.2
				e	23 16.60	
TUL		53.53	77	ePc	22 59.50	-1.2
		1.0s		70.40nm		5.6mb
	Z	20s		1.30um		5.0Msz
	N	18s		1.53um		
	E	18s		1.48um		
				e	23 14.60	
				eS	30 36.00	
				LR	40 22.00	
RLO		53.81	76	ePd	23 01.20	-1.6
VVO		53.95	77	ePc	23 02.80	-1.0
FVM		55.29	71	ePc	23 11.15	-2.5
		1.0s		86.71nm		5.7mb
OLY		56.37	74	eP	23 18.53	-2.9X
ELC		56.47	71	ePc	23 19.56	-2.5
ELF		56.88	61	P	23 23.50	-1.5
DLA		56.97	61	P	23 24.85	-0.8
KEV		57.66	353	eP	23 27.00	-3.1X
		0.6s		20.90nm		5.4mb
CLE		57.93	62	iP	23 31.00	-1.4
PWLA		58.74	72	ePc	23 35.71	-2.4
LZH		60.15	291	Pc	23 46.50	-1.5
		1.2s		109.00nm		5.9mb
	Z	20s		4.79um		5.6Msz
	E	15s		2.19um		
				pP	24 09.50	91kmX
				sP	24 20.50	
				S	31 50.00	
				sS	32 36.00	
				SS	35 40.00	
GBTN		60.49	69	ePc	23 47.96	-2.2
TKL		60.75	69	eP	23 49.58	-2.3
BNH		61.10	54	eP	23 52.60	-1.6
BLA		61.54	65	eP	23 56.41	-0.9
		0.8s		48.63nm		5.7mb
CVL		62.07	63	eP	23 59.89	-0.9
TBR		62.08	58	eP	23 59.39	-1.4
PRM		62.68	69	eP	24 02.95	-1.9
EMM		62.83	51	eP	24 04.57	-1.1
JSC		63.17	68	iPc	24 06.36	-1.7
CEH		63.23	65	ePc	24 07.44	-1.0
LHS		63.28	68	iPc	24 07.42	-1.4
HBF		64.65	69	eP	24 16.72	-1.1
KAF		65.24	352	iP	24 19.30	-1.9
		0.5s		16.90nm		5.4mb
HNR		66.55	212	eP	24 33.00	2.9
NUR		66.97	352	eP	24 31.00	-1.2
		1.1s		64.80nm		5.6mb
	Z	21s		3.60um		5.6Msz
				LR	53 00.00	
NAO		67.28	359	P	24 32.00	-2.2
		1.1s		34.00nm		5.4mb
HFS		67.93	358	eP	24 37.20	-1.1
		0.4s		15.90nm		5.5mb
UPP		68.07	356	iP	24 37.20	-1.9
KMI		68.79	284	Pc	24 43.50	-0.9
		1.5s		160.00nm		5.9mb
	Z	20s		2.10um		5.4Msz
	N	15s		0.80um		
	E	15s		0.80um		
				eS	33 44.00	
				S	33 47.00	
OBN		70.73	344	iPd	24 54.00	-1.5
		1.4s		120.00nm		5.8mb
	Z	22s		5.50um		5.8Msz
	N	22s		3.90um		
	E	20s		1.70um		
				iPcP	25 15.00	
				e	25 30.00	
				i	25 55.50	
				eS	34 30.00	
				eSS	39 12.00	
PMG		71.44	225	eP	24 59.50	-0.7
EKA		72.26	8	Pd	25 04.00	-0.6
		1.1s		44.40nm		5.4mb
ETA		74.58	10	eP	25 18.00	-0.2
SHL		74.80	292	iPd	25 18.50	-1.6
ECP		75.07	10	eP	25 20.70	-0.3
		1.0s		107.00nm		5.8mb
LOE		75.26	279	eP	25 22.00	-0.6
CHG		75.86	282	iPc	25 25.90	-0.2
		1.0s		37.50nm		5.3mb
GUN		76.32	298	P	25 28.80	-0.2
KKN		76.74	298	P	25 30.40	-0.8
DZM		76.76	202	iPd	25 31.20	0.3
CLL		76.79	358	iPc	25 30.00	-0.7
		1.3s		31.00nm		5.2mb
PKI		76.84	298	P	25 31.00	-0.9
GKN		76.92	299	P	25 31.60	-0.5
DMN		76.98	298	P	25 32.00	-0.5
BDT		77.03	281	ePc	25 33.00	0.4
		1.0s		69.00nm		5.6mb
KSP		77.14	356	ePd	25 32.70	0.0
BNS		77.14	2	ePd	25 33.00	0.3
BRG		77.20	357	iPc	25 32.40	-0.6
		1.0s		50.00nm		5.5mb
	Z	20s		2.00um		5.4Msz
	N	20s		2.50um		
	E	20s		1.50um		
ENN		77.31	3	ePd	25 34.00	0.4
		1.0s		74.00nm		5.7mb
MEM		77.47	2	iPd	25 34.75	0.3
MOX		77.47	359	ePc	25 34.50	-0.1
		1.1s		44.00nm		5.4mb
	Z	20s		1.40um		5.3Msz
	N	21s		1.60um		
				eS	35 40.00	
SNF		77.52	4	iPd	25 35.85	1.1
NST		77.56	279	eP	25 40.50	5.0X
KRA		77.71	353	eP	25 35.00	-0.9
		1.0s		50.00nm		5.5mb
	Z	22s		3.30um		5.6Msz
	E	22s		2.40um		
DOU		77.94	3	P	25 37.60	0.5
PRU		78.06	357	P	25 38.00	0.2
		1.2s		23.00nm		5.1mb
	Z	22s		2.60um		5.5Msz
	N	20s		2.10um		
	E	19s		1.50um		
WLF		78.42	2	P	25 42.00	2.3
GRF		78.43	359	ePc	25 40.30	0.4
		1.2s		77.00nm		5.6mb
	Z	20s		1.30um		5.3Msz
PCI		78.55	253	ePd	25 36.50	-4.4X
				e	27 58.50	
SPC		78.55	353	iP	25 42.20	1.4
		1.0s		40.00nm		5.4mb
KHC		78.95	357	iPc	25 43.00	0.3
		1.3s		51.00nm		5.4mb
	Z	20s		2.90um		5.6Msz
	N	20s		2.20um		
	E	20s		0.80um		
				e	25 56.20	
				e	26 15.40	
WET		78.95	358	eP	25 42.90	0.2
		1.4s		67.00nm		5.4mb
FLN		78.99	7	eP	25 42.30	-0.6
		1.2s		41.65nm		5.3mb
	Z	20s		2.00um		5.4Msz
LDF		79.19	7	eP	25 43.30	-0.7
		1.0s		44.00nm		5.4mb
GEC2		79.23	357	PKP	25 42.20	-2.2
		1.1s		20.32nm		5.0mb
GRR		79.34	7	eP	25 44.30	-0.5
		1.0s		32.00nm		5.3mb
LPF		79.68	7	eP	25 46.50	-0.1
		1.2s		59.50nm		5.5mb
CDF		79.70	2	P	25 46.70	-0.2
ZST		79.74	355	iP	25 47.10	0.1
		0.9s		42.00nm		5.4mb
PSZ		79.84	353	eP	25 47.80	0.2
VITF		79.87	3	P	25 47.67	0.0
ECH		79.89	2	P	25 47.83	0.0
SRO		80.06	354	eP	25 49.60	1.0
				i	27 18.00	
HAU		80.09	2	iPc	25 48.70	-0.2
		1.0s		30.00nm		5.2mb
	Z	20s		3.25um		5.7Msz
NNT		80.19	278	eP	25 50.40	0.6
FEL		80.25	1	P	25 49.45	-0.4
NDI		80.25	305	iP	25 49.00	-1.0
MOF		80.26	2	P	25 49.48	-0.4
BSF		80.27	2	iPc	25 49.80	-0.1
		1.0s		40.00nm		5.4mb
BUD		80.34	354	eP	25 50.60	0.5
SLE		80.36	1	ePd	25 50.20	-0.1
LOR		80.74	4	iPc	25 52.20	-0.1
		1.0s		36.00nm		5.3mb
	Z	20s		3.75um		5.7Msz
LOMF		80.75	2	P	25 52.55	0.1
SQTA		80.91	359	iPc	25 53.60	0.3
		1.2s		64.70nm		5.5mb
				i	26 05.20	
SSF		80.93	4	iPc	25 53.40	0.1
		1.0s		48.00nm		5.4mb
KBA		81.01	358	iPc	25 54.60	0.6
		1.0s		90.20nm		5.7mb
				i	26 09.10	
LBF		81.03	4	iPc	25 53.80	-0.1
		1.0s		40.00nm		5.4mb
MFF		81.17	7	eP	25 54.80	0.3
		1.2s		86.30nm		5.6mb
VRI		81.19	348	ePc	25 53.50	-1.2
AVF		81.19	4	iPc	25 54.60	-0.1
		1.2s		72.90nm		5.6mb
UZD		81.25	354	e(P)	25 55.00	0.0
OGA		81.26	359	eP	25 56.40	1.1
LLS		81.26	1	ePd	25 56.00	0.7
SMF		81.36	4	iPc	25 55.50	-0.1
		1.2s		83.30nm		5.6mb
BGF		81.40	5	eP	25 55.80	0.0
		1.2s		65.45nm		5.5mb
OSS		81.45	360	ePd	25 56.90	0.7
LSF		81.63	6	iPc	25 57.00	0.0
TCF		81.63	5	iPc	25 57.00	0.0
		1.0s		14.00nm		4.9mb
VDL		81.65	0	ePd	25 58.40	1.1
MLR		81.66	349	ePc	25 57.00	-0.3
MAF		81.72	5	eP	25 57.60	0.1
		1.2s		41.65nm		5.3mb
MAIO		81.74	321	eP	25 58.00	0.2
AGO		81.92	5	P	25 58.97	0.5
CMP		81.98	349	ePd	26 01.00	2.1
BZS		B1.99	352	eP	26 01.00	2.2
PLDF		82.02	4	P	25 59.72	0.6
TMA		82.03	1	ePd	25 59.90	0.6
EMS		82.04	2	ePd	26 00.40	1.1
VOY		82.04	357	eP	25 59.30	0.1
MMK		82.07	1	ePd	26 00.90	1.3
CTI		82.08	359	P	25 59.30	-0.1
PTJ		82.09	356	eP	25 59.00	-0.5
PYM		82.21	5	P	26 00.31	0.2
VAI		82.27	1	P	26 00.50	0.3
CEY		82.32	357	eP	26 01.40	0.8
ORX		82.49	1	P	26 02.47	0.9
ORO		82.50	1	P	26 03.00	1.4
VBY		82.52	356	eP	26 02.60	1.0
RJF		82.57	6	eP	26 01.80	-0.1
		1.2s		35.70nm		5.3mb
	Z	20s		4.00um		5.8Msz
LPL		82.58	2	eP	26 03.30	1.1
		1.0s		16.00nm		5.0mb
LPG		82.60	2	eP	26 03.60	1.2
		1.0s		20.00nm		5.1mb
LSD		82.65	2	P	26 03.70	1.1
RIY		82.71	357	eP	25 58.80	-3.8X
LBL		82.74	5	P	26 03.47	0.6
SSB		82.75	4	P	26 03.23	0.3
BEO		82.88	352	eP	26 04.00	0.5
LFF		82.88	6	eP	26 03.80	0.3
		1.0s		28.00nm		5.3mb

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RSP     82.96   2 P      26 05.23   1.2
CAF     82.98   6 iPc    26 04.40   0.3
        1.0s    26.00nm          5.3mb
BNI     83.05   2 P      26 09.90   5.4X
LPO     83.17   6 eP     26 05.20   0.2
        1.0s    26.00nm          5.3mb
RRL     83.18   2 P      26 06.77   1.4
BHB     83.27   2 P      26 06.46   0.9
BOB     83.37   0 P      26 07.20   1.1
EMON    83.56  12 eP     26 07.65   0.6
PCP     83.59   1 P      26 06.98  -0.2
PZZ     83.60   2 P      26 08.82   1.4
ROB     83.83   1 P      26 08.11  -0.3
SNG     83.87 274 eP     26 07.00  -1.9
ENR     83.89   2 P      26 08.52  -0.3
FIN     83.92   1 P      26 08.21  -0.6
STS     83.93  13 iPd    26 09.42   0.5
BDI     84.07 359 P      26 10.20   0.5
SFI     84.20 358 P      26 11.70   1.5
IMI     84.21   1 P      26 10.16  -0.2
PGD     84.25 359 P      26 12.10   1.4
SBF     84.25   2 iPc    26 10.80   0.2
        1.0s   72.00nm          5.8mb
KVT     84.29 340 iP     26 11.80   1.0
KAS     84.47 342 eP     26 13.00   1.3
CRE     84.49 358 P      26 12.70   0.9
FRF     84.54   2 iPc    26 12.50   0.6
        1.2s  101.15nm          5.9mb
ARV     84.60 358 P      26 13.50   1.2
ERUA    84.61  13 iPc    26 13.06   0.7
QIS     84.62 226 eP     26 11.00  -1.5
LRG     84.64   2 iPc    26 13.20   0.8
        1.0s   48.00nm          5.6mb
      Z  20s    3.50um          5.7Msz
EPF     84.75   7 iPc    26 13.00  -0.1
        1.1s   41.50nm          5.5mb
LMR     84.76   2 iPc    26 13.60   0.6
        1.2s   89.25nm          5.8mb
LESF    84.82   6 P      26 14.12   0.7
ECRI    84.93   9 iPc    26 14.54   0.5
ENSF    84.98   7 P      26 15.44   1.1
DMK     85.02 347 eP     26 15.00   0.6
GRBF    85.03   6 P      26 15.10   0.6
ASS     85.03 358 P      26 14.90   0.4
EGRA    85.53   8 iPd    26 18.52   1.6
ITU     85.54 346 iPd    26 15.00  -2.0
ISK     85.57 345 iP     26 16.70  -0.4
PGF     85.58   1 iPc    26 17.70   0.4
        1.2s  181.50nm          6.2mb
SKO     85.62 351 iPc    26 17.50   0.1
        1.3s   93.00nm          5.8mb
      Z  23s    3.84um          5.7MszX
      N  22s    2.95um
      E  22s    2.36um
                LR       05 00.00
IPM     85.65 272 ePc    26 19.10   1.2
MAO     85.71 359 P      26 16.20  -1.6
HRT     85.71 345 iP     26 17.70  -0.2
AQU     85.73 357 P      26 19.60   1.6
YLV     86.01 345 iP     26 19 20  -0.3
AZI     86.09 357 P      26 19 90   0.2
VAY     86.15 350 iP     26 20.00   0.0
        1.2s   98.00nm          5.9mb
ALN     86.17 348 eP     26 20.30   0.2
IZI     86.22 345 iP     26 21.70   1.2
RMO     86.22 216 iPd    26 21 40   1.0
SRS     86.25 350 eP     26 20.34  -0.2
KNT     86.28 350 eP     26 21.10   0.5
SDI     86.36 357 P      26 20.00  -0.3
DUI     86.39 356 P      26 22 30   1.0
BNT     86.44 346 iP     26 21 20  -0.3
WB2     86.51 231 iPc    26 21 40  -0.5
        1.0s    9.40nm          5.0mb
WRA     86.52 231 P      26 21.50  -0.4
        0.6s    4.10nm          4.8mb
OHR     86.53 352 iP     26 21.70  -0.3
        1.3s  183.00nm          6.1mb
SOH     86.56 350 eP     26 22.30   0.2
GUD     86.70  11 iPc    26 23.05   0.1
ETOR    86.75   9 iPc    26 23.20   0.1
FNA     86.80 351 eP     26 22.46  -0.9
OUR     86.97 349 eP     26 23.94  -0.1
EPLA    87.04  12 iPc    26 24.77   0.3
LIT     87.37 350 eP     26 25.30  -0.7
PAIG    87.41 349 eP     26 25.14  -1.0
TOL     87.47  11 iPc    26 27.00   0.5
        1.1s   75.95nm          5.9mb
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                ePP      29 48.00
                eS       37 10.00
MGR     87.86 356 P      26 27.70  -0.6
OLP     88.01 220 eP     26 29.00   0.0
ECHE    88.06   8 iPd    26 30.09   0.7
AGG     88.45 350 eP     26 29.66  -1.6
TOV     88.66  76 eP     26 34.10   1.5
HYB     88.73 297 iPc    26 32.00  -0.9
        1.0s   80.00nm          6.0mb
ARMA    88.83 212 iPd    26 34.00   1.0
        1.0s   19.00nm          5.4mb
EVIA    88.86  10 iPc    26 33.56   0.2
SDV     88.87  77 eP     26 33.90   0.2
EBAN    89.19  11 iPd    26 35.44   0.7
EHOR    89.35  12 iPc    26 35.13  -0.4
EVAL    89.39  13 iPc    26 35.12  -0.6
ECOG    90.09  11 iPd    26 38.96  -0.2
EPRU    90.20  12 iPd    26 39.87   0.3
POO     90.34 301 iPc    26 40.00  -0.4
EGUA    90.53  11 iPd    26 41.18   0.1
MAL     90.54  11 iPc    26 41.00   0.0
GUAN    90.97  72 iP     26 44.20   0.7
CMS     91.81 216 eP     26 47.00   0.4
HRI     91.87 338 eP     26 46.60  -0.7
DSI     93.58 338 eP     26 53.80  -1.3
STK     93.77 219 eP     27 06.30  10.7X
        1.1s    3.60nm
PRNI    94.84 338 iPd    26 59.90  -1.1
TIC    119.99  17 PKP    32 29.58  -0.5
        1.1s   14.00nm
KIC    120.32  17 PKP    32 30.10  -0.6
        0.9s    7.50nm
LIC    120.40  17 PKP    32 30.36  -0.5
BCAO   123.05 350 iPKPd  32 36.00   0.1
        0.8s   11.00nm
                i        34 25.00
SPA    142.06 180 ePKP   33 09.00  -1.4
        0.6s   11.79nm
BUL    144.76 328 iPKPd  33 14.30  -2.1
        1.0s   74.50nm
WIN    149.84 346 iPKPc  33 26.00   1.4
        1.0s   45.00nm
SLR    150.05 325 iPKPc  33 24.00  -0.7
        1.2s  234.38nm
      Z  20s    2.48um          6.0Msz
                i        33 30.00
MAW    150.45 218 e(PKP)33 29.00   5.2X
KIM    154.01 329 iPKPc 33 31.00   0.6
                i        33 39.00
FRS    154.76 327 ePKP   33 28.20  -2.9X
        0.9s   25.21nm
                i        33 35.60
HVD    155.48 326 e(PKP)33 31.00  -1.3
CER    159.91 336 ePKP   33 38.00   0.6
        1.0s   40.00nm
NVL    161.39 182 (PKP) 33 37.00  -0.6
      Z  20s    3.10um
      N  20s    2.50um
      E  20s    1.00um
                e        34 21.50
                e        34 47.00
      S.D. = 1.0  on 320 of 335 obs.
-----------------------------------
*  FEB  05, 1992  13h 14m 26.78± 0.82s
    5.771 S ±11.9km  147.620 E ± 8.7km
    DEPTH = 137.2 ±  8.4 km
    5.0mb (  4 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

LAT      1.07 215 iPc    14 51.50   0.2
                eS       14 54.60
YYYY     1.71 254 eP     14 59.70   1.4
                eS       15 25.10
MDG      1.90 286 iPd    14 59.60  -0.8
PMG      3.64 187 eP     15 21.50  -1.2
                eS       16 06.00
MNDI     3.96 264 eP     15 27.00  -0.2
RAB      4.80  71 iPd    15 38.30   0.1
        0.5s  1746.48nm
HNR     12.75 107 eP     17 34.00   9.7X
QIS     16.63 207 iPc    18 14.00   0.7
        0.4s    5.00nm          4.2mb
                eS       21 17.00
MTN     17.72 245 eP     18 25.50  -1.0
WB2     19.10 221 iPd    18 41.10  -0.5
        0.3s   51.40nm          5.3mb
                eS       22 09.90
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```
ASPA    22.16 215 iPc    19 13.40   1.1
        0.4s   20.30nm          4.9mb
                iS       23 09.50
WARB    28.52 222 eP     20 12.00   0.5
FORR    30.96 214 iPd    20 32.50  -0.5
        0.2s    7.00nm          5.0mb
      S.D. = 1.0  on  12 of  13 obs.
-----------------------------------
%  FEB  05, 1992  13h 39m 38.31± 0.77s
    40.144 N ±10.6km   28.879 E ± 6.8km
    DEPTH =  33.0km  (normol)
 TURKEY                            (366)

KCT      0.41 285 iPg    39 48.60   0.9
IZI      0.49  67 ePg    39 48.20  -0.7
                eSg      39 57.20
YLV      0.57  42 iPg    39 49.70  -0.2
DST      0.57 200 iPg    39 50.20   0.2
BNT      0.76 286 iPg    39 51.70  -0.9
HRT      0.91  41 iPg    39 55.70   1.0
                eSg      40 07.70
KGT      1.24 285 ePn    39 59.20  -0.3
      S.D. = 0.9  on   7 of   7 obs.
-----------------------------------
    FEB  05, 1992  14h 00m 56.49± 0.69s
    43.413 N ± 4.7km    5.439 E ± 5.3km
    DEPTH =  10.0km  (geophysicist)
 NEAR SOUTH COAST OF FRANCE        (379)
      ML 3.1 (STR).

GELF     0.03 196 Pg     00 58.11  -0.4
BERF     0.21 118 Pg     01 01.40   0.3
TREF     0.22 349 Pg     01 00.71  -0.5
PUYF     0.22  58 Pg     01 00.72  -0.6
CDR      0.35  42 ePgd   01 02.70  -1.1
                iSg      01 07.30
PRAF     0.44 334 Pg     01 05.97   0.5
VILF     0.48  24 Pg     01 05.75  -0.6
TAVF     0.49  65 Pg     01 06.14  -0.4
CALN     1.11  72 Pg     01 18.15   0.8
MVIF     1.33  68 Pn     01 21.09  -0.1
                Sg       01 40.99
TOUF     1.44  65 Pn     01 23.39   0.5
                Sg       01 43.39
AURF     1.45  70 Pn     01 23.67   0.8
                Sg       01 44.52
AUTN     1.56  67 Pn     01 25.02   0.6
SAOF     1.64  69 Pn     01 25.60   0.1
DOI      1.70  49 P      01 27.50   1.1
                eSg      01 51.50
CKI      2.29  63 P      01 38.50   3.6X
                eSn      02 07.00
PGF      2.75 107 Pn     01 40.41  -1.2
      S.D. = 0.7  on  16 of  17 obs.
-----------------------------------
    FEB  05, 1992  14h 21m 12.04± 0.75s
    14.645 N ± 5.2km   92.591 W ± 4.1km
    DEPTH =  75.8 ±  6.2 km
    4.9mb ( 43 obs.)
 NEAR COAST OF CHIAPAS, MEXICO   ( 69)
      Mo=2.0*10**17 Nm (PPT).
      CENTROID, MOMENT TENSOR    (HRV)
      Data Used: GDSN
      L.P.B.: 22S, 40C
      Centroid Location:
      Origin Time        14:21:11.2 0.6
      Lat 14.43N 0.05 Lon  92.71W 0.05
      Dep  56.9 4.3 Half-duration  1.9
      Moment Tensor;   Scale 10**17 Nm
        Mrr=-1.29 0.08  Mtt= 0.91 0.11
        Mff= 0.38 0.15  Mrt= 0.41 0.10
        Mrf=-1.38 0.12  Mtf=-0.71 0.09
       Principal Axes:
        T  Val=  1.86  Plg=22  Azm= 45
        N        0.20       18       143
        P       -2.06       61       270
      Best Double Couple:Mo=2.0*10**17
       NP1:Strike=105 Dip=28 Slip=-132
       NP2:        330      69       -70

SCX      2.08 359 iPc    21 48.41   2.9
                iS       22 10.00
PBJ      3.25 304 iP     21 56.00  -5.7X
                iS       22 28.00
OXX      4.66 302 iP     22 19.50  -2.2
                iS       23 04.00
LVVM     6.26 324 iP     22 39.00  -4.8X
```

05d 14h

			iS	23	42.00		NWRM	35.73	317	P	28	06.10	0.8		1.2s	17.85nm		4.9mb					
IISM	6.30	314	iP	22	41.00	-3.3X	MIM	36.42	28	P	28	10.10	-0.9	CAF	83.05	46	eP	33	29.60	-1.0			
SRP	6.52	311	(P)	22	41.00	-6.4X	LBFM	36.79	322	P	28	14.80	0.4		1.0s	12.00nm		4.8mb					
IIT	6.99	309	iP	22	53.66	-0.5	SES	38.68	341	ePd	28	30.50	0.5	MAF	83.09	44	eP	33	29.80	-1.0			
PPM	7.26	308	iP	22	57.14	-1.0				pP	28	46.00	61kmX		1.2s	14.90nm		4.8mb					
			iS	24	10.00		NEW	39.17	334	iP	28	34.00	-0.1	BGF	83.19	44	eP	33	30.20	-1.1			
IIA	7.33	308	iP	22	57.95	-0.7		1.3s	18.40nm			4.8mb		AVF	83.47	43	eP	33	31.40	-1.3			
IIA	7.33	308	(P)	22	59.95	1.3				pP	28	50.00	64kmX		1.0s	10.00nm		4.7mb					
ACX	7.34	289	iP	22	54.72	-4.0X	DPW	39.34	333	P	28	36.10	0.6	SSF	83.51	43	eP	33	31.80	-1.1			
III	7.57	300	iP	23	00.01	-2.1	LON	40.24	329	P	28	43.60	0.6		1.0s	10.00nm		4.7mb					
			(S)	24	22.50		FFC	40.66	352	eP	28	45.00	-1.2	LOR	83.69	43	eP	33	32.90	-0.9			
UNM	7.84	307	(P)	23	05.50	-0.4		0.6s	12.00nm			4.9mb			1.1s	22.00nm		5.1mb					
TAC	7.89	308	(P)	23	06.00	-0.6	RMW	40.73	329	P	28	49.80	2.8X	SMF	83.84	44	eP	33	33.10	-1.5			
TAC	7.89	308	(P)	23	08.00	1.4	BMW	40.79	327	P	28	43.40	-4.0X		1.2s	13.40nm		4.8mb					
MRX	9.64	303	iP	23	29.05	-1.1	PNT	41.04	333	iPd	28	50.60	1.2	LBF	83.84	43	eP	33	33.20	-1.4			
COLM	11.54	295	iPd	23	54.00	-2.0		0.8s	54.00nm			5.4mb			0.9s	8.20nm		4.7mb					
CGX	11.54	297	(P)	23	55.17	-0.9	CCH	41.15	140	P	28	53.20	2.2	NB2	83.85	28	P	33	34.40	0.0			
CGX	11.54	297	(P)	23	57.17	1.1	GMW	41.28	329	P	28	50.90	-0.5		0.8s	5.50nm		4.6mb					
AGX	11.69	309	(P)	23	58.00	0.1	MCW	42.07	330	P	28	58.50	0.6	ENN	84.08	39	eP	33	35.50	-0.2			
GUM2	11.83	302	(P)	23	58.00	-1.9	PGC	42.35	330	eP	29	01.00	0.9		0.8s	9.00nm		4.8mb					
UPA	13.96	112	eP	24	20.00	-7.8X	YJA	45.21	144	e(P)	29	05.00	-19.0X			e		33	56.00				
PCJ	15.13	76	iPd	24	49.34	6.4X	YKA	50.27	347	eP	30	02.00	-0.4	HFS	85.32	29	eP	33	41.20	-0.5			
BBJ	15.16	74	iPd	24	52.89	9.6X		1.1s	33.10nm			5.3mb			0.5s	2.10nm		4.4mb					
STH	15.52	75	iPd	24	47.02	-0.9	RTCB	51.24	154	iPc	30	29.00	18.8X	BSF	85.45	42	eP	33	42.00	-0.8			
YHJ	15.79	76	iPd	24	56.76	5.5X	CFA	51.58	153	iPc	30	14.00	1.2		1.2s	11.90nm		4.8mb					
PSO	20.15	130	eP	25	47.00	3.8X	TCA	53.04	150	ePc	30	24.00	0.3	CDF	85.59	41	eP	33	43.20	-0.2			
PWLA	20.65	11	P	25	50.90	3.1X	BAO	53.36	123	Pd	30	27.00	0.7		1.0s	8.00nm		4.7mb					
MEO	20.77	346	iPd	25	47.20	-1.8				e	30	43.50		TIC	86.01	84	P	33	46.18	0.2			
BOG	20.78	117	eP	25	55.00	5.4X	RFA	54.22	155	iPc	30	33.50	1.2		1.0s	7.00nm		4.7mb					
			eS	29	52.00		VAO	58.25	129	eP	31	01.60	0.3	LPG	86.10	44	eP	33	46.50	0.2			
OLY	20.79	3	P	25	52.60	3.4X				e	31	20.40			1.2s	13.40nm		4.9mb					
VVO	20.80	353	e(P)	25	50.90	1.7	BALM	58.41	334	eP	31	02.50	0.5	LIC	86.10	85	P	33	46.68	0.2			
SIO	21.28	352	e(P)	25	55.10	1.1				pP	31	20.90	71kmX		0.9s	11.00nm		4.9mb					
TUL	21.37	353	ePc	25	56.80	1.8	PDCR	59.44	114	eP	31	11.40	1.8	KIC	86.35	84	P	33	47.98	0.3			
	0.3s	10.10nm				4.7mb				e	31	27.20			0.8s	14.50nm		5.1mb					
	Z 20s	1.72um				4.4Msz	INK	59.66	344	eP	31	10.00	-0.3	MOX	87.56	38	eP	33	53.20	0.3			
	N 14s	0.79um						0.5s	37.00nm			5.8mb				e		34	48.80				
	E 18s	1.43um								pP	31	29.00	73kmX	GRF	87.65	39	eP	33	54.20	0.9			
			e	26	01.40		KLU	60.15	334	P	31	14.10	0.2			e		34	26.10				
			Lg	29	47.70		TOA	60.53	334	eP	31	17.80	1.3	GEC2	89.47	39	PKP	34	01.40	-0.7			
			LR	30	16.00		PMR	61.58	333	ePd	31	24.00	0.5		1.0s	2.22nm		4.3mb					
LNO	21.37	353	ePc	25	56.30	1.4		1.3s	92.20nm			5.7mb		KRA	92.69	37	eP	34	16.00	-0.8			
			e	26	01.40					pP	31	40.90	64kmX	YAK	96.67	341	eP	34	34.30	-0.5			
			Lg	29	44.10		SLKM	61.66	332	eP	31	23.70	-0.4		1.1s	30.00nm		5.7mb					
PRM	21.45	24	P	25	55.90	0.1				pP	31	41.00	65kmX	FRS	121.20	116	ePKP	39	54.20	-4.1X			
RLO	21.54	355	eP	25	56.10	-0.6	KDC	61.81	328	eP	31	25.70	0.6		0.7s	17.12nm							
JSC	22.07	26	P	26	02.60	0.7	FBA	62.43	337	eP	31	29.10	0.0			i		39	58.00				
SDV	22.24	102	eP	26	03.70	-0.2		1.3s	49.50nm			5.4mb		HVD	121.34	117	ePKP	40	03.70	4.9X			
GBTN	22.24	18	P	26	05.70	2.1				pP	31	46.00	63kmX	LZH	127.21	343	ePKP	40	11.50	1.5			
TKL	22.37	19	P	26	07.30	2.4				sP	32	08.00			1.3s	27.00nm							
LHS	22.43	26	P	26	06.20	0.7	RSO	62.82	331	P	31	31.50	-0.5			pP		40	21.00				
ACO	22.73	346	iPd	26	09.70	1.3	MBC	63.21	353	eP	31	34.50	0.5			sP		40	27.00				
ELC	22.75	7	P	26	09.50	1.0		1.0s	14.00nm			4.9mb		STK	127.87	241	iPKPd	40	20.80	9.7X			
TOV	22.79	100	eP	26	10.60	1.4	PDB	63.29	330	P	31	33.90	-0.9		0.6s	3.60nm							
FVM	23.33	4	eP	26	13.50	-0.7	SVW	64.35	331	iPd	31	41.50	-0.3	QIS	130.07	255	ePKP	40	15.00	-0.6			
			pP	26	25.00	45kmX		0.7s	37.90nm			5.4mb			0.7s	3.00nm							
CEH	24.37	27	P	26	24.80	0.5				pP	31	58.70	64kmX	QUE	131.26	24	ePKP	40	19.50	1.6			
BLA	24.95	24	P	26	29.10	-0.7	TTA	65.07	333	ePd	31	46.10	-0.4	WB2	134.98	256	iPKPc	40	25.20	0.2			
GLA	27.27	316	eP	26	51.00	-0.3		1.0s	34.90nm			5.2mb			0.6s	8.90nm							
CLE	28.42	18	iP	27	16.70	15.2X	IMA	65.15	337	eP	31	46.70	-0.3			e		44	05.50				
TPC	28.72	317	eP	27	04.00	-0.3	BRW	68.05	342	ePd	32	05.70	0.6	NDI	135.81	13	ePKP	40	27.50	1.2			
PLM	28.83	314	iPc	27	06.00	0.4	ANM	69.49	334	eP	32	15.00	0.9	GKN	137.52	4	PKP	40	23.20	-6.6X			
SRU	29.04	330	P	27	07.50	0.2	DAG	72.15	13	iPd	32	29.70	-0.2	GUN	137.67	2	PKP	40	23.60	-6.7X			
PEC	29.34	315	P	27	09.90	-0.1		0.7s	10.27nm			4.9mb		KMI	137.74	339	ePKP	40	30.80	0.4			
MSU	29.40	328	P	27	10.60	0.0	EKA	77.78	36	P	33	01.00	-1.4		1.4s	40.00nm							
RVR	29.55	315	eP	27	12.00	0.3		1.0s	17.50nm			4.9mb				pP		40	34.00				
EMUT	29.73	331	P	27	13.80	0.2	LPF	80.29	43	eP	33	13.50	-2.6	SHL	139.80	354	ePKP	40	33.50	-0.5			
MWC	30.15	315	eP	27	17.00	-0.2		0.8s	12.10nm			4.9mb		TSM	144.42	300	ePKPd	40	41.50	-0.6			
SBB	30.25	316	eP	27	18.00	0.0	GRR	80.34	43	eP	33	14.20	-2.2	CHG	144.87	341	ePKPd	40	41.50	-1.3			
LVNJ	30.34	27	P	27	17.90	-0.7		1.0s	24.00nm			5.1mb			1.5s	48.61nm							
DAU	30.41	331	P	27	20.40	0.8	FLN	80.51	42	eP	33	15.40	-1.9	COOL	145.12	237	ePKP	40	42.00	-0.9			
TBR	30.86	28	P	27	22.10	-1.0		0.9s	13.10nm			4.9mb		LOE	145.16	336	iPKPd	40	43.00	-0.3			
DUG	30.99	329	P	27	25.10	0.5	LDF	80.78	42	eP	33	16.80	-1.9	PCI	145.17	290	ePKPd	40	44.50	1.1			
ISA	31.25	317	eP	27	27.00	0.3		0.9s	16.40nm			5.0mb				e		42	13.50				
BW06	31.61	336	eP	27	29.70	-0.3	MFF	81.17	44	eP	33	19.80	-1.0	BDT	146.31	340	ePKPc	40	46.50	1.3			
	1.3s	38.93nm				5.0mb		1.0s	10.00nm			4.7mb			1.0s	200.10nm							
			pP	27	44.90	62kmX	LFF	82.13	46	eP	33	24.90	-0.9	RKG	146.76	228	ePKP	40	48.00	2.5X			
TNP	31.93	322	P	27	33.30	0.4		1.0s	20.00nm			5.0mb		HYB	146.97	16	ePKPd	40	47.50	1.2			
HVU	32.19	331	P	27	35.50	0.4	EPF	82.27	48	eP	33	26.00	-0.7		1.0s	50.00nm							
NPI	32.36	332	P	27	50.40	13.9X		1.3s	25.25nm			5.0mb				e		41	06.00				
BONR	32.51	320	P	27	39.00	0.9	LSF	82.38	44	eP	33	25.80	-1.3	NST	147.36	337	ePKP	40	55.00	8.1X			
PHAM	32.64	315	P	27	39.40	0.6		1.2s	14.90nm			4.8mb		MUN	148.57	232	iPKPd	40	52.70	4.3X			
PTI	32.87	333	P	27	41.50	0.6	LPO	82.50	46	eP	33	26.70	-1.0	KHT	148.74	339	ePKP	40	50.50	1.4			
KVN	33.09	322	P	27	43.80	0.9		1.1s	19.55nm			4.9mb		BAL	148.77	234	iPKPd	40	53.00	4.2X			
CMB	33.87	319	P	27	49.80	0.3	RJF	82.58	45	eP	33	27.30	-0.9		0.7s	51.00nm							
ARN	34.23	317	P	27	52.80	0.2		1.2s	17.85nm			4.9mb		NNT	150.32	335	ePKP	40	55.00	3.5X			
ORV	35.47	320	P	28	04.00	0.9	TCF	82.83	44	eP	33	28.20	-1.3		S.D. = 1.0	on 146 of 175 obs.							

% FEB 05, 1992 14h 43m 05.61± 1.46s
39.777 N ±10.6km 28.024 E ± 8.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST 0.50 110 iPg 43 15.60 -0.1
iSg 43 22.60
KCT 0.54 28 iPg 43 16.60 0.1
EDC 0.58 348 ePg 43 17.00 -0.4
BNT 0.58 352 iPg 43 17.10 -0.3
KGT 0.87 321 ePn 43 22.70 0.4
IZI 1.24 63 iPn 43 28.60 -0.2
YLV 1.30 52 iPn 43 30.10 0.4
S.D. = 0.4 on 7 of 7 obs.

? FEB 05, 1992 15h 08m 51.09± 1.16s
32.294 S ± 8.3km 69.204 W ±16.7km
DEPTH = 33.0km (normal)
MENDOZA PROVINCE, ARGENTINA (139)

RTBS 0.67 341 iPd 09 04.20 0.2
S 09 43.80
ZON 0.87 31 iPd 09 07.60 0.6
eS 09 20.60
RTCB 0.88 23 iPd 09 06.20 -0.9
S 09 28.00
CFA 1.07 50 iPc 09 10.00 0.2
RFA 2.55 166 iPc 09 31.00 0.0
S.D. = 0.8 on 5 of 5 obs.

& FEB 05, 1992 15h 46m 30.73s
61.363 N 146.708 W
DEPTH = 18.9km
SOUTHERN ALASKA (2)
<AEIC>. ML 2.5 (AEIC).

VLZ 0.30 142 iPc 46 37.17 -0.1
eS 46 42.39
VZW 0.31 166 iPc 46 37.57 -0.1
eS 46 43.36
KLU 0.40 71 iPd 46 38.55 -0.6
eS 46 44.84
GLI 0.52 201 iPc 46 40.31 -0.8
eS 46 48.47
FID 0.63 170 ePc 46 42.18 -0.7
eS 46 51.82
TOA 0.79 19 iPd 46 44.81 -0.8
eS 46 56.93
KNK 0.84 274 iPc 46 45.58 -1.0
eS 46 57.30
SML 0.90 301 iPc 46 45.92 -1.6
eS 46 58.46
TZL 0.92 41 eP 46 46.82 -1.0
eS 46 58.63
SGAM 1.13 139 iPc 46 49.50 -2.0
eS 47 05.06
GHO 1.14 292 iPc 46 49.89 -1.7
S 47 06.05
PLRM 1.19 282 iPc 46 50.60 -1.6
S 47 07.31
PMR 1.19 282 P 46 50.22 -2.0
S 47 06.83
SDG 1.29 25 iPd 46 52.18 -1.6
eS 47 08.39
PMS 1.38 266 iPc 46 53.93 -1.2
eS 47 11.76
GLB 1.40 85 ePc 46 53.17 -2.1
eS 47 11.38
LTI 1.44 204 eP 46 54.44 -1.4
MTU 1.46 199 ePd 46 54.77 -1.3
PWA 1.55 282 ePc 46 56.24 -1.2
eS 47 18.40
PAX 1.72 19 eP 46 58.86 -1.1
KAIM 1.83 141 eP 46 59.83 -1.7
CROM 1.84 108 eP 47 00.64 -1.2
SEW 1.85 228 eP 46 59.82 -1.9
SLKM 1.92 245 ePc 47 01.44 -1.4
eS 47 25.50
SUA 1.94 275 eP 47 02.19 -1.1
TGL 1.98 106 ePc 47 01.72 -2.1
eS 47 27.30
CUT 1.98 303 iPc 47 02.96 -0.8
S 47 28.70
HUR 2.12 321 eP 47 05.10 -0.7
eS 47 31.52
BALM 2.14 97 ePc 47 03.61 -2.5
S 47 30.87
RND 2.28 335 ePd 47 07.19 -0.9
SKT 2.38 287 ePc 47 07.88 -1.6
SPU 2.59 268 eP 47 10.60 -1.9
MCK 2.59 338 eP 47 11.85 -0.7
YAH 2.63 110 eP 47 11.37 -1.8
CRP 2.63 270 eP 47 12.95 -0.2
CTGM 2.64 96 eP 47 11.64 -1.6
WRG 2.66 118 eP 47 13.13 -0.3
TRF 2.68 323 eP 47 12.30 -1.5
BGL 2.74 270 eP 47 13.30 -1.4
RDT 2.89 257 eP 47 14.37 -2.3
CNPM 2.90 233 eP 47 14.95 -1.9
KTH 2.94 320 eP 47 17.04 -0.4
DFR 3.02 258 eP 47 17.37 -1.1
REF 3.05 256 eP 47 16.93 -2.2
HDA 3.06 358 eP 47 19.19 0.2
RSO 3.09 256 eP 47 17.75 -1.9
RS2 3.09 256 eP 47 17.66 -2.0
RS1 3.09 256 eP 47 17.47 -2.2
RDW 3.11 256 eP 47 16.94 -3.0
RED 3.11 255 eP 47 17.41 -2.5
INE 3.39 250 eP 47 21.17 -2.6
INW 3.41 250 eP 47 22.05 -2.1
FBA 3.59 353 (P) 47 26.42 -0.1
S 48 10.33
MDM 3.68 350 eP 47 27.31 -0.6
PDB 4.02 250 P 47 29.15 -3.5
S 48 14.36
MLY 4.11 335 eP 47 32.16 -1.8
IMA 5.65 330 P 47 51.65 -4.2
57 obs. associated

* FEB 05, 1992 15h 53m 08.78± 1.46s
5.835 S ± 9.6km 153.152 E ±14.6km
DEPTH = 43.2 ± 15.5 km
4.8mb (6 obs.)
NEW IRELAND REGION, P.N.G. (190)

RAB 1.90 329 eP 53 40.00 0.6
PMG 6.92 239 eP 54 56.00 5.6X
eS 56 16.00
HNR 7.62 118 eP 55 00.00 -0.2
eS 55 35.00
OIS 19.67 221 eP 57 37.00 -0.3
0.8s 11.00nm 4.2mb
DZM 20.63 143 iPc 57 43.00 -4.4X
RMQ 20.96 191 eP 57 49.00 -1.6
ARMA 24.50 183 iPd 58 25.40 -0.1
0.7s 8.00nm 4.4mb
CMS 26.43 194 eP 58 43.80 0.4
i 58 47.00
CHG 58.75 296 eP 03 05.50 0.3
CHTO 58.75 296 eP 03 04.90 -0.3
1.7s 16.77nm 4.9mb
LZH 62.21 316 Pd 03 29.00 0.2
1.5s 28.00nm 5.2mb
pP 03 37.50 28kmX
YAK 70.03 348 eP 04 16.00 -1.9
1.5s 33.00nm 5.1mb
GUN 72.95 301 P 04 36.80 0.3
PKI 73.26 301 P 04 38.00 -0.3
KKN 73.43 301 P 04 38.80 -0.4
DMN 73.53 301 P 04 40.00 0.2
GKN 74.04 301 P 04 42.60 0.0
SPA 84.20 180 iPc 05 39.90 3.0
1.1s 11.31nm 4.9mb
GEC2 125.11 328 PKPc 12 04.40 -2.0X
1.1s 1.52nm
S.D. = 1.2 on 16 of 19 obs.

? FEB 05, 1992 16h 15m 22.11± 1.09s
6.953 N ±15.1km 127.471 E ±12.6km
DEPTH = 33.0km (normal)
4.7mb (4 obs.)
PHILIPPINE ISLANDS REGION (248)

PCI 10.91 225 ePc 17 59.00 0.0
e 20 36.40
KNA 22.59 177 eP 20 21.40 0.2
0.7s 20.00nm 4.7mb
IPM 26.41 266 ePc 20 58.20 0.3
WB2 27.57 166 iPc 21 08.20 -0.1
0.4s 8.10nm 4.7mb
OIS 29.83 157 eP 21 29.00 0.4
0.4s 5.00nm 4.6mb
CHTO 30.15 296 eP 21 31.30 -0.3
0.6s 0.56nm 3.5mb X
ASPA 31.07 169 iPd 21 38.90 -0.7
0.4s 4.60nm 4.6mb
STK 40.90 162 Pd 23 13.90 10.9X
0.7s 1.60nm
ARMA 43.79 149 eP 23 27.00 0.3
S.D. = 0.4 on 8 of 9 obs.

* FEB 05, 1992 16h 27m 51.74± 0.62s
3.065 N ± 9.8km 128.527 E ±11.8km
DEPTH = 33.0km (normal)
4.4mb (6 obs.)
NORTH OF HALMAHERA, INDONESIA (264)

PCI 9.54 246 ePc 30 11.00 1.1
e 32 22.50
WB2 23.57 166 iPc 33 00.40 0.0
0.9s 21.20nm 4.7mb
OIS 25.87 156 eP 33 23.00 0.6
0.3s 3.00nm 4.4mb
ASPA 27.08 169 iPd 33 32.20 -1.3
0.5s 4.20nm 4.3mb
CHG 32.90 301 eP 34 25.00 -0.3
CHTO 32.90 301 eP 34 25.00 -0.3
1.1s 3.53nm 4.2mb
pP 34 42.00 71kmX
STK 36.91 161 eP 35 08.60 9.3X
0.3s 3.60nm 4.7mb
GUN 47.57 306 P 36 27.00 0.1
PKI 47.82 305 P 36 28.40 -0.4
KKN 48.01 305 P 36 30.00 -0.1
DMN 48.08 305 P 36 31.00 0.2
GKN 48.61 305 P 36 35.20 0.5
HYB 51.03 290 eP 36 52.00 -1.2
YKA 99.35 25 eP 41 32.90 1.1
0.6s 0.20nm 3.8mb
S.D. = 0.8 on 13 of 14 obs.

? FEB 05, 1992 17h 14m 59.94± 3.38s
37.219 N ±23.0km 20.516 E ±23.3km
DEPTH = 33.0km (normal)
IONIAN SEA (399)
ML 4.1 (ATH).

VLS 0.96 3 ePg 15 19.00 1.9
VLI 2.00 104 ePb 15 33.00 0.9
AGG 2.30 38 ePb 15 36.50 0.2
eSb 16 03.82
IGT 2.31 356 ePn 15 42.02 5.5X
eSn 16 10.66
KEK 2.55 347 eP 15 38.00 -1.9
ATH 2.65 73 ePn 15 40.00 -1.3
KZN 3.24 17 eP 15 52.00 2.4X
LIT 3.27 28 ePn 15 51.86 1.8
eSn 16 27.26
PAIG 3.67 42 iPn 15 55.42 -0.3
OHR 3.89 3 ePn 16 01.20 2.2X
OUR 4.12 40 ePn 16 00.78 -1.4
SOH 4.22 31 ePn 16 03.42 -0.2
VAY 4.40 21 iPn 16 09.70 3.6X
SKO 4.80 8 ePn 16 12.00 0.2
IZM 5.47 76 eP 16 38.00 16.7X
MLR 9.21 25 eP 17 40.00 26.4X
VRI 9.81 26 eP 17 56.00 34.2X
S.D. = 1.5 on 10 of 17 obs.

& FEB 05, 1992 18h 09m 24.64s
61.019 N 146.515 W
DEPTH = 14.4km
3.3mb (1 obs.)
SOUTHERN ALASKA (2)
<AEIC>. ML 3.0 (AEIC), 3.3
(PMR).

VZW 0.04 335 iPd 09 27.74 0.2
VLZ 0.14 38 iPd 09 28.52 0.1
FID 0.27 176 iPc 09 30.69 0.0
eS 09 35.05
GLI 0.32 244 iPd 09 30.27 -1.2
eS 09 35.12
KLU 0.56 31 iPd 09 34.57 -1.1
eS 09 41.63
SGAM 0.83 128 iPc 09 39.32 -0.9
KNIM 0.90 222 P 09 41.00 -0.5
KNK 1.02 294 iPc 09 42.73 -0.8
eS 09 56.66
TOA 1.10 8 P 09 43.70 -1.3

05d 18h

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TZL      1.15  26 eP     09 44.74  -1.1
MTU      1.18 209 eP     09 45.25  -1.0
                 eS     10 00.23
SML      1.18 313 eP     09 44.43  -1.9
                 eS     10 01.38
LTI      1.18 215 iPd    09 45.52  -0.8
                 eS     10 03.56
GLB      1.38  71 eP     09 47.73  -1.6
                 eS     10 06.05
GHO      1.38 304 iPc    09 48.26  -1.2
                 eS     10 05.75
PLRM     1.39 296 iPc    09 48.16  -1.3
                 eS     10 06.43
PMR      1.39 296 iPc    09 48.80  -0.6
PMS      1.50 280 P      09 50.20  -0.8
KAIM     1.51 136 eP     09 51.51   0.3
SDG      1.58  17 ePc    09 51.20  -1.1
CROM     1.67  98 ePd    09 53.66  -0.1
                 eS     10 15.79
SEW      1.72 239 eP     09 53.15  -1.0
                 eS     10 15.18
PWA      1.74 293 P      09 53.90  -0.6
TGL      1.82  97 iPd    09 55.44  -0.4
                 eS     10 19.00
SLKM     1.89 256 ePd    09 56.08  -0.7
PAX      2.02  14 ePd    09 58.00  -0.7
                 eS     10 22.01
BALM     2.03  88 iPd    09 58.51  -0.3
                 eS     10 24.79
SUA      2.09 284 iPc    09 59.19  -0.6
CUT      2.27 310 ePc    10 01.92  -0.2
                 eS     10 31.08
WRG      2.43 112 eP     10 05.07   0.7
THY      2.43   8 P      10 06.00   1.5
YAH      2.44 104 ePd    10 03.98  -0.8
                 eS     10 32.59
HUR      2.46 325 eP     10 04.87   0.0
CTGM     2.53  89 ePd    10 05.56  -0.4
                 S      10 36.97
NNL      2.56 250 ePc    10 05.95  -0.3
SKT      2.59 294 iPc    10 05.69  -1.1
                 eS     10 37.24
RND      2.63 336 ePc    10 07.24  -0.2
SPU      2.70 276 iPc    10 07.34  -1.0
                 eS     10 41.59
CRP      2.75 278 eP     10 08.13  -1.0
CNPM     2.79 240 ePd    10 08.15  -1.4
                 eS     10 41.34
DDM      2.80   6 eP     10 09.17  -0.6
TMW      2.84  34 P      10 10.80   0.5
BGL      2.86 277 eP     10 09.38  -1.3
RDT      2.92 264 eP     10 09.78  -1.7
MCK      2.95 339 eP     10 11.96   0.2
TRF      3.01 326 ePc    10 12.38  -0.5
DJE      3.05   7 eP     10 13.21   0.1
DFR      3.05 265 P      10 12.80  -0.6
REF      3.08 263 iPc    10 12.35  -1.5
RSO      3.11 262 eP     10 12.76  -1.6
RS2      3.12 262 eP     10 12.84  -1.5
RS1      3.12 262 eP     10 12.79  -1.6
RED      3.13 262 eP     10 12.98  -1.5
RDW      3.14 263 eP     10 13.29  -1.3
KTH      3.27 323 eP     10 16.09  -0.4
INE      3.37 256 P      10 16.80  -1.2
HDA      3.41 357 eP     10 17.26  -1.0
INW      3.41 257 P      10 17.10  -1.3
BWN      3.45 338 eP     10 18.82   0.0
CCB      3.69 351 ePc    10 20.69  -1.7
NEA      3.76 343 eP     10 21.83  -1.5
FBA      3.94 352 P      10 25.00  -0.8
GLM      4.00 355 eP     10 25.70  -1.1
PDB      4.00 255 eP     10 24.38  -2.4
MDM      4.03 350 eP     10 25.62  -1.6
SVW      4.43 275 eP     10 30.00  -2.8
MLY      4.46 336 eP     10 31.57  -1.8
PRP      4.54   5 ePc    10 32.72  -1.8
TTA      4.87 297 P      10 37.70  -1.5
FYU      5.60   5 P      10 47.20  -2.1
IMA      5.99 331 P      10 52.90  -2.1
INK      9.17  32 P      11 37.00  -2.2
       0.2s      1.20nm          4.9mb X
YKA     15.10  70 eP     13 02.00   3.3
       0.7s      0.90nm          3.3mb
       73 obs. associated
-----------------------------------------
*  FEB  05, 1992  18h 49m 54.73± 1.01s
   36.945 N ±13.6km   29.417 E ± 7.1km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                              (366)

ELL      0.44 116 iPg    50 04.00   0.3
                 eSg    50 13.00
YER      0.93 282 ePn    50 11.40  -1.1
BCK      1.07  61 iPg    50 14.50  -0.4
                 eSg    50 28.00
CIN      1.25 302 ePg    50 18.00   0.1
                 iSg    50 37.00
ALT      2.18  14 iPn    50 34.80   3.2X
IZM      2.24 311 ePn    50 34.00   1.5
DST      2.73 347 ePn    50 39.00  -0.4
      S.D. = 1.1  on   6 of   7 obs.
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?  FEB  05, 1992  19h 33m 47.75± 1.03s
   31.975 S ± 7.7km   68.960 W ± 8.8km
   DEPTH =  10.0km  (geophysicist)
 SAN JUAN PROVINCE, ARGENTINA        (137)

ZON      0.49  29 iPd    33 58.80   1.1
                 iS     34 12.30
RTCB     0.51  16 iPd    33 57.00  -1.0
                 S      34 10.20
RTBS     0.52 307 iPd    33 58.50   0.2
                 S      34 10.00
CFA      0.71  59 ePc    34 01.70  -0.2
RFA      2.82 172 iP     34 33.70   0.0
      S.D. = 1.1  on   5 of   5 obs.
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*  FEB  05, 1992  19h 36m 29.88± 0.59s
   31.513 N ±12.9km   67.038 E ± 8.0km
   DEPTH =  33.0km  (normal)
   4.4mb (  9 obs.)  4.2Msz (  1 obs.)
 AFGHANISTAN                         (709)

QUE      1.32 183 iPd-   36 52.00  -0.4
                 eS     37 12.20
MAIO     7.88 309 eP     38 24.00  -1.1
       0.8s     12.81nm          5.1mb
                 eS     40 34.00
NDI      9.26 105 eP     38 42.50  -1.6
       0.7s     15.07nm          5.3mb
                 eS     39 22.00
GKN     15.68  98 P      40 08.80  -1.3
DMN     16.19  99 P      40 16.80   0.0
KKN     16.29  99 P      40 16.00  -1.9
PKI     16.46  99 P      40 18.60  -1.7
GUN     16.76  98 P      40 22.60  -1.4
HYB     17.50 141 eP     40 38.00   5.0X
                 eS     44 18.00
BHD     19.21 281 ePc    40 53.00  -0.8
                 eS     44 32.00
                 eLQ    47 26.00
MSL     20.39 290 eP     41 02.00  -4.5X
                 eS     44 43.00
                 eLQ    47 48.00
SHL     22.59  99 eP     41 30.60   1.6
LZH     30.80  71 eP     42 47.00   2.0
       1.2s     16.00nm          4.7mb
     Z  20s      0.49um          4.2Msz
     N  14s      0.48um
                 eS     48 30.00
CHG     31.40 106 eP     42 52.00   1.8
CHTO    31.40 106 eP     42 51.80   1.6
       1.4s      6.73nm          4.3mb
MLR     34.67 306 eP     43 20.00   1.5
ZST     41.03 309 eP     44 11.20  -0.3
GEC2    43.33 309 Pc     44 29.40  -1.1
       0.8s      0.73nm          3.5mb
NB2     46.54 326 P      44 54.10  -1.7
       1.2s      6.20nm          4.4mb
YAK     49.94  33 eP     45 22.20   0.0
                 e      04 12.00
MBC     72.43   2 eP     47 55.50   1.3
INK     79.31   8 eP     48 34.00   0.8
WRA     82.32 119 P      48 53.50   3.6X
       0.4s      0.60nm          4.0mb
ASPA    84.26 122 iPd    49 02.40   2.7
       0.9s      2.80nm          4.4mb
YKA     86.31   1 eP     49 09.30   0.0
       1.1s      1.20nm          4.0mb
      S.D. = 1.5  on  22 of  25 obs.
-----------------------------------------
?  FEB  05, 1992  20h 31m 09.98± 0.71s
   64.247 S ± 9.4km  154.255 E ±28.9km
   DEPTH =  10.0km  (geophysicist)
   4.8mb (  7 obs.)  4.1Msz (  1 obs.)
 BALLENY ISLANDS REGION              (702)

SPA     25.90 180 eP     36 42.00  -1.5
       0.7s     27.34nm          5.1mb
                 i      41 21.50
STK     33.34 340 eP     38 00.90  11.0X
       1.8s      1.30nm
ARMA    33.89 356 eP     37 55.00   0.2
       0.8s      8.00nm          4.7mb
RMO     37.93 352 eP     38 30.00   1.1
WARB    42.05 322 eP     39 03.00   0.0
ASPA    42.73 332 iPc    39 07.90  -0.7
       1.8s     11.40nm          4.3mb
     Z  22s      0.30um          4.1Msz
NVL     42.78 197 (P)d   39 11.00   2.5
       2.0s     32.00nm          4.7mb
     Z  17s      1.50um          5.0MszX
     N  17s      1.00um
     E  17s      0.80um
                 e      39 34.00
                 LQ     53 00.00
DZM     42.93  17 iPd    39 11.00   0.6
WRA     46.26 334 P      39 35.80  -1.2
       0.6s      3.60nm          4.6mb
BUL     86.06 230 iPd    43 52.30   0.3
       0.8s      6.72nm          4.9mb
CHG     93.03 309 eP     44 25.00   0.5
CHTO    93.03 309 eP     44 25.00   0.5
       1.3s      6.94nm          4.9mb
                 pP     44 34.70  30kmX
MAIO   124.02 284 ePKP   50 09.00  -0.3
INK    141.76  35 ePKP   50 34.00  -7.5X
YKA    143.20  51 ePKP   50 38.40  -5.8X
       0.8s      2.80nm
OHR    144.71 252 ePKP   50 46.00  -1.5
CFR    144.89 263 ePKP   50 47.00  -0.6
SKO    145.16 253 iPKPc  50 47.30  -0.9
                 i      50 50.50
                 i      50 55.50
VRI    146.05 263 ePKPd  50 50.50   0.9
MLR    146.09 262 ePKP   50 50.00   0.2
BZS    148.04 257 ePKP   50 57.50   4.8X
ENIJ   149.25 219 ePKP   51 03.50   8.5X
EGUA   149.49 217 ePKP   51 03.60   8.3X
EJIF   149.60 214 ePKP   51 05.80  10.3X
EPRU   150.03 214 ePKP   51 08.20  12.0X
MBC    150.09  29 ePKPd  50 59.00   4.0X
       0.9s     35.00nm
EHOR   150.85 215 ePKP   51 10.70  13.4X
EVIA   150.89 219 ePKP   51 02.80   5.3X
EVAL   150.98 212 ePKP   51 11.60  14.1X
SRO    151.17 256 ePKP   51 11.70  14.2X
ECHE   151.34 222 ePKP   51 04.20   6.1X
ETOR   152.79 222 ePKP   51 07.20   7.0X
GUD    153.22 218 ePKP   51 06.80   6.0X
GEC2   153.92 253 PKP    51 07.10   5.6X
       0.9s      1.08nm
      S.D. = 1.1  on  17 of  34 obs.
-----------------------------------------
%  FEB  05, 1992  20h 43m 38.22± 1.08s
   40.806 N ± 7.0km   27.627 E ± 9.3km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                              (366)

KGT      0.43 215 iPg    43 46.80  -0.2
                 eSg    43 53.80
EDC      0.49 158 iPn    43 48.00  -0.2
BNT      0.50 153 iPg    43 47.90  -0.5
KCT      0.79 135 iPn    43 52.40  -1.1
DMK      1.02   5 ePn    43 57.10  -0.4
YLV      1.35 100 ePn    44 02.00  -1.1
DST      1.42 147 iPn    44 06.40   2.2
IZI      1.48 108 ePn    44 05.00   0.0
HRT      1.55  89 ePn    44 07.30   1.4
      S.D. = 1.3  on   9 of   9 obs.
-----------------------------------------
   FEB  05, 1992  21h 37m 22.52± 0.52s
   47.173 N ± 5.0km    9.648 E ± 4.7km
   DEPTH =  10.0km  (geophysicist)
 GERMANY                             (543)
      ML 3.0 (VIE), 2.8 (LDG).

LLS      0.54 236 ePd    37 32.30  -1.2
OSS      0.59 145 iPd    37 33.30  -1.3
VDL      0.70 190 ePc    37 35.50  -1.0
SLE      0.98 308 ePc    37 41.20   0.0
```

```
OGA      0.99 107 iPgd  37 44.90   3.4X
SOTA     1.07  87 iPnc  37 42.80   0.1
                  iPg   37 45.10
                  i     37 58.00
                  iSg   38 02.40
TMA      1.19 207 ePc   37 44.60  -0.3
FEL      1.31 303 ePn   37 46.73  -0.1
VAI      1.44 205 P     37 50.00   1.4
                  eSg   38 08.00
FUR      1.48  47 iPd   37 50.80   1.6
MMK      1.61 227 ePd   37 52.00   0.7
DIX      1.89 235 ePc   37 58.50   3.1X
CDF      2.02 309 Pn    37 56.80  -0.3
                  Pg    38 02.00
                  Sn    38 19.90
                  Sg    38 26.40
BSF      2.05 290 Pn    37 55.90  -1.6
                  Pg    38 01.40
                  Sn    38 18.40
                  Sg    38 26.00
EMS      2.17 240 ePd   38 03.30   3.9X
HAU      2.38 292 Pn    38 02.60   0.3
                  Pg    38 09.00
                  Sg    38 38.50
KBA      2.53  91 iPgd  38 09.70   5.3X
                  iSg   38 43.30
LPL      2.61 232 Pn    38 10.20   4.5X
LPG      2.61 231 Pn    38 10.30   4.5X
GRF      2.73  22 e(Pn) 38 15.00   7.8X
                  e(Pg) 38 22.00
                  eSg   38 52.80
KHC      3.28  52 Pn    38 14.00  -1.0
                  Pg    38 24.50
                  e     38 41.60
                  Sn    38 52.80
                  Sg    39 05.40
SBF      3.66 206 Pn    38 22.20   1.8
SMF      4.02 265 Pn    38 26.60   1.2
                  Pg    38 37.40
                  Sg    39 30.00
SSF      4.20 271 Pn    38 27.80  -0.1
                  Sg    39 33.00
PRU      4.30  47 eP    38 45.00  15.6X
                  Sg    39 36.80
BGF      4.71 265 Pg    38 50.60  15.4X
                  Sn    39 27.00
                  Sg    39 51.70
     S.D. = 1.1  on  17 of  26 obs.
-----------------------------------
?  FEB  05, 1992  21h 57m 32.39± 2.42s
   20.976 N ±26.4km  108.349 W ±21.6km
   DEPTH =  10.0km  (geophysicist)
   3.8mb (  6 obs.)
 REVILLA GIGEDO ISLANDS REGION   ( 53)

ANMO    14.02   6 P     00 53.50   0.1
MEO     16.22  30 e(P)  01 36.60  14.6X
SRU     18.17 355 P     01 46.37  -0.2
TNP     18.69 338 iP    01 54.26   1.2
        0.8s     0.90nm          3.0mb
GOL     18.84   7 e(P)  01 55.10   0.2
        1.0s     1.50nm          3.2mb
DAU     19.53 353 P     02 03.34   0.0
BW06    21.76 358 eP    02 24.70  -1.6
        1.0s     6.75nm          4.0mb
FVM     22.97  39 eP    02 38.70   0.6
        1.0s    12.00nm          4.4mb
RSSD    23.36   8 eP    02 41.90  -0.2
        1.2s    12.39nm          4.3mb
LRM     25.01 353 eP    02 58.40   0.3
YKA     41.71 356 eP    05 21.70  -1.0
        0.9s     1.00nm          3.5mb
INK     49.85 348 eP    06 27.00  -0.3
MBC     55.59 357 eP    07 11.00   1.0
WRA    121.60 259 PKP   16 23.40  -5.2X
        0.6s     0.40nm
     S.D. = 0.9  on  12 of  14 obs.
-----------------------------------
?  FEB  05, 1992  22h 24m 08.82± 0.84s
   56.171 N ±33.0km   35.048 W ±10.0km
   DEPTH =  10.0km  (geophysicist)
   4.3mb ( 10 obs.)  4.4Msz (  2 obs.)
 NORTH ATLANTIC OCEAN            (402)

EKA     17.89  79 P     28 20.00   1.0
        1.2s    11.40nm          3.9mb
BGF     25.24  96 eP    29 34.10  -2.0
        0.8s     6.05nm          4.3mb
SSF     25.31  95 eP    29 37.30   0.6
        1.0s     8.00nm          4.4mb
LOR     25.39  94 eP    29 37.80   0.3
        1.0s     7.00nm          4.3mb
      Z  20s     0.17um          3.6Msz
MBC     35.10 336 eP    31 07.50   4.0X
        1.4s    13.00nm          4.6mb
YKA     38.62 313 eP    31 31.60  -1.7
        0.8s     1.60nm          3.8mb
FVM     40.61 267 e(P)  31 51.00   0.9
        1.0s     9.00nm          4.4mb
INK     42.36 327 eP    32 05.00   1.0
LRM     47.32 292 eP    32 45.80   1.4
BW06    47.86 287 eP    32 48.50  -0.2
        0.9s     3.39nm          4.4mb
ANMO    51.74 277 e(P)  33 19.30   0.8
        1.0s     0.75nm          3.6mb
TNP     55.30 288 eP    33 42.70  -2.0
        0.7s     5.67nm          4.7mb
ASPA   146.53  19 iPKPc 43 54.10   4.0X
        0.5s     3.40nm
      Z  20s     0.50um          5.3Msz
     S.D. = 1.5  on  11 of  13 obs.
-----------------------------------
*  FEB  05, 1992  23h 08m 58.07± 1.93s
    4.615 S ±19.0km  146.215 E ±11.8km
   DEPTH =  75.4 ± 13.8 km
   4.9mb (  3 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

MDG      0.77 214 eP    09 15.00   0.7
LAT      2.17 159 eP    09 37.80   5.0X
PMG      4.85 169 eP    10 08.80  -1.4
HNR     14.44 110 eP    12 20.00  -0.1
OIS     17.10 202 eP    12 55.00   1.2
WB2     19.12 216 eP    13 17.40  -0.7
        0.9s    41.60nm          4.7mb
KNA     20.41 236 eP    13 29.00  -2.4
RMO     21.89 174 eP    13 50.00   3.7X
                  i     13 56.00
ASPA    22.36 211 iPd   13 52.60   1.6
        1.0s    34.10nm          4.7mb
      Z  23s     0.50um          3.9MszX
                  eS    18 09.50
ARMA    26.17 169 eP    14 27.00  -0.4
DZM     26.18 133 iPc   14 28.00   0.5
STK     27.47 189 eP    14 55.80  16.7X
        0.9s     2.70nm
WARB    28.48 219 eP    14 49.00   0.7
MBC     95.51  14 eP    22 15.50   0.1
        1.5s    49.00nm          5.8mb
     S.D. = 1.4  on  11 of  14 obs.
-----------------------------------
   FEB  05, 1992  23h 10m 48.63± 0.21s
   31.426 N ± 5.1km   66.825 E ± 3.8km
   DEPTH =  17.9km  (  6 depth phoses)
   5.1mb ( 48 obs.)  5.3Msz ( 11 obs.)
 AFGHANISTAN                     (709)
      CENTROID, MOMENT TENSOR    (HRV)
      Data Used: GDSN
      L.P.B.: 19S, 31C
      Centroid Locotion:
      Origin Time        23:10:49.6 1.1
      Lat 31.42N 0.09 Lon  66.92E 0.09
      Dep  15.0 FIX Half-duration  2.8
      Moment Tensor;   Scale 10**17 Nm
        Mrr=-0.28 0.09  Mtt=-1.55 0.12
        Mff= 1.83 0.11  Mrt= 0.10 0.33
        Mrf= 0.02 0.48  Mtf=-1.02 0.11
       Principal Axes:
        T  Val=  2.12  Plg= 0  Azm=254
        N       -0.28      86      344
        P       -1.84       4      164
      Best Double Couple:Mo=2.0*10**17
       NP1:Strike=299 Dip=87 Slip=-177
       NP2:        209     87       -3

QUE      1.24 175 iPd-  11 12.90   1.7
MAIO     7.80 311 ePn   12 44.00   0.0
        0.8s    69.55nm          5.9mb
                  eSn   14 10.00
NDI      9.41 104 iPc   13 03.20  -3.1X
        0.6s    93.33nm          6.3mb X
                  eS    14 44.00
SHI     12.46 265 eP    13 42.00  -6.0X
POO     14.32 152 iPc   14 11.50  -1.1
                  iS    17 10.00
GKN     15.85  98 P     14 28.40  -4.2X
DMN     16.36  99 P     14 35.20  -4.0X
KKN     16.45  98 P     14 35.80  -4.6X
PKI     16.63  99 P     14 38.00  -4.7X
KER     16.82 285 eP    14 45.00   0.1
GUN     16.93  97 P     14 42.40  -4.1X
HYB     17.55 140 ePc   14 51.60  -2.3
        1.3s   140.00nm          4.9mb
                  e     14 55.00
                  eS    18 11.00
BHD     19.05 282 iPd   15 11.50  -0.8
                  ePP   15 32.50
                  ePPP  15 43.00
                  eS    18 41.50
                  iSS   18 51.00
                  eLQ   21 20.00
                  eLR   22 37.00
MSL     20.25 291 ePc   15 25.00  -0.6
                  ePP   15 53.50
                  eS    19 07.00
                  eSS   19 42.00
                  eLQ   22 13.00
SHL     22.76  99 iPd   15 50.50  -0.8
        1.5s   326.39nm          5.6mb
                  eS    20 00.20
KAS     28.25 300 eP    16 45.00   2.3
BBTK    28.80 296 eP    16 52.00   4.3X
ELL     30.90 290 iP    17 06.00  -0.5
LZH     31.00  71 Pd    17 07.20  -0.3
        1.2s   128.00nm          5.7mb
      Z  20s     4.70um          5.1Msz
      N  14s     5.01um
                  pP    17 25.50  78kmX
                  sP    17 37.00
                  PP    18 30.00
                  S     22 07.00
                  sS    22 38.00
                  i     22 51.00
                  SS    23 56.00
CHG     31.55 106 eP    17 12.00  -0.3
        1.4s    69.77nm          5.4mb
CHTO    31.55 106 iP    17 11.10  -1.2
        1.6s    70.87nm          5.3mb
                  pP    17 18.90  27km
                  sP    17 24.40
OBN     31.88 327 iPd   17 14.00  -0.7
        1.5s   147.00nm          5.7mb
      Z  18s     9.60um          5.5Msz
      N  16s     7.70um
      E  16s     4.80um
                  e     17 39.00 113kmX
                  e     18 18.00
                  ePP   18 26.00
                  eS    22 48.00
                  eSSS  25 20.00
KMI     32.15  92 Pd    17 17.50  -0.2
        1.5s   150.00nm          5.7mb
      Z  18s    10.40um          5.6Msz
      E  14s     5.30um
                  pP    17 23.00  19km
                  eS    22 24.00
                  sS    22 32.00
BDT     32.40 108 eP    17 20.00   0.4
CFR     32.98 306 eP    17 25.00   0.6
KHT     33.42 112 eP    17 28.40  -0.2
VRI     34.10 307 ePd   17 35.00   0.8
IRK     34.29  42 eP    17 36.30   0.5
        1.4s    44.00nm          5.2mb
      Z  12s     6.38um          5.6MszX
                  e     17 41.20  17km
                  e     18 32.20
                  e     19 40.50
                  eS    23 04.00
                  LR    31 08.00
AAE     34.30 236 eP    17 39.00   2.4
LOE     34.55 106 eP    17 38.50   0.2
MLR     34.57 306 eP    17 40.00   1.6
                  e     48 28.00
CMP     35.17 305 ePc   17 45.00   1.6
SKO     37.49 299 iP    18 03.30   0.3
      Z  19s     3.11um          5.1Msz
      N  18s     6.99um
      E  16s     2.99um
                  iS    23 52.00
                  iSS   26 50.00
                  LR    33 39.00
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05d 23h

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BZS    37.60 305 eP     18 08.00    4.2X
                e       48 52.00
SPC    39.01 311 eP     18 17.60    1.8
PSZ    39.05 309 eP     18 17.10    1.0
KRA    39.35 312 eP     18 19.70    1.3
     Z  14s      2.20um          5.1MszX
                e       18 37.00   70kmX
UZD    39.80 307 e(P)   18 23.00    0.8
SRO    40.09 308 eP     18 29.40    4.8X
NUR    40.15 329 eP     18 23.00   -1.9
       1.1s     52.80nm          5.2mb
     Z  21s      5.50um          5.4Msz
                LR      37 30.00
KAF    40.23 332 eP     18 24.80   -0.7
       0.6s     15.40nm          4.9mb
BJI    40.54  64 eP     18 29.00    0.7
     Z  22s      2.85um          5.1Msz
     N  10s      1.82um
                e       20 06.00 539kmX
                eS      24 30.00
ZST    40.94 309 eP     18 31.60    0.0
KSP    41.78 313 ePc    18 39.00    0.6
LJU    42.57 305 e(P)   18 45.50    0.5
CEY    42.64 305 e(P)   18 46.00    0.4
PRU    42.79 311 eP     18 50.00    3.3X
     Z  17s      3.00um          5.3MszX
     N  14s      1.70um
     E  14s      2.50um
                e       18 55.00   17km
                e       28 38.00
VOY    43.01 305 e(P)   18 49.60    0.9
UPP    43.13 326 iP     18 49.10   -0.2
GEC2   43.25 310 Pd     18 50.10   -0.5
       0.6s      1.66nm          4.0mb X
BRG    43.26 313 iPc    18 51.60    1.1
       1.4s     24.00nm          4.8mb
                eS      25 24.00
                iScS    28 48.00
KHC    43.35 310 eP     18 52.00    0.7
     Z  14s      2.70um          5.3MszX
     N  14s      1.70um
     E  14s      1.90um
                e       19 46.50 261kmX
                e       20 38.50
KBA    43.41 307 iPc    18 50.10   -1.9
       1.0s     25.20nm          4.9mb
                i       18 52.50    8km
                i       18 56.70
                i       18 59.90
CLL    43.89 313 eP     18 55.00   -0.6
       1.8s     20.00nm          4.6mb
                i       20 41.90 610kmX
MOX    44.71 312 ePc    19 03.10    0.8
       1.8s     83.00nm          5.3mb
     Z  15s      2.60um          5.3MszX
     N  13s      3.30um
     E  15s      1.40um
GRF    44.91 311 eP     19 04.00    0.0
     Z  21s      0.30um          4.2MszX
FIR    44.94 302 eP     19 02.00   -2.2
HFS    45.10 326 eP     19 04.20   -1.0
       0.5s      3.70nm          4.6mb
SSE    46.06  76 P+     19 13.50    0.3
       2.0s    288.00nm          5.9mb
     Z  20s      9.20um          5.7Msz
     N  14s      5.70um
                pP      19 42.50 126kmX
                PcP     20 40.00
                S       25 52.00
                sS      26 56.00
                eSS     29 18.00
NB2    46.51 326 P      19 13.60   -2.8
       0.7s     11.40nm          5.0mb
LPG    48.03 305 eP     19 28.80   -0.1
       0.8s      8.05nm          4.8mb
LPL    48.04 305 eP     19 28.40   -0.6
       0.9s     14.75nm          5.0mb
WLF    48.21 311 P      19 31.00    1.2
DOU    49.20 311 Pc     19 38.40    0.9
SNF    49.38 312 P      19 39.80    0.9
LBF    49.81 307 eP     19 42.00   -0.4
       1.2s     19.35nm          5.0mb
LOR    49.87 307 eP     19 42.30   -0.5
       1.0s      9.00nm          4.7mb
     Z  20s      1.05um          4.8Msz
SMF    49.94 307 eP     19 43.10   -0.2
       0.8s     22.15nm          5.2mb
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YAK    50.12  33 iPc+   19 43.50   -0.8
       1.1s    120.00nm          5.8mb
     Z  21s      3.90um          5.4Msz
     N  18s      1.90um
                ePcP    21 04.00
                ePP     21 46.00
                eS      26 53.00
                eSS     30 45.00
SSF    50.13 307 eP     19 44.50   -0.2
       1.2s     32.75nm          5.2mb
AVF    50.26 307 eP     19 45.50   -0.2
       0.9s      9.85nm          4.8mb
TCF    51.10 306 eP     19 52.30    0.2
       0.8s      5.35nm          4.5mb
CAF    51.38 305 eP     19 54.50    0.2
       1.0s     18.00nm          5.0mb
LSF    51.57 306 eP     19 55.30   -0.4
       0.8s     13.45nm          4.9mb
LDF    52.39 310 eP     20 01.30   -0.5
       0.8s      8.05nm          4.7mb
FLN    52.61 310 eP     20 02.90   -0.5
       0.9s     13.10nm          4.9mb
     Z  20s      1.25um          5.0Msz
BCAO   52.63 249 iPd    20 03.40   -0.7
       0.4s     15.00nm          5.3mb
                i       20 39.70 158kmX
GRR    52.91 309 eP     20 05.10   -0.5
       1.0s     14.00nm          4.8mb
EKA    53.63 318 Pd     20 10.50   -0.4
       1.5s     47.30nm          5.3mb
ENIJ   56.24 296 iPc    20 28.90   -1.2
GUD    56.73 301 eP     20 31.20   -2.5
EBAN   57.11 298 iPc    20 36.00   -0.4
EGUA   57.32 296 iPd    20 36.70   -1.1
EPLA   58.30 300 eP     20 44.80    0.2
EHOR   58.32 298 iPc    20 44.80    0.1
DAG    58.67 344 iPd    20 46.00   -0.7
       1.3s     38.46nm          5.3mb
EJIF   58.90 296 eP     20 49.00    0.2
KRI    59.82 222 iPc    21 14.30   18.8X
BUL    63.03 221 iPd    21 16.00   -1.2
       0.9s     12.18nm          5.1mb
SEK    70.17 216 iPd    22 03.20    0.8
       0.7s     17.12nm          5.3mb
KIC    70.99 266 P      22 06.26   -1.3
       0.8s      8.00nm          4.9mb
TIC    71.08 266 P      22 06.80   -1.3
       0.8s      6.50nm          4.8mb
LIC    71.30 266 P      22 08.86   -0.6
KIM    71.99 218 eP     22 14.00    0.6
BRW    73.06  13 eP     22 19.70    0.8
HVD    73.10 217 eP     22 04.50  -15.4X
ANM    76.01  21 eP     22 36.70    0.6
IMA    77.96  16 ePc    22 47.40    0.4
       1.4s     29.60nm          5.2mb
FBA    80.26  14 ePc    22 59.00   -0.3
       1.3s     44.30nm          5.3mb
                pP      23 05.30   20km
RND    81.33  15 P      23 04.30   -0.8
SVW    81.54  19 P      23 07.00    0.8
WRA    82.44 119 P      23 11.90    0.5
       0.5s      4.50nm          4.8mb
WB2    82.44 119 iPd    23 12.70    1.2
       0.7s     13.40nm          5.2mb
PMR    82.83  16 eP     23 13.30    0.5
       1.2s     28.40nm          5.3mb
PDB    83.03  20 P      23 13.90    0.0
TOA    83.07  15 eP     23 16.00    1.8
KLU    83.67  15 P      23 17.90    0.6
ASPA   84.36 122 iPd    23 22.40    1.2
       1.0s     22.40nm          5.4mb
YKA    86.40   1 eP     23 30.20   -0.5
       1.3s     13.90nm          5.0mb
QIS    86.79 116 iPd    23 34.40    1.1
       0.5s      5.00nm          5.0mb
FFC    93.66 354 ePc    24 05.30    0.3
       1.5s     41.00nm          5.6mb
GLD   108.80 354 Pdiff  25 20.00    6.6X
     Z  20s      1.50um          5.6Msz
     S.D. = 1.0  on  98 of 112 obs.
-----------------------------------
   FEB  05, 1992  23h 41m 36.85± 0.28s
   31.365 N ± 6.6km   66.858 E ± 5.0km
   DEPTH =  33.0km  (normol)
   5.0mb ( 50 obs.)  4.6Msz (  8 obs.)
 AFGHANISTAN                      (709)
```

```
QUE     1.18 176 iPd-   41 57.00   -0.2
MAIO    7.86 311 ePn    43 29.00   -2.8
       0.8s     79.06nm          5.8mb
                eSn     44 58.00
NDI     9.37 104 iPc    43 48.80   -3.8X
       0.7s     75.34nm          6.0mb X
                eS      45 31.00
SHI    12.48 266 eP     44 33.00   -2.1
PDO    14.26 152 eP     44 58.00   -0.5
                iS      47 57.00
GKN    15.81  98 P      45 11.00   -7.8X
DMN    16.32  99 P      45 17.40   -8.0X
KKN    16.42  98 P      45 18.20   -8.4X
PKI    16.59  98 P      45 21.80   -7.1X
KER    16.86 285 eP     45 34.00    1.9
GUN    16.89  97 P      45 24.60   -8.1X
HYB    17.48 140 eP     45 38.50   -1.3
       1.4s    112.50nm          4.8mb
                eS      48 48.00
BHD    19.09 282 ePd    45 57.00   -2.3
                ePPP    46 28.00
                eS      49 34.00
                eLQ     52 18.00
                eLR     53 23.00
MSL    20.29 291 eP     46 10.50   -2.0
                ePP     46 31.50
                eS      50 02.00
                eLQ     53 27.00
SHL    22.72  98 iPc    46 37.50    0.2
       1.3s    221.15nm          5.5mb
                eS      50 46.00
LZH    31.00  71 Pc     47 53.50   -0.1
       1.5s    105.00nm          5.4mb
     Z  20s      2.07um          4.8Msz
     N  14s      2.06um
                pP      48 02.00   30kmX
                sP      48 08.00
CHG    31.51 106 ePc    47 59.00    0.9
       1.4s     81.40nm          5.4mb
CHTO   31.51 106 iP     47 56.90   -1.2
OBN    31.95 327 eP     48 00.00   -1.6
       1.3s     78.00nm          5.4mb
                e       48 59.00
                ePP     49 12.00
                e       51 20.00
                eS      53 40.00
                e       55 04.00
KMI    32.12  92 Pc     48 04.00    0.3
       1.5s    160.00nm          5.7mb
     Z  16s      6.20um          5.4MszX
BDT    32.36 108 eP     48 06.00    0.5
VRI    34.16 307 ePd    48 23.00    2.1
AAE    34.29 236 eP     48 25.00    2.3
LOE    34.51 105 eP     48 24.50    0.4
CMP    35.22 305 ePd    48 31.00    0.9
VAY    36.69 298 eP     48 42.00   -0.4
SKO    37.55 299 eP     48 38.50  -11.2X
                i       48 50.00
PSZ    39.11 309 eP     49 05.00    2.2
KRA    39.41 312 eP     49 07.20    2.1
SRO    40.15 308 eP     49 13.10    1.8
NUR    40.22 329 eP     49 10.00   -1.6
       1.1s     52.80nm          5.2mb
     Z  21s      2.90um          5.1Msz
                LR      08 20.00
KAF    40.30 332 eP     49 11.20   -1.0
       0.8s     16.60nm          4.8mb
BJI    40.54  64 eP     49 15.50    1.0
       1.2s     29.00nm          4.9mb
                e       50 53.50
ZST    41.00 309 eP     49 18.40    0.2
VKA    41.53 309 eP     49 23.00    0.4
                e       49 41.00
MMN    41.74 296 P      49 26.00    1.7
KSP    41.84 313 eP     49 25.00   -0.1
GEC2   43.31 310 Pd     49 35.00   -2.3
       0.8s      2.66nm          4.1mb
BRG    43.32 313 iP     49 38.30    1.1
       1.8s     28.00nm          4.7mb
KHC    43.41 310 eP     49 38.50    0.5
     Z  14s      1.50um          5.0MszX
     N  14s      1.70um
     E  14s      2.00um
KBA    43.47 307 iPc    49 39.50    0.8
       1.2s     27.30nm          4.9mb
                i       49 48.10
FVI    43.85 306 P      49 42.00    0.5
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CLL     43.95 313 eP     49 41.00  -1.3
                  i      51 31.70
SFI     44.56 302 P      49 48.80   1.5
CTI     44.63 306 P      49 49.10   1.1
PGD     44.66 302 P      49 50.90   2.6
MOX     44.77 312 eP     49 49.90   0.9
        2.0s    83.00nm          5.3mb
SOTA    44.93 307 i(P)   49 50.30  -0.1
        1.1s    13.20nm          4.7mb
GRF     44.98 311 eP     49 52.00   1.4
      Z  22s     0.50um          4.4Msz
FIR     45.00 302 eP     49 53.00   2.2
HFS     45.16 326 eP     49 50.00  -1.9
        0.5s     1.40nm          4.1mb
SSE     46.05  75 Pc     50 00.70   1.5
        1.5s    92.00nm          5.5mb
      Z  20s     3.70um          5.3Msz
      E  12s     0.80um
                  i      50 29.00
NB2     46.58 326 P      49 57.10  -6.0X
        1.0s    12.60nm          4.8mb
BSF     47.91 308 eP     50 13.30  -0.6
        1.0s    12.00nm          4.9mb
LPG     48.09 305 eP     50 15.10  -0.5
        1.0s    10.00nm          4.8mb
LPL     48.10 305 eP     50 15.40  -0.2
        1.1s    19.55nm          5.0mb
HAU     48.20 308 eP     50 15.90  -0.2
        1.2s    11.90nm          4.8mb
      Z  20s     0.60um          4.6Msz
WLF     48.27 311 P      50 19.00   2.5
DOU     49.26 311 P      50 24.90   0.8
LBF     49.87 307 eP     50 28.70  -0.3
        1.0s    16.00nm          5.0mb
LOR     49.93 308 eP     50 29.00  -0.4
        1.0s     8.00nm          4.7mb
      Z  20s     0.57um          4.6Msz
SMF     50.00 307 eP     50 29.80  -0.1
        1.0s    21.00nm          5.1mb
YAK     50.15  33 iPc    50 29.30  -1.5
        1.1s    70.00nm          5.6mb
SSF     50.19 307 eP     50 31.20  -0.1
        1.0s    20.00nm          5.1mb
AVF     50.32 307 eP     50 32.10  -0.2
        1.0s    12.00nm          4.9mb
MAF     50.92 306 eP     50 37.10   0.2
        0.8s     4.05nm          4.4mb
TCF     51.16 306 eP     50 39.00   0.3
        1.0s    12.00nm          4.8mb
CAF     51.44 305 eP     50 41.10   0.2
        0.9s    16.40nm          5.0mb
LSF     51.63 306 eP     50 41.90  -0.4
        1.0s    12.00nm          4.8mb
RJF     51.77 305 eP     50 43.70   0.3
        1.0s    16.00nm          4.9mb
      Z  22s     0.63um          4.6Msz
LPO     52.09 305 eP     50 45.90   0.1
        1.0s    12.00nm          4.8mb
LFF     52.37 305 eP     50 47.90   0.1
        1.0s    14.00nm          4.9mb
BCAO    52.64 250 iPc    50 49.00  -1.2
        0.8s    18.00nm          5.1mb
FLN     52.67 310 eP     50 49.50  -0.5
        0.8s     5.35nm          4.6mb
      Z  22s     0.57um          4.6Msz
GRR     52.97 309 eP     50 50.90  -1.3
        1.2s    20.85nm          5.0mb
EKA     53.69 318 P      50 59.00   1.5
        1.3s    18.50nm          4.9mb
MAT     58.17  64 eP     51 28.00  -1.9
DAG     58.73 344 iPd    51 33.00  -0.3
        0.8s    12.69nm          5.1mb
KRI     59.79 222 iPd    52 00.00  18.5X
BUL     63.00 221 eP     52 03.00  -0.1
SLR     67.70 217 eP     52 33.50   0.2
SEK     70.14 216 eP     52 48.80   0.5
        1.2s    23.44nm          5.1mb
KIC     71.01 266 P      52 51.30  -2.5
TIC     71.10 266 P      52 52.40  -1.9
LIC     71.33 266 P      52 54.00  -1.6
MBC     72.58   2 ePc    53 02.60   0.5
        1.1s    20.00nm          5.0mb
HVD     73.07 217 eP     53 01.70  -4.1X
IMA     78.01  16 P      53 32.10  -1.2
INK     79.48   8 eP     53 40.00  -1.0
FBA     80.31  14 P      53 44.60  -1.0
        1.2s    26.51nm          5.1mb
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WRA     82.38 119 P      53 57.50   0.3
        0.7s     3.10nm          4.5mb
WB2     82.39 119 iPd    53 58.50   1.3
        0.9s    13.50nm          5.0mb
PMR     82.89  16 P      53 58.20  -0.9
        1.0s    20.00nm          5.2mb
ASPA    84.31 122 iPd    54 06.90  -0.1
        0.9s    24.60nm          5.4mb
YKA     86.46   1 eP     54 15.60  -1.4
        1.2s     9.90nm          4.9mb
QIS     86.73 116 iPc    54 20.50   1.5
        0.8s    13.00nm          5.2mb
FFC     93.72 354 eP     54 52.00   0.7
        1.3s     5.00nm          4.8mb
      S.D. = 1.3  on  87 of  97 obs.
-----------------------------------------
?  FEB  05, 1992  23h 54m 33.14± 8.89s
   35.806 S ±55.0km   72.116 W ±50.7km
   DEPTH =  33.0km  (normal)
 NEAR COAST OF CENTRAL CHILE      (135)
      MD 4.1 (SAN).

LNV      1.93  18 iPd    55 05.10   0.8
                  iS     55 27.30
CACH     2.10  37 iPd    55 05.50  -1.2
                  iS     55 31.50
CHCH     2.22  33 iPc    55 08.70   0.3
                  iS     55 35.00
LCCH     2.37  11 eP     55 10.00  -0.5
PCH      2.55  32 iPd    55 13.40   0.3
                  iS     55 43.20
SAN      2.64  27 eP     55 14.60   0.3
                  eS     55 44.50
PEL      2.91  24 iPd    55 18.40   0.2
                  iS     55 50.50
ROCH     2.97  18 eP     55 19.00  -0.3
                  eS     55 52.50
RFA      3.16  72 iPc    55 21.80   0.0
JACH     3.36  22 iPc    55 24.20  -0.5
                  iS     56 01.00
RTCB     5.12  34 e(P)   55 50.00   0.4
      S.D. = 0.6  on  11 of  11 obs.
-----------------------------------------
*  FEB  06, 1992  00h 08m 06.24± 0.54s
   29.741 N ± 8.6km  143.191 E ±10.0km
   DEPTH =  33.0km  (normal)
   4.8mb ( 10 obs.)
 SOUTH OF HONSHU, JAPAN           (211)

MAT      7.96 330 iPd    10 01.00  -1.6
        0.7s    11.64nm          5.1mb
                  eS     11 26.00
BJI     24.34 302 eP     13 23.00   0.9
CHG     41.55 265 eP     15 51.70  -0.8
GUN     49.80 283 P      16 58.40   0.0
        0.6s    24.00nm          5.4mb
WB2     50.12 191 eP     16 59.90  -0.5
        0.7s     4.90nm          4.6mb
WRA     50.13 191 P      17 00.00  -0.5
        0.6s     2.50nm          4.4mb
PKI     50.29 283 P      17 02.40   0.2
KKN     50.34 283 P      17 02.80   0.4
        0.8s    23.00nm          5.2mb
DMN     50.54 283 P      17 04.40   0.4
GKN     50.82 283 P      17 06.40   0.4
INK     60.27  25 eP     18 13.00  -0.3
YKA     69.40  29 eP     19 11.80  -0.8
        0.9s     0.70nm          3.7mb X
KAF     75.48 334 iP     19 48.80   0.3
        0.7s     8.70nm          4.9mb
NUR     77.10 334 eP     19 58.00   0.4
        0.4s     5.60nm          4.9mb
FFC     79.04  32 iPc    20 09.70   1.3
        0.8s     6.00nm          4.6mb
HFS     81.35 337 eP     20 20.90   0.3
        0.5s     2.30nm          4.4mb
NB2     81.49 339 P      20 21.10  -0.2
        0.9s     8.30nm          4.7mb
ZOBO   148.33  72 ePKP   27 53.00   4.4X
      S.D. = 0.8  on  17 of  18 obs.
-----------------------------------------
    FEB  06, 1992  01h 12m 38.55± 0.11s
     5.720 S ± 2.9km  103.156 E ± 2.8km
    DEPTH =  36.8km  (geophysicist)
    5.9mb ( 90 obs.)  6.4Msz ( 43 obs.)
 SOUTHERN SUMATERA, INDONESIA     (274)
      Ms 6.3 (BRK). Mo=4.0*10**18 Nm
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(PPT). Felt (IV) in the
epicentral area and (III) at
Kapahiang. Also felt in the
Lampung area and at Jakarta.
Depth from broadband
displacement seismograms.
FAULT PLANE SOLUTION: P-Waves
 NP1:Strike=100 Dip=55 Slip=  90
 NP2:        280     35       90
 Principal Axes:
  T                Plg=80  Azm= 10
  P                  10       190
Comment: The focal mechanism is
  poorly controlled and
  corresponds to reverse
  faulting. The preferred fault
  plane is not determined.
RADIATED ENERGY
 No. of sta:   9  Focal mech.  F
 Energy        1.1±0.3*10**13 Nm
MOMENT TENSOR SOLUTION
Dep  35            No. of sta: 14
Moment Tensor;   Scale 10**18 Nm
  Mrr= 7.07       Mtt=-7.34
  Mff= 0.30       Mrt=-0.25
  Mrf=-1.19       Mtf=-0.44
 Principal axes:
  T  Val=  7.27  Plg=80  Azm= 94
  N        0.10     10      266
  P       -7.37      1      357
Best Double Couple:Mo=7.3*10**18
 NP1:Strike= 96 Dip=45 Slip= 104
 NP2:        257     47       77
CENTROID, MOMENT TENSOR     (HRV)
Data Used: GDSN
L.P.B.: 28S, 80C  M.W.: 18S, 25C
Centroid Location:
Origin Time        01:12:44.4 0.2
Lat  6.31S 0.02 Lon 103.21E 0.02
Dep  36.4 BDY Half-duration  2.6
Moment Tensor;   Scale 10**18 Nm
  Mrr= 2.72 0.04  Mtt=-2.22 0.03
  Mff=-0.50 0.05  Mrt= 2.54 0.09
  Mrf=-1.28 0.09  Mtf= 1.23 0.04
 Principal Axes:
  T  Val=  3.91  Plg=67  Azm= 26
  N        0.14      0      117
  P       -4.05     23      207
Best Double Couple:Mo=4.0*10**18
 NP1:Strike=298 Dip=22 Slip=  91
 NP2:        117     68       90

KSI      2.15 345 iPc    13 15.50   2.9
                  e      25 00.00
TPI      5.36  57 ePc    14 02.00   3.7X
                  e      34 00.00
KGM      7.69   1 ePd    14 32.80   1.9
        0.8s   341.80nm          6.4mb X
                  i      14 55.00
                  i      15 31.50
KLM      8.89 350 eP     14 45.50  -2.2
TRT      9.62 102 ePc    15 26.20  28.5X
                  iS     15 51.80
IPM     10.45 348 ePc    15 07.80  -1.3
        0.5s    26.70nm          5.7mb X
                  e      18 13.20
KHKI    12.63 103 ePd    15 36.00  -2.6
                  eS     17 53.50
                  e      37 50.00
SNG     13.06 349 eP     15 41.00  -3.3X
        0.9s   137.82nm          6.0mb X
                  eS     18 04.00
WSI     17.43 104 ePd    16 38.00  -2.7
                  eS     19 58.00
                  e      27 47.10
KKM     17.51  48 ePc    16 45.00   3.2X
                  e      17 01.00
TSM     17.75  56 ePc    16 48.80   4.2X
        1.1s  1284.20nm          6.0mb
KUG     20.72 104 ePd    17 20.00   1.4
KHT     20.87 348 iPc    17 18.30  -1.8
NST     21.46 352 iPc    17 29.30   3.2X
MBL     22.29 135 eP     17 34.00  -0.3
        0.5s    45.00nm          5.2mb
MNI     22.79  72 ePd    17 41.00   1.7
LOE     23.02 357 eP     17 40.20  -1.3
BDT     23.18 350 eP     17 42.20  -0.8
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06d 01h

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CHTO   24.73 350 iPc   17 57.59  -0.5
                ed     18 08.35
OIZ    25.46  15 Pc    18 05.50   0.5
       0.8s   180.00nm          5.7mb
     N  17s   104.00um
     E  16s    55.90um
                S      22 27.00
                sS     22 42.00
                SS     23 28.00
DAV    25.74  61 ePc   18 10.00   2.4
       1.8s   *******nm         7.1mb X
MRWA   26.34 154 eP    18 11.00  -2.0
KNA    27.03 114 eP    18 19.10  -0.4
BAL    27.84 154 eP    18 27.00   0.2
BAG    27.94  38 ePc+  18 27.00  -0.9
       1.5s   561.11nm         6.0mb
SLKI   28.03  96 ePc   18 26.50  -2.1
SWI    28.46  81 eP    18 28.00  -4.5X
MTN    28.48 106 eP    18 34.00   1.4
                eS     24 04.00
MUN    28.84 157 eP    18 34.50  -1.2
     Z  20s   138.20um         6.6Msz
     N  20s    79.40um
     E  20s    70.60um
KLB    29.15 154 eP    18 36.50  -2.0
MCO    29.49  20 eP    18 44.20   2.6
HKC    29.87  21 eP    18 46.50   1.5
                eS     23 56.00
COOL   30.20 148 eP    18 46.00  -2.0
WARB   30.29 135 eP    18 49.00   0.2
GZH    30.31  19 iPc   18 49.00   0.1
       1.2s   120.00nm         5.6mb
     Z  16s    92.60um         6.5MszX
     N  14s    75.60um
     E  13s    42.50um
                S      23 50.00
KMI    30.66 359 iPc   18 52.66   0.4
       1.6s  4500.00nm         7.0mb X
     Z  20s   181.80um         6.7Msz
     E  10s   168.80um
                epPd   19 01.93  32kmX
                sP     19 15.50
                PP     19 59.00
                eS     23 54.75
                e      24 14.07
GYA    32.17   6 iPc   19 05.00  -0.3
       1.2s   240.00nm         6.0mb
     Z  20s    57.80um         6.3Msz
     N  16s   111.00um
     E  16s    47.90um
                PP     20 11.00
                PcP    21 54.20
                S      24 06.00
                sS     24 34.00
SHL    32.97 341 iPc   19 10.80  -1.6
                eS     24 25.00
WRA    33.44 118 P     19 15.90  -0.6
HYB    33.45 314 iPc   19 15.70  -0.9
       1.0s   120.00nm         5.8mb
                eS     24 36 00
WB2    33.45 118 iPc   19 16 10  -0.5
       0.6s   159.50nm         6.1mb
                eScP   24 27 40
                eS     24 39.30
                ePP    50 28.70
QZH    33.98  26 Pc    19 20.00  -0.9
       2.0s   750.00nm         6.3mb
     Z  20s    70.90um         6.4Msz
     N  16s    53.50um
     E  16s    43.30um
                PP     20 40 00
                S      24 36 00
FORR   34.26 140 eP    19 24 50   1.2
ASPA   34.55 124 iPd   19 25.30  -0.7
       0.9s   216.30nm         6.1mb
     Z  22s   117.00um         6.6Msz
                iS     24 53.80
                ePP    52 07.00
TATO   35.34  30 (P)   19 30.87  -1.8
ANP    35.54  29 iPc   19 36.00   1.6
                eS     25 20.00
CD2    36.43   1 Pc    19 40.10  -1.7
       1.0s   190.00nm         6.0mb
     Z  20s   123.00um         6.7Msz
     E  16s   113.00um
                iPP    21 09.20
                iS     25 20.00
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                isS    25 42.60
LSA    37.06 343 iPc   19 47.76   0.2
                epPd   20 00.01  45kmX
                iPP    21 14.83
                epPP   21 21.45
                eS     25 28.88
PKI    37.28 333 P     19 49.20  -0.1
GUN    37.36 334 P     19 50.60   0.5
DMN    37.44 333 P     19 50.80   0.1
KKN    37.52 333 P     19 51.00  -0.3
WHN    37.62  16 Pc    19 52.50   0.8
       1.5s   530.00nm         6.2mb
     Z  22s    92.20um         6.5Msz
     N  17s    51.70um
     E  16s    69.00um
                pP     20 07.50  59kmX
                PP     21 24.00
                S      25 40.00
POO    37.63 310 iPc   19 51.40  -0.6
                iS     25 40.00
GKN    37.99 333 P     19 55.20   0.1
OIS    38.31 116 iPc   19 57.30  -0.5
       0.6s   116.00nm         5.9mb
                eS     25 52.00
XAN    39.92   7 iPc   20 10.90  -0.1
       0.4s   150.00nm         6.1mb
     N  15s    56.30um
     E  15s    53.20um
                pP     20 20.40  32kmX
                sP     20 24.50
                PP     21 50.00
                SS     29 03.00
MNDI   40.28  93 eP    20 15.50   1.0
NJ2    40.43  21 Pc    20 16.40   1.3
       1.3s   330.00nm         5.9mb
     N  14s    11.00um
     E  14s    27.70um
                sP     20 30.00
                S      26 20.00
SSE    40.46  24 iPc   20 16.00   0.6
       1.0s   490.00nm         6.2mb
     Z  18s    59.00um         6.5Msz
     N  12s    17.70um
     E  12s     9.70um
                sP     20 28.00
                PP     21 52.00
                ScP    26 07.00
                S      26 16.00
                SS     29 12.00
LZH    41.59   1 iPc   20 25.47   0.7
       2.0s   952.00nm         6.2mb
     Z  20s    98.72um         6.7Msz
     E  15s    61.07um
                ipPd   20 36.06  37kmX
                PP     21 54.00
                iPP    22 03.29
                epPP   22 14.88
                iS     26 39.10
                eSS    29 50.29
                i      30 26.00
NDI    42.36 325 iPc   20 32.00   1.0
       0.8s   604.48nm         6.4mb
                eS     26 48.00
MDG    42.42  92 eP    20 32.70   0.9
LAT    43.59  94 eP    20 40.90  -0.4
TIA    43.72  16 P     20 41.50  -0.5
       1.1s   920.00nm         6.5mb
     N  15s   125.00um
     E  14s    64.10um
                PP     22 29.50
PMG    43.75  98 eP    20 42.00  -0.5
ADE    43.83 136 eP    20 44.00   1.0
       0.8s   149.25nm         5.8mb
TIY    44.07  11 Pc    20 45.00   0.1
       1.3s   340.00nm         6.0mb
     Z  20s    93.80um         6.7Msz
     N  20s   216.00um
                S      27 18.00
                sS     27 32.00
CTAO   44.21 113 iPc   20 48.25   2.0
                iS     27 18.74
                iSS    30 27.45
OLP    44.29 123 eP    20 47.00   0.2
       0.6s   515.00nm         6.5mb
STK    44.34 131 iPd   20 57.40  10.2X
       0.7s    55.80nm
                i      21 11.60
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                eS     27 32.50
GTA    45.01 356 iPc   20 52.80   0.3
       1.2s   820.00nm         6.5mb
     Z  20s    91.70um         6.7Msz
     N  15s    98.10um
                pP     20 58.00  17kmX
                PcP    22 34.40
                PP     22 39.00
                ScP    26 22.00
                S      27 31.00
                sS     27 39.00
KAGJ   45.26  34 P     20 54.20  -0.3
GUMO   45.64  65 ePc   20 55.43  -2.2
       0.8s   206.60nm         6.1mb
                epPd   21 07.68  44kmX
                ePP    22 52.30
                e      23 12.72
                eS     27 33.12
                e      28 59.20
                eSS    31 02.11
PJG    45.64  65 e(P)  20 56.00  -1.7
GUA    45.66  65 e(P)  20 56.10  -1.8
       0.4s   250.85nm         6.5mb
                e      21 03.30
KUMJ   46.26  33 P     21 02.40   0.1
BTO    46.52   7 iPd   21 05.00   0.6
       1.6s   770.00nm         6.4mb
     N  14s    70.80um
     E  14s    45.30um
                PP     22 53.00
                PcS    26 33.00
                S      27 52.00
                sS     28 04.00
                ScS    30 56.00
HHC    46.98   9 iPc   21 08.50   0.4
       1.2s   280.00nm         6.1mb
     Z  21s   156.00um         6.9Msz
     N  17s   114.00um
     E  17s    44.70um
                PP     22 56.00
                ScP    26 31.00
                S      27 56.00
                sS     28 13.00
BJI    47.09  14 iPc   21 09.08   0.3
       1.8s  1085.00nm         6.5mb
     N  15s   129.50um
                epPd   21 19.18  34kmX
                ed     21 21.66
                epP    22 56.00
                ePP    23 02.47
                eScP   26 35.00
                ePcS   26 40.00
                eS     28 00.32
                iScS   31 00.76
                eSS    31 07.00
CMS    47.43 128 iPd   21 12.00   0.3
       1.0s   107.00nm         5.8mb
                i      21 28.00
DL2    47.59  20 Pc    21 12.00  -0.7
       1.5s   630.00nm         6.4mb
     Z  16s    45.00um         6.5MszX
     N  16s    40.20um
     E  15s    29.50um
                eS     28 04.00
SHNJ   47.63  32 eP    21 13.90   0.8
BFD    47.64 137 iPd   21 19.40   6.2X
       1.0s   141.00nm         5.9mb
                i      21 32.00
RMO    48.09 121 iPd   21 19.00   2.0
       0.9s   170.00nm         6.1mb
RAB    48.84  91 e(P)  21 22.00  -0.9
TKSJ   49.12  34 P     21 24.90   0.2
YONJ   49.69  33 P     21 28.80  -0.3
QUE    49.78 318 iPc+  21 29.50  -0.6
       1.0s    72.50nm         5.7mb
                eS     28 35.00
TOO    49.86 136 iPd   21 33.60   3.1X
                i      22 02.00
                i      22 39.00
WKYJ   50.17  35 P     21 32.80   0.0
SNY    50.86  20 iPc   21 37.00  -0.8
       1.2s   470.00nm         6.3mb
     Z  20s    44.10um         6.5Msz
     N  15s    16.00um
     E  16s    31.20um
                iS     28 50.00
                SS     32 26.00
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WMO	51.25	346	iPc	21 41.24	0.3
			epPd	21 51.83	36kmX
			iPP	23 40.28	
			iS	28 55.62	
			e	29 06.79	
			e	29 15.48	
			eScS	31 27.91	
TSRJ	51.34	34	P	21 41.60	0.0
KSH	51.49	333	iPc	21 43.50	0.7
	1.1s	550.00nm			6.4mb
Z	20s	47.90um			6.5Msz
N	20s	37.00um			
E	20s	40.70um			
			iS	29 01.00	
PAF	51.61	207	P	21 45.00	1.6
			ePP	22 54.00	
			iS	29 06.00	
			eSS	33 00.00	
			eSSS	34 42.00	
ARMA	51.70	125	iPd	21 45.60	1.0
	1.0s	93.00nm			5.7mb
MTMJ	53.12	35	P	21 54.70	-0.4
CN2	53.25	20	iPc	21 55.00	-0.8
	1.2s	750.00nm			6.6mb
Z	20s	26.60um			6.3Msz
N	13s	25.10um			
E	13s	13.30um			
			epP	22 08.00	47kmX
			S	29 21.00	
MAJO	53.32	35	iPc	21 54.62	-1.8
			ed	22 04.22	
			ePP	24 00.83	
			e	25 09.93	
			iScP	26 59.74	
			eS	29 32.31	
			eScS	31 45.15	
			eSS	33 31.51	
MAT	53.32	35	iPc	21 54.50	-1.9
	1.4s	418.60nm			6.2mb
Z	20s	15.96um			6.1Msz
			eS	29 44.00	
CHJJ	53.44	36	P	21 55.50	-1.8
KAKJ	54.24	37	P	22 00.70	-2.4
NIIJ	54.26	35	P	22 01.70	-1.6
FRU	54.83	335	iP	22 07.00	-0.5
			eS	29 27.00	
MDJ	55.45	23	iPc	22 11.45	-0.4
			epPd	22 22.05	35kmX
			ePcP	23 11.21	
			ePP	24 18.42	
			eScP	27 06.08	
			eS	29 54.80	
			eScS	31 56.75	
YAMJ	55.50	35	eP	22 11.30	-1.0
TAS	56.14	330	iP	22 15.50	-1.4
			eS	29 57.00	
HNR	56.37	97	eP	22 18.00	-1.0
HIA	56.64	13	iPc	22 19.23	-1.2
			epPd	22 29.50	34kmX
			ePcP	23 16.34	
			ePP	24 30.17	
			e	25 50.62	
OFUJ	57.05	35	eP	22 21.80	-1.6
AOMJ	57.34	33	eP	22 26.30	0.9
IRK	57.77	1	iP+	22 28.00	-0.3
	2.0s	197.00nm			5.8mb
Z	16s	61.04um			6.8MszX
			e	22 33.10	
			e	22 51.00	
			ePcP	23 30.20	
			e	24 22.20	
			ePP	24 51.00	
			e	26 41.00	
			eS	30 24.00	
			ePS	31 04.00	
			eScS	32 14.00	
			e	32 32.00	
			eSS	35 08.00	
			LR	47 32.00	
MAIO	58.45	319	iPc+	22 32.00	-1.5
	0.9s	81.63nm			5.8mb
MRRJ	59.02	32	eP	22 37.30	0.2
SAP	59.60	32	eP	22 40.00	-1.1
CRZF	59.87	219	iPd	22 49.00	6.0X
			ePP	25 06.00	
			iS	31 06.00	
			eSS	34 54.00	
			eSSS	37 10.00	
HOOJ	60.18	33	eP	22 45.30	0.2
CSY	60.68	177	eP	22 57.80	9.6X
	0.7s	50.00nm			5.8mb
ASAJ	61.02	32	eP	22 49.90	-0.9
KUSJ	61.44	34	eP	22 52.60	-1.1
YSS	63.08	29	iPd	23 04.00	-0.5
			eS	31 41.00	
DZM	63.14	112	iPc	23 05.20	-0.3
			i	31 38.10	
PVC	64.63	107	iPc	23 15.50	0.3
AAE	65.83	282	eP	23 23.00	-0.4
DRV	65.92	165	eP	23 20.00	-2.7
			PP	25 45.00	
			S	32 10.00	
			SS	36 06.00	
			SSS	39 30.00	
KER	66.16	311	ePc	23 23.00	-2.0
NAI	66.34	271	P	23 28.00	1.3
Z	24s	7.05um			5.8MszX
			PcP	23 38.00	
			S	32 12.00	
			SS	36 24.00	
			LQ	41 08.00	
MAW	67.52	196	iPd	23 31.00	-1.9
	1.0s	165.00nm			6.1mb
BHD	67.78	309	iPd	23 34.00	-1.1
			ePPP	27 20.00	
			ePKS	28 08.50	
			eS	32 27.00	
			ePS	32 53.00	
			eSS	36 50.50	
MSL	69.94	312	iPd	23 47.00	-1.4
			ePcP	24 04.50	
			e	24 36.50	
			e	25 16.00	
			ePPP	28 14.00	
			eS	32 52.50	
			eScS	33 16.50	
			ePS	33 40.00	
EWZ	69.96	134	eP	23 48.40	0.1
YAK	70.58	13	iPc+	23 50.00	-1.7
	1.0s	1178.00nm			6.9mb
Z	18s	42.60um			6.7Msz
N	16s	6.70um			
E	18s	27.00um			
			ePcP	24 14.00	
			ePP	26 44.00	
			ePPP	28 15.00	
			eScP	28 17.00	
			ePcS	28 31.00	
			ePP	30 09.00	
			iS	32 59.00	
			e	33 16.00	
			iScS	33 42.00	
			eSS	37 19.00	
			eSSS	40 00.00	
LTZ	70.84	133	eP	23 53.00	-0.8
THZ	71.13	132	eP	23 56.20	0.6
WCZ	71.44	126	eP	23 58.50	1.0
KHZ	71.71	133	eP	23 58.20	-0.7
			e	24 13.40	
DIW	71.74	131	eP	23 58.80	-0.5
			e	24 11.80	
MRW	72.39	131	eP	24 02.50	-0.5
WEL	72.44	131	P	24 06.00	2.6
			S	33 18.00	
KIW	72.49	131	eP	24 02.30	-1.4
WDW	72.61	131	eP	24 05.60	1.3
KRI	72.63	254	iPc	24 23.20	18.1X
			ipP	24 30.70	24kmX
			i	24 55.00	
KUZ	72.63	127	eP	24 05.30	0.7
			e	24 19.50	
MOW	72.82	131	eP	24 05.30	-0.3
MTW	72.98	131	eP	24 06.60	0.1
PGZ	73.49	131	eP	24 09.20	-0.3
	0.7s	109.00nm			5.9mb
BUL	73.56	251	iPd	24 08.20	-2.2
	1.0s	33.50nm			5.3mb
			iPP	24 16.10	
			i	24 47.00	
SLR	73.92	245	iPc	24 09.50	-3.0X
	1.0s	70.00nm			5.6mb
Z	23s	18.18um			6.3MszX
MBH	74.26	303	iPc	24 12.70	-1.5
PRNI	74.32	304	iPc	24 13.30	-1.2
ASW	74.52	297	iP+	24 16.00	0.3
			eS	33 48.00	
HRI	74.57	307	eP	24 15.10	-0.9
SEK	74.58	242	iPc	24 14.50	-1.8
	0.6s	50.00nm			5.7mb
			i	24 29.50	
GAZ	74.67	311	eP	24 16.30	0.0
PRY	74.67	244	iPc	24 14.50	-2.3
	1.2s	110.00nm			5.7mb
HBZ	74.77	127	eP	24 17.00	0.1
PUZ	74.77	128	eP	24 16.20	-0.8
			e	24 30.50	
ATZ	74.81	306	eP	24 16.60	-0.7
PET	74.83	31	iPc	24 16.00	-0.9
			eS	33 44.00	
HVD	76.50	240	eP	24 27.20	0.0
			e	24 41.00	
FRS	76.63	241	eP	24 21.50	-6.2X
			i	24 34.60	
CSS	76.97	308	eP	24 29.00	-0.5
KIM	77.09	242	iPc	24 29.00	-1.5
HLW	77.25	302	eP	24 30.50	-0.6
			e	25 02.00	
			ePP	27 30.00	
			eS	34 16.00	
			e	35 02.00	
KAS	78.55	314	iPc	24 37.60	-0.5
BBTK	78.82	312	iPc	24 39.00	-0.7
TIK	79.03	8	iPc	24 38.60	-1.4
			iS	34 32.00	
BCK	79.79	310	eP	24 43.20	-1.7
ELL	80.13	309	iP	24 46.00	-0.8
ALT	80.57	311	iP	24 48.20	-0.9
GPA	80.75	312	eP	24 48.70	-1.2
KHL	80.83	310	eP	24 48.00	-2.4
MOS	81.29	329	iPc	24 53.00	0.7
			eSKS	34 58.00	
HRT	81.36	313	iP	24 52.20	-0.9
IZI	81.38	312	iP	24 53.10	-0.2
YER	81.49	309	eP	24 52.00	-1.9
YLV	81.51	312	iP	24 53.60	-0.4
GBZT	81.52	313	eP	24 53.00	-0.9
OBN	81.57	328	iPc	24 53.00	-0.8
	1.8s	1140.00nm			6.6mb
Z	20s	16.00um			6.4Msz
N	16s	3.80um			
E	20s	9.40um			
			ePcP	25 03.00	
			e	25 18.00	
			iPP	28 00.00	
			ePPP	29 50.00	
			iS	35 00.00	
			iPS	35 44.00	
			i	38 24.00	
			iSS	40 12.00	
			i	41 58.00	
			iSSS	43 36.00	
CER	81.77	237	e(P)	24 40.00	-15.4X
	1.0s	40.00nm			
DST	81.82	311	iP	24 55.20	-0.4
ISK	81.87	313	iP	24 54.60	-1.1
ITU	81.91	313	iPc	24 55.00	-0.9
BNT	82.53	312	iP	25 00.70	1.5
IZM	82.57	310	iP	24 59.00	-0.5
EDC	82.57	312	iP	24 59.00	-0.4
DMK	83.01	313	eP	25 01.20	-0.4
PSN	83.16	315	iPd	25 03.00	0.7
SMY	83.17	35	eP	25 02.50	0.4
PRK	83.51	310	eP	25 04.50	0.3
CFR	83.56	317	eP	25 04.00	-0.3
JMB	84.01	314	iPc	25 07.00	0.3
WIN	84.20	248	iPd	25 08.50	0.2
	1.4s	81.40nm			5.7mb
Z	20s	46.81um			6.9Msz
SPA	84.32	180	iPd	25 11.40	3.4X
	1.0s	108.50nm			6.0mb
Z	21s	17.46um			6.4Msz
BRD	84.40	317	eP	25 12.00	3.4X
CLI	84.49	318	ePd	25 10.50	1.5
ISR	84.66	316	ePd	25 12.50	2.6
KDZ	84.67	313	iPd	25 11.00	1.0
DIM	84.68	313	iPd	25 10.00	0.0
VRI	84.70	317	ePc	25 09.50	-0.6
PVL	85.07	314	iPd	25 13.00	1.1
NVL	85.08	199	ePc+	25 12.50	1.0
	2.0s	93.00nm			5.6mb
Z	20s	17.00um			6.4Msz

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     N  20s    11.00um
     E  20s    15.00um
                  ePcP  25 22.00
                  e     25 44.00
                  e     25 56.00
                  e     26 06.00
                  e     26 29.00
                  e     27 08.00
                  ePP   28 36.00
                  e     29 40.00
                  eS    35 29.00
                  eScS  35 49.00
                  ePS   36 24.00
                  e     38 39.00
                  eSS   41 26.00
                  eSSS  44 55.00
                  LR    52 00.00
BCAO    85.10 275 iPc   25 11.20  -1.5
        0.6s   14.00nm            5.3mb
                  i     25 22.90
MLR     85.15 316 iPc   25 13.00   0.5
RZN     85.20 313 iPc   25 13.00   0.1
ATH     85.21 309 eP    25 13.00   0.2
                  eS    35 36.00
VLI     85.59 307 eP    25 14.20  -0.5
PGB     85.77 313 iPc   25 15.00  -0.6
MMB     85.90 312 iPc   25 16.00  -0.2
TNR     86.33 316 ePc   25 19.00   0.8
MDB     86.36 317 iPc   25 23.00   4.7X
PUL     86.38 331 eP    25 18.00   0.0
                  eS    35 47.00
VTS     86.47 313 iPd   25 20.00   0.8
VAY     86.70 312 iP    25 19.30  -0.8
        1.4s  168.00nm            6.1mb
                  i     25 29.60
                  i     25 38.40
KZN     87.12 311 eP    25 21.00  -1.3
SKO     87.65 312 iPc   25 23.60  -1.1
        2.0s  158.00nm            5.9mb
     Z  22s     8.46um            6.1Msz
     N  20s     7.02um
     E  21s     6.76um
                  i     25 34.00
                  i     25 44.40
                  i     25 53.80
                  i     26 12.50
                  iPP   28 50.00
                  eS    35 40.00
                  ePS   36 50.00
                  LR    05 50.00
VLS     87.68 309 eP    25 25.30   0.4
CEI     87.95 318 eP    25 30.00   4.1X
BZS     88.15 316 eP    25 29.00   2.1
UZH     88.23 319 eP    25 30.00   2.7
ADK     88.41  38 ePd   25 28.17   0.1
        1.5s  319.30nm            6.4mb
                  e     25 42.00
TIM     88.45 316 iPd   25 30.00   1.7
PVY     88.83 313 iPc   25 30.20  -0.2
BEO     88.83 315 iPc   25 31.00   0.8
KAF     88.91 333 eP    25 30.70   0.5
        0.8s  152.20nm            6.4mb
IVA     88.92 313 iPc   25 30.30  -0.5
ULC     89.26 312 iPc   25 32.30  -0.1
NUR     89.31 331 eP    25 32.40   0.3
        0.9s  106.40nm            6.2mb
TTG     89.32 313 iPc   25 32.34  -0.2
PLE     89.36 313 iPc   25 33.42   0.5
NKY     89.57 313 iPc   25 33.92   0.0
BDV     89.62 312 iPc   25 33.62  -0.4
PSZ     89.70 318 iPd   25 34.00  -0.4
HCY     89.89 313 iPc   25 35.09  -0.2
BRY     89.91 313 iPc   25 35.34  -0.2
KRA     90.00 320 iP    25 36.50   0.9
        1.3s  202.00nm            6.2mb
                  i     25 47.00
                  i     25 58.80
                  e     36 31.00
LCI     90.01 310 P     25 36.00   0.2
BUD     90.21 318 eP    25 36.50  -0.1
UZD     90.39 317 iP    25 37.60   0.1
KEV     90.57 340 eP    25 45.00   7.2X
        0.9s    27.00nm           5.6mb
     Z  20s    11.40um            6.3Msz
                  LR    12 10.00
BRT     90.65 311 P     25 39.80   1.0
SRO     90.74 318 eP    25 38.70  -0.3

ILT     90.82  22 iPc   25 40.00   1.0
                  eS    36 08.00
ROI     90.98 309 P     25 41.90   1.5
GRI     91.01 309 P     25 41.88   1.3
        1.2s  159.60nm            6.3mb
TDS     91.16 310 P     25 42.70   1.5
SOI     91.21 308 P     25 45.70   4.3X
CSI     91.21 310 P     25 42.90   1.4
MMN     91.45 310 P     25 44.00   1.5
HVAR    91.47 313 eP    25 42.10  -0.4
ZST     91.59 318 iP    25 42.90  -0.1
MGR     91.81 310 P     25 44.00  -0.2
SGO     92.04 310 P     25 45.30   0.1
ZAG     92.09 316 ePc   25 46.00   0.7
PTJ     92.11 316 eP    25 45.60   0.0
VKA     92.12 318 iPc   25 45.40   0.0
        2.8s  460.00nm            6.4mb
                  i     25 50.60
                  i     26 05.00
                  i     29 32.70
MNO     92.26 308 P     25 47.90   1.3
KSP     92.41 321 ePc   25 46.00  -0.7
        0.9s   49.00nm            5.9mb
                  i     25 47.70
                  e     29 24.40
VBY     92.56 315 ePc   25 48.00   0.5
                  i     25 52.00
                  i     26 06.50
UPP     92.66 330 iP    25 47.60   0.0
        0.9s 2400.00nm            7.6mb X
                  i     36 20.00
LJU     93.12 316 ePc   25 50.00  -0.1
                  e     29 32.00
                  eSKS  36 27.00
RIY     93.16 315 eP    25 53.40   3.2X
CEY     93.17 315 eP    25 51.40   1.1
                  e     29 31.50
SDI     93.27 311 P     25 50.80  -0.1
PRU     93.44 320 P     25 51.90   0.4
        0.9s   20.60nm            5.6mb
     Z  19s    13.20um            6.4Msz
     N  19s     5.70um
     E  19s     9.80um
                  e     26 33.50
                  e     27 04.30
                  PP    29 34.80
                  S     36 56.00
                  ePS   38 28.00
KMR     93.56 318 eP    25 50.00  -2.0
VOY     93.56 316 ePc   25 51.50  -0.7
                  e     29 31.00
TRI     93.63 315 eP    25 52.00  -0.4
AQU     93.63 312 P     25 53.80   1.2
BSD     93.64 325 iP    25 52.60   0.4
        1.0s   66.00nm            6.0mb
BRG     93.89 321 iPc   25 54.20   0.7
        1.7s   95.00nm            5.9mb
     Z  18s     9.00um            6.3Msz
     N  20s     7.00um
     E  20s     5.50um
                  eSKS  36 25.00
                  iS    37 00.00
GEC2    93.90 319 Pd    25 52.30  -1.4
        1.0s   16.05nm            5.4mb
KHC     94.00 319 iPc   25 54.40   0.3
        1.6s   26.00nm            5.4mb
     Z  20s    14.70um            6.4Msz
     N  20s     2.70um
     E  20s    13.60um
                  e     26 04.80
                  e     29 44.30
                  S     37 06.00
KBA     94.02 317 iPc   25 53.70  -0.7
        1.1s   36.80nm            5.7mb
                  i     26 02.90
                  i     26 14.40
                  e     26 30.00
ARV     94.05 313 P     25 55.00   0.6
FVI     94.37 316 P     25 55.30  -0.5
WET     94.46 319 eP    25 56.60   0.4
        1.3s   85.00nm            6.0mb
     Z  19s    14.00um            6.4Msz
CLL     94.52 321 iPc   25 56.30  -0.1
        1.5s   41.00nm            5.6mb
     Z  18s     6.00um            6.1Msz
                  eSKS  36 27.00
                  eS    37 10.00

HFS     94.65 330 ePKP  25 56.70  -0.1
        0.8s   52.00nm            6.0mb
SFI     94.86 314 P     25 59.20   1.1
COP     95.09 325 eP    26 01.00   2.1
CTI     95.12 316 P     26 00.00   0.6
HOF     95.18 320 eP    26 00.50   1 0
     Z  19s    13.00um            6.4Msz
FIR     95.29 313 eP    26 04.00   3.9X
MOX     95.36 320 iP    26 01.00   0.7
        1.6s   55.00nm            5.8mb
     Z  20s     8.20um            6.2Msz
     N  21s     5.90um
     E  24s     5.80um
                  e     26 12.00
                  eS    37 14.00
FUR     95.47 318 eP    26 00.80  -0.1
     Z  19s    16.00um            6.5Msz
SQTA    95.48 317 iPc   26 00.10  -1.0
                  i     26 11.30
                  i     26 24.70
GRF     95.57 319 ePDIFc26 02.10   0.8
        1.3s   62.00nm            5.9mb
     Z  20s     6.60um            6.1Msz
                  ePP   29 52.00
OGA     95.59 316 eP    26 02.00   0.3
ANM     95.76  26 eP    26 03.60   1.8
NB2     95.91 331 P     26 01.80  -0.8
        1.1s   37.80nm            5.8mb
MUD     96.94 326 iP    26 08.00   0.8
        1.2s   20.00nm            5.5mb
                  i     29 33.00
TNS     97.37 320 eP    26 10.30   0.8
CDF     98.15 318 eP    26 12.90  -0.2
        1.0s    8.00nm            5.2mb
BNS     98.18 321 ePc   26 17.50   4.5X
     Z  20s    20.60um            6.6Msz
LPG     98.54 315 eP    26 14.90  -0.2
        0.9s   12.30nm            5.4mb
LPL     98.55 315 eP    26 15.10   0.0
        1.0s   19.00nm            5.6mb
BRW     98.63  19 ePc   26 15.80   1.2
HAU     98.78 318 eP    26 15.60  -0.2
        1.0s   18.00nm            5.6mb
     Z  20s     9.25um            6.3Msz
WLF     98.86 319 P     26 17.00   0.9
                  e     30 07.00
MEM     98.93 320 P     26 17.40   1.1
                  e     30 17.00
DBN     99.39 322 eP    26 16.00  -2.4
     Z  20s     8.50um            6.2Msz
                  e(SKS)37 47.00
                  e(SKKK53 22.00
DOU     99.85 320 P     26 21.80   1.2
                  e     30 22.60
                  SKS   37 10.00
TTA    100.00  27 eP    26 21.55   0.4
        1.1s   33.10nm            5.8mb
                  e     26 35.76
SNF    100.03 320 Pdiff 26 22.50   1.0
                  e     30 23.30
SVW    100.40  29 ePdiff26 24.70   1.7
LBF    100.42 317 ePdiff26 22.90  -0.5
        1.2s   16.35nm            5.5mb
LOR    100.48 317 ePdiff26 23.60   0.0
        1.2s   23.80nm            5.6mb
     Z  22s    12.50um            6.4Msz
SMF    100.53 316 ePdiff26 23.40  -0.4
        0.8s    6.05nm            5.2mb
IMA    100.54  24 ePdiff26 23.B8   0.3
        1.4s   43.30nm            5.8mb
                  e     26 38.48
SSF    100.74 317 ePdiff26 24.80   0.1
        1.0s   11.00nm            5.4mb
BGF    101.22 316 ePdiff26 27.00   0.1
        1.2s   23.80nm            5.7mb
DAG    102.56 348 ePdiff26 31.50  -0.7
     Z  19s    36.11um            6.9Msz
     N  19s    13.47um
COL    103.18  24 ePdiff26 35.26   0.1X
                  e     27 02.41
                  eHPP  30 51.36
                  ePP   30 52.04
                  eSKS  37 11.09
                  eSDIF 38 18.30
                  iPS   40 01.60
FBA    103.18  24 e(Pdif26 38.91   3.7X
        0.7s    7.40nm            5.5mb
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EBR    103.30 310 ePdiff26 42.00    5.8X
                  e     38 20.00
                  e     40 04.00
PMR    103.40  28 Pdiff 26 46.00    9.8X
        0.9s     15.00nm          5.8mb
     Z  19s      9.61um           6.3Msz
PMR    103.40  28 ePdiff26 39.30    3.1X
        1.1s     27.70nm          5.9mb
     Z  18s      8.60um           6.3Msz
TOA    104.63  27 ePdiff26 43.30    1.5
MBC    105.76  10 ePdiff26 54.00    7.6X
MBC    105.76  10 ePKP  31 07.00    7.9X
        1.5s     39.00nm
TOL    106.84 310 ePdiff27 01.00    8.9X
                  iPP   31 20.00
                  iS    38 53.00
TOL    106.84 310 (Pdiff26 56.72    4.6X
                  eHPP  31 20.39
                  iPP   31 20.89
                  iS    38 53.00
INK    107.17  19 ePdiff26 53.00    0.2
INK    107.17  19 ePKP  31 01.50   -0.4
MAL    107.47 307 ePKP  31 10.00    6.5X
                  i     37 37.00
AVE    110.30 303 ePKP  31 24.00   15.0X
                  i     31 40.00
YKA    116.93  19 ePdiff27 39.50    3.1X
        0.8s      0.50nm
YKA    116.93  19 ePKP  31 19.50   -1.2
        0.8s     12.50nm
PGC    121.83  35 ePKP  31 32.00    1.6
MCW    122.17  34 ePKP  31 31.42    0.3
GMW    122.79  35 ePKP  31 31.67   -0.7
BMW    123.09  37 ePKP  31 33.68    0.6
RMW    123.40  35 ePKP  31 34.18    0.5
PNT    123.56  32 iPKPd 31 35.00    1.2
        0.7s     53.00nm
LON    123.78  36 ePKPd 31 34.90    0.5
SHW    123.82  37 ePKPd 31 35.85    1.2
VGB    125.05  37 ePKPd 31 37.80    0.9
DPW    125.18  33 ePKPd 31 37.62    0.6
                  ePP   33 24.70
FHC    125.33  43 ePKPc 31 38.79    1.2
FOX    125.45  43 iPKPc 31 39.02    1.3
NEW    125.52  32 PKP   31 36.00   -1.7
WDC    126.41  43 iPKPc 31 39.71    0.1
LBFM   126.48  42 ePKPd 31 40.97    0.9
                  ePP   33 57.26
LTCM   126.86  43 ePKP  31 41.63    1.1
SES    127.07  27 ePKP  31 40.00   -0.6
        1.3s     89.00nm
FFC    127.10  18 ePKPc 31 50.00    9.5X
        1.0s     45.00nm
ORV    127.59  43 ePKP  31 42.67    0.7
PCC    127.91  46 ePKPc 31 43.07    0.5
MHC    128.50  46 iPKPc 31 44.90    1.0
ARN    128.58  46 ePKPd 31 45.07    1.2
CMB    129.07  44 iPKPc 31 44.95    0.1
                  ePPP  35 04.79
PRS    129.14  47 ePKPc 31 46.00    1.0
                  ePPP  35 05.33
LLA    129.33  46 ePKPc 31 46.40    1.1
                  ePPP  35 06.15
LRM    129.53  32 ePKP  31 46.00    0.2
PRI    129.74  47 ePKP  31 48.36    2.1X
                  ePPP  35 08.21
FRI    130.04  45 ePKP  31 47.31    0.7
                  ePPP  35 07.66
PHAM   130.07  47 ePKP  31 48.60    1.8
HPI    130.55  34 ePKP  31 48.33    0.5
                  ePP   34 00.88
                  iSKP  35 09.79
ABL    131.37  48 ePKP  31 51.16    1.6
                  iSKP  35 14.24
PTI    131.49  35 ePKP  31 51.00    1.5
                  iSKP  35 14.17
ISA    131.54  46 ePKP  31 50.00    0.4
ISA    131.54  46 ePdiff28 47.11    4.9X
                  iSKS  38 59.81
                  eSKKS 41 13.90
HVU    131.94  36 ePKPc 31 50.75    0.4
                  iPP   34 16.96
                  iSKP  35 14.53
SBB    132.46  47 ePKP  31 52.00    0.6
MWC    132.51  48 ePKP  31 53.00    1.3
SSK    132.78  48 (PKP) 31 52.57    0.4
DUG    132.89  38 ePKPd 31 53.10    0.9
                  iSKP  35 18.96
RVR    133.12  48 ePKP  31 53.00    0.4
DAU    133.69  37 ePKP  31 54.00    0.1
                  ePP   34 21.39
                  iSKP  35 23.89
                  i     35 40.78
PLM    133.79  48 ePKP  31 55.00    0.9
PFO    133.97  48 ePdiff28 59.87    6.7X
                  eSKS  39 11.00
TPC    134.03  47 ePKP  31 56.00    1.6
BAR    134.24  49 ePKP  31 55.00    0.2
MSU    134.29  39 ePKPc 31 55.77    0.8
                  iSKP  35 26.57
                  i     35 45.20
EMUT   134.33  37 ePKP  31 55.99    0.9
                  iSKP  35 25.89
RSSD   134.92  28 PKP   31 55.00   -1.0
     Z  20s      6.78um           6.4Msz
SRU    134.95  38 ePKP  31 56.29    0.1
                  iSKP  35 24.61
GLA    135.44  47 ePKP  31 59.00    1.9
BMA    137.34 227 (PKP) 32 05.00    4.0X
GOL    137.52  33 PKP   31 53.20   -7.9X
GLD    137.56  33 PKP   32 12.00   10.9X
     Z  20s     11.20um           6.6Msz
PDCR   138.35 244 ePKP  32 15.30   12.3X
RFA    138.96 191 iPKPc 32 03.00   -0.7
VAO    139.16 225 ePKP  32 04.00   -0.4
                  e     32 14.50
ANMO   140.10  39 PKP   32 15.00    9.1X
     Z  21s      6.88um           6.4Msz
ALQ    140.10  39 ePKP  31 59.35   -6.5X
                  e     34 58.13
                  ePP   35 40.99
                  iSKP  36 04.69
RSNY   141.27 357 PKP   32 03.00   -4.4X
     Z  20s     21.24um           6.9Msz
TCA    141.34 197 e(PKP)32 05.50   -2.5X
WLVO   141.93   2 PKP   32 07.04   -1.5
ACTO   142.16   4 PKP   32 04.54   -4.5X
RTBS   142.17 190 iPKPc 32 21.50   12.1X
RTCB   142.21 191 iPKPc 32 13.00    3.4X
ELF    142.47   5 PKP   32 06.20   -3.4X
STCO   142.61   3 PKP   32 06.54   -3.2X
TYNO   142.68   4 PKP   32 05.57   -4.3X
PPD    142.77 221 ePKP  32 11.10    0.4
                  e     32 21.10
                  e     32 34.60
DLA    142.78   6 PKP   32 06.60   -3.5X
ACO    143.02  30 iPKPc 32 08.50   -2.2X
WVLY   143.37   2 ePKP  32 07.28   -3.9X
CLE    144.14   6 iPKP  32 09.60   -2.9X
CYA    144.40 197 ePKP  32 10.00   -3.4X
BAO    144.41 233 PKPc  32 13.00   -0.8
                  e     32 20.00
TBR    144.65 357 ePKPd 32 11.60   -1.7
MEO    144.79  32 iPKPc 32 12.10   -1.7
PNJ    144.88 356 iPKP  32 13.10   -0.6
LVNJ   145.01 357 iPKPc 32 12.60   -1.3
                  eSKP  35 30.78
SIO    145.17  28 ePKPc 32 14.50    0.1
TUL    145.27  28 ePKPc 32 14.10   -0.4
        1.6s    845.70nm
                  e     32 29.30
                  e     35 45.00
                  e     38 53.00
                  eS    45 43.00
                  e     48 26.00
                  e     50 43.00
                  e     54 51.00
                  e     56 16.00
                  LR    25 16.00
RLO    145.41  26 ePKPd 32 13.20   -1.6
FVM    145.59  19 ePKPc 32 14.27   -0.8
                  eSKP  35 34.97
VVO    145.77  28 ePKPc 32 15.30   -0.1
MCWV   146.11   4 ePKP  32 17.38    1.5
ELC    146.61  18 ePKPc 32 17.34    0.6
                  SKP   36 13.84
MZX    146.62  56 (PKP) 32 19.00    1.9
LST    147.15  19 ePKP  32 18.08    0.5
OLY    147.44  23 ePKP  32 18.51    0.4
                  i     32 20.79
                  e     32 49.13
GRT    147.48  19 ePKP  32 20.90    2.8X
                  i     32 34.99
                  i     32 51.91
CBN    147.66   1 ePKP  32 22.00    3.7X
        1.0s    103.00nm
SLA    147.78 200 ePKPc 32 20.00    0.8
CVL    147.85   2 ePKP  32 19.46    0.8
                  i     32 22.23
                  e     32 57.00
BLA    148.49   5 ePKP  32 19.98    0.2
                  i     32 23.19
                  e     32 48.49
PWLA   149.09  18 ePKP  32 19.94   -0.8
                  i     32 24.87
                  e     32 55.45
GBTN   149.44  12 ePKP  32 21.73    0.5
                  i     32 26.36
TKL    149.53  11 ePKP  32 21.58    0.2
                  i     32 26.08
CEH    149.90   4 ePKP  32 22.69    0.8
                  i     32 27.62
ANT    150.09 192 ePKP  32 10.00  -12.5X
YJA    150.14 201 ePKP  32 24.30    1.0
AGX    150.60  54 (PKP) 32 33.00    9.7X
CGX    150.62  59 (PKP) 32 29.00    5.3X
COLM   150.63  61 (PKP) 32 24.00    0.4
LHS    151.15   7 ePKP  32 24.38    0.6
                  i     32 29.82
                  i     32 42.24
JSC    151.29   8 ePKP  32 24.37    0.3
                  i     32 29.87
PRM    151.32  10 ePKP  32 24.81    0.7
                  i     32 30.52
HBF    152.73   6 PKP   32 33.60    7.5X
HBF    152.73   6 e(PKP)32 25.51   -0.6
                  i     32 33.59
                  e     33 04.28
                  e     33 21.33
SIV    153.37 216 PKP   32 28.00    0.4
                  i     32 38.00
III    154.59  58 (PKP) 32 31.50    2.1X
CCH    154.73 205 PKP   32 31.00    1.3
PPM    154.97  56 (PKP) 32 32.50    2.2X
LPB    156.26 201 PKP   32 34.00    2.0X
                  SKS   43 23.00
                  LR    26 18.00
ZOBO   156.50 201 PKP   32 32.20   -0.3
        1.1s     72.51nm
                  SKS   43 34.00
                  LR    26 07.00
ARE    157.33 193 ePKP  32 34.00    0.8
OXX    157.51  58 (PKP) 32 36.70    3.5X
NNA    162.41 180 ePKP  32 37.50   -0.8
        1.1s     18.99nm
     Z  20s      3.19um
SDV    173.08 297 ePKP  32 40.50   -5.3X
PSO    175.48 174 ePKP  32 48.50    1.6
UPA    175.80  39 iPKPd 32 45.00   -1.4
BOG    177.03 249 ePKP  32 48.00    0.9
     S.D. = 1.1  on 379 of 450 obs.
-----------------------------------------
%  FEB  06, 1992  01h 27m 01.91± 1.35s
   43.128 N ± 8.1km     1.012 W ±11.7km
   DEPTH =  10.0km  (geophysicist)
 PYRENEES                          (378)
     ML 1.4 (STR).

BOH      0.03 180 Pg     27 03.96    0.0
ELYF     0.04  19 Pg     27 04.09    0.0
                  Sg     27 07.36
MADF     0.14  83 Pg     27 05.34    0.1
                  Sg     27 09.87
ISSF     0.19 122 Pg     27 06.15    0.0
                  Sg     27 11.20
ATE      0.23 100 Pg     27 06.84   -0.1
                  Sg     27 12.00
     S.D. = 0.1  on    5 of    5 obs.
-----------------------------------------
&  FEB  06, 1992  02h 14m 35.89s
   57.852 N          155.629 W
   DEPTH =  83.8km
   3.9mb (  1 obs.)
 ALASKA PENINSULA                  ( 12)
     <AEIC>.

MCNL     1.50  26 iPd    15 00.46   -1.3
                  eS     15 19.90
BGM      1.56   8 eP     15 01.00   -1.6
KDC      1.68  92 iPc    15 03.30   -0.8
AUI      1.88  37 iPd    15 05.55   -1.3
```

Sta	Dist	Az	Phase	Min	Sec	Res
			eS	15	28.77	
AUP	1.91	36	iPd	15	06.07	-1.2
			eS	15	28.52	
AUE	1.92	37	iPd	15	06.40	-0.9
PDB	2.08	20	iPd	15	07.80	-1.7
			eS	15	33.35	
INW	2.57	29	iPd	15	14.49	-1.9
INE	2.58	30	iPd	15	14.76	-1.8
XLV	2.60	50	eP	15	15.09	-1.5
CNPM	2.84	52	iPc	15	17.81	-2.2
			eS	15	50.28	
RED	2.97	29	iPd	15	19.79	-2.0
RS1	3.01	28	iPd	15	20.50	-1.9
RS2	3.01	28	iPd	15	20.55	-1.9
RSO	3.01	28	iPd	15	20.51	-1.9
RDW	3.01	28	iPd	15	20.50	-2.0
REF	3.04	28	iPd	15	20.89	-2.0
BRLK	3.13	50	eP	15	21.45	-2.5
DFR	3.14	28	iPd	15	21.97	-2.2
NNL	3.14	44	eP	15	22.67	-1.4
RDT	3.19	30	iPd	15	22.57	-2.3
SVW	3.27	0	iPd	15	23.60	-2.3
SDN	3.68	229	iPc	15	30.50	-1.1
BGL	3.80	24	iPd	15	31.14	-2.2
SPU	3.80	27	ePd	15	30.73	-2.6
SLKM	3.85	44	eP	15	30.58	-3.4
CRP	3.85	26	eP	15	31.96	-2.2
SEW	3.91	52	eP	15	31.47	-3.3
CGLM	3.93	26	ePd	15	32.35	-2.7
NCG	3.97	25	eP	15	33.46	-2.3
SUA	4.39	32	ePd	15	38.39	-3.2
LTI	4.59	58	eP	15	40.66	-3.5
PMS	4.59	40	ePc	15	40.70	-3.7
SKT	4.63	25	ePd	15	41.55	-3.3
MTU	4.66	59	eP	15	41.91	-3.3
PWA	4.79	35	eP	15	43.40	-3.6
PLRM	4.99	38	eP	15	46.49	-3.3
PMR	4.99	38	eP	15	46.30	-3.5
KNK	5.10	43	eP	15	46.77	-4.6
TTA	5.10	358	ePc	15	49.10	-2.3
GHO	5.19	38	eP	15	47.86	-4.8
CUT	5.29	28	eP	15	50.09	-3.9
GLI	5.32	52	eP	15	49.14	-5.2
SML	5.41	40	eP	15	50.93	-4.8
FID	5.51	54	eP	15	52.21	-4.9
VZW	5.63	51	eP	15	54.88	-4.0
HUR	5.94	27	eP	16	00.17	-2.8
SGAM	5.98	59	eP	15	59.10	-4.5
KLU	6.12	49	eP	16	00.88	-4.8
KTH	6.17	20	eP	16	02.28	-4.0
KAIM	6.17	66	eP	16	03.79	-2.5
TRF	6.20	23	ePd	16	02.47	-4.3
TOA	6.38	44	eP	16	06.10	-3.0
RND	6.49	28	eP	16	05.13	-5.6
TZL	6.63	46	eP	16	09.17	-3.3
MCK	6.74	26	eP	16	10.06	-4.1
SDG	6.87	43	eP	16	12.46	-3.4
GLB	6.98	54	ePc	16	12.89	-4.6
BWN	7.01	23	eP	16	12.49	-5.3
CROM	7.02	60	eP	16	13.73	-4.4
TGL	7.17	61	iPc	16	15.93	-4.1
PAX	7.18	40	eP	16	15.44	-4.8
NEA	7.45	22	eP	16	17.57	-6.2
BALM	7.48	59	ePc	16	19.91	-4.5
MLY	7.57	16	eP	16	19.92	-5.6
YAH	7.58	65	eP	16	21.25	-4.5
CCB	7.79	26	ePc	16	21.93	-6.5
HDA	7.79	29	eP	16	22.25	-6.3
CTGM	7.93	61	ePd	16	26.58	-4.0
MDM	7.96	23	ePd	16	24.46	-6.4
FBA	8.00	25	ePc	16	25.60	-5.8
GLM	8.17	25	ePc	16	27.39	-6.4
IMA	8.30	6	ePd	16	32.00	-3.6
PRP	9.05	28	eP	16	39.67	-6.3
BRW	13.52	358	eP	17	40.30	-4.7
INK	14.38	34	eP	17	50.00	-6.3
YKA	20.65	60	eP	19	05.00	-5.4
	0.6s	3.90nm				3.9mb

77 obs. associoted

FEB 06, 1992 02h 18m 15.78± 1.16s
28.352 N ± 6.9km 52.597 E ± 3.7km
DEPTH = 40.7 ± 10.0 km
4.6mb (33 obs.) 4.8Msz (1 obs.)
SOUTHERN IRAN (353)

Sta	Dist	Az	Phase	Min	Sec	Res
SHI	1.29	357	iPd	18	39.00	1.2
KER	7.60	323	eP	20	15.00	8.0X
BHD	8.60	307	eP	21	10.00	49.4X
			eS	23	22.50	
			eSS	23	34.00	
			eLQ	24	58.00	
MAIO	9.84	35	eP	20	42.00	4.2X
MSL	11.30	317	ePn	21	04.00	6.3X
			eSn	22	53.50	
QUE	12.67	78	eP	21	14.80	-1.4
KAS	20.13	315	eP	22	49.50	0.4
POO	21.78	112	iPd	23	06.20	0.2
CFR	25.65	317	eP	23	42.00	-1.2
HYB	26.22	109	eP	23	49.00	0.2
VRI	26.87	318	ePc	23	55.00	0.5
MLR	27.14	316	eP	24	00.00	2.8X
GKN	28.20	83	P	24	06.60	-0.4
DMN	28.67	84	P	24	11.00	-0.3
KKN	28.80	83	P	24	08.80	-3.6X
PKI	28.95	84	P	24	13.20	-0.7
GUN	29.30	83	P	24	16.60	-0.5
SRO	32.88	316	e(P)	24	47.30	-0.6
KRA	32.91	320	eP	24	51.90	3.7X
ZST	33.78	316	e(P)	24	55.70	0.0
KSP	35.35	320	iPd	25	09.50	0.3
KBA	35.77	312	iPc	25	13.50	0.4
	1.1s	15.30nm				4.8mb
			i	25	20.90	
GEC2	36.12	315	Pd	25	15.30	-0.5
	0.6s	1.41nm				4.0mb
KHC	36.29	316	P	25	18.00	0.8
	1.1s	5.00nm				4.3mb
Z	22s	1.80um				4.8Msz
N	22s	0.90um				
E	22s	1.30um				
			e	25	20.80	
BRG	36.72	319	e(P)	25	20.40	-0.3
SQTA	37.21	312	iPc	25	24.90	-0.2
	0.7s	11.20nm				4.9mb
NUR	37.27	337	iP	25	25.30	0.1
	0.4s	5.90nm				4.8mb
FUR	37.43	313	eP	25	26.10	-0.7
CLL	37.43	319	iPd	25	27.10	0.4
	1.3s	22.00nm				4.9mb
			e	25	55.00	
KAF	37.96	340	eP	25	30.70	-0.2
	0.4s	3.40nm				4.6mb
LPG	39.86	308	eP	25	47.10	-0.3
	0.8s	3.35nm				4.2mb
LPL	39.87	308	eP	25	46.90	-0.6
	1.0s	8.00nm				4.5mb
BCAO	40.16	240	ePc	25	50.30	0.5
	0.5s	3.00nm				4.3mb
BSF	40.26	312	eP	25	50.20	-0.3
	0.8s	6.70nm				4.5mb
HFS	41.21	332	eP	25	57.80	-0.1
	0.5s	8.90nm				4.8mb
LBF	41.99	310	eP	26	04.00	-0.6
	1.0s	4.00nm				4.1mb
SMF	42.03	309	eP	26	04.60	-0.3
	1.0s	9.00nm				4.5mb
SSF	42.32	310	eP	26	07.10	-0.2
	0.8s	5.35nm				4.3mb
NB2	42.73	332	P	26	09.40	-1.0
	0.8s	4.50nm				4.3mb
CHG	43.30	92	ePc	26	15.60	0.0
	0.9s	11.34nm				4.6mb
CHTO	43.30	92	eP	26	15.80	0.2
	0.7s	8.58nm				4.6mb
RJF	43.49	307	eP	26	17.50	0.7
	1.2s	11.90nm				4.5mb
LZH	43.62	66	Pc	26	18.80	0.6
	1.0s	23.00nm				4.9mb
			pP	26	28.50	32kmX
			sP	26	31.50	
LPO	43.68	306	eP	26	18.70	0.4
	0.8s	6.70nm				4.4mb
LFF	44.01	306	eP	26	21.60	0.6
	0.6s	5.40nm				4.5mb
KHT	44.60	98	iPc	26	26.80	0.8
LDF	44.95	312	eP	26	28.10	-0.4
	0.8s	5.35nm				4.5mb
FLN	45.21	312	eP	26	30.10	-0.5
	1.2s	23.80nm				4.9mb
GRR	45.41	311	eP	26	31.90	-0.3
	1.2s	14.90nm				4.8mb
LPF	45.50	311	eP	26	33.40	0.6
	1.2s	20.85nm				4.9mb
TIC	58.45	260	P	28	09.94	-0.3
LIC	58.66	259	P	28	11.40	-0.3
SSE	58.75	69	P	28	12.00	0.0
	0.9s	8.00nm				4.8mb
PRY	60.02	206	eP	28	17.00	-4.0X
SEK	61.22	205	eP	28	37.00	7.8X
	0.7s	13.70nm				5.2mb
MBC	75.53	358	eP	29	58.00	0.8
	0.5s	1.00nm				4.0mb
INK	83.53	2	eP	30	41.00	0.7
YKA	88.89	354	eP	31	07.40	0.6
	0.7s	2.20nm				4.6mb
WRA	92.36	111	P	31	24.20	0.7
	0.7s	1.20nm				4.4mb
WB2	92.37	111	eP	31	23.20	-0.3
	0.7s	3.30nm				4.9mb
ASPA	93.81	115	eP	31	30.90	0.8
	0.7s	3.80nm				4.9mb
SIV	118.01	266	(Pdiff	33	34.00	15.3X

S.D. = 0.6 on 52 of 62 obs.

FEB 06, 1992 02h 58m 50.63± 1.04s
36.707 N ± 5.8km 6.288 W ± 8.7km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)

Sta	Dist	Az	Phase	Min	Sec	Res
SFS	0.25	165	eP	58	54.30	-1.7
GIBL	0.29	66	eP	58	56.60	-0.2
ALJ	0.55	93	eP	59	01.40	-0.5
MOMI	0.60	130	eP	59	03.70	1.0
EJIF	0.71	111	eP	59	05.50	0.9
			eS	59	14.50	
PLAT	0.72	144	eP	59	06.00	1.1
LIJA	0.73	75	eP	59	04.40	-0.6
EPRU	0.89	73	iP	59	07.20	-0.5
			iS	59	21.90	
EVAL	0.95	337	iP	59	09.00	0.3
			iS	59	22.90	
EHOR	1.39	36	iP	59	16.20	0.2
			iS	59	35.20	

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

FEB 06, 1992 03h 00m 30.05± 1.26s
6.727 N ± 5.6km 125.636 E ±11.0km
DEPTH = 26.0 ± 9.8 km
4.8mb (9 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

Sta	Dist	Az	Phase	Min	Sec	Res
DAV	0.36	350	iPc+	00	38.10	0.0
MNI	5.31	189	ePc	01	51.00	1.3
			eS	02	51.10	
PCI	9.54	218	e(P)d	02	48.50	-0.3
			e	06	42.00	
MTN	20.20	164	eP	05	05.40	-0.4
KNA	22.55	172	eP	05	29.50	-0.1
IPM	24.58	266	ePc	05	50.10	0.6
WB2	27.86	162	iPc	06	18.20	-1.6
	0.7s	16.60nm				4.9mb
			ipP	08	18.80	
			eS	11	18.00	
CHTO	28.62	297	eP	06	27.80	1.1
	1.0s	3.25nm				4.0mb
QIS	30.39	153	iPc	06	41.90	-0.6
	0.4s	5.00nm				4.7mb
ASPA	31.27	165	iPd	06	48.80	-1.4
	0.5s	15.70nm				5.1mb
			epP	07	43.30	277kmX
			eS	11	49.60	
BJI	34.24	347	eP	07	14.00	-1.9
	1.0s	7.00nm				4.5mb
LZH	35.39	329	eP	07	24.00	-2.0
	1.0s	21.00nm				5.0mb
			pP	07	29.00	17kmX
			sP	07	30.50	
RMQ	39.91	147	eP	08	04.00	0.2
			i	08	44.00	
ADE	43.27	164	eP	08	31.80	0.6
	0.5s	126.76nm				5.9mb X
TOO	47.81	159	iPd	09	08.20	0.8
DZM	49.17	127	iPc	09	19.00	0.8
YAK	55.26	2	eP	10	04.30	1.2
	1.0s	40.00nm				5.4mb
MAIO	66.85	307	eP	11	18.00	-4.3X
BRW	79.70	19	eP	12	37.80	1.1
IMA	80.11	24	eP	12	40.50	1.3
PMR	81.86	29	eP	12	48.90	0.7
	0.7s	10.40nm				5.0mb

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FBA     82.50  25 eP     12 52.00    0.5
INK     87.79  21 eP     13 17.00   -0.8
MBC     89.28  13 eP     13 29.00    4.1X
YKA     97.23  24 eP     14 00.60   -1.0
         0.7s     0.60nm          4.2mb
PPD    164.50 191 ePKP   20 38.90    5.7X
                  e      20 40.40
                  e      20 50.40
SIV    168.69 145 PKPd   20 40.00    3.5X
     S.D. = 1.1  on  23 of  27 obs.
-----------------------------------------
   FEB  06, 1992  03h 14m 56.05± 0.29s
   40.416 S ± 5.2km   74.518 W ± 7.0km
   DEPTH =  34.0km  (  6 depth phases)
   5.2mb ( 19 obs.)  5.0Msz (  1 obs.)
 OFF COAST OF SOUTHERN CHILE      (143)

LNV      6.91  22 eP     16 36.50   -1.0
CACH     7.02  28 iPc    16 40.20    0.9
                  eS     17 01.50
CHCH     7.17  27 iPc    16 42.10    0.8
                  eS     18 03.00
LCCH     7.32  20 ePc    16 42.40   -0.9
                  eS     18 04.50
RFA      7.40  42 iP     16 42.90   -1.7
PCH      7.50  27 iPc    16 46.20    0.3
                  eS     18 11.50
SAN      7.60  25 eP     16 47.00   -0.3
                  eS     18 13.50
PEL      7.88  24 iPc    16 50.50   -0.8
                  iS     18 20.00
ROCH     7.94  22 eP     16 51.70   -0.6
                  eS     18 21.00
JACH     8.34  23 eP     16 56.50   -1.2
                  eS     18 36.60
ZON     10.03  30 eP     17 21.50    0.5
RTCB    10.04  29 iPc    17 21.50    0.4
                  S      17 52.80
CFA     10.15  32 iPd    17 23.00    0.4
TCA     12.11  45 iP     17 50.20    1.0
CYA     13.93  34 e(P)   18 09.00   -4.3X
SLA     17.38  29 ePc    18 52.50   -5.2X
YJA     19.73  25 eP     19 29.80    3.5X
ITB1    23.05  53 Pd     20 01.00    1.7
ARE     24.01   7 eP     20 13.00    4.0X
CCH     24.07  20 P      20 14.80    5.2X
LPB     24.44  15 P      20 17.80    4.5X
         1.0s   104.00nm          5.3mb
ZOBO    24.67  15 P      20 19.80    4.0X
         1.5s    76.34nm          5.0mb
VAO     29.00  62 eP     20 59.00    4.1X
                  e      21 06.90   27km
BMA     31.12  65 eP     21 17.90    4.2X
PDCR    41.67  58 eP     22 46.40    3.4X
                  e      22 50.20   13kmX
                  i      22 55.90
SPA     49.77 180 iPd    23 45.20   -1.9
         0.7s    19.92nm          5.3mb
NVL     51.29 155 (P)d   23 58 50    0.2
         1.4s    43.00nm          5.2mb
       Z  20s     1.60um          5 0Msz
       E  20s     1.10um
                  e      24 04 00   18kmX
                  e      24 10 00
HVD     77.72 120 eP     26 46 70   -4.6X
VVO     77.87 342 eP     26 52 80    1.2
MEO     78.05 340 iPc    26 52 20   -0.4
SIO     78.40 342 eP     26 54.20   -0.3
KIM     78.42 118 eP     27 03 50    8.3X
TUL     78.43 343 ePc    26 54.40   -0.3
         0.9s    41.80nm          5 5mb
                  e      27 05 60   37km
LNO     78.44 343 ePc    26 54 30   -0.3
                  e      27 05.30   36km
                  e      27 19.80
ELC     78.49 348 P      26 54.00   -1.0
RLO     78.51 343 e(P)   26 55.00   -0.1
LIC     78.67  72 P      26 59.04    2.5X
         0.8s    20.00nm          5.2mb
TIC     78.96  71 P      27 00.50    2.4X
         0.9s    18.00nm          5.1mb
KIC     78.97  72 P      27 00.66    2.5X
         0.9s    20.50nm          5.1mb
FVM     79.37 347 P      26 59.20   -0.6
         0.8s    18.77nm          5.1mb
                  pP     27 10.80   38km
ACO     80.00 340 eP     27 04.10    0.9
ALQ     80.56 334 P      27 06.90    0.5
ANMO    80.56 334 P      27 07.70    1.3
         1.2s    58.59nm          5.5mb
                  pP     27 16.20   27km
SEK     80.61 119 iPc    27 10.70    3.7X
         1.2s    31.25nm          5.2mb
PRY     81.42 118 eP     27 10.50   -0.7
         1.0s    15.00nm          5.0mb
GLA     82.04 327 eP     27 14.00    0.0
BAR     82.51 325 eP     27 17.00    0.6
SLR     82.74 118 iPd    27 20.00    1.8
         1.0s    23.00nm          5.2mb
PLM     83.17 325 eP     27 20.00    0.0
TPC     83.46 326 eP     27 22.00    0.6
RVR     83.94 325 eP     27 24.00    0.3
SBB     84.72 325 eP     27 28.00    0.3
SRU     85.71 333 P      27 32.00   -0.7
MSU     85.77 331 P      27 32.40   -0.7
ISA     85.83 325 eP     27 34.00    0.8
BUL     86.67 114 iPc    27 40.60    2.7X
         1.0s    16.00nm          5.2mb
                  iPP    27 47.20
DAU     87.12 333 P      27 40.40    0.6
TNP     87.35 328 P      27 41.80    1.0
         1.5s    30.30nm          5.3mb
DUG     87.49 332 P      27 41.10   -0.2
         1.3s    22.39nm          5.3mb
                  pP     27 53.20   40km
BW06    88.67 335 P      27 45.00   -2.0
         1.6s    31.14nm          5.4mb
HVU     88.87 332 P      27 46.90   -1.0
KRI     89.58 112 iPc    27 51.00   -0.9
                  ipP    27 58.10   22kmX
HPI     90.68 333 P      27 57.20    0.7
LRM     92.32 335 eP     28 04.60    0.7
BCAO    95.17  89 ePc    28 22.60    5.1X
         0.7s     6.00nm          5.1mb
YKA    107.50 342 ePdiff29 20.90    9.2X
         0.6s     0.20nm          4.4mb
WRA    114.21 210 PKP    33 32.00   -1.9
         0.5s     0.40nm
GEC2   117.98  48 PKP    33 48.40    B.0X
         0.6s     1.33nm
NB2    122.45  35 PKP    33 47.B0   -0.6
         1.0s     2.90nm
HFS    123.17  37 ePKP   33 48.30   -1.4
         0.3s     1.20nm
MAIO   144.02  81 iPKPc  34 28.40   -1.2
POO    145.17 119 ePKP   34 31.50   -0.5
QUE    147.17  96 ePKP   34 36.80    1.6
ASAJ   152.41 290 ePKP   34 45.70    3.2X
YAK    153.88 334 ePKP   34 49.50    5.6X
         1.2s    50.00nm
GKN    158.84 119 PKP    34 52.20    0.7
DMN    158.88 121 PKP    34 52.60    0.9
PKI    159.06 122 PKP    34 52.60    0.6
KKN    159.12 121 PKP    34 52.40    0.5
GUN    159.59 122 PKP    34 53.60    1.0
LZH    175.49 163 ePKP   35 00.00   -3.1X
         2.0s    21.00nm
     S.D. = 1.0  on  58 of  81 obs.
-----------------------------------------
   FEB  06, 1992  03h 28m 02.44± 1.37s
   44.514 N ± 3.8km  114.094 W ±12.3km
   DEPTH =   5.0km  (geophysicist)
 WESTERN IDAHO                    ( 33)
       ML 3.3 (BUT).

MCMT     0.94  70 iPc    28 20.80   -0.2
HPI      1.08 138 iPd    28 22.82   -0.6
JGI      1.10 112 iPd    28 23.51   -0.2
LLRI     1.15 133 iPd    28 24.59    0.1
CRBI     1.25 123 iPc    28 26.37    0.1
                  eS     28 42.16
PZCI     1.28  97 iPc    28 26.91    0.0
                  eS     28 44.13
NPRI     1.29 135 eP     28 26.79   -0.2
                  eS     28 43.58
CBTI     1.41 142 iPc    28 28.41   -0.6
                  eS     28 47.93
LTMT     1.42  89 eP     28 29.70    0.5
GBI      1.55 109 ePd    28 30.90    0.0
                  eS     28 52.25
BGMT     1.63  63 ePn    28 32.40    0.3
HBMT     1.66  39 ePn    28 32.50    0.0
LRM      1.75  41 ePnc   28 33.70   -0.2
BUT      1.85  35 ePg    28 37.70    2.5X
                  eSn    28 59.40
                  eSg    29 03.80
TMI      1.98 127 iPd    28 37.29    0.1
                  eS     29 03.47
PTI      2.06 142 iPd    28 39.42    1.1
HRY      2.71  35 ePc    28 47.40   -0.2
     S.D. = 0.4  on  16 of  17 obs.
-----------------------------------------
   FEB  06, 1992  03h 35m 15.32± 0.13s
   29.610 N ± 2.8km   95.521 E ± 2.6km
   DEPTH =  15.0km  (  9 depth phases)
   5.6mb ( 92 obs.)  5.0Msz (  6 obs.)
 EASTERN XIJANG-INDIA BORDER REG.(313)

SHL      5.16 220 iPc    36 33.60   -0.4
                  eS     37 17.00
KMI      7.82 123 Pd-    37 10.00   -1.4
         1.9s   300.00nm          6.2mb
       Z  12s    18.10um
       N  10s    12.60um
       E  10s    10.70um
                  pP     37 13.00
                  i      37 40.00
                  S      38 38.00
GUN      8.63 261 P      37 23.20    0.3
PKI      9.12 260 P      37 28.40   -1.2
KKN      9.17 261 P      37 30.00   -0.2
DMN      9.37 260 P      37 33.20    0.2
LZH      9.52  45 eP     37 32.50   -2.5
         1.5s   271.00nm          6.4mb
       Z  10s     8.01um          5.0MszX
                  sP     37 48.50
                  eS     39 17.00
                  SS     39 40.00
                  Lg     40 10.00
                  e      40 19.00
GKN      9.68 263 P      37 35.60   -1.6
CHG     11.19 163 ePc    37 57.60   -0.1
         1.2s    78.13nm          5.9mb
                  e      40 48.00
CHTO    11.19 163 iPc    37 57.80    0.1
         1.6s   131.23nm          6.0mb
BDT     12.72 165 eP     38 16.00   -2.3
LOE     13.41 154 eP     38 30.00    2.4
NST     14.51 162 eP     38 46.50    4.6X
KHT     15.02 168 eP     38 31.50  -17.2X
NDI     16.02 271 iPc    38 59.00   -2.6
         0.8s   134.33nm          5.1mb
HKC     18.27 109 eP     39 31.00    1.2
HYB     19.70 236 eP     39 46.20   -0.9
         1.0s   210.00nm          5.4mb
                  i      39 48.00    7km
                  eS     43 34.00
BJI     19.85  53 eP     39 45.00   -3.4X
         1.5s   103.00nm          4.9mb
       Z  14s     2.88um          4.9Msz
       N  13s     4.25um
                  eS     43 24.00
SSE     22.19  80 Pd     40 10.70   -1.7
         1.0s    36.00nm          4.8mb
       Z  12s     7.20um          5.3MszX
       N  12s     9.00um
                  pP     40 19.00   30kmX
                  sP     40 24.50
                  PP     40 38.00
                  i      40 52.50
                  S      44 12.00
                  sS     44 28.00
POO     22.61 246 iPd    40 18.20    1.4
         1.0s    60.00nm          5.0mb
                  iS     44 24.00
SNG     22.82 167 eP     40 20.00    1.1
BOM     23.25 248 iPc    40 22.80   -0.1
                  eS     44 41.00
IRK     23.56  14 eP+    40 26.00    0.3
         1.6s    98.00nm          5.1mb
                  e      40 31.00   18km
                  e      40 45.00
                  e      40 56.00
                  e      41 16.00
                  e      44 47.00
                  LR     49 13.00
IPM     25.43 167 ePc    40 46.10    2.0
         1.0s    28.40nm          4.9mb
BAG     26.47 114 eP     40 53.90    0.0
KKM     30.50 136 ePd    41 31.00    0.8
MAIO    30.83 292 iPc    41 34.00    1.1
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06d 03h

MAT	36.20	68	eP	42	16.00	-3.3X
	2.0s	117.65nm				5.4mb
SHI	37.21	281	eP	42	29.00	0.9
YAK	39.36	25	iPc+	42	44.20	-1.2
	1.2s	201.00nm				5.7mb
			epP	43	09.00	107kmX
			ePcP	44	32.00	
			ePP	44	37.00	
			ePPP	45	20.00	
			eS	49	07.00	
			eSS	49	56.00	
			e	58	40.00	
BHD	43.43	288	ePKPc	43	20.20	1.0
MSL	44.00	293	ePKPd	43	24.00	0.2
OBN	48.65	319	ePd	44	01.00	0.7
	1.3s	140.00nm				5.8mb
			epP	44	32.00	135kmX
			esP	44	41.00	
			ePcP	45	56.00	
			ePP	46	26.00	
			eS	01	28.00	
HRI	50.54	290	eP	44	22.90	7.7X
KAS	50.67	301	iPc	44	16.40	0.3
DSI	51.23	288	eP	44	19.80	-0.6
BBTK	51.64	299	iPc	44	24.00	0.4
RMN	52.13	287	eP	44	26.50	-0.9
YLV	54.08	301	eP	44	41.00	-0.5
CFR	54.23	306	eP	44	43.00	0.6
PSN	54.43	305	eP	44	45.00	1.0
ELL	54.43	296	iP	44	44.00	-0.3
KAF	54.61	327	iP	44	44.80	-0.3
	0.5s	11.10nm				5.1mb
CLI	54.65	308	ePd	44	47.00	1.4
			e	07	10.00	
KEV	55.12	337	eP	44	49.00	0.3
	0.9s	57.40nm				5.6mb
VRI	55.13	307	ePd	44	50.50	1.4
KNA	55.34	140	eP	44	31.30	-19.6X
ISR	55.36	307	ePc	44	52.50	1.6
			e	07	30.00	
NUR	55.36	325	iP	44	50.40	-0.2
	0.5s	16.00nm				5.3mb
MLR	55.73	307	iPd	44	55.00	1.4
JMB	55.79	303	iPc	44	54.00	0.1
KTK1	56.36	336	eP	44	57.75	0.1
CMP	56.39	307	ePc	44	58.00	-0.2
ALN	56.49	302	eP	44	58.56	-0.4
AAE	56.76	261	eP	45	00.50	-1.1
KDZ	56.80	303	eP	45	00.00	-1.2
TNR	56.86	308	ePc	45	02.00	0.4
PLD	57.23	303	eP	45	04.00	-0.2
RZN	57.31	303	iPc	45	05.00	0.0
PGB	57.52	304	iPc	45	06.00	-0.3
VTS	58.21	304	iPc	45	11.00	-0.2
SRS	58.26	302	eP	45	10.64	-0.7
BZS	58.69	308	ePc	45	16.00	1.6
			e	07	28.00	
KNT	58.76	303	eP	45	14.28	-0.6
UPP	58.90	325	iPc	45	15.70	0.1
	1.0s	200.00nm				6.2mb
VAY	58.96	303	iP	45	15.50	-0.7
KRA	58.96	313	eP	45	16.40	0.2
	1.0s	50.00nm				5.6mb
			e	45	22.50	20km
LIT	59.31	301	eP	45	17.24	-1.5
PSZ	59.39	311	eP	45	19.70	0.4
MOR7	59.60	332	eP	45	19.97	-0.5
SKO	59.63	304	iPc	45	20.00	-0.9
	1.3s	89.00nm				5.7mb
BEO	59.67	307	eP	45	21.00	-0.1
AGG	59.71	300	eP	45	19.84	-1.7
LOF	59.91	335	eP	45	21.33	-1.2
BUD	60.06	310	eP	45	23.80	0.1
OHR	60.31	303	eP	45	24.00	-1.6
SRO	60.46	311	eP	45	26.30	-0.2
IVA	60.51	305	iPc	45	27.22	0.2
PVY	60.53	305	iPc	45	27.97	0.8
UZD	60.55	310	iP	45	27.00	-0.1
PLE	60.76	306	iPc	45	29.37	0.6
HFS	60.82	325	eP	45	28.30	-0.5
	0.5s	33.60nm				5.7mb
	Z 16s	1.00um				5.1MszX
			LR	12	24.00	
NSS	60.95	331	eP	45	29.05	-0.6
BSD	61.06	320	iPd	45	30.00	-0.5
	0.9s	60.00nm				5.7mb
TTG	61.08	305	iPc	45	29.95	-0.8

KSP	61.10	315	iPc	45	30.90	0.1
	1.1s	91.00nm				5.8mb
ZST	61.16	312	iP	45	31.10	-0.2
	0.9s	273.00nm				6.4mb
NKY	61.17	305	iPc	45	31.12	-0.4
ULC	61.21	304	iPc	45	30.64	-1.1
BDV	61.43	305	iPc	45	30.55	-2.6
BRY	61.47	305	iPc	45	32.99	-0.6
HCY	61.62	305	iPc	45	34.37	-0.1
VKA	61.66	312	iPc	45	34.90	0.2
WRA	61.86	138	P	45	36.70	0.3
	0.8s	38.60nm				5.6mb
NB2	61.87	327	P	45	34.70	-1.3
	0.6s	35.20nm				5.7mb
COP	62.32	321	iP	45	40.00	1.0
	1.0s	92.00nm				5.9mb
PRU	62.38	314	Pc	45	39.90	0.4
	1.2s	73.60nm				5.7mb
			e	45	42.10	7km
			e	46	58.90	
PTJ	62.48	309	iP	45	40.00	-0.3
ZAG	62.49	309	eP	45	40.00	-0.2
BRG	62.54	315	iPc	45	41.00	0.5
	1.0s	90.00nm				5.9mb
BRN	62.62	317	eP	45	43.00	2.0
HVAR	62.88	306	eP	45	41.70	-1.1
KONO	62.94	325	eP	45	43.50	0.5
BRT	62.99	304	P	45	42.90	-0.7
WARB	62.99	149	iPc	45	43.40	-0.4
	0.4s	8.00nm				5.2mb
CLL	63.01	316	iPc	45	43.30	-0.3
	1.7s	120.00nm				5.8mb
VBY	63.06	309	eP	45	44.50	0.5
BAL	63.19	160	eP	45	44.00	-1.0
GEC2	63.20	313	P	45	48.50	3.5X
	0.7s	24.28nm				5.5mb
KHC	63.20	313	Pc	45	45.50	0.5
	1.0s	22.00nm				5.3mb
			e	46	04.20	71kmX
			e	46	22.20	
MOL	63.26	329	eP	45	45.23	0.1
LJU	63.40	310	e(P)	45	46.00	-0.3
CEY	63.56	309	ePc	45	47.40	0.0
WET	63.64	313	iPc	45	48.50	0.6
	1.0s	111.00nm				6.0mb
RIY	63.69	309	eP	45	48.90	0.7
VOY	63.83	310	ePc	45	48.50	-0.8
KBA	63.90	311	iPc	45	49.30	-0.5
	1.1s	65.80nm				5.7mb
			i	45	56.70	24km
MUD	63.92	322	iP	45	50.00	0.5
	1.0s	34.00nm				5.5mb
HOF	63.96	315	iPc	45	50.20	0.3
TDS	63.98	302	P	45	50.50	0.3
TRI	64.01	310	iPc	45	49.60	-0.7
MOX	64.03	315	iPc	45	50.50	0.1
	1.5s	111.00nm				5.8mb
BHG	64.03	312	iPc	45	50.80	0.4
	1.2s	133.00nm				6.0mb
MMN	64.17	303	P	45	50.60	-0.8
MUN	64.32	161	eP	45	51.30	-1.1
MGR	64.41	303	P	45	52.40	-0.6
FVI	64.41	311	P	45	52.00	-0.9
KLB	64.43	159	eP	45	52.00	-1.1
SGO	64.46	304	P	45	53.20	-0.1
GRF	64.53	314	iPc	45	54.70	1.0
	1.5s	167.00nm				6.0mb
	Z 20s	1.00um				5.0Msz
			e	45	57.00	7km
ASPA	64.55	141	iPc	45	50.60	-3.5X
	1.0s	84.70nm				5.9mb
			i	45	53.50	9km
SOI	64.69	301	P	45	56.40	1.6
VVI	64.83	310	P	45	55.40	-0.3
ASK	64.87	327	eP	45	56.90	1.2
COOL	64.91	156	eP	45	55.00	-1.3
FUR	64.94	313	iPc	45	57.10	0.8
	1.3s	303.00nm				6.3mb
SDI	65.17	305	P	45	56.90	-1.1
ARV	65.23	307	P	45	58.10	-0.2
SOTA	65.26	312	iPc	45	58.00	-0.6
	1.1s	75.30nm				5.8mb
			i	46	04.90	22km
AQU	65.26	306	P	45	58.90	0.4
CTI	65.32	310	P	45	58.20	-0.8
AZI	65.35	306	P	45	59.00	0.0
OGA	65.49	311	iPc	45	59.70	-0.4

	1.1s	103.00nm				5.9mb
OIS	65.51	134	eP	45	44.00	-16.3X
			i	45	59.50	56kmX
ASS	65.56	307	P	46	01.40	1.0
SFI	65.85	308	P	46	03.00	0.9
CRE	65.87	308	P	46	02.70	0.2
PGD	65.95	308	P	46	03.90	0.8
OSS	66.12	311	ePc	46	04.00	-0.1
SAL	66.21	310	P	46	05.10	0.7
FIR	66.30	308	eP	46	06.00	0.9
VDL	66.62	311	ePc	46	07.40	0.0
BNS	66.63	316	ePc	46	07.30	0.2
BDI	66.66	309	P	46	07.00	-0.5
MDI	66.69	311	P	46	07.20	-0.4
LLS	66.81	312	ePc	46	08.30	-0.3
PII	66.82	308	P	46	07.60	-0.8
SLE	66.84	313	ePc	46	08.50	-0.1
ZLA	67.00	313	ePc	46	09.30	-0.3
FEL	67.11	313	P	46	10.18	-0.2
TMA	67.14	311	ePc	46	09.80	-0.9
BOB	67.20	310	P	46	11.80	0.8
LIBD	67.28	313	P	46	11.37	0.1
VAI	67.28	311	P	46	10.60	-0.7
CDF	67.40	314	P	46	11.97	-0.2
ANM	67.43	28	eP	46	11.70	-0.3
ENN	67.44	317	ePc	46	12.50	0.2
	0.7s	27.00nm				5.5mb
MEM	67.44	316	iPc	46	12.68	0.4
ECH	67.54	314	P	46	12.65	-0.3
BBS	67.57	313	P	46	12.90	-0.3
FORR	67.65	150	eP	46	13.00	-0.7
	0.3s	3.00nm				4.9mb
WLF	67.67	315	iPc	46	14.79	1.1
MOF	67.68	313	P	46	14.00	0.1
BRW	67.68	19	ePc	46	13.30	-0.2
MMK	67.75	311	ePc	46	14.60	0.0
ORX	67.88	311	P	46	13.45	-1.9
PCP	67.88	310	P	46	14.17	-1.1
ORO	67.89	311	P	46	14.20	-1.1
BSF	67.90	313	iPc	46	15.30	-0.1
	1.0s	58.00nm				5.7mb
LOMF	68.04	313	P	46	15.71	-0.5
DIX	68.10	311	ePc	46	17.50	0.6
HAU	68.12	314	iPc	46	16.70	0.1
	1.2s	47.60nm				5.5mb
	Z 20s	0.85um				5.0Msz
FIN	68.23	309	P	46	16.12	-1.2
VITF	68.27	314	P	46	17.49	-0.1
UCC	68.36	317	P	46	19.00	1.0
EMS	68.42	312	ePc	46	18.90	0.2
ROB	68.42	310	P	46	18.48	-0.1
DOU	68.47	316	P	46	19.30	0.6
LSD	68.49	311	P	46	19.61	0.3
SNF	68.51	317	iPc	46	19.25	0.3
RSP	68.53	311	P	46	18.07	-1.3
IMI	68.55	309	P	46	19.40	0.0
BHB	68.64	310	P	46	17.86	-2.0
LPG	68.74	311	iPc	46	21.40	0.5
	1.0s	93.75nm				5.9mb
LPL	68.75	311	iPc	46	21.30	0.5
ENR	68.75	310	P	46	19.30	-1.4
STV	68.81	310	P	46	19.40	-1.6
PZZ	68.86	310	P	46	19.91	-1.5
SBF	68.87	309	eP	46	21.40	0.0
	1.0s	76.00nm				5.8mb
RRL	68.93	310	P	46	21.35	-0.6
BNI	68.95	311	P	46	22.20	0.2
FRF	69.51	309	eP	46	25.30	0.0
	1.2s	71.40nm				5.7mb
LMR	69.69	309	eP	46	26.30	0.0
	1.0s	72.00nm				5.8mb
LRG	69.75	309	eP	46	26.90	0.2
	1.0s	68.00nm				5.7mb
	Z 22s	0.82um				4.9Msz
LOR	69.96	314	iPc	46	27.60	-0.3
	1.0s	46.00nm				5.6mb
	Z 20s	0.75um				4.9Msz
LBF	69.99	313	iPc	46	27.90	-0.3
	1.0s	64.00nm				5.7mb
CDR	70.06	309	ePd	46	28.90	0.3
SMF	70.20	313	iPc	46	29.40	0.0
SSF	70.26	313	iPc	46	29.80	0.1
EDU	70.26	324	eP	46	29.80	0.2
	0.9s	76.00nm				5.8mb
ESY	70.31	324	eP	46	30.00	0.1
	0.7s	33.00nm				5.6mb
AVF	70.46	313	iPc	46	31.00	0.0

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EBL     70.59 324 eP     46 30.90  -0.7
        0.9s    33.00nm          5.5mb
EBH     70.64 324 eP     46 32.00   0.1
        0.9s    34.00nm          5.5mb
ELO     70.65 325 eP     46 32.00   0.0
        1.0s    38.00nm          5.5mb
COLF    70.73 312 P      46 32.79   0.1
EAU     70.77 324 eP     46 32.80   0.1
        0.8s    60.00nm          5.8mb
EKA     70.83 323 Pd     46 33.70   0.6
        0.7s    20.30nm          5.4mb
BGF     70.87 313 iPc    46 33.50   0.0
        0.6s    19.85nm          5.4mb
EAB     71.08 324 eP     46 34.90   0.3
        0.8s    21.00nm          5.3mb
IMA     71.18  24 ePc    46 34.80  -0.4
        1.4s    58.50nm          5.5mb
MAF     71.18 313 iPc    46 35.90   0.5
        1.2s    98.20nm          5.8mb
TCF     71.38 313 iPc    46 37.10   0.5
LSF     71.83 313 iPc    46 39.20  -0.1
        1.0s    34.00nm          5.4mb
TTA     71.89  27 ePc    46 39.20  -0.2
        1.1s    36.10nm          5.4mb
LDF     71.89 316 iPc    46 39.80   0.2
        1.0s    48.00nm          5.5mb
CAF     72.02 312 iPc    46 41.20   0.7
        1.0s    52.00nm          5.6mb
FLN     72.04 316 eP     46 40.50   0.0
        1.0s    36.00nm          5.4mb
      Z 20s      0.85um          5.0Msz
MBC     72.16   8 eP     46 40.50  -0.2
        0.6s     6.00nm          4.8mb
RJF     72.22 312 iPc    46 42.60   1.0
        1.2s   130.90nm          5.9mb
      Z 22s      0.73um          4.9Msz
GRR     72.43 316 iPc    46 43.10   0.4
        0.8s    43.00nm          5.6mb
LPF     72.69 316 iPc    46 44.70   0.4
        1.1s    48.85nm          5.5mb
LPO     72.69 312 iPc    46 45.20   0.8
MFF     72.74 314 eP     46 44.90   0.3
        1.1s    34.20nm          5.3mb
QLP     72.80 135 eP     46 45.00  -0.2
LFF     72.87 312 iPc    46 46.40   1.0
        0.6s    34.25nm          5.6mb
SVW     72.96  29 ePc    46 46.10   0.4
                pP       46 57.20  37kmX
DMU     73.42 323 eP     46 49.60   1.1
        1.0s    81.00nm          5.7mb
FBA     73.87  23 ePc    46 50.70  -0.2
        0.9s    61.60nm          5.6mb
                pP       46 59.10  27kmX
DCN     73.87 323 eP     46 52.40   1.3
        1.0s    70.00nm          5.7mb
PDB     74.25  30 P      46 52.00  -1.2
EGRA    74.74 310 eP     46 55.20  -1.1
STK     75.19 141 iPc    47 08.50   9.6X
        0.7s     9.20nm          4.9mb
PMR     75.32  27 ePc    46 58.70  -0.6
        1.2s   106.30nm          5.8mb
                pP       47 05.20  21km
RMQ     75.58 132 iPd    47 02.00   0.7
INK     75.87  17 eP     47 01.50  -0.8
        0.8s    33.00nm          5.5mb
ADE     76.05 145 iPc    47 03.80  -0.1
        1.0s   130.00nm          6.0mb
KDC     76.11  31 P      47 02.90  -0.9
        1.0s    75.00nm          5.7mb
TOA     76.14  25 ePc    47 04.70   0.7
BCAO    76.51 267 iPc    47 06.20  -0.7
        0.2s    36.00nm          6.1mb
                i        49 59.30
ETOR    76.53 309 iPc    47 07.70   1.0
KLU     76.61  26 P      47 06.30  -0.4
EVIA    77.85 308 iPc    47 15.20   1.2
GUD     78.02 310 iPc    47 16.20   1.3
BALM    78.23  25 eP     47 16.00   0.3
EHUE    78.30 307 iPc    47 17.60   1.1
TOL     78.31 309 iPc    47 17.20   0.8
ENIJ    78.43 306 iPc    47 17.50   0.4
KRI     78.52 243 iPd    47 36.20  18.2X
ECOG    79.24 307 iPc    47 21.80   0.1
EGUA    79.45 306 iPc    47 22.90   0.2
EPLA    79.59 310 iPc    47 25.10   1.7
BFD     79.72 144 iPc    47 28.00   4.0X
        1.0s    43.00nm          5.4mb
```

```
ARMA    80.11 133 iPc    47 27.90   1.6
        1.0s    32.00nm          5.3mb
EHOR    80.14 308 iPc    47 27.50   1.2
EPRU    80.55 307 iPc    47 28.90   0.3
EJIF    80.97 307 iPc    47 30.90   0.1
BUL     81.22 241 iPc    47 31.00  -1.4
        1.1s    25.32nm          5.2mb
EVAL    81.28 308 iPc    47 33.90   1.5
TOO     81.57 142 eP     47 34.00   0.2
IFR     82.20 304 iP     47 39.50   2.0
AVE     83.95 305 iP     47 47.50   1.2
TIO     85.08 303 iP     47 54.00   1.9
YKA     85.09  14 eP     47 51.00  -0.4
        0.8s     9.50nm          5.1mb
DZM     85.39 118 iPd    47 54.30   0.7
PRY     86.03 236 eP     47 50.00  -6.8X
        1.0s    15.00nm          5.1mb
SEK     86.74 235 eP     48 00.70   0.4
        1.1s    25.32nm          5.4mb
FFC     94.67  10 eP     48 36.00  -0.8
        1.4s    50.00nm          5.7mb
PNT     95.41  22 eP     48 41.00   0.6
KIC     95.75 281 P      48 42.30  -0.1
DPW     97.13  22 P      48 49.00   0.7
VGB     98.28  25 P      48 54.40   1.0
VAO    145.84 272 ePKP   54 55.90   0.3
PPD    149.28 276 ePKP   55 02.60   1.6
                e        55 06.40
ZOBO   159.97 308 PKP    55 17.00   0.9
        1.3s    14.20nm
LPB    160.12 307 PKP    55 16.80   0.8
      S.D. = 0.9  on 273 of 286 obs.
-----------------------------------
?  FEB  06, 1992  03h 39m 29.37± 1.11s
    6.878 N ±13.6km  125.122 E ±10.9km
   DEPTH =  33.0km  (normal)
   4.5mb (  1 obs.)
 MINDANAO, PHILIPPINE ISLANDS     (259)

DAV      0.50  65 iPc+   39 40.00   0.1
MNI      5.41 183 ePd    40 50.00   0.2
                eS       41 55.00
TSM      7.66 251 eP     41 21.50   0.0
PCI      9.36 214 e(P)c  41 49.00   3.9X
                e        45 54.00
ANP     18.53 350 eP     44 46.00  60.6X
MTN     20.48 163 eP     44 07.70   0.4
WB2     28.16 161 iPc    45 20.20  -0.7
        0.4s     4.40nm          4.5mb
                i        45 29.50
                i        45 35.70
      S.D. = 0.6  on   5 of   7 obs.
-----------------------------------
?  FEB  06, 1992  03h 42m 52.36± 0.93s
   44.295 N ±11.0km    7.488 E ± 6.9km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                     (545)
      ML 1.5 (GEN).

ENR      0.08 216 P      42 54.98   0.0
                S        42 56.60
STV      0.13 247 P      42 55.54   0.0
                S        42 57.75
ROB      0.27  90 P      42 58.16   0.0
                S        43 01.96
PZZ      0.35 307 P      42 59.60   0.0
                S        43 04.42
      S.D. = 0.0  on   4 of   4 obs.
-----------------------------------
   FEB  06, 1992  03h 54m 37.61± 0.20s
    5.684 S ± 4.6km  103.162 E ± 4.7km
   DEPTH =  33.3km  (  7 depth phases)
   5.3mb ( 35 obs.)  5.4Msz (  6 obs.)
 SOUTHERN SUMATERA, INDONESIA     (274)
      Felt in the Lampung area and at
      Jakarta.
      CENTROID, MOMENT TENSOR     (HRV)
      Data Used: GDSN
      L.P.B.: 21S, 38C
      Centraid Location:
      Origin Time        03:54:42.3 0.6
      Lat  6.36S 0.06 Lon 103.42E 0.08
      Dep  34.7 4.7 Half-duration  2.3
      Moment Tensor;   Scale 10**17 Nm
        Mrr= 2.15 0.19  Mtt=-1.83 0.16
        Mff=-0.32 0.29  Mrt= 2.61 0.47
        Mrf=-0.98 0.30  Mtf=-0.14 0.18
```

```
      Principal Axes:
       T  Val=  3.67  Plg=61  Azm= 28
       N       -0.51       9      282
       P       -3.16      27      187
    Best Double Couple:Mo=3.4*10**17
     NP1:Strike=256 Dip=20 Slip=  63
     NP2:        105     73       99

KSI      2.11 344 iPc    55 14.20   2.9
                i(S)     55 26.00
                e        03 00.00
TPI      5.34  57 iPd    56 02.20   5.1X
                e        07 00.00
KGM      7.65   1 eP     56 31.50   1.9
        0.5s    71.90nm          6.0mb
                i        57 03.50
KLM      8.86 350 eP     56 47.00   0.6
TRT      9.62 103 ePc    57 25.60  28.7X
IPM     10.42 348 ePd    57 07.00  -0.8
        0.6s    21.50nm          5.6mb
KHKI    12.64 103 ePd    57 36.50  -1.4
                eS       59 54.00
                e        05 19.00
SNG     13.03 349 eP     57 29.00 -14.0X
                eS       00 33.40
PCI     17.31  75 iPc    58 44.00   5.6X
                iS       58 49.50
                e        06 23.00
WSI     17.43 104 e(P)   58 40.00   0.0
                eS       01 49.10
                e        05 29.80
KKM     17.48  48 ePc    58 45.20   4.5X
        0.6s    50.20nm          4.8mb
                e        59 20.40
TSM     17.72  56 eP     58 49.00   5.4X
NNT     18.47 349 eP     58 51.80  -1.0
KHT     20.83 347 iPc    59 17.30  -1.8
NST     21.43 352 eP     59 29.00   3.9X
MBL     22.31 135 eP     59 34.00   0.1
LOE     22.99 356 eP     59 41.00   0.5
BDT     23.15 350 iPd    59 42.00  -0.1
        0.6s    75.00nm          5.4mb
CHG     24.69 350 ePc    59 56.50  -0.6
        0.8s    91.42nm          5.4mb
CHTO    24.69 350 iP     59 56.60  -0.5
        0.7s    77.83nm          5.4mb
DAV     25.71  61 eP     00 10.50   3.7X
KNA     27.04 114 eP     00 17.50  -1.5
BAG     27.91  38 eP     00 28.50   1.4
MTN     28.48 106 eP     00 33.00   0.9
KMI     30.62 359 Pc     00 51.50   0.2
      Z 16s    14.40um          5.7MszX
      N 15s    11.40um
                pP       01 03.00  43km
                sP       01 09.50
                e        02 22.50
SHL     32.94 341 iPc    01 09.50  -2.1
        0.7s    78.77nm          5.7mb
                eS       06 24.50
HYB     33.43 314 eP     01 15.20  -0.6
WB2     33.46 118 iPd    01 15.20  -0.9
        0.6s    47.90nm          5.6mb
                eS       06 51.00
ASPA    34.56 124 eP     01 24.90  -0.6
        0.6s    29.30nm          5.4mb
      Z 22s      7.70um          5.4Msz
                eS       06 52.40
PKI     37.25 333 P      01 48.00  -0.5
GUN     37.33 334 P      01 49.20  -0.1
DMN     37.41 333 P      01 49.40  -0.4
KKN     37.49 333 P      01 49.80  -0.6
POO     37.61 310 iPd    01 51.20  -0.1
GKN     37.96 333 P      01 54.10  -0.2
QIS     38.32 116 iPd    01 57.20  -0.1
        0.5s    34.00nm          5.4mb
                eS       07 56.00
LZH     41.55   1 Pc     02 24.80   0.9
        2.2s   131.00nm          5.3mb
      Z 20s      4.49um          5.3Msz
      E 15s      4.28um
                pP       02 47.00  94kmX
                sP       03 01.00
                PP       03 59.00
                PcP      04 40.50
                eS       08 10.00
                ScP      08 16.00
                PcS      08 17.50
```

sS 08 39.00
SS 10 50.00
ScS 12 26.00
NDI 42.33 325 iP 02 29.30 -0.9
0.7s 301.37nm 6.1mb
eS 08 47.50
MDG 42.42 92 eP 02 32.30 1.1
PMG 43.75 98 eP 02 43.00 1.0
1.1s 230.38nm 5.9mb
ADE 43.85 136 eP 02 40.20 -2.4
OLP 44.31 123 iPd 02 47.00 0.6
0.8s 206.00nm 6.0mb
i 03 08.30 89kmX
STK 44.36 131 eP 02 56.90 10.1X
0.6s 15.20nm
KAGJ 45.23 34 P 02 53.80 0.1
GUMO 45.61 65 eP 02 54.10 -2.8X
PJG 45.62 65 eP 02 54.10 -2.8X
GUA 45.64 65 eP 02 54.60 -2.5
0.8s 77.61nm 5.7mb
KUMJ 46.22 33 P 03 01.50 0.0
BJI 47.05 14 eP 03 08.50 0.6
1.5s 28.00nm 5.0mb
Z 16s 7.60um 5.8MszX
N 15s 5.40um
eS 10 01.00
SHNJ 47.60 32 eP 03 12.80 0.5
BFD 47.66 137 e(P) 03 04.00 -8.8X
e 03 21.00 67kmX
RMO 48.11 121 eP 03 18.00 1.5
i 03 29.00 38km
TKSJ 49.09 34 eP 03 24.20 0.3
YONJ 49.66 33 eP 03 28.80 0.5
WKYJ 50.14 35 P 03 32.00 0.0
TSRJ 51.31 34 P 03 41.30 0.5
ARMA 51.72 125 iPd 03 47.50 3.3X
0.7s 8.00nm 4.8mb
MTMJ 53.09 35 eP 03 53.30 -1.0
MAT 53.29 35 eP 03 54.00 -1.6
0.8s 16.42nm 5.1mb
CHJJ 53.40 36 P 03 54.10 -2.4
KAKJ 54.21 37 P 04 00.10 -2.2
OFUJ 57.02 35 eP 04 22.00 -0.7
IRK 57.74 1 eP 04 27.00 -0.5
2.5s 220.00nm 5.8mb
Z 16s 2.72um 5.5MszX
e 04 44.00 65kmX
LR 29 30.00
MAIO 58.43 319 eP 04 31.00 -1.7
0.8s 20.86nm 5.3mb
MRRJ 58.99 32 eP 04 33.00 -3.3X
HOOJ 60.15 33 eP 04 44.50 0.2
ASAJ 60.99 32 eP 04 49.40 -0.6
KUSJ 61.41 34 eP 04 51.50 -1.4
DZM 63.14 112 iPc 05 05.10 0.1
BHD 67.76 309 eP 05 34.00 -0.4
ePcP 06 03.50
eS 14 09.00
ePS 14 28.00
eScS 15 17.00
MSL 69.92 312 iPc 05 46.50 -1.2
YAK 70.54 13 iPd 05 50.60 -0.4
1.0s 121.00nm 5.9mb
Z 22s 2.10um 5.3Msz
N 18s 2.10um
ePcP 06 14.00
epP 06 17.00 104kmX
eS 15 00.00
ePS 15 48.00
KRI 72.65 254 eP 06 22.70 18.1X
ipP 06 30.30 24km
BUL 73.57 251 iPc 06 08.00 -2.0
1.2s 8.59nm 4.6mb
iPP 06 17.50
SLR 73.94 245 eP 06 10.00 -2.1
SEK 74.60 242 iPd 06 15.30 -0.6
0.7s 23.97nm 5.3mb
i 06 25.20 32km
HVD 76.52 240 eP 06 22.20 -4.6X
FRS 76.65 241 iPc 06 21.00 -6.3X
0.7s 13.70nm 5.1mb
CSS 76.96 308 eP 06 28.20 -0.7
KIM 77.11 242 eP 06 38.00 7.9X
KAS 78.53 314 eP 06 37.50 0.0
HRT 81.34 313 iP 06 41.00 -11.5X
IZI 81.36 312 iP 06 53.00 0.3
YLV 81.49 312 iP 06 52.50 -0.8
OBN 81.55 328 iPd 06 53.60 0.5
0.8s 43.00nm 5.5mb
Z 20s 1.70um 5.4Msz
i 06 58.00 14kmX
i 07 12.00
e 07 25.00
DST 81.80 311 eP 06 54.10 -0.8
ISK 81.85 313 eP 06 53.00 -2.1
IZM 82.55 310 iP 06 59.10 0.3
SPA 84.35 180 iPc 07 17.10 9.5X
1.0s 20.00nm 5.2mb
VRI 84.68 317 ePd 07 10.00 0.5
BCAO 85.10 275 iPc 07 14.30 2.1
1.2s 14.00nm 5.0mb
i 07 38.00 88kmX
NVL 85.11 199 (P)c 07 12.00 0.8
1.2s 17.00nm 5.1mb
Z 20s 1.60um 5.4Msz
N 20s 0.60um
E 20s 1.30um
e 07 31.00 69kmX
LR 36 00.00
MLR 85.13 316 ePd 07 13.00 1.1
SKO 87.63 312 eP 07 23.00 -1.1
i 07 43.00 72kmX
i 07 50.00
OHR 87.97 311 eP 07 23.50 -2.2
BEO 88.81 315 eP 07 30.20 0.6
KAF 88.88 333 iP 07 29.60 0.0
0.7s 28.80nm 5.7mb
NUR 89.28 331 eP 07 31.50 0.1
0.6s 10.90nm 5.3mb
PSZ 89.67 318 e(P) 07 34.00 0.3
KRA 89.97 320 eP 07 36.50 1.5
UZD 90.37 317 e(P) 07 46.00 9.1X
SRO 90.71 318 eP 07 39.20 0.8
ZST 91.57 318 e(P) 07 42.50 0.2
e 11 25.10
PTJ 92.09 316 i(P) 07 45.00 0.1
KSP 92.39 321 eP 07 47.20 1.1
VBY 92.54 315 eP 07 47.50 0.6
UPP 92.63 330 iP 07 46.60 -0.3
PRU 93.42 320 eP 07 51.60 0.8
e 08 02.50 34km
BRG 93.87 321 iP 07 54.20 1.3
i 08 04.60 32km
e 12 00.00
GEC2 93.88 319 P 07 52.70 -0.4
0.7s 3.26nm 4.9mb
KHC 93.98 319 eP 07 55.50 2.0
e 08 04.80 29km
CLL 94.49 321 iP 07 57.90 2.2
e 08 14.00 56kmX
HFS 94.62 330 ePKP 07 55.30 -0.8
0.5s 9.40nm 5.5mb
Z 19s 1.29um 5.4Msz
LR 55 55.00
MOX 95.33 320 e(P) 08 10.00 10.3X
NB2 95.88 331 P 08 00.90 -1.1
0.7s 3.50nm 4.9mb
BRW 98.59 19 eP 08 15.30 1.4
TTA 99.96 27 P 08 20.40 -0.1
0.7s 2.91nm 4.9mb
IMA 100.50 24 ePdiff08 24.00 1.1
0.7s 3.10nm 5.0mb
INK 107.13 19 ePKP 13 01.00 -0.4
YKA 116.90 19 ePKP 13 18.70 -1.4
0.7s 3.20nm
GMW 122.76 35 PKP 13 32.50 0.7
BMW 123.06 37 PKP 13 33.60 1.1
PNT 123.53 32 ePKP 13 33.00 -0.3
0.7s 13.00nm
LON 123.75 36 PKP 13 34.20 0.3
SHW 123.79 37 PKP 13 35.50 1.4
VGB 125.01 37 PKP 13 36.70 0.4
DPW 125.14 33 PKP 13 36.60 0.1
LBFM 126.45 41 PKP 13 40.50 1.0
SES 127.04 27 ePKP 13 40.00 -0.1
FFC 127.07 18 ePKP 13 40.00 0.1
0.7s 12.00nm
ARN 128.55 46 PKP 13 44.20 0.8
LRM 129.50 32 ePKP 13 45.20 0.0
HPI 130.51 34 PKP 13 47.90 0.7
PTI 131.46 35 PKP 13 50.70 1.8
ISA 131.51 46 ePKP 13 49.00 -0.1
HVU 131.91 36 PKP 13 51.00 1.2
SBB 132.43 47 ePKP 13 53.00 2.1X
DUG 132.85 38 PKP 13 52.90 1.3
DAU 133.66 37 PKP 13 55.50 2.1X
TPC 134.00 47 ePKP 13 57.00 3.2X
MSU 134.26 39 PKP 13 55.10 0.7
SRU 134.91 38 PKP 13 56.60 1.0
GLA 135.41 47 ePKP 13 58.00 1.5
VAO 139.19 225 ePKP 14 03.70 -0.2
PPD 142.80 221 ePKP 14 17.40 7.1X
ACO 142.99 30 e(PKP)14 09.00 -1.2
MEO 144.75 32 iPKPd 14 12.40 -0.8
LVNJ 144.98 357 PKP 14 11.60 -1.8
SIO 145.13 28 ePKP 14 13.90 0.1
LNO 145.24 28 ePKP 14 13.60 -0.3
TUL 145.24 28 ePKP 14 13.90 -0.1
0.7s 19.80nm
RLO 145.37 26 ePKP 14 13.70 -0.5
FVM 145.55 19 PKP 14 13.50 -1.0
VVO 145.73 28 e(PKP)14 15.40 0.5
MCWV 146.07 4 PKP 14 16.50 1.2
ELC 146.57 18 PKP 14 16.70 0.6
LST 147.11 19 PKP 14 15.30 -1.7
OLY 147.41 22 PKP 14 19.10 1.5
CBN 147.62 1 e(PKP)14 20.00 2.2X
CVL 147.82 2 PKP 14 19.60 1.5
SLA 147.82 200 ePKPc 14 22.00 3.3X
BLA 148.45 5 PKP 14 19.80 0.6
PWLA 149.06 18 PKP 14 20.00 -0.2
GBTN 149.40 12 PKP 14 20.70 0.0
TKL 149.49 11 PKP 14 21.30 0.4
CEH 149.87 4 PKP 14 25.40 4.0X
YJA 150.18 201 e(PKP)14 23.00 0.2
COLM 150.61 60 (PKP) 14 29.00 6.0X
LHS 151.11 7 PKP 14 28.70 5.4X
JSC 151.25 8 PKP 14 24.00 0.5
PRM 151.28 10 PKP 14 24.60 1.0
MRX 152.52 57 (PKP) 14 14.00 -11.7X
SIV 153.40 216 PKP 14 45.00 17.9X
CCH 154.76 205 PKP 14 39.00 9.7X
ZOBO 156.53 201 PKP 14 36.00 3.9X
SDV 173.07 298 ePKP 14 46.70 1.4
S.D. = 1.1 on 141 of 176 obs.

? FEB 06, 1992 03h 58m 51.73± 1.93s
36.774 N ±14.5km 6.225 W ±13.8km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
mbLg 2.8 (MDD).

EJIF 0.69 118 ePg 59 05.50 0.1
eSg 59 14.50
EPRU 0.82 76 iPg 59 07.20 -0.4
iSg 59 21.90
EVAL 0.91 333 iPg 59 09.00 -0.1
iSg 59 22.90
EHOR 1.31 36 iPn 59 16.20 0.3
iSn 59 35.20
S.D. = 0.6 on 4 of 4 obs.

FEB 06, 1992 04h 35m 01.24± 0.22s
5.775 S ± 4.5km 103.076 E ± 4.3km
DEPTH = 36.9km (15 depth phases)
5.4mb (34 obs.) 5.0Msz (4 obs.)
SOUTHERN SUMATERA, INDONESIA (274)

KSI 2.18 347 iPc 35 38.50 2.7
iS 35 55.50
e 42 00.00
TPI 5.46 57 iPd 36 25.00 2.7
e 46 00.00
KGM 7.74 2 ePd 36 55.50 1.1
e 37 49.90
KLM 8.93 351 eP 37 10.50 -0.4
TRT 9.68 102 ePd 37 49.50 28.2X
IPM 10.49 349 ePd 37 31.00 -1.3
KHKI 12.70 102 eP 37 59.00 -3.2X
eS 40 12.50
e 46 54.00
SNG 13.10 349 eP 38 07.30 -0.2
PCI 17.41 74 e(P)c 39 05.50 2.4
e 44 18.00
KKM 17.60 48 ePc 39 07.20 1.6
TSM 17.84 56 eP 39 10.50 2.0
NNT 18.54 350 eP 39 15.00 -2.1
KUG 20.79 103 eP 39 49.50 7.6X
e 41 40.00
KHT 20.90 348 iPc 39 41.70 -1.4
NST 21.51 352 eP 39 53.00 3.8X

```
MNI     22.89  72 ePd    40 03.00   0.1
LOE     23.07 357 eP     40 03.00  -1.7
BDT     23.22 350 eP     40 05.80  -0.3
        0.9s    47.10nm          5.0mb
CHG     24.77 351 iPc    40 20.60  -0.6
        0.8s    80.60nm          5.3mb
CHTO    24.77 351 iPc    40 20.70  -0.4
        1.1s   143.40nm          5.5mb
DAV     25.83  61 eP     40 32.60   1.4
BAG     28.03  38 eP     40 50.50  -1.0
MTN     28.54 106 eP     40 55.50  -0.4
WARB    30.30 135 eP     41 10.50  -1.1
KMI     30.71 359 Pc     41 15.50   0.1
        1.5s    70.00nm          5.2mb
                pP       41 23.50  28km
HYB     33.43 314 iPc    41 39.20   0.1
        1.0s    50.00nm          5.4mb
WB2     33.50 118 eP     41 38.00  -1.6
        0.5s    24.10nm          5.4mb
ASPA    34.58 124 iPc    41 47.80  -1.2
        1.1s    36.50nm          5.2mb
PKI     37.29 334 P      42 12.20   0.1
GUN     37.38 334 P      42 13.80   0.9
DMN     37.46 333 P      42 13.80   0.4
KKN     37.54 334 P      42 14.20   0.2
POO     37.60 311 iPc    42 14.50   0.0
GKN     38.01 333 P      42 18.50   0.6
OIS     38.36 116 iPc    42 20.00  -0.9
        0.8s    24.00nm          5.1mb
SSE     40.55  24 Pc     42 39.70   0.9
        1.5s   138.00nm          5.5mb
      Z  20s     0.90um          4.6Msz
      N  16s     1.00um
                pP       42 51.00  40km
LZH     41.65   1 Pc     42 48.00   0.1
        1.5s   124.00nm          5.4mb
      Z  20s     2.72um          5.1Msz
      E  14s     1.42um
                pP       43 14.50 115kmX
                sP       43 27.00
                PP       44 37.50
                eS       49 18.00
                sS       50 06.00
                SS       52 40.00
NDI     42.36 325 iP     42 54.00   0.3
        0.8s   145.52nm          5.8mb
                eS       49 13.00
PMG     43.82  98 iPc    43 04.90  -0.9
        1.0s   340.00nm          6.1mb
ADE     43.85 136 eP     43 06.00   0.2
QLP     44.33 123 iPc    43 10.20   0.4
        0.7s   109.00nm          5.8mb
STK     44.37 131 iPc    43 20.00   9.9X
        0.7s    15.20nm          4.9mb
                i        43 31.20  39km
KAGJ    45.35  34 eP     43 16.80  -1.1
GUA     45.75  65 eP     43 20.70  -0.6
        0.6s    96.00nm          5.9mb
KUMJ    46.35  33 P      43 25.30  -0.4
BJI     47.16  14 eP     43 32.00   0.0
        1.5s   158.00nm          5.8mb
      Z  16s     3.20um          5.4MszX
      N  14s     2.10um
                e        45 15.00 561kmX
                eS       51 10.00
BFD     47.65 137 iPd    43 39.50   3.5X
        1.0s    43.00nm          5.4mb
                i        43 50.50  38km
SHNJ    47.72  32 eP     43 35.80  -0.7
RMQ     48.14 121 eP     43 40.00   0.0
ARMA    51.74 124 eP     44 09.00   1.4
MTMJ    53.21  35 P      44 16.10  -2.3
MAT     53.41  35 eP     44 17.00  -2.8
        0.8s    19.40nm          5.2mb
CHJJ    53.53  36 P      44 18.40  -2.2
YAMJ    55.59  35 eP     44 34.60  -1.1
IRK     57.83   1 ePc    44 50.30  -1.0
        2.0s    97.00nm          5.5mb
                e        45 02.70  44km
MAIO    58.44 319 iPc    44 55.00  -1.1
HOOJ    60.27  33 eP     45 08.20  -0.2
ASAJ    61.11  32 eP     45 12.50  -1.6
KUSJ    61.53  34 eP     45 15.10  -1.9
DZM     63.19 112 iPc    45 27.60  -0.9
BHD     67.75 309 eP     45 57.00  -0.6
                eS       53 00.00
MSL     69.92 312 ePd    46 09.00  -1.9
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                e        46 20.50  38km
YAK     70.65  13 iPc+   46 13.30  -1.5
        0.9s   235.00nm          6.2mb
                i        46 25.00  39km
                e        55 22.00
KRI     72.54 254 iPd    46 44.00  16.8X
                ipP      46 55.00  36km
BUL     73.46 251 iPd    46 31.00  -1.5
        0.9s    10.50nm          4.8mb
                iPP      46 41.60
MBH     74.22 303 eP     46 35.80  -0.9
PRNI    74.28 304 eP     46 36.50  -0.5
SEK     74.48 242 eP     46 37.00  -1.4
        0.8s    14.93nm          5.0mb
PRY     74.58 244 e(P)   46 24.00 -15.0X
        1.0s    15.00nm
MMR     74.71 306 eP     46 40.20   0.7
CSS     76.94 308 eP     46 52.50   0.5
KAS     78.53 314 eP     46 59.00  -1.7
IZI     81.36 312 iP     47 16.00   0.2
YLV     81.49 312 iP     47 16.50   0.0
OBN     81.58 328 iPc    47 17.00   0.5
        1.6s   210.00nm          5.9mb
                e        47 34.00  61kmX
                i        47 53.00
IZM     82.54 310 iP     47 22.60   0.6
CFR     83.55 317 eP     47 28.00   1.1
WIN     84.11 248 e(P)   47 20.00 -10.5X
        1.0s    15.00nm
SPA     84.26 180 iPc    47 41.50  11.1X
        1.0s    11.50nm
VRI     84.69 317 ePc    47 34.50   1.8
NVL     85.00 199 (P)c   47 45.00  11.2X
        1.6s    35.00nm
                e        47 49.00  13kmX
BCAO    85.03 275 iPc    47 34.30  -0.8
        1.0s    25.00nm          5.4mb
                i        47 46.00  38km
MLR     85.13 317 ePc    47 36.00   0.9
VAY     86.68 312 eP     47 41.70  -0.9
SKO     87.63 312 eP     47 41.80  -5.4X
OHR     87.96 311 eP     47 44.50  -4.4X
BEO     88.81 315 e(P)   47 54.00   1.2
                i        48 04.50  33km
KAF     88.92 333 iP     47 53.70   0.8
        1.0s    49.60nm          5.8mb
NUR     89.32 331 iP     47 55.10   0.3
        0.9s    40.30nm          5.7mb
PSZ     89.69 318 eP     47 58.10   1.1
KRA     89.99 320 eP     47 59.50   1.3
        1.1s    57.00nm          5.8mb
                e        48 11.20  38km
                e        48 17.50
BUD     90.20 318 e(P)   48 07.00   7.7X
UZD     90.38 317 e(P)   48 01.00   0.9
SRO     90.72 318 iP     48 02.70   1.1
ZST     91.58 318 eP     48 06.00   0.4
                i        48 12.50  20kmX
PTJ     92.10 316 eP     48 08.60   0.4
KSP     92.40 321 iPd    48 10.80   1.5
                e        48 21.80  35km
                e        51 50.40
PRU     93.44 320 P      48 15.00   0.9
                e        48 26.10  35km
                e        52 11.50
BRG     93.89 321 iP     48 16.70   0.6
        1.1s    21.00nm          5.5mb
                i        48 28.20  37km
GEC2    93.89 319 Pc     48 15.80  -0.6
        1.0s     6.44nm          5.0mb
KHC     93.99 319 P      48 17.20   0.4
        1.3s     7.00nm          4.9mb
                e        49 31.50 311kmX
CLL     94.51 321 eP     48 19.00   0.0
        1.3s    19.00nm          5.4mb
HFS     94.66 330 ePKP   48 19.10  -0.4
        0.6s     3.40nm          5.0mb
      Z  19s     0.37um          4.9Msz
                LR       35 57.00
MOX     95.35 320 eP     48 24.00   1.1
        1.6s    16.00nm          5.2mb
GRF     95.56 319 ePDIFc48 25.20   1.3
                e        48 36.70  37km
NB2     95.91 331 P      48 24.60  -0.7
        0.9s     6.60nm          5.1mb
INK    107.24  19 ePKP   53 24.00  -0.7
YKA    117.01  19 ePKP   53 41.20  -2.3X
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        0.8s     3.10nm
MCW    122.26  34 PKP    53 54.90   0.9
GMW    122.88  35 PKP    53 55.60   0.4
BMW    123.18  37 PKP    53 56.40   0.5
PNT    123.65  32 ePKP   53 57.00   0.3
        0.7s     9.00nm
SHW    123.92  37 PKP    53 54.90  -2.6X
VGB    125.14  37 PKP    54 04.40   4.7X
DPW    125.26  33 PKP    53 59.90   0.0
LBFM   126.57  41 PKP    54 02.90   0.0
SES    127.16  27 ePKP   54 03.00  -0.5
                pP       54 15.00
FFC    127.18  18 ePKP   54 03.00  -0.3
        0.9s    16.00nm
ARN    128.67  46 PKP    54 04.10  -2.7X
LRM    129.62  32 ePKP   54 07.40  -1.2
HVU    132.03  36 PKP    54 13.60   0.4
SBB    132.56  47 ePKP   54 16.00   1.7
DUG    132.98  38 PKP    54 15.70   0.7
DAU    133.78  37 PKP    54 17.20   0.4
TPC    134.13  47 ePKP   54 18.00   0.7
BAR    134.34  49 ePKP   54 36.00  18.3X
EMUT   134.42  37 PKP    54 18.70   0.8
GLA    135.53  47 ePKP   54 23.00   3.1X
ACO    143.11  30 e(PKP)54 31.10  -2.5X
MEO    144.88  32 iPKPd 54 35.50  -1.1
LVNJ   145.06 357 PKP    54 34.90  -1.8X
SIO    145.25  28 ePKP   54 37.10  -0.1
LNO    145.36  27 ePKPd 54 36.90  -0.3
                e        54 48.60
                e        54 54.80
TUL    145.36  28 ePKPd 54 37.20  -0.2
        1.0s    94.00nm
      Z  18s     0.98um          5.6Msz
                e        54 48.60
                e        54 55.00
                LR       10 37.00
RLO    145.49  26 ePKP   54 37.10  -0.5
FVM    145.67  19 PKP    54 37.90   0.1
VVO    145.85  28 e(PKP)54 38.90   0.7
ELC    146.69  18 PKP    54 40.10   0.6
LST    147.22  19 PKP    54 42.90   2.5X
OLY    147.52  22 PKP    54 41.60   0.7
CBN    147.72   1 ePKP   54 44.00   2.9X
CVL    147.91   2 PKP    54 41.80   0.4
PWLA   149.17  18 PKP    54 43.40  -0.1
GBTN   149.51  12 PKP    54 44.90   0.9
TKL    149.60  11 PKP    54 48.50   4.3X
CEH    149.96   4 PKP    54 47.80   3.1X
YJA    150.06 202 ePKPc 54 46.60   0.8
JSC    151.35   8 PKP    54 47.30   0.5
PRM    151.38   9 PKP    54 46.50  -0.4
SIV    153.28 216 (PKP) 54 46.00  -4.1X
                i        54 58.00
CCH    154.65 205 PKP    55 01.50   9.2X
LPB    156.18 201 ePKP   54 55.00   0.5
      Z  25s     1.61um          5.7MszX
                LR       10 18.00
ZOBO   156.42 202 PKP    54 55.90   0.8
                LR       09 24.00
      S.D. = 1.1  on 125 of 153 obs.
-----------------------------------------
*  FEB  06, 1992  04h 57m 43.53± 1.08s
   33.147 S ±11.7km  178.747 W ±21.6km
   DEPTH =  33.0km  (normal)
   4.6mb (  4 obs.)
 SOUTH OF KERMADEC ISLANDS          (179)
PUZ      5.49 206 eP     59 05.20   0.1
                S        00 12.70
URZ      6.11 212 eP     59 13.80  -0.1
                S        00 28.30
KHZ     11.08 211 eP     00 22.60  -0.1
DZM     17.12 306 iPc    01 47.20   5.2X
ASPA    42.41 270 iPd    05 37.60   0.8
        1.3s     6.20nm          4.2mb
                i        05 47.10
WB2     43.63 275 iPc    05 46.20  -0.5
        0.5s    12.90nm          5.0mb
WRA     43.64 275 P      05 46.70  -0.1
        0.4s     8.20nm          4.9mb
YKA    108.19  26 ePdiff11 59.70  -2.8X
        0.6s     0.20nm          4.4mb
GKN    109.85 291 Pdiff 12 20.60   9.6X
KAF    146.89 339 iPKP  17 20.10  -1.2
        0.4s     2.00nm
BCAO   147.19 213 ePKPd 17 29.30   6.0X
```

06d 05h

0.7s 6.00nm
i 17 34.50
NUR 148.64 338 ePKP 17 23.40 -0.7
0.7s 9.00nm
NB2 151.35 350 PKP 17 30.10 1.8
0.9s 1.80nm
KIC 152.77 167 PKP 17 36.30 4.6X
S.D. = 1.0 on 9 of 14 obs.

• FEB 06, 1992 05h 09m 01.69± 0.82s
36.743 N ±10.7km 71.605 E ± 9.9km
DEPTH = 33.0km (normal)
3.6mb (2 obs.)
AFGHANISTAN-TAJIKISTAN BORD REG.(717)

QUE 7.61 212 eP 10 53.20 0.0
eS 12 14.40
MAIO 9.76 271 iPd 11 16.00 -6.9X
eSn 12 54.00
KKN 14.60 124 P 12 26.90 -1.0
DMN 14.60 125 P 12 28.20 0.2
PKI 14.83 124 P 12 31.40 0.4
GUN 14.93 122 P 12 32.80 0.5
HYB 20.21 160 eP 13 42.80 6.2X
INK 73.59 9 eP 20 33.00 0.2
YKA 80.98 3 eP 21 13.70 -0.2
0.6s 0.50nm 3.7mb
WRA 81.71 122 P 21 22.50 4.1X
0.8s 0.40nm 3.5mb
S.D. = 0.6 on 7 of 10 obs.

FEB 06, 1992 05h 18m 50.51± 0.50s
5.834 S ± 4.4km 147.767 E ± 3.9km
DEPTH = 113.2 ± 4.6 km
5.2mb (16 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)

LAT 1.12 223 iPd 19 13.40 -0.1
YYYY 1.84 257 eP 19 22.50 0.3
MDG 2.06 286 iPd 19 26.10 1.2
PMG 3.60 190 iPc 19 44.10 -1.4
eS 20 22.00
MNDI 4.10 265 eP 19 54.00 1.6
RAB 4.68 70 iPd 19 59.50 -0.7
HNR 12.59 107 eP 21 55.00 8.2X
OIS 16.64 208 iPd 22 37.50 -0.9
0.3s 30.00nm 5.0mb
eS 25 34.00
MTN 17.82 246 eP 22 51.50 -1.5
WB2 19.15 222 eP 23 06.10 -1.6
0.4s 149.80nm 5.7mb
eS 26 33.60
RMQ 20.56 177 iPc 23 23.00 0.8
0.4s 59.00nm 5.3mb
i 23 35.00
OLP 20.91 189 iPd 23 26.20 0.5
0.6s 317.00nm 5.8mb
KNA 21.08 241 iPd 23 27.00 -0.5
ASPA 22.19 216 iPc 23 39.50 1.0
0.4s 93.30nm 5.5mb
i 23 56.10
iS 27 39.70
DZM 24.22 134 iPc 23 57.40 -0.8
KUG 24.30 258 eP 24 02.00 3.1X
e 25 05.00
ARMA 24.72 172 iPc 24 03.00 0.1
0.8s 130.00nm 5.4mb
CMS 25.58 184 iPd 24 12.00 1.3
i 24 24.00
STK 26.55 192 iPc 24 29.40 9.8X
0.5s 23.20nm 5.0mb
WARB 28.57 223 eP 24 38.40 0.4
ADE 30.17 195 iPc 24 52.00 -0.1
FORR 30.99 214 iPd 24 58.70 -0.6
0.4s 34.00nm 5.4mb
MBL 31.06 238 eP 24 59.50 -0.5
BFD 31.56 188 iPd 25 07.50 3.3X
TOO 31.66 183 iPc 25 05.00 -0.1
COOL 35.29 222 eP 25 36.20 -0.3
0.3s 9.00nm 5.1mb
KLB 38.02 224 eP 25 58.00 -1.4
0.3s 11.00nm 5.2mb
BAL 38.19 226 eP 26 01.00 0.2
MUN 39.31 225 eP 26 10.50 0.3
RKG 40.31 221 eP 26 19.00 0.7
QRZ 41.29 151 eP 26 26.50 0.2
DSZ 41.68 153 P 26 30.30 0.9
URZ 41.84 145 P 26 30.60 -0.2
e 27 28.80
e 29 04.20
DIW 41.96 150 eP 26 32.90 1.2
HBZ 42.10 143 eP 26 33.70 0.8
e 28 43.00
THZ 42.20 152 P 26 33.80 0.0
PUZ 42.39 144 P 26 34.60 -0.7
TCW 42.44 150 P 26 36.20 0.6
KIW 42.50 149 P 26 36.90 0.7
MNG 42.61 148 P 26 37.10 0.0
NOZ 42.62 144 P 26 37.10 0.0
MRW 42.67 150 P 26 37.20 -0.3
EWZ 42.68 155 P 26 38.20 0.7
LTZ 42.71 153 P 26 37.90 0.0
CAW 42.76 149 P 26 38.00 -0.3
WDW 42.84 150 eP 26 38.50 -0.4
KHZ 43.01 152 P 26 39.60 -0.6
MTW 43.02 149 P 26 40.00 -0.4
PGZ 43.03 148 P 26 39.90 -0.5
MOW 43.09 149 P 26 40.40 -0.5
MAT 43.09 349 eP 26 41.00 0.0
1.3s 34.62nm 5.0mb
BWZ 43.13 157 P 26 41.20 0.0
BLW 43.16 149 P 26 41.20 -0.3
MQZ 43.61 154 P 26 45.20 0.1
TUZ 44.24 158 P 26 50.30 0.2
SSE 44.65 327 eP 26 52.50 -1.1
0.8s 8.00nm 4.5mb
pP 27 17.00 105kmX
IPM 47.81 282 ePd 27 27.30 8.5X
0.6s 24.70nm 5.2mb
LOE 50.99 298 eP 28 09.20 26.1X
CHG 53.98 298 eP 28 05.90 0.6
CHTO 53.98 298 e(P) 28 06.20 0.9
1.1s 6.18nm 4.5mb
LZH 58.58 319 eP 28 37.00 -1.0
1.0s 16.00nm 5.0mb
sP 29 01.50
GUN 68.42 303 P 29 42.40 -0.5
GKN 69.49 303 P 29 48.30 -0.9
SPA 84.20 180 iPc 31 10.90 0.6
0.8s 22.08nm 5.1mb
YKA 98.67 28 eP 32 23.30 5.6X
0.8s 0.30nm 3.9mb X
ZOBO 138.23 122 ePKP 37 56.00 -9.9X
SIV 144.15 128 PKP 38 13.00 -2.5X
PPD 146.59 147 ePKP 38 21.10 1.6
e 39 12.10
VAO 147.92 154 ePKP 38 24.80 3.1X
KIC 152.66 273 PKP 38 36.20 7.3X
S.D. = 0.8 on 59 of 70 obs.

? FEB 06, 1992 05h 40m 42.71± 6.51s
32.561 S ±36.3km 72.056 W ±35.3km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)
MD 3.8 (SAN).

ROCH 0.97 115 iPd 41 01.10 -0.2
iS 41 11.10
LCCH 1.00 156 iP 41 01.70 0.1
iS 41 12.00
JACH 1.24 96 iPd 41 06.00 0.2
iS 41 20.50
PEL 1.29 117 iPc 41 06.50 -0.2
iS 41 21.00
SAN 1.47 128 eP 41 09.00 -0.3
eS 41 26.00
LNV 1.49 159 eP 41 08.90 -0.6
PCH 1.67 130 iPc 41 12.20 0.0
iS 41 30.50
CHCH 1.80 140 iPc 41 14.80 0.7
iS 41 35.50
CACH 1.97 142 iPd 41 17.80 1.1
iS 41 41.00
S.D. = 0.6 on 9 of 9 obs.

% FEB 06, 1992 05h 43m 15.34± 1.17s
38.546 S ± 8.9km 175.479 E ± 7.8km
DEPTH = 201.0 ± 11.9 km
NORTH ISLAND, NEW ZEALAND (159)

RUZ 0.59 191 P 43 42.90 -0.1
WHH 0.86 113 eP 43 43.50 -1.2
PAHZ 1.27 105 eP 43 47.30 -0.2
URZ 1.31 78 P 43 47.00 -0.8
S 44 06.50
BSZ 1.32 199 P 43 48.60 0.7
WAHZ 1.34 150 P 43 48.00 -0.1
MOH 1.43 115 eP 43 49.10 0.3
TTH 1.44 134 eP 43 49.50 0.6
TEHZ 1.77 145 P 43 52.00 0.0
MAHZ 1.98 110 eP 43 54.40 0.3
NOZ 2.01 93 P 43 54.60 0.3
MNG 2.07 180 Pc 43 55.10 0.1
S 44 19.90
PGZ 2.16 164 Pc 43 55.90 0.0
PUZ 2.24 79 eP 43 56.60 -0.2
eS 44 23.00
KIW 2.36 191 eP 43 58.10 0.0
HBZ 2.42 68 eP 43 59.40 0.7
DIW 2.55 208 eP 44 00.80 0.5
CAW 2.58 187 P 44 00.60 0.0
MTW 2.61 180 P 44 00.60 -0.3
WDW 2.74 188 P 44 02.10 -0.3
MRW 2.75 192 P 44 02.60 0.2
eS 44 34.20
BLW 2.82 180 eP 44 03.10 -0.2
TCW 2.82 199 P 44 03.60 0.3
MOW 2.88 183 P 44 03.80 -0.2
QRZ 3.22 224 eP 44 08.10 0.0
eS 44 47.20
KHZ 4.14 200 Pc 44 19.80 0.4
eS 45 06.60
MQZ 5.58 202 P 44 36.80 -1.0
S.D. = 0.5 on 27 of 27 obs.

• FEB 06, 1992 06h 21m 49.16± 1.55s
44.391 N ±32.5km 149.016 E ±23.4km
DEPTH = 33.0km (normal)
4.4mb (5 obs.)
KURIL ISLANDS (221)

KUSJ 3.38 249 iPd 22 39.50 -1.3
S 23 18.40
ASAJ 4.59 269 eP 23 02.40 4.4X
HOOJ 4.63 246 iPd 22 59.20 0.6
eS 23 49.20
OFUJ 7.64 229 eP 23 35.70 -5.2X
eS 24 55.70
LZH 35.09 272 Pc 28 42.00 0.6
1.0s 26.00nm 5.1mb
sP 28 55.50
BRW 37.34 26 eP 29 01.20 1.5
IMA 37.39 34 eP 29 00.20 -0.2
INK 45.17 31 eP 30 04.00 0.0
CHG 48.75 255 eP 30 46.80 14.1X
CHTO 48.75 255 eP 30 32.80 0.1
GUN 52.32 274 P 31 00.60 0.3
KKN 52.82 274 P 31 08.60 4.8X
PKI 52.85 274 P 31 04.40 0.2
GKN 53.15 275 P 31 06.80 0.6
YKA 54.52 35 eP 31 14.70 -0.9
0.4s 0.20nm 3.5mb
APO 69.21 338 ePKP 32 53.00 -1.1
0.4s 1.80nm 4.5mb
NB2 69.48 340 P 32 55.40 -0.5
0.8s 5.80nm 4.7mb
GEC2 79.24 332 Pd 33 52.50 0.1
0.6s 1.00nm 4.0mb
S.D. = 0.8 on 14 of 18 obs.

% FEB 06, 1992 06h 33m 40.03± 1.16s
40.504 N ± 8.8km 23.082 E ±10.9km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 1.2 (THE).

THE 0.16 325 iPg 33 43.30 -0.3
eSg 33 46.30
SOH 0.38 33 ePg 33 48.14 0.3
eSg 33 53.34
KNT 0.67 348 ePg 33 53.58 0.2
OUR 0.71 104 ePg 33 53.30 -0.7
PAIG 0.74 141 ePg 33 54.94 0.5
S.D. = 0.7 on 5 of 5 obs.

• FEB 06, 1992 06h 35m 39.18± 1.42s
52.237 N ±14.6km 178.385 W ±18.1km
DEPTH = 182.9 ± 10.9 km
4.3mb (5 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)

```
ADK      1.11 108 iPd   36 08.32   0.1
                  eS    36 30.35
SDN     11.03  67 eP    38 12.50  -0.2
SVW     15.27  46 ePc   39 09.10   2.8X
KDC     15.79  59 eP    39 12.20  -0.5
TTA     15.98  39 ePc   39 15.99   0.9
        0.8s    14.96nm          4.4mb
PMS     18.06  49 eP    39 38.60  -0.4
PMR     18.36  48 eP    39 42.20   0.1
IMA     18.58  32 ePc   39 44.10  -0.5
        0.9s    16.76nm          4.5mb
TOA     19.85  48 eP    39 58.40   0.9
FBA     20.11  39 eP    39 58.87  -1.2
        0.8s    19.65nm          4.7mb
BALM    21.43  52 P     40 11.69  -1.6
BRW     21.45  19 ePc   40 14.10   1.0
INK     26.61  36 eP    41 03.00   1.2
YKA     34.46  47 eP    42 09.50  -1.2
        0.7s     2.40nm          4.0mb
TNP     44.08  84 P     43 31.89   1.3
MSU     46.87  80 eP    43 53.29   0.6
WRA     82.81 224 P     47 43.30  -0.5
        0.6s     0.80nm          3.7mb
      S.D. = 1.0  on  16 of  17 obs.
-----------------------------------------
*  FEB  06, 1992  08h 43m 01.86± 1.98s
   49.355 N ±23.1km  151.807 E ±14.5km
   DEPTH = 244.7 ± 27.5 km
   4.2mb ( 11 obs.)
 NORTHWEST OF KURIL ISLANDS          (220)

KUSJ     7.96 221 eP    44 54.30  -0.9
                  eS    46 18.10
HOOJ     9.16 224 eP    45 11.10   0.5
                  eS    46 46.60
MAT     16.19 223 eP    46 37.00  -0.6
        1.0s     8.00nm          4.1mb
TTA     31.11  44 ePc   48 59.50   0.4
        0.7s     5.70nm          4.3mb
SVW     31.31  48 ePc   49 01.70   0.9
BRW     32.05  28 ePc   49 08.20   1.2
IMA     32.26  38 ePc   49 09.50   0.3
FBA     34.71  41 ePc   49 30.80   1.0
        1.1s    23.40nm          4.7mb
INK     39.95  34 iPc   50 14.20   0.9
YKA     49.38  38 eP    51 27.60  -0.4
        0.4s     2.80nm          4.0mb
CHTO    51.94 254 eP    51 48.90   1.1
        1.0s     1.75nm          3.5mb
GUN     53.96 272 P     52 04.40   1.4
GKN     54.71 273 P     52 09.60   1.4
FFC     59.31  40 eP    52 39.50  -0.3
        0.6s    15.00nm          4.8mb
KAF     60.71 334 eP    52 46.70  -2.5
TNP     62.88  62 eP    53 03.70  -0.4
        0.7s     0.44nm          3.3mb
BW06    63.92  54 iP    53 10.70  -0.1
        0.5s     1.88nm          4.1mb
NB2     65.48 340 P     53 19.50  -0.8
        0.8s     2.70nm          4.0mb
HFS     65.71 338 eP    53 20.70  -1.0
        0.4s     3.30nm          4.4mb
RSSD    65.81  50 eP    53 20.90  -2.0
        0.5s     3.51nm          4.3mb
SIV    137.33  50 PKP   01 52.00  -5.8X
      S.D. = 1.2  on  20 of  21 obs.
-----------------------------------------
%  FEB  06, 1992  08h 48m 41.13± 1.28s
   39.154 N ±10.8km   27.493 E ±19.7km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                              (366)

IZM      0.78 193 IPg   48 56.20  -0.1
                  iSg   49 08.20
DST      0.99  62 iPn   48 59.00  -0.9
BNT      1.25  15 ePn   49 04.00  -0.3
KCT      1.28  31 iPn   49 04.70  -0.2
IZI      1.93  52 ePn   49 15.80   1.4
      S.D. = 1.2  on   5 of   5 obs.
-----------------------------------------
   FEB  06, 1992  08h 54m 40.82± 0.49s
   42.598 N ± 4.1km   19.028 E ± 4.4km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION          (383)
      ML 2.5 (TTG).

NKY      0.22 354 iPgc  54 46.40   0.8
                  iSg   54 50.60
TTG      0.24 134 iPgc  54 46.64   0.7
                  iSg   54 51.39
BDV      0.35 205 iPgc  54 48.20   0.2
                  iSg   54 53.94
HCY      0.42 249 iPgd  54 49.24  -0.1
                  iSg   54 56.07
BRY      0.47 310 iPgc  54 50.04  -0.3
                  iSg   54 57.54
ULC      0.66 165 iPgc  54 53.50  -0.4
                  iSg   55 03.70
IVA      0.70  67 iPgd  54 54.37  -0.3
                  iSg   55 05.20
PVY      0.70  90 iPgc  54 54.39  -0.3
                  iSg   55 05.32
PLE      0.78  20 iPgd  54 55.82  -0.3
                  iSg   55 07.55
SKO      1.90 108 e(Pn) 55 20.30   6.8X
                  iSn   55 42.60
OHR      1.99 138 ePn   55 18.00   3.1X
VAY      2.93 115 ePn   55 19.40  -8.9X
      S.D. = 0.5  on   9 of  12 obs.
-----------------------------------------
*  FEB  06, 1992  08h 59m 52.34± 2.45s
   5.612 S ±17.6km  103.120 E ±15.7km
   DEPTH =  69.4 ± 17.0 km
   4.7mb (  7 obs.)
 SOUTHERN SUMATERA, INDONESIA        (274)

KSI      2.03 345 iPc   00 25.00   0.0
                  iS    00 57.20
                  e     05 00.00
TPI      5.34  58 iPd   01 13.00   1.7
                  e     07 00.00
KGM      7.58   2 eP    01 24.00 -18.5X
IPM     10.34 348 ePc   02 24.40   4.1X
PCI     17.33  75 e(P)c 03 56.20   5.0X
                  e     06 08.00
NNT     18.39 349 eP    04 03.00  -1.3
                  e     16 56.00
KHT     20.76 348 iPd   04 28.80  -1.0
KUG     20.78 104 eP    04 33.20   3.1X
                  e     05 40.00
BDT     23.07 350 eP    04 52.80   0.1
CHG     24.62 350 ePc   05 07.90   0.2
        0.9s    25.21nm          4.7mb
CHTO    24.62 350 iP    05 07.70   0.0
        0.9s    26.21nm          4.7mb
ASPA    34.64 124 iPd   06 35.30  -1.9
        1.1s     6.10nm          4.4mb
                  i     06 46.90
NDI     42.25 325 iP    07 40.50   0.0
PMG     43.80  98 iPd   07 53.00  -0.3
        0.9s    75.63nm          5.5mb
STK     44.44 131 iPd   08 07.60   9.3X
        0.5s     3.70nm          4.5mb
BJI     46.99  14 eP    08 19.00   0.7
MAT     53.25  35 eP    09 04.00  -2.2
        1.0s     7.00nm          4.6mb
KAF     88.80 333 iP    12 40.50   1.0
        0.8s    16.70nm          5.3mb
NUR     89.20 331 eP    12 42.00   0.6
YKA    116.84  19 ePdiff14 55.20   9.4X
        0.7s     0.40nm
YKA    116.84  19 ePKP  18 29.20  -1.0
        0.6s     0.50nm
PNT    123.49  32 ePKP  18 44.00   0.7
        0.5s     2.00nm
BGMT   130.07  32 ePKP  18 57.50   1.1
SIO    145.09  28 e(PKP)19 24.30   0.4
LNO    145.19  27 ePKPc 19 24.70   0.8
TUL    145.19  27 ePKPc 19 24.80   0.7
        0.7s     7.30nm
      Z  18s     0.15um          4.8Msz
      N  18s     0.05um
      E  18s     0.06um
                  LR    53 25.00
RLO    145.33  26 ePKPc 19 24.70   0.4
VVO    145.69  28 e(PKP)19 24.60  -0.3
SIV    153.44 216 ePKP  19 53.00  15.7X
      S.D. = 1.1  on  22 of  29 obs.
-----------------------------------------
   FEB  06, 1992  09h 02m 11.51± 0.60s
   41.150 N ± 5.8km   20.812 E ± 5.2km
   DEPTH =  10.0km  (geophysicist)
 ALBANIA                             (391)
      ML 2.8 (SKO), 2.5 (TTG).

OHR      0.04 195 iPgc  02 13.90   0.3
                  iSg   02 16.50
SKO      0.95  30 iPgc  02 30.00   0.4
        0.4s   261.00nm
                  iSg   02 39.20
                  i     02 39.80
VAY      1.34  82 iPn   02 35.70  -0.4
ULC      1.43 305 iPgd  02 36.45  -1.0
                  iSg   02 56.23
PVY      1.57 337 iPgd  02 39.13  -0.5
                  iSg   03 00.92
TTG      1.73 318 iPg   02 41.38  -0.3
                  iSg   03 05.12
IVA      1.85 339 iPnd  02 43.88   0.3
                  iSn   03 08.42
BDV      1.87 308 iPnd  02 44.15   0.3
                  iSn   03 08.73
NKY      2.14 321 iPnd  02 48.20   0.3
                  iSn   03 15.33
HCY      2.16 308 iPnd  02 48.30   0.2
                  iSn   03 15.87
PLE      2.42 335 iPnc  02 52.05   0.2
                  iSn   03 22.07
BRY      2.43 317 iPnd  02 52.18   0.1
                  iSn   03 22.28
      S.D. = 0.5  on  12 of  12 obs.
-----------------------------------------
*  FEB  06, 1992  09h 04m 00.89± 0.59s
   31.323 S ±17.9km  176.954 W ±13.9km
   DEPTH =  35.8km  (  2 depth phases)
   4.8mb (  5 obs.)  4.2Msz (  1 obs.)
 KERMADEC ISLANDS REGION             (177)

DZM     17.45 298 iPc   08 04.10   0.9
ARMA    26.94 264 eP    09 43.00   2.0X
STK     35.16 258 iPd   11 03.90  10.5X
        1.3s     3.50nm
ASPA    43.96 267 iPd   12 05.00  -1.5
        1.4s    11.60nm          4.5mb
      Z  19s     0.30um          4.2Msz
                  e     12 15.70  37km
WB2     45.02 273 eP    12 10.20  -4.9X
        0.4s     7.70nm          4.9mb
                  i     12 13.50  11kmX
WRA     45.03 273 P     12 13.60  -1.6
        0.6s     3.60nm          4.4mb
SPA     58.85 180 iPc   13 59.10   0.9
        1.1s    23.21nm          5.2mb
NVL     78.01 183 (P)d  15 56.30  -0.4
PLM     85.75  47 eP    16 37.00  -0.9
ISA     86.33  44 eP    16 40.00  -0.5
CHG     94.73 289 eP    17 20.40   0.3
CHTO    94.73 289 eP    17 21.70   1.6
        1.1s     5.30nm          4.9mb
                  pP    17 32.70  35km
BHD    145.16 284 ePKPd 23 37.00   0.6
                  e     23 47.00
KAF    145.71 341 ePKP  23 35.00  -1.4
        0.9s    22.80nm
OBN    146.43 325 iPKPc 23 38.00   0.2
        2.0s   240.00nm
                  i     23 51.00
MSL    146.49 290 ePKPc 23 39.00   0.5
                  e     23 51.00
NUR    147.48 340 iPKP  23 40.60   1.3
BCAO   149.54 212 iPKPd 23 49.50   5.5X
        1.0s    20.00nm
                  i     23 59.10
NB2    149.79 352 PKP   23 46.00   3.0X
        1.1s    14.50nm
HFS    150.32 349 ePKP  23 46.80   3.1X
        0.4s     0.80nm
KIC    154.12 162 PKP   23 58.50   7.9X
      S.D. = 1.1  on  14 of  21 obs.
-----------------------------------------
&  FEB  06, 1992  09h 31m 11.97s
   61.508 N          146.622 W
   DEPTH =  21.5km
   2.5mb (  1 obs.)
 SOUTHERN ALASKA                     (  2)
      <AEIC>. ML 2.9 (AEIC), 3.0
      (PMR).

KLU      0.34  92 iPc   31 19.44   0.0
                  eS    31 25.11
VZW      0.45 176 ePc   31 20.66  -0.6
                  eS    31 28.28
```

06d 09h

```
TOA      0.64  19 iPc   31 24.30  -0.1
GLI      0.67 200 iPc   31 23.89  -1.0
                eS     31 33.79
FID      0.76 175 ePc   31 25.49  -1.0
                eS     31 37.63
TZL      0.78  46 eP    31 25.97  -0.8
                eS     31 35.61
SML      0.87 291 iPc   31 26.51  -1.8
                eS     31 38.29
KNK      0.89 265 iPc   31 27.44  -1.1
                iS     31 39.60
GHO      1.13 285 iPc   31 30.65  -2.0
                eS     31 45.79
SDG      1.14  26 iPc   31 30.82  -1.9
                eS     31 45.46
PLRM     1.20 275 iPc   31 32.02  -1.5
                eS     31 47.72
PMR      1.20 275 iPc   31 31.75  -1.8
                eS     31 47.34
SGAM     1.22 145 iPc   31 31.95  -1.9
                eS     31 47.29
GLB      1.35  92 iPc   31 33.49  -2.2
                eS     31 51.09
PMS      1.44 261 iPc   31 36.30  -0.6
PWA      1.56 277 ePc   31 37.70  -1.0
PAX      1.56  20 ePc   31 36.74  -2.1
                eS     31 56.49
LTI      1.59 203 eP    31 38.31  -0.8
                eS     32 00.24
MTU      1.61 199 eP    31 38.44  -0.9
CROM     1.85 113 ePc   31 41.61  -1.4
                eS     32 06.63
KAIM     1.92 145 eP    31 42.62  -1.3
CUT      1.94 299 ePc   31 43.21  -1.0
                eS     32 08.04
SEW      1.98 226 eP    31 43.62  -1.0
SUA      1.98 271 eP    31 43.40  -1.4
                eS     32 09.99
TGL      1.99 111 ePc   31 42.87  -2.1
                eS     32 08.62
SLKM     2.02 242 eP    31 44.59  -0.8
HUR      2.04 318 eP    31 44.51  -1.1
                S      32 10.99
BALM     2.12 101 ePc   31 44.66  -2.2
                eS     32 10.67
RND      2.17 332 eP    31 46.35  -1.2
                S      32 13.90
SKT      2.38 284 ePc   31 48.71  -1.8
                eS     32 19.17
DOT      2.45  28 eP    31 50.31  -1.2
MCK      2.48 335 eP    31 51.11  -0.7
DJE      2.57   9 eP    31 52.99  -0.1
TRF      2.59 320 eP    31 51.73  -1.9
CGLM     2.60 268 eP    31 51.75  -1.9
CTGM     2.61 100 eP    31 52.37  -1.6
SPU      2.64 265 eP    31 52.18  -2.0
YAH      2.64 114 eP    31 53.22  -1.2
NCG      2.66 270 eP    31 52.71  -1.8
WRG      2.69 121 eP    31 55.02   0.1
BGL      2.79 267 eP    31 54.48  -1.8
KTH      2.86 318 eP    31 56.01  -1.3
HDA      2.91 357 eP    31 55.86  -2.1
RDT      2.97 254 eP    31 56.32  -2.5
CNPM     3.03 231 eP    31 57.86  -1.8
REF      3.13 254 eP    31 59.43  -1.9
RSO      3.17 253 eP    32 01.76  -0.1
RS2      3.17 253 eP    32 00.33  -1.5
RS1      3.17 253 eP    32 00.14  -1.7
RDW      3.18 254 eP    32 01.01  -1.1
CCB      3.20 351 eP    31 59.51  -2.5
NEA      3.28 341 eP    32 00.71  -2.5
FBA      3.45 352 eP    32 03.09  -2.5
GLM      3.51 355 eP    32 05.30  -1.3
MDM      3.54 349 eP    32 04.51  -2.4
MLY      4.00 334 eP    32 10.85  -2.5
PRP      4.06   6 eP    32 13.18  -1.2
PDB      4.11 248 eP    32 13.05  -1.9
SVW      4.36 269 eP    32 19.70   1.2
TTA      4.62 292 eP    32 18.92  -3.4
IMA      5.54 329 eP    32 32.72  -2.7
       0.3s      0.80nm          3.8mb X
YKA     14.99  72 eP    34 44.20   0.3
       0.4s      0.10nm          2.5mb
       62 obs. associated
-----------------------------------------
*  FEB  06, 1992  09h 42m 57.00± 2.37s
    3.563 S ±11.1km   77.546 W ±18.4km
    DEPTH =  83.6 ± 24.2 km
    4.6mb (  5 obs.)
  PERU-ECUADOR BORDER REGION        (110)

NNA      8.40 175 iPd   44 59.30   1.1
       0.8s    216.42nm          6.0mb X
                eS     46 30.50
PT10     8.48 176 eP    45 05.40   6.2X
                eS     46 32.60
ARE     14.13 156 eP    46 19.00   4.1X
SDV     14.16  29 eP    46 15.60   0.5
ZOBO    15.67 144 P     46 33.00  -2.0
      Z  20s      0.10um
                LR     49 20.00
LPB     15.88 145 P     46 36.20  -1.2
CCH     17.71 142 P     47 05.50   5.4X
SIV     20.37 128 iPc   47 31.80   2.4
MEO     42.97 334 iPc   50 50.00   0.5
SES     60.97 336 ePd   53 02.80  -0.9
FFC     61.52 344 eP    53 06.00  -1.3
       0.7s      8.00nm          4.9mb
PNT     64.01 331 eP    53 24.00   0.1
       0.8s      8.00nm          4.7mb
YKA     71.63 343 eP    54 09.10  -2.0
       0.4s      1.40nm          4.2mb
KIC     73.35  82 P     54 22.00  -0.2
INK     81.35 342 ePd   55 05.70   0.3
MBC     83.22 351 eP    55 15.50   0.6
TOA     83.30 334 eP    55 16.60   0.9
FBA     84.95 336 ePc   55 24.60   0.8
       0.6s      3.70nm          4.6mb
SVW     87.35 332 eP    55 35.50  -0.2
IMA     87.64 337 eP    55 37.70   0.6
       0.7s      3.10nm          4.5mb
WRA    140.93 232 PKP   02 14.60  -5.4X
       0.8s      1.20nm
LZH    147.61 358 ePKP  02 34.00   2.9X
       1.4s     22.00nm
CHG    164.46  13 ePKP  03 03.10  10.4X
      S.D. = 1.3  on  17 of  23 obs.
-----------------------------------------
?  FEB  06, 1992  12h 17m 56.09± 4.41s
    39.722 N ±25.0km   27.721 E ±28.0km
    DEPTH =  10.0km  (geophysicist)
  TURKEY                            (366)

EDC      0.63  10 iPg   18 08.00  -0.8
                eSg    18 13.00
BNT      0.65  14 iPg   18 08.10  -1.0
                iSg    18 18.10
DST      0.71  99 iPg   18 08.80  -1.3
                iSg    18 18.30
KCT      0.72  43 iPg   18 09.60  -0.6
IZI      1.48  65 iPn   18 23.70   0.9
YLV      1.52  56 ePn   18 24.10   0.7
HRT      1.85  53 ePn   18 29.60   1.4
GPA      2.07  73 ePn   18 35.00   3.7X
DMK      2.10   1 ePn   18 32.50   0.8
      S.D. = 1.2  on   8 of   9 obs.
-----------------------------------------
?  FEB  06, 1992  13h 01m 25.22± 5.45s
    39.558 N ±30.7km   27.545 E ±31.6km
    DEPTH =  10.0km  (geophysicist)
  TURKEY                            (366)

EDC      0.82  17 iPg   01 42.00   0.8
                iSg    01 47.00
DST      0.84  86 iPg   01 40.80  -0.6
                iSg    01 50.30
BNT      0.85  20 iPg   01 41.60   0.0
                iSg    01 50.60
KCT      0.93  42 iPg   01 41.60  -1.4
IZI      1.67  62 ePn   01 55.60   0.8
YLV      1.73  54 ePn   01 56.60   1.1
DMK      2.27   4 ePn   02 02.50  -0.8
      S.D. = 1.2  on   7 of   7 obs.
-----------------------------------------
    FEB  06, 1992  13h 50m 45.41± 0.29s
     6.629 N ± 4.2km  125.472 E ± 8.3km
    DEPTH =  10.0km  (geophysicist)
    4.8mb ( 16 obs.)  4.1Msz (  2 obs.)
  MINDANAO, PHILIPPINE ISLANDS      (259)

DAV      0.47  13 iPc   50 55.80   0.9
MNI      5.19 187 ePd   52 06.00   1.0
                eS     53 09.00
PCI      9.36 217 e(P)c 53 08.80   5.4X
                e      58 30.00
BAG     10.84 334 eP    53 24.00   0.1
MTN     20.15 164 eP    55 23.00   0.2
KNA     22.47 172 eP    55 47.50   1.1
       0.5s     31.00nm          5.0mb
SSE     24.67 351 Pc    56 11.00   3.4X
       1.0s     18.00nm          4.7mb
      Z  20s      0.60um          4.1Msz
                S      00 32.00
LOE     25.54 297 eP    56 17.80   1.7
WRA     27.81 162 P     56 36.50  -0.4
       0.4s      5.40nm          4.7mb
WB2     27.81 162 iPd   56 36.30  -0.7
       0.6s      9.70nm          4.8mb
CHG     28.52 298 eP    56 44.50   1.1
CHTO    28.52 298 eP    56 41.90  -1.5
       1.0s      3.25nm          4.1mb
QIS     30.3B 153 eP    57 00.00   0.0
       0.4s      6.00nm          4.8mb
ASPA    31.22 165 iPd   57 06.80  -0.6
       0.5s     24.10nm          5.4mb
                iS     02 14.50
WARB    32.64 178 eP    57 20.20   0.5
BJI     34.30 347 eP    57 32.50  -1.5
      Z  18s      0.30um          4.1Msz
                eS     02 56.00
LZH     35.39 329 eP    57 43.50  -0.1
       1.5s     31.00nm          5.0mb
      Z  16s      0.39um          4.3MszX
      N  14s      0.34um
                pP     57 52.00  29kmX
                sP     57 54.00
                eS     03 24.00
MRWA    36.79 194 eP    57 54.00  -1.3
BAL     37.96 192 eP    58 04.00  -1.1
KLB     38.71 191 eP    58 11.00  -0.4
MUN     39.39 192 eP    58 16.00  -1.1
STK     41.27 159 iPc   58 44.00  11.5X
       0.6s      6.30nm
GUN     43.04 304 P     5B 48.40   0.8
       0.8s     21.00nm          4.9mb
ADE     43.22 164 eP    58 50.00   1.5
PKI     43.30 304 P     58 50.40   0.7
ARMA    44.56 147 iPc   59 00.40   0.8
       0.6s      7.00nm          4.7mb
BFD     46.41 161 iPd   59 19.20   5.2X
       0.7s     29.00nm          5.4mb
HYB     47.01 288 eP    59 25.00   5.9X
DZM     49.24 127 iPc   59 36.90   0.4
YAK     55.36   2 eP    00 19.50  -2.1
       0.8s     42.00nm          5.5mb
ANM     75.16  25 eP    02 29.50   0.0
SVW     78.87  29 ePc   02 51.10   0.9
       0.7s      6.50nm          4.8mb
TTA     78.90  27 eP    02 51.00   0.5
BRW     79.84  19 ePc   02 55.80   0.5
IMA     80.26  24 eP    02 58.60   0.8
       0.7s      2.60nm          4.3mb
PMR     82.02  29 ePc   03 06.50  -0.4
       0.7s      9.50nm          5.0mb
FBA     82.65  25 ePc   03 09.80  -0.4
TOA     83.42  28 eP    03 15.60   1.4
INK     87.94  21 eP    03 35.00  -1.4
MBC     89.41  13 eP    03 43.00  -0.3
YKA     97.38  24 eP    04 18.50  -1.7
       0.7s      1.00nm          4.5mb
      S.D. = 1.0  on  36 of  41 obs.
-----------------------------------------
    FEB  06, 1992  14h 18m 43.01± 0.35s
    56.045 S ±10.8km   24.522 W ± 6.8km
    DEPTH =  33.0km  (normal)
    5.1mb ( 10 obs.)
  SOUTH SANDWICH ISLANDS REGION     (153)

NVL     21.45 148 (P)c  23 34.50   4.5X
       1.8s     29.00nm          4.4mb
      Z  17s      0.50um          4.0MszX
      N  17s      0.40um
      E  17s      0.30um
                e      23 40.00
                e      23 51.50
                e      23 59.00
SPA     34.13 180 iPd   25 27.00   0.4
       1.0s     45.00nm          5.4mb
                i      28 03.60
CFA     38.95 290 iPd   26 06.00  -1.4
PPD     39.33 319 eP    26 11.90   1.2
```

```
RTCB    39.34 290 iPc    26 10.20  -0.5
SLA     43.15 299 eP     26 41.20  -0.9
SEK     46.03  75 iPd    27 06.20   1.0
        0.6s    13.33nm          5.0mb
PRY     47.05  74 iPc    27 13.50   0.2
SIV     48.69 310 P      27 26.00   0.1
LPB     51.39 302 iPc    27 48.00   0.9
ZOBO    51.62 302 iPd    27 49.40   0.4
        1.0s    85.00nm          5.7mb
ARE     53.09 299 eP     28 00.00   0.3
BUL     53.15  70 iPc    27 59.00  -0.9
        1.0s    15.00nm          4.9mb
                iPP      28 10.20
KRI     56.43  69 iPc    28 41.20  17.4X
NNA     59.57 296 iP     28 45.50  -0.2
        1.0s    32.00nm          5.4mb
LIC     64.10  22 P      29 15.82  -0.1
        0.7s    12.50nm          5.1mb
KIC     64.30  22 P      29 17.04  -0.2
        0.7s    10.00nm          5.0mb
TIC     64.51  22 P      29 18.44  -0.2
        0.5s     4.50nm          4.8mb
BCAO    69.80  46 iPd    29 52.00   0.0
        0.2s    12.00nm          5.6mb
DMN    123.29  89 PKP    37 37.40  -0.5
GKN    123.33  88 PKP    37 37.60  -0.2
PKI    123.43  89 PKP    37 37.60  -0.7
KKN    123.52  89 PKP    37 37.80  -0.5
GUN    123.95  90 PKP    37 39.40   0.0
LRM    125.27 301 ePKP   37 42.10   0.9
PNT    131.18 300 ePKP   37 53.00   0.9
YKA    137.18 317 ePKP   37 49.00 -14.0X
        0.6s     0.50nm
MBC    144.59 336 ePKPd  38 15.40  -0.4
        0.8s    24.00nm
SSE    145.39 122 PKPc   38 18.50   0.0
        1.0s    27.00nm
                pP       38 30.00
INK    146.75 320 ePKP   38 18.00  -1.6
        0.9s    28.00nm
BJI    149.74 105 ePKP   38 30.00   4.8X
        1.0s     7.00nm
TOA    150.34 306 ePKP   38 32.70   7.2X
PMR    151.56 304 ePKP   38 34.50   7.3X
FBA    151.64 311 ePKP   38 29.30   2.0
        0.7s     9.59nm
                i        38 43.01
IMA    154.19 313 ePKP   38 40.50   9.5X
        0.9s     5.10nm
BRW    154.84 326 ePKP   38 41.50  10.0X
TTA    154.97 306 ePKP   38 42.90  10.9X
      S.D. = 0.8  on  28 of  37 obs.
-----------------------------------
?  FEB  06, 1992  14h 50m 33.88± 1.40s
    3.734 S ±14.4km  145.262 E ±20.9km
   DEPTH =  33.0km  (normal)
   4.2mb (  3 obs.)
 NEAR N COAST OF NEW GUINEA, PNG.(200)

MDG      1.59 161 iPc    51 00.60   0.5
YYYY     2.59 164 eP     51 14.70   0.2
                eS       51 41.20
MNDI     2.89 214 eP     50 23.00 -55.8X
LAT      3.38 149 eP     51 31.00   5.4X
                eS       52 19.90
PMG      5.94 162 eP     52 01.00  -0.9
                eS       52 58.00
WB2     19.31 213 iPd    54 58.00  -1.2
        0.3s     8.20nm          4.5mb
ASPA    22.65 208 iPd    55 35.00   1.4
        0.8s     6.90nm          4.2mb
WARB    28.58 217 iPc    56 31.80   2.6X
YKA     97.98  27 eP     04 07.60  -0.1
        0.6s     0.40nm          4.1mb
      S.D. = 1.3  on   6 of   9 obs.
-----------------------------------
*  FEB  06, 1992  14h 59m 21.81± 1.20s
    2.615 S ±10.8km  133.899 E ±22.1km
   DEPTH =  33.0km  (normal)
   4.3mb (  4 obs.)
 IRIAN JAYA REGION, INDONESIA     (196)

SWI      3.16 303 iPd    00 09.00  -1.4
                S        00 46.00
MTN     10.53 195 eP     01 55.00   1.4
                eS       03 52.00
KNA     14.00 201 eP     02 40.00  -0.1
WB2     17.23 179 eP     03 20.40  -1.3
        0.5s    28.30nm          4.7mb
                i        03 23.70
                eS       06 36.30
OIS     18.68 163 iPc    03 39.00  -0.7
        0.6s     3.00nm          3.7mb
                eS       09 26.00
ASPA    20.93 180 iPc    04 04.70   0.4
        0.7s    50.80nm          5.0mb
                iS       08 05.50
CHTO    40.44 303 eP     07 00.45   1.3
        1.2s     3.82nm          4.0mb
BJI     45.45 341 eP     07 40.00   0.5
HYB     58.07 292 eP     09 14.50  -0.2
ZOBO   151.25 132 PKP    19 18.00   9.0X
      S.D. = 1.2  on   9 of  10 obs.
-----------------------------------
?  FEB  06, 1992  16h 04m 39.77± 4.41s
    5.734 S ±38.7km  146.953 E ±47.1km
   DEPTH = 145.4 ± 15.1 km
   4.2mb (  2 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

LAT      0.91 177 iPd    05 04.40   0.8
YYYY     1.10 243 eP     05 05.80   0.3
                eS       05 28.50
MDG      1.26 292 eP     05 06.30  -0.5
PMG      3.66 177 iPd    05 35.10  -1.0
                eS       06 19.00
WB2     18.70 220 iPc    08 49.20  -0.5
        0.4s     6.20nm          4.3mb
ASPA    21.81 214 iPd    09 22.10   0.9
        0.4s     4.20nm          4.2mb
      S.D. = 1.2  on   6 of   6 obs.
-----------------------------------
*  FEB  06, 1992  16h 28m 19.95± 1.30s
   66.967 N ±12.4km   21.011 E ±14.0km
   DEPTH =  10.0km  (geophysicist)
 SWEDEN                           (536)
      MD 2.8 (BER).

KTK1     2.22  21 eP     28 58.15   0.8
MOR7     2.59 258 eP     29 04.00   1.3
TRO      2.79 345 eP     29 05.44   0.1
                eSg      29 45.67
ARA0     3.08  31 Pn     29 08.84  -0.6
LOF      3.10 296 eP     29 08.57  -1.1
                eSg      29 57.85
NRA0     7.52 218 Pn     30 11.58  -0.6
                Sn       31 34.65
                Lg       32 18.73
      S.D. = 1.2  on   6 of   6 obs.
-----------------------------------
   FEB  06, 1992  16h 50m 59.23± 0.27s
   22.144 S ± 3.2km  179.453 W ± 5.4km
   DEPTH = 607.5 ±  3.4 km
   5.1mb ( 21 obs.)
 SOUTH OF FIJI ISLANDS            (171)

SVA      4.46 334 ePc    52 29.00   0.1
VUN      4.56 334 eP     52 29.00  -0.6
KRO      4.93 347 iPd    52 32.90   0.4
SGE      5.16 331 eP     53 23.62  49.2X
TVI      5.22 354 eP     52 34.90   0.0
MBU      5.42 341 eP     52 37.80   1.3
NDE      5.65 348 eP     52 37.30  -1.1
UDU      5.98 355 iPc    52 41.00  -0.1
YSA      6.10 332 eP     52 42.30   0.2
DZM     13.07 268 iPc    53 50.00   1.5
WCZ     14.77 200 P      54 10.10   5.3X
KUZ     15.14 195 P      54 11.90   3.6X
HBZ     15.52 187 eP     54 13.00   1.0
PUZ     16.00 187 eP     54 17.70   1.0
WLZ     16.22 194 eP     54 22.40   3.7X
URZ     16.33 190 P      54 19.20  -0.6
NOZ     16.56 187 eP     54 23.80   1.8
PAHZ    16.93 189 eP     54 26.40   0.8
MOZ     17.04 196 eP     54 30.00   3.5X
WHH     17.04 191 eP     54 26.90   0.2
WAHZ    17.86 191 eP     54 34.10  -0.3
MNG     18.91 192 eP     54 43.30  -0.7
        0.1s    15.00nm          5.4mb
KIW     19.26 193 eP     54 46.40  -0.9
MTW     19.43 192 eP     54 48.00  -0.8
CAW     19.47 193 eP     54 48.40  -0.7
MRW     19.66 193 eP     54 50.40  -0.5
TCW     19.74 194 eP     54 50.70  -0.9
ORZ     19.82 198 P      54 53.80   1.4
THZ     20.59 196 eP     54 59.70   0.2
DSZ     20.88 199 eP     55 02.70   0.6
KHZ     21.05 195 eP     55 02.60  -0.9
        0.1s     7.00nm          5.2mb
LTZ     21.71 197 P      55 08.70  -0.9
EWZ     22.78 198 eP     55 19.20   0.1
BWZ     24.00 199 eP     55 29.30  -0.6
LRCZ    24.64 199 P      55 35.00  -0.8
MMCZ    24.65 200 P      55 35.10  -0.7
LSCZ    24.68 199 P      55 35.20  -0.8
ARMA    27.15 246 iPc    55 59.00   1.2
        0.4s    29.00nm          5.3mb
RMO     29.25 255 iPc    56 17.50   1.7
        0.8s    90.00nm          5.5mb
                i        56 31.00
CMS     32.24 246 iPd    56 42.60   1.6
        0.8s    49.00nm          5.2mb
OLP     33.30 255 iPd    56 50.70   0.8
        0.1s    91.00nm          6.4mb X
TOO     33.84 235 eP     56 56.00   1.6
        0.8s    44.00nm          5.1mb
STK     35.87 246 eP     57 23.20  12.1X
        0.7s    11.50nm
OIS     38.09 265 iPc    57 29.40   0.1
        0.2s     5.00nm          4.7mb
                i        59 28.10
ASPA    42.85 259 iPd    58 07.10  -0.2
        0.8s    75.20nm          5.3mb
                i        59 44.50
                iS       03 47.50
WB2     43.05 264 iPc    58 08.00  -0.9
        0.3s    91.80nm          5.8mb
                eS       03 45.50
WRA     43.06 264 P      58 08.40  -0.6
        0.7s    36.70nm          5.0mb
FORR    47.37 248 eP     58 41.30  -0.5
MTN     47.85 273 eP     58 44.50  -1.2
        0.5s    70.00nm          5.4mb
WARB    49.06 254 eP     58 53.80  -0.7
                e        05 14.50
KNA     49.20 268 eP     58 54.80  -0.8
GUA     49.78 312 eP     59 10.60  10.8X
        0.8s    83.58nm
GUMO    49.85 312 eP     59 10.60  10.3X
COOL    53.34 247 eP     59 24.80  -0.6
KLB     56.14 246 eP     59 44.00  -0.8
BAL     57.16 247 eP     59 51.00  -0.8
MUN     57.40 245 eP     59 53.30  -0.1
MRWA    57.98 249 eP     59 56.00  -1.4
SPA     67.99 180 iPd    01 02.90   2.3
        0.8s    20.83nm          4.7mb
MAT     70.75 325 eP     01 13.00  -4.0X
        1.1s    15.19nm          4.4mb
PLM     81.25  49 eP     02 15.00   0.5
SBB     81.33  47 eP     02 15.00   0.3
ISA     81.45  46 eP     02 16.00   0.7
TPC     82.23  48 eP     02 19.00  -0.2
LBFM    82.66  40 P      02 22.40   1.0
BONR    82.87  44 P      02 22.00  -0.7
TNP     83.65  45 P      02 26.70   0.3
        1.0s    10.47nm          4.4mb
SVW     85.17  11 ePc    02 33.10   0.0
BJI     86.12 316 eP     02 38.00   0.0
RMW     86.48  35 P      02 40.40   0.7
LOE     86.55 290 eP     02 42.20   1.7
TTA     86.79  11 eP     02 40.50  -0.3
PMR     86.93  14 eP     02 40.60  -0.8
        0.8s    14.20nm          4.7mb
TOA     88.06  15 ePc    02 47.30   0.5
HVU     88.52  43 P      02 49.60   0.2
PNT     88.77  34 eP     02 51.00   0.8
        0.7s    10.00nm          4.8mb
DAU     88.80  45 P      02 51.90   0.9
PTI     89.35  43 P      02 53.90   0.7
CHG     89.54 290 ePd    02 56.00   1.6
        1.0s    33.00nm          5.2mb
IMA     90.09  10 eP     02 56.00  -0.1
        1.0s     5.50nm          4.4mb
FBA     90.13  13 ePc    02 55.50  -0.6
        0.8s     9.90nm          4.8mb
LZH     92.70 308 eP     03 09.00   0.2
        1.0s    23.00nm          5.2mb
YAK     93.11 339 iPc    03 09.20  -0.6
        0.9s    26.00nm          5.3mb
INK     96.21  16 eP     03 22.00  -1.7
YKA     98.57  25 eP     03 33.40  -1.1
```

06d 17h

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        0.8s      0.60nm          4.0mb X
GKN   105.04 294 PKP   08 14.40   -1.0
KAF   136.33 343 iPKP  09 13.90    0.1
        0.4s      2.80nm
NUR   138.11 342 ePKP  09 18.00    0.9
NB2   140.43 352 PKP   09 14.20   -7.1X
        0.8s      4.70nm
HFS   140.92 350 ePKP  09 14.90   -7.3X
        0.4s      3.20nm
BSD   145.37 345 iPKPc 09 31.00    1.1
        1.0s     77.00nm
KAS   146.15 312 ePKP  09 32.00    0.3
EKA   146.74   4 PKPc  09 34.30    2.2X
        1.0s     22.10nm
GLH   147.24 296 ePKP  09 37.30    3.7X
CLI   147.42 325 ePKP  09 37.00    3.5X
DMU   147.79   8 ePKP  09 37.40    3.6X
YTIR  147.90 294 ePKP  09 38.90    4.0X
VRI   148.15 324 ePKP  09 40.00    5.3X
KRA   148.24 336 ePKP  09 39.00    4.4X
DCN   148.28   9 ePKP  09 38.50    3.9X
RMN   148.43 292 ePKP  09 40.00    4.3X
CSS   148.65 301 ePKP  09 40.40    4.6X
ISR   148.71 323 ePKP  09 40.00    4.4X
SPC   148.82 335 ePKP  09 42.20    6.4X
KSP   148.82 341 iPKPd 09 40.20    4.7X
        0.9s     57.00nm
                   e   09 45.10
                   e   12 03.50
CLL   149.31 345 iPKP  09 41.20    5.0X
        1.2s     85.00nm
                   i   09 48.10
                   i   12 13.10
BRG   149.47 343 iPKPd 09 41.60    5.1X
        1.0s     60.00nm
                   i   09 48.60
WTS   149.81 352 iPKP  09 42.60    5.7X
        0.9s     85.00nm
PRU   150.10 342 iPKPd 09 43.00    5.5X
        0.9s     25.50nm
                   e   09 52.20
MOX   150.26 346 iPKPd 09 43.30    5.6X
        1.3s     35.00nm
HOF   150.51 345 ePKP  09 44.00    5.9X
        0.6s     15.00nm
SRO   150.69 335 iPKP  09 44.90    6.5X
ZST   150.82 337 ePKP  09 45.00    6.4X
KHC   151.15 342 iPKP  09 45.80    6.7X
        1.2s     19.00nm
                   i   09 56.80
                  pPKP 12 10.00
GRF   151.24 346 ePKPd 09 46.20    7.0X
                   e   09 57.20
MEM   151.27 353 iPKPc 09 45.93    6.8X
GEC2  151.37 342 PKP   09 38.20   -1.3
        0.9s      1.22nm
DOU   151.92 354 PKP   09 50.80   10.7X
WLF   152.18 352 PKPc  09 49.00    8.5X
KBA   153.06 340 iPKPc 09 48.50    6.4X
        0.9s      8.20nm
FLN   153.43   2 ePKP  09 41.90   -0.4
        1.0s     12.00nm
LDF   153.60   1 ePKP  09 41.80   -0.7
        1.0s      8.00nm
VBY   153.78 336 ePKP  09 42.00   -0.8
GRR   153.79   2 ePKP  09 42.30   -0.4
        1.0s      8.00nm
VOY   153.81 339 ePKP  09 42.00   -1.0
                   e   09 50.80
LOR   154.79 355 ePKP  09 44.00   -0.2
        0.8s      2.70nm
SSF   155.03 355 ePKP  09 44.40   -0.1
        1.0s      8.00nm
LBF   155.06 354 ePKP  09 44.30   -0.3
        1.2s     11.90nm
BCAO  155.23 227 iPKPc 09 46.40    0.6
        0.3s     14.00nm
                   i   10 16.00
MFF   155.59   1 ePKP  09 45.20   -0.1
        0.8s      5.35nm
TCF   155.88 357 ePKP  09 45.50   -0.2
        1.0s      6.00nm
LSF   155.94 358 ePKP  09 45.30   -0.5
        1.0s      8.00nm
LIC   163.28 160 PKP   09 54.62    0.1
        0.9s      8.50nm
KIC   163.50 161 PKP   09 55.02    0.2
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        1.0s     13.00nm
TIC   163.68 160 PKP   09 55.06    0.1
      S.D. = 0.9  on  97 of 135 obs.
-----------------------------------------
%  FEB  06, 1992  16h 55m 44.42± 0.73s
   45.963 N ± 5.8km    2.682 E ± 5.7km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                              (538)
      ML 2.1 (LDG).

MAF     0.27 343 Pg    55 50.60    0.5
                 Sg    55 54.90
TCF     0.46 315 Pg    55 54.10    0.3
                 Sg    56 00.50
BGF     0.61  11 Pg    55 56.30   -0.4
                 Sg    56 04.70
LSF     0.85 290 Pg    56 00.30   -0.6
                 Sg    56 12.30
AVF     0.95  29 Pg    56 02.50    0.0
                 Sg    56 14.40
SMF     1.05  49 Pg    56 04.30    0.0
                 Sg    56 18.20
CAF     1.12 203 Pg    56 05.70    0.2
                 Sg    56 20.80
LBF     1.36  41 Pg    56 09.40    0.0
                 Sg    56 27.00
      S.D. = 0.4  on   8 of   8 obs.
-----------------------------------------
%  FEB  06, 1992  17h 09m 31.99± 0.81s
   39.649 N ± 5.7km   27.883 E ± 9.9km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                              (366)

DST     0.58  94 iPg   09 44.60    0.9
                 iSg   09 53.10
EDC     0.70 359 ePg   09 46.00    0.2
                 eSg   09 52.00
KCT     0.70  31 iPg   09 46.40    0.5
BNT     0.71   2 iPg   09 45.40   -0.5
                 iSg   09 54.90
IZM     1.34 201 iPn   09 56.90    0.2
IZI     1.40  60 iPn   09 48.90   -8.7X
YLV     1.46  51 iPn   10 00.90    2.4X
ISK     1.6B  32 ePn   10 00.00   -1.5
HRT     1.80  49 iPn   10 06.40    3.1X
KHL     1.84 135 ePn   10 03.20   -0.8
GPA     1.97  70 ePn   10 11.70    5.9X
DMK     2.17 358 ePn   10 09.60    0.9
      S.D. = 1.0  on   8 of  12 obs.
-----------------------------------------
%  FEB  06, 1992  18h 06m 25.06± 1.04s
   17.860 N ±13.2km  101.675 W ± 6.9km
   DEPTH =  33.0km  (normal)
 NEAR COAST OF GUERRERO, MEXICO  ( 58)

ACX     2.00 119 iP    06 58.09    0.9
                 iS    07 24.09
III     2.16  76 iPc   06 59.26   -0.4
                 iS    07 27.99
COLM    2.32 305 iP    07 02.00    0.2
                 iS    07 33.50
CGX     2.49 318 iP    07 04.00   -0.4
                 iS    07 37.00
UNM     2.78  58 eP    07 09.50    1.0
TAC     2.81  56 eP    07 10.00    1.1
PPM     3.13  67 iP    07 13.54   -0.2
IIA     3.14  65 iP    07 13.18   -0.1
IIT     3.40  70 iP    07 16.09   -1.3
IISM    4.23  74 (P)   07 29.01    0.1
OXX     4.79  99 iP    07 36.00   -1.0
      S.D. = 0.9  on  11 of  11 obs.
-----------------------------------------
   FEB  06, 1992  18h 21m 39.80± 1.13s
   31.656 S ±10.0km   69.307 W ± 9.9km
   DEPTH = 148.7 ± 14.0 km
 SAN JUAN PROVINCE, ARGENTINA    (137)
      MD 4.2 (SAN).

RTCB    0.46  69 eP    22 02.00    0.8
ZON     0.55  79 iPd   22 01.00   -0.5
                 iS    22 27.00
CFA     0.91  87 iPc   22 03.50   -0.5
MDZ     1.28 163 iP    22 07.30   -0.1
                 iS    22 24.10
JACH    1.50 226 iPd   22 10.00    0.4
                 iS    22 31.00
PEL     1.89 218 iPc   22 14.00    0.0
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```
                 iS    22 37.80
ROCH    1.95 227 eP    22 14.60   -0.3
                 iS    22 39.00
PCH     2.21 207 iPc   22 18.30    0.5
                 iS    22 46.40
CHCH    2.54 206 iPc   22 22.40    0.6
                 iS    22 53.00
LCCH    2.63 226 eP    22 22.70   -0.3
CACH    2.68 204 iPc   22 24.60    0.8
                 iS    22 56.10
LNV     2.90 217 iPc   22 25.00   -1.3
RFA     3.19 167 iPc   22 30.00   -0.1
CYA     4.42  44 e(P)  22 46.50    0.2
      S.D. = 0.7  on  14 of  14 obs.
-----------------------------------------
*  FEB  06, 1992  18h 47m 02.35± 0.55s
   34.642 N ±12.4km   72.623 E ±11.7km
   DEPTH =  33.0km  (normal)
   4.1mb (  5 obs.)
 PAKISTAN                            (710)

NDI     7.11 145 iPn   48 48.00    1.2
        0.4s     46.61nm          5.8mb X
                 iSn   50 04.00
GKN    12.21 120 P     49 57.60    0.6
DMN    12.78 120 P     50 04.60   -0.1
KKN    12.80 119 P     50 04.40   -0.5
PKI    13.02 119 P     50 07.40   -0.5
GUN    13.17 117 P     50 09.80   -0.1
HYB    17.95 161 eP    51 10.50   -0.7
                 eS    54 52.00
CHG    28.19 117 eP    53 12.00   18.0X
GEC2   45.09 307 PKP   55 16.70   -0.4
        0.6s      0.38nm          3.5mb
HFS    45.34 323 eP    55 18.70   -0.1
        0.4s      1.40nm          4.2mb
NB2    46.66 324 P     55 29.60    0.4
        0.7s      3.10nm          4.4mb
WB2    79.89 123 eP    59 17.10    7.6X
        0.9s      1.90nm          4.1mb
YKA    83.03   3 eP    59 25.60    0.4
        0.7s      1.00nm          4.0mb
      S.D. = 0.6  on  11 of  13 obs.
-----------------------------------------
   FEB  06, 1992  18h 47m 27.47± 0.94s
   38.039 N ± 8.2km   28.847 E ± 9.8km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                              (366)

KHL     0.60  62 iPg   47 38.50   -1.2
                 iSg   47 42.00
CIN     0.74 234 iPgd  47 43.00    1.0
                 iSg   47 54.00
YER     1.01 207 ePg   47 46.70    0.1
IZM     1.30 286 iPg   47 49.40   -2.1
                 iSg   48 02.40
ELL     1.54 146 ePn   48 01.00    5.9X
KCT     2.24 350 iPn   48 04.30   -0.9
IZI     2.35  12 iPn   48 07.30    0.6
BNT     2.42 343 ePn   48 09.40    1.7
EDC     2.43 342 ePn   48 08.00    0.2
GPA     2.52  26 ePn   48 12.00    2.9X
YLV     2.56   9 ePn   48 10.40    0.7
      S.D. = 1.4  on   9 of  11 obs.
-----------------------------------------
   FEB  06, 1992  19h 54m 44.09± 0.69s
   21.438 S ± 6.2km   68.450 W ± 9.1km
   DEPTH = 131.9 ±  8.0 km
   4.8mb (  3 obs.)
 CHILE-BOLIVIA BORDER REGION     (124)

YJA     2.83 105 iPc   55 31.00    1.3
ANT     2.90 218 iP    55 28.20   -1.8
                 iS    55 55.50
SLA     4.26 141 iPc   55 49.50    1.2
CCH     4.58  29 P     55 52.30   -0.6
LPB     4.89   4 P     55 58.30    1.2
        1.0s    400.00nm
ZOBO    5.13   3 P     56 00.30   -0.3
ARE     5.72 329 eP    56 03.00   -5.3X
                 iS    57 06.50
SIV     8.84  53 iPc   56 46.00   -4.3X
RTCB   10.01 182 eP    57 07.50    1.7
CFA    10.13 179 iPc   57 04.00   -3.3X
MDZ    11.41 182 e(P)  57 24.50    0.3
NNA    12.36 318 eP    57 37.00    0.3
        0.9s     10.08nm          4.4mb
```

eS 59 51.50
RFA 13.28 180 iPc 57 46.20 -2.5
ITB1 13.33 107 Pc 57 55.50 6.2X
ITB 13.52 107 e(P) 57 57.00 5.2X
PPD 15.94 95 eP 58 22.10 -0.1
e 58 23.70
VAO 19.95 98 eP 59 05.60 -2.4
e 59 06.20
LIC 67.96 74 P 05 30.30 -0.9
KIC 68.27 74 P 05 32.30 -0.8
SPA 68.69 180 iPd 05 36.60 1.5
0.8s 16.67nm 4.9mb
SES 80.80 334 eP 06 44.00 -0.2
YKA 91.27 340 eP 07 34.50 -0.6
0.6s 5.00nm 4.9mb
ASPA 130.17 207 ePKP 13 41.20 0.5
0.7s 5.60nm
WB2 133.22 210 iPKPd 13 47.00 0.5
0.5s 4.20nm
WRA 133.22 210 PKP 13 47.50 1.0
0.6s 2.70nm
HYB 148.66 92 ePKP 14 15.00 1.1
S.D. = 1.3 on 21 of 26 obs.

FEB 06, 1992 20h 29m 18.39± 0.28s
52.206 N ± 5.8km 159.675 E ± 4.8km
DEPTH = 44.6km (11 depth phases)
4.9mb (61 obs.) 4.4Msz (8 obs.)
OFF EAST COAST OF KAMCHATKA (219)

SMY 8.83 81 ePc 31 23.20 -3.0
KUSJ 13.57 234 eP 32 24.20 -6.0X
ASAJ 13.93 241 eP 32 35.50 0.6
HOOJ 14.81 235 eP 32 42.70 -3.6X
OFUJ 18.12 231 P 33 29.90 1.7
YAK 18.82 313 iPd 33 34.30 -2.3
1.0s 121.00nm 5.1mb
Z 16s 0.70um 4.1Msz
N 16s 0.70um
E 15s 0.50um
epP 33 52.00
ePP 33 53.00
ePPP 34 05.00
eS 37 17.00
eSS 37 42.00
ePcP 37 51.00
eSSS 38 10.00
YAMJ 19.62 232 eP 33 45.50 -0.3
MAT 21.80 233 eP 34 08.00 -0.2
1.0s 100.00nm 5.2mb
TTA 25.53 48 eP 34 45.10 0.9
SVW 25.65 52 eP 34 45.70 0.5
IMA 26.88 41 eP 34 55.70 -0.9
1.1s 9.50nm 4.3mb
BRW 27.14 29 eP 34 59.50 0.8
FBA 29.24 44 eP 35 17.20 -0.5
1.2s 0.60nm 3.1mb X
pP 35 30.10 51km
BJI 32.03 265 eP 35 40.00 -2.5
Z 20s 0.90um 4.5Msz
eS 41 30.00
INK 34.73 37 iPc 36 05.10 -0.6
SSE 35.09 248 P 36 08.50 -0.5
Z 20s 0.50um 4.3Msz
i 36 21.50 49km
MBC 37.96 23 ePd 36 33.00 0.2
0.5s 2.00nm 4.3mb
LZH 42.08 270 Pc 37 07.00 -0.5
1.0s 39.00nm 5.1mb
Z 20s 0.59um 4.5Msz
E 12s 0.34um
pP 37 18.50 41km
sP 37 23.00
YKA 43.99 42 eP 37 21.70 -0.8
0.9s 5.00nm 4.3mb
NEW 50.58 59 eP 38 14.00 -0.3
1.0s 2.25nm 4.1mb
pP 38 28.00 52km
DAG 51.29 360 iPc 38 19.00 -0.3
0.9s 25.21nm 5.2mb
SES 52.37 54 eP 38 27.00 -0.9
pP 38 39.00 43km
FFC 53.83 45 iPd 38 38.20 -0.3
1.0s 18.00nm 5.1mb
LOE 56.89 255 eP 39 01.00 -0.1
TNP 57.15 69 eP 39 02.30 -0.7
0.9s 3.32nm 4.4mb
pP 39 16.10 50km
CHG 57.48 259 ePc 39 05.40 0.2
0.9s 31.51nm 5.4mb
CHTO 57.48 259 eP 39 04.90 -0.3
0.8s 26.90nm 5.4mb
BW06 58.18 60 iP 39 10.30 0.1
1.2s 10.27nm 4.8mb
pP 39 24.20 50km
GUN 58.74 276 P 39 13.20 -1.2
0.7s 32.00nm 5.6mb
KKN 59.19 277 P 39 16.00 -1.3
0.5s 22.00nm 5.5mb
NST 59.20 255 eP 39 23.00 5.8X
PKI 59.27 276 P 39 16.60 -1.4
0.8s 42.00nm 5.6mb
DMN 59.43 277 P 39 18.00 -1.0
0.8s 65.00nm 5.8mb
GKN 59.43 277 P 39 17.60 -1.3
0.8s 43.00nm 5.6mb
RSSD 60.11 56 iP 39 23.20 -0.3
0.7s 32.18nm 5.6mb
pP 39 34.90 40km
KAF 60.20 337 eP 39 21.00 -2.6
0.8s 24.30nm 5.4mb
KHT 60.81 256 iPc 39 29.00 0.8
NUR 62.00 337 iP 39 34.30 -1.4
0.9s 25.30nm 5.3mb
UPP 64.18 340 iPc 39 48.70 -1.4
1.0s 100.00nm 5.8mb
NB2 64.32 344 P 39 49.70 -1.4
0.7s 1.47nm 4.1mb
HFS 64.72 342 eP 39 52.20 -1.4
0.4s 12.00nm 5.3mb
Z 17s 0.27um 4.5MszX
LR 11 00.00
ANMO 65.46 64 eP 40 00.30 1.3
1.0s 4.25nm 4.4mb
pP 40 11.10 35km
SNG 65.68 249 eP 40 02.00 1.7
IPM 67.56 247 ePc 40 13.00 0.7
0.8s 31.30nm 5.4mb
MAIO 67.87 301 eP 40 14.00 -0.1
QUE 68.35 291 eP 40 15.80 -1.5
HYB 71.02 274 ePc 40 32.50 -1.1
1.0s 20.00nm 5.0mb
e 40 53.00 77kmX
KRA 72.55 334 eP 40 42.10 0.0
KSP 72.76 337 iPc 40 43.00 -0.4
CLL 73.09 339 iP 40 39.90 -5.4X
1.4s 38.00nm 5.2mb
SPC 73.25 334 e(P) 40 47.60 1.1
BRG 73.29 338 iP 40 46.60 0.2
1.1s 19.00nm 5.0mb
WTS 73.69 343 eP 40 49.00 0.3
0.8s 8.00nm 4.7mb
PRU 73.97 337 P 40 50.60 0.2
MOX 74.02 339 eP 40 51.50 0.8
CFR 74.41 327 eP 40 52.50 -0.5
CVO 74.50 328 ePc 40 54.50 0.9
MLR 74.87 328 ePc 40 57.00 1.1
ISR 74.99 328 eP 40 57.50 1.0
KHC 75.00 338 Pc 40 56.80 0.3
1.2s 13.00nm 4.8mb
e 41 08.00 37km
e 41 19.00
ZST 75.00 335 i(P) 40 56.50 0.1
GRF 75.00 339 eP 40 57.50 1.1
Z 20s 0.20um 4.4Msz
e 41 03.00 18kmX
SRO 75.03 334 eP 40 56.60 0.0
MEM 75.16 343 iPd 40 57.86 0.6
WB2 75.16 205 iPc 40 57.60 0.0
0.7s 8.90nm 4.8mb
WRA 75.17 205 P 40 57.80 0.2
0.7s 2.90nm 4.3mb
GEC2 75.24 338 P 40 56.40 -1.5
0.8s 3.02nm 4.3mb
DOU 75.91 344 P 41 00.30 -1.2
KBA 76.98 337 iPc 41 08.60 0.8
0.7s 19.70nm 5.2mb
i 41 39.60 122kmX
i 41 44.00
CDF 77.03 342 eP 41 08.20 0.2
1.0s 12.00nm 4.9mb
SOTA 77.34 339 iPc 41 10.20 0.5
1.0s 14.00nm 4.9mb
i 41 22.90 43km
i 41 35.80
FEL 77.40 341 P 41 09.70 -0.3
PTJ 77.42 335 iP 41 10.20 0.1
VITF 77.47 342 P 41 10.23 0.0
HAU 77.60 342 eP 41 11.30 0.3
0.8s 6.70nm 4.7mb
Z 22s 0.17um 4.3Msz
BSF 77.68 342 eP 41 11.40 -0.2
0.9s 9.85nm 4.8mb
VBY 77.97 335 ePc 41 13.10 0.1
FLN 78.00 347 eP 41 13.10 0.0
0.9s 8.20nm 4.8mb
Z 22s 0.15um 4.3Msz
LDF 78.11 346 eP 41 13.80 0.0
LOMF 78.14 342 P 41 13.95 -0.1
GRR 78.42 347 iPc 41 15.70 0.3
0.9s 14.75nm 5.0mb
LOR 78.76 343 iPc 41 17.60 0.2
0.8s 9.40nm 4.8mb
Z 22s 0.25um 4.5Msz
LPF 78.79 347 eP 41 17.90 0.4
1.0s 12.00nm 4.8mb
ASPA 78.84 204 eP 41 18.70 0.7
1.0s 9.60nm 4.7mb
LBF 79.02 343 eP 41 18.80 0.0
1.0s 8.00nm 4.6mb
SSF 79.03 344 eP 41 19.00 0.2
1.0s 7.00nm 4.6mb
AVF 79.32 344 iPc 41 20.90 0.5
0.9s 13.10nm 4.9mb
SMF 79.37 343 iPc 41 21.00 0.3
0.9s 8.20nm 4.7mb
SKO 79.46 330 eP 41 21.20 -0.1
BGF 79.63 344 eP 41 22.40 0.3
1.0s 10.00nm 4.7mb
VAY 79.70 329 iP 41 22.60 0.1
LPL 79.91 341 iPc 41 25.10 1.2
0.9s 14.75nm 4.9mb
LPG 79.93 341 iPc 41 25.40 1.3
1.0s 18.00nm 5.0mb
TCF 80.00 344 eP 41 24.60 0.5
1.0s 10.00nm 4.7mb
MAF 80.00 344 iPc 41 25.10 1.0
1.0s 16.00nm 4.9mb
MFF 80.06 346 eP 41 25.20 0.8
1.0s 8.00nm 4.6mb
PLDF 80.06 343 P 41 26.00 1.5
LSF 80.14 345 eP 41 25.10 0.2
1.0s 12.00nm 4.8mb
PYM 80.38 344 P 41 27.00 0.8
OHR 80.45 330 eP 41 26.20 -0.4
LBL 80.84 343 P 41 30.90 2.2
RJF 81.07 345 eP 41 30.40 0.7
1.2s 17.85nm 4.9mb
Z 22s 0.20um 4.4Msz
CAF 81.34 344 iPc 41 32.60 1.4
1.0s 18.00nm 5.0mb
SBF 81.35 340 eP 41 32.90 1.6
0.8s 13.45nm 5.0mb
LFF 81.55 345 eP 41 33.40 1.2
0.9s 14.75nm 5.0mb
LPO 81.72 345 iPc 41 34.40 1.2
0.9s 16.40nm 5.0mb
GLH 82.32 315 eP 41 36.70 0.2
EPF 83.47 345 iPc 41 43.00 0.7
1.0s 10.00nm 4.8mb
YTIR 83.72 315 eP 41 43.80 0.0
MBH 85.18 314 iPc 41 51.10 0.0
SIV 131.62 57 PKP 48 27.00 -0.9
S.D. = 1.0 on 107 of 111 obs.

FEB 06, 1992 21h 24m 48.71± 1.42s
27.891 N ± 8.3km 139.783 E ± 8.5km
DEPTH = 435.6 ± 15.0 km
4.4mb (15 obs.)
BONIN ISLANDS REGION (212)

MAT 8.73 352 iPc 26 53.30 0.0
0.7s 52.74nm 5.0mb
(S) 28 14.00
SSE 16.50 286 eP 28 16.50 -0.4
0.6s 4.00nm 4.1mb
LZH 31.42 294 Pd 30 34.00 0.0
1.0s 16.00nm 4.4mb
sP 31 13.00
CHG 38.42 265 eP 31 32.90 0.5
CHTO 38.42 265 eP 31 33.00 0.6

1.1s 10.60nm 4.2mb
GUN 47.30 283 P 32 44.40 1.1
0.8s 42.00nm 4.9mb
PKI 47.78 283 P 32 47.00 0.1
WB2 47.84 187 iPd 32 46.30 -0.6
0.6s 4.60nm 4.1mb
WRA 47.84 187 P 32 46.80 -0.1
0.6s 3.50nm 3.9mb
KKN 47.84 283 P 32 47.60 0.4
DMN 48.04 283 P 32 49.20 0.4
GKN 48.35 284 P 32 51.40 0.4
1.1s 42.00nm 4.8mb
ASPA 51.57 187 eP 33 13.80 -0.9
0.6s 4.00nm 3.9mb
FBA 57.66 29 eP 33 58.00 0.5
0.9s 1.10nm 3.3mb X
INK 63.20 25 eP 34 33.00 -1.1
YKA 72.45 28 eP 35 30.40 -0.2
0.7s 7.90nm 4.5mb
PNT 75.80 42 eP 35 51.00 1.2
KAF 75.83 334 iP 35 49.50 -0.1
0.5s 10.20nm 4.7mb
NUR 77.39 333 iP 35 58.10 -0.1
0.8s 19.10nm 4.8mb
SES 80.13 38 ePd 36 13.60 0.6
UPP 80.56 334 iP 36 14.12 -0.8
LRM 81.73 42 eP 36 22.50 0.8
HFS 81.84 336 eP 36 20.70 -0.9
0.4s 6.40nm 4.6mb
NB2 82.07 337 P 36 21.90 -1.0
0.7s 11.20nm 4.6mb
GEC2 89.72 328 ePd 36 58.20 -1.9
0.6s 0.90nm 3.9mb
ZOBO 151.75 72 ePKP 43 50.00 1.6
1.0s 14.00nm
i 43 56.00
S.D. = 0.9 on 26 of 26 obs.

% FEB 06, 1992 21h 44m 35.49± 0.62s
44.361 N ± 7.0km 7.328 E ± 6.8km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.8 (GEN).

STV 0.12 181 P 44 38.73 0.2
S 44 40.89
ENR 0.15 154 P 44 39.25 0.2
S 44 41.91
PZZ 0.22 312 P 44 40.17 -0.1
S 44 43.45
ROB 0.39 100 P 44 44.07 0.5
S 44 50.32
IMI 0.61 138 P 44 47.24 -0.5
S 44 55.75
FIN 0.65 103 P 44 48.17 -0.3
RRL 0.68 325 P 44 49.19 0.0
S.D. = 0.4 on 7 of 7 obs.

? FEB 06, 1992 22h 05m 33.56± 5.29s
40.245 S ±41.9km 74.324 W ±48.8km
DEPTH = 33.0km (normal)
OFF COAST OF SOUTHERN CHILE (143)

LNV 6.69 21 iPc 07 13.00 0.9
CACH 6.80 27 eP 07 14.10 0.4
CHCH 6.95 26 eP 07 16.00 0.3
RFA 7.18 42 iP 07 19.00 0.0
PCH 7.28 26 iPd 07 20.10 -0.3
PEL 7.67 24 eP 07 24.50 -1.3
eS 08 47.00
SIV 26.78 29 P 11 12.40 0.0
S.D. = 0.8 on 7 of 7 obs.

FEB 06, 1992 22h 21m 36.74± 0.36s
8.209 N ± 2.7km 72.798 W ± 3.0km
DEPTH = 171.9 ± 3.6 km
4.5mb (34 obs.)
VENEZUELA (101)
MD 5.2 (UPA). Felt at Medellin.

BMG 1.16 194 iPd 22 27.00 21.6X
SDV 2.24 72 iPnd 22 18.70 2.1
iSn 22 50.00
FUQ 2.88 199 iP 22 24.00 -0.3
TOV 3.36 62 iPnd 22 31.80 1.7
iSn 23 09.50
BOG 3.78 200 iPd 22 37.00 1.3
iS 23 13.00
MORO 5.15 59 iP 22 53.30 -0.1
eS 23 38.60
OLLA 6.19 73 iP 23 07.60 0.5
CAR 6.23 68 iP 23 08.30 0.7
LLAV 6.33 69 iP 23 09.60 0.7
iS 24 19.70
UPA 6.71 277 eP 23 09.50 -4.3X
iS 24 21.00
GUAN 7.27 76 iP 23 21.70 0.1
iS 24 19.80
PSO 8.30 213 iP 23 35.00 -0.5
YHJ 10.27 340 iPd 24 01.53 0.5
PCJ 10.39 336 iPd 24 02.86 0.4
STH 10.56 339 iPd 24 03.68 -1.1
S 25 52.49
BBJ 11.01 337 iPd 24 10.63 0.0
S 26 02.09
TCE 11.17 76 eP 24 12.93 0.2
TPP 11.39 79 eP 24 16.87 1.3
PORP 11.47 31 P 24 13.00 -3.7X
TRN 11.50 77 eP 24 16.26 -0.7
CLLP 11.53 31 P 24 15.50 -1.8
SJG 11.78 33 eP 24 16.50 -4.1X
TBH 11.79 78 eP 24 21.55 0.7
CPD 11.84 34 P 24 17.50 -4.0X
TPR 12.21 75 eP 24 26.75 0.5
FCV 12.37 66 eP 24 26.48 -1.8
SLB 12.82 63 eP 24 32.15 -1.9
BIM 13.09 60 eP 24 35.20 -2.3
FDF 13.12 59 eP 24 35.80 -2.1
0.5s 1.70nm 3.7mb
MVM 13.26 61 eP 24 37.20 -2.4
NNA 20.46 191 iP 26 01.50 -1.2
ARE 24.55 177 eP 26 42.00 -0.5
ZOBO 24.77 169 iPc 26 44.20 -0.8
Z 20s 0.18um 3.6Msz
LR 32 10.00
LPB 25.02 169 P 26 46.00 -1.0
CCH 26.26 166 eP 27 00.00 1.7
SIV 26.70 154 iP 27 02.00 0.0
PWLA 30.10 334 P 27 32.40 0.2
pP 28 06.90 165kmX
TBR 32.82 358 P 27 56.40 0.6
FVM 33.65 334 P 28 02.80 -0.2
0.8s 26.45nm 5.0mb
pP 28 38.00 165kmX
BAO 34.13 134 Pc 28 08.70 1.2
VVO 34.21 325 ePd 28 07.00 -0.8
RLO 34.43 327 ePc 28 08.80 -0.8
LNO 34.66 326 ePc 28 10.80 -0.7
e 28 12.70
e 28 43.90
TUL 34.66 326 ePc 28 11.00 -0.6
0.7s 33.70nm 5.1mb
e 28 44.60
SIO 34.82 325 ePc 28 12.30 -0.7
TYNO 35.30 351 P 28 17.98 1.1
STCO 35.31 352 P 28 16.80 -0.1
ACTO 35.83 351 P 28 22.64 1.3
WLVO 35.91 353 P 28 23.05 1.1
PPD 36.70 145 eP 28 29.70 0.7
e 28 30.30
e 28 34.80
PDCR 39.30 121 (P) 28 51.00 0.3
RTCB 39.65 175 iPd 28 37.00 -16.5X
VAO 40.02 141 eP 28 57.10 0.6
PEL 41.17 177 iP 29 05.20 -0.6
LCCH 41.47 178 ePc 29 07.90 -0.3
PCH 41.65 177 ePc 29 09.10 -0.7
LNV 41.95 178 eP 29 10.70 -1.4
CHCH 41.96 177 eP 29 11.50 -0.8
CACH 42.14 177 iP 29 13.50 -0.4
GOL 42.79 322 P 29 19.60 0.3
pP 29 55.30 162kmX
RFA 42.94 175 iP 29 19.70 -0.6
GLA 46.01 309 P 29 45.50 0.7
DAU 46.89 319 P 29 51.30 -0.6
pP 30 27.80 163kmX
DUG 47.79 318 P 29 59.20 0.5
0.4s 2.15nm 4.1mb
pP 30 34.50 156kmX
HVU 48.58 320 P 30 04.50 -0.4
pP 30 40.70 160kmX
HPI 49.82 322 P 30 14.60 0.2
pP 30 50.20 156kmX
TNP 49.83 314 P 30 14.00 -0.5
pP 30 50.30 160kmX
ABL 50.07 309 P 30 16.50 0.2
BONR 50.56 313 P 30 20.20 0.1
pP 30 56.30 158kmX
LRM 50.63 325 eP 30 20.40 -0.1
e 30 56.70
SES 52.66 330 ePd 30 34.90 -0.4
LBFM 54.45 316 P 30 48.00 -0.8
pP 31 24.10 156kmX
DPW 55.05 324 P 30 51.70 -1.1
pP 31 28.70 160kmX
VGB 55.47 321 P 30 56.20 0.3
pP 31 32.50 157kmX
GMW 57.62 322 P 31 10.00 -1.0
YKA 62.08 339 eP 31 39.50 -1.5
0.5s 18.60nm 5.2mb
AVE 64.99 57 eP 32 01.00 0.5
i 32 40.00
i 33 30.00
LIC 67.20 87 P 32 13.40 -1.5
KIC 67.46 87 P 32 15.20 -1.4
TOL 68.49 50 eP 32 22.50 0.0
DCN 68.93 36 iPd 32 24.90 0.0
DMU 69.29 35 iPd 32 26.90 -0.1
EKA 71.75 34 Pc 32 41.80 0.0
0.8s 8.10nm 4.5mb
LPF 71.75 42 eP 32 41.70 -0.3
0.6s 6.30nm 4.5mb
INK 71.84 340 eP 32 42.00 -0.1
GRR 71.92 42 eP 32 42.90 -0.1
0.6s 10.80nm 4.8mb
EPF 72.12 48 eP 32 44.70 0.3
0.6s 6.30nm 4.5mb
MFF 72.17 44 eP 32 44.70 0.2
0.6s 12.65nm 4.8mb
FLN 72.22 41 eP 32 44.90 0.1
LDF 72.44 42 eP 32 46.00 0.0
0.6s 7.20nm 4.6mb
MBC 72.50 350 ePd 32 46.30 0.4
0.6s 21.00nm 5.0mb
LFF 72.60 46 eP 32 47.00 0.0
0.6s 5.40nm 4.5mb
LPO 72.89 46 eP 32 48.60 -0.1
0.6s 7.20nm 4.6mb
RJF 73.18 45 eP 32 50.20 -0.2
0.6s 7.20nm 4.6mb
LSF 73.28 44 eP 32 50.90 -0.1
0.6s 5.40nm 4.5mb
CAF 73.53 46 eP 32 52.50 0.0
0.6s 5.40nm 4.5mb
MAF 73.99 44 eP 32 55.10 0.0
0.7s 4.40nm 4.3mb
BGF 74.21 44 eP 32 56.40 0.0
0.6s 8.10nm 4.6mb
DAG 74.22 11 iPd 32 56.00 0.1
0.7s 15.75nm 4.9mb
AVF 74.58 44 eP 32 58.00 -0.5
0.6s 3.15nm 4.2mb
SSF 74.71 44 eP 32 58.70 -0.5
0.5s 2.90nm 4.3mb
KLU 74.79 332 P 33 01.90 2.4
pP 33 37.40 143kmX
SMF 74.91 44 eP 33 00.10 -0.3
0.6s 4.50nm 4.4mb
LOR 74.96 43 eP 33 00.40 -0.3
0.6s 7.20nm 4.6mb
LBF 75.02 44 eP 33 00.40 -0.7
0.8s 4.05nm 4.2mb
DOU 75.66 40 P 33 04.80 0.3
FBA 76.25 335 eP 33 08.20 0.6
RND 76.46 333 P 33 09.30 0.4
pP 33 47.80 156kmX
WLF 76.64 41 P 33 10.00 0.1
LPL 76.86 45 eP 33 12.40 0.8
0.6s 2.70nm 4.2mb
LPG 76.87 45 eP 33 12.60 0.8
0.8s 3.35nm 4.1mb
BSF 76.98 43 eP 33 11.60 -0.5
0.6s 3.60nm 4.3mb
IMA 78.84 336 eP 33 22.80 0.8
0.8s 2.80nm 4.0mb
SVW 79.39 331 eP 33 25.10 0.2
NB2 79.97 29 P 33 29.30 1.4
0.7s 13.90nm 4.8mb
HFS 81.19 30 eP 33 34.70 0.4
0.5s 5.50nm 4.5mb
KHC 81.49 42 eP 33 36.50 0.4

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                    e        34 16.20
GEC2     81.58   42 Pd       33 36.40   -0.3
         0.6s     0.88nm             3.7mb
VOY      81.86   45 e(P)     33 38.60    0.4
                    e        34 18.00
PRU      82.07   41 eP       33 40.00    0.9
                    e        34 19.00
LJU      82.31   45 e(P)     33 41.50    1.1
                    e        34 20.50
NUR      86.57   29 iP       34 02.30    0.9
KAF      87.05   28 eP       34 04.00    0.4
BCAO     90.69   85 iPd      34 22.90    1.1
         0.7s    11.00nm             5.0mb
                    i        35 03.50
SPA      98.15  180 iPd      34 57.00    2.1
         1.2s    14.08nm             5.3mb
ASPA    150.16  236 iPKPc 41 04.70    0.7
         0.6s    25.80nm
WB2     151.25  243 iPKPc 41 12.00    6.3X
         0.5s    70.20nm
                    i        41 17.70
CHG     151.94   17 ePKP  41 14.00    7.2X
WARB    154.29  224 iPKPd 41 18.50    8.6X
         0.4s     3.00nm
    S.D. = 0.9  on 120 of 129 obs.
------------------------------------
   FEB 06, 1992  22h 28m 27.14± 0.36s
   44.877 N ± 3.0km     7.350 E ± 3.9km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                    (545)
       ML 2.8 (GEN), 2.7 (LDG).

BHB       0.07 240 Pd       28 30.10    0.6
                   S        28 31.79
RSP       0.28 347 Pc       28 33.30    0.2
DOI       0.38 191 P        28 34.50   -0.5
                   eSg      28 39.30
RRL       0.40 276 Pc       28 34.43   -1.0
                   S        28 39.05
PZZ       0.41 206 Pc       28 34.92   -0.7
                   S        28 40.13
BNI       0.51 290 P        28 36.20   -1.3
                   eSg      28 43.10
LSD       0.60 347 Pc       28 38.75   -0.6
                   S        28 46.23
STV       0.63 182 P        28 38.51   -1.4
                   S        28 46.08
ENR       0.65 176 P        28 38.96   -1.3
                   S        28 47.07
RO8       0.69 147 P        28 40.90    0.0
                   S        28 49.71
LPG       0.75 326 Pg       28 41.20   -0.8
                   Sg       28 50.30
LPL       0.77 326 Pg       28 41.60   -0.8
                   Sg       28 51.00
CKI       0.80 124 P        28 43.70    1.0
                   eSg      28 56.40
ORO       0.87  31 P        28 45.20    1.2
                   eSg      28 57.60
ORX       0.88  30 P        28 42.42   -1.7
                   S        28 53.51
FIN       0.91 137 P        28 44.83    0.3
                   S        28 56.78
PCP       0.92 111 P        28 45.86    1.2
                   S        28 58.72
SBF       1.02 177 Pg       28 45.50   -0.9
                   Sg       28 59.30
IMI       1.04 158 P        28 46.43   -0.4
                   S        28 59.76
FRF       1.41 201 Pg       28 53.40    0.6
                   Sg       29 12.00
LRG       1.59 207 Pg       28 56.70    1.3
                   Sg       29 17.90
CDR       1.65 224 iPnc     28 58.30    2.0
                   eSn      29 19.10
                   e        29 19.30
LMR       1.66 202 Pg       28 57.90    1.5
                   Sg       29 18.50
PGF       2.62 152 Pn       29 08.30   -2.0
SMF       3.03 307 Pn       29 17.00    1.0
                   Pg       29 23.90
LBF       3.16 313 Pn       29 18.50    0.6
LOR       3.41 316 Pn       29 21.40    0.0
SSF       3.46 311 Pn       29 22.50    0.4
BGF       3.57 300 Pn       29 23.90    0.1
CAF       3.76 273 Pn       29 26.70    0.3
TCF       3.87 293 Pn       29 28.90    0.8
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     S.D. = 1.1  on  31 of  31 obs.
------------------------------------
& FEB 06, 1992  23h 17m 47.74s
  60.707 N             150.402 W
  DEPTH =  43.2km
 KENAI PENINSULA, ALASKA          ( 14)
        <AEIC>. ML 2.3 (AEIC).

SLKM      0.22 156 P        17 54.92   -0.7
PMR       1.08  34 P        18 05.54   -1.1
                   S        18 17.99
RSO       1.19 259 P        18 04.79   -3.6
                   S        18 23.12
PDB       2.10 246 P        18 20.83   -0.3
                   S        18 45.88
KLU       2.32  68 P        18 22.33   -1.9
                   S        18 49.78
SVW       2.58 281 P        18 28.20    0.1
          6 obs. associated
------------------------------------
   FEB 07, 1992  00h 06m 28.71± 0.15s
   43.202 N ± 3.4km  146.572 E ± 2.6km
   DEPTH =  52.9km   ( 21 depth phases)
   5.6mb ( 81 obs.)
 KURIL ISLANDS                     (221)

KUSJ      1.37 266 iPd      06 51.30   -0.4
                   S        07 07.70
HOOJ      2.55 252 P        07 10.10    1.7
                   eS       07 40.10
ASAJ      3.00 289 iPd      07 17.00    2.2
MRRJ      4.12 261 eP       07 31.60    1.0
                   eS       08 18.10
OFUJ      5.54 224 P        07 47.80   -2.8
                   eS       08 45.90
YAMJ      7.06 227 eP       08 09.90   -2.0
                   S        09 24.40
NIIJ      8.30 227 P        08 30.30    1.2
KAKJ      8.55 217 P        08 32.00   -0.5
                   S        09 58.60
CHJJ      9.23 222 eP       08 41.50   -0.3
                   S        10 16.00
MAT       9.25 227 (P)      08 42.00   -0.1
                   (S)      10 22.00
MTMJ      9.43 228 eP       08 43.50   -1.3
SMY      20.64  53 ePc      11 07.20    1.3
         0.9s   289.20nm            5.6mb
BJI      22.88 272 eP       11 27.50   -0.9
         1.5s   103.00nm            5.0mb
      Z  22s      0.62um            4.0Msz
      N  10s      0.26um
                   eS       15 36.00
SSE      23.47 247 Pd       11 36.50    2.4
         0.8s    23.00nm            4.7mb
      Z  20s      0.60um            4.1Msz
                   pP       11 49.00   51km
                   i        12 38.20
                   i        12 56.00
                   S        15 44.00
                   sS       16 02.00
ADK      26.04  58 eP       11 58.30   -0.1
LZH      33.37 272 Pc       13 04.00   -0.1
         1.5s    93.00nm            5.4mb
      Z  30s      0.35um            3.9MszX
                   pP       13 16.00   45km
                   sP       13 21.00
                   PP       14 18.00
                   PcP      15 45.00
                   S        18 21.00
                   sS       18 40.00
                   SS       20 26.00
ANM      34.28  35 ePc      13 12.20    0.8
TTA      38.12  39 ePc      13 44.70    0.7
         0.7s    28.60nm            5.3mb
SVW      38.24  42 ePc      13 46.50    1.6
PDB      38.96  44 P        13 50.90    0.0
BRW      39.18  25 ePc      13 51.80   -0.7
IMA      39.37  34 iPc      13 55.10    0.7
                   e        16 03.40
                   e        16 22.90
RSO      39.65  43 P        13 56.90    0.0
KDC      39.98  47 ePc      13 59.40    0.1
         0.9s   159.10nm            5.9mb
                   e        14 13.30
KMI      39.99 258 Pc       13 59.00   -1.1
         1.5s   110.00nm            5.5mb
                   pP       14 12.50   51km
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SLKM     40.90  42 P        14 06.00   -0.9
PMR      41.35  41 ePc      14 10.50    0.0
         1.2s    82.70nm            5.4mb
                   e        16 08.70
                   e        16 27.70
RND      41.37  38 P        14 10.20   -0.6
                   pP       14 23.70   51km
FBA      41.79  36 ePc      14 15.20    1.1
         1.1s   149.20nm            5.6mb
TOA      42.70  40 ePc      14 23.00    1.3
KLU      42.89  41 P        14 23.30    0.1
                   pP       14 37.20   53km
BALM     44.66  41 P        14 37.60   -0.1
LOE      45.75 250 eP       14 46.80    0.2
CHG      46.73 254 ePc      14 55.00    0.7
         1.0s    31.25nm            5.2mb
INK      47.09  30 iPc      14 56.90    0.3
         0.7s   198.00nm            6.2mb
NST      48.05 250 eP       15 11.00    6.3X
SIT      49.18  45 eP       15 14.80    1.9
         1.3s    72.00nm            5.5mb
MBC      49.47  18 ePd      15 14.20   -0.7
         0.7s    13.00nm            5.1mb
KHT      49.72 250 eP       15 19.00    1.4
GUN      50.63 273 P        15 25.00    0.2
KKN      51.13 274 P        15 28.00   -0.5
PKI      51.16 273 P        15 28.60   -0.3
DMN      51.36 274 P        15 30.00   -0.3
GKN      51.48 274 P        15 31.00   -0.1
SNG      53.91 242 eP       15 50.80    1.8
YKA      56.49  33 eP       16 06.30   -0.9
         0.8s    38.20nm            5.5mb
KEV      59.08 339 eP       16 24.00   -1.3
PGC      59.29  50 eP       16 27.00    0.0
DAG      59.95 356 iPd      16 29.50   -1.6
         1.1s    56.96nm            5.6mb
                   ipP      17 15.40 199kmX
GMW      60.25  51 P        16 33.00   -0.7
KTK1     60.56 340 eP       16 34.23   -1.2
RMW      60.86  51 P        16 36.30   -1.6
PNT      61.06  48 ePc      16 39.00   -0.1
         0.6s    28.00nm            5.6mb
TRO      61.15 342 eP       16 38.00   -1.4
LON      61.25  52 P        16 40.00   -0.5
HYB      62.34 268 iPc      16 47.00   -1.1
         1.0s    50.00nm            5.6mb
                   e        17 00.00
                   e        17 26.50
VGB      62.53  52 P        16 48.70   -0.4
                   pP       17 03.50   54km
DPW      62.65  49 P        16 49.00   -0.8
                   pP       17 03.60   53km
QUE      62.91 287 eP       16 51.80   -0.2
LOF      63.55 342 eP       16 53.61   -1.7
WB2      63.83 193 eP       16 57.00   -0.7
         0.8s     4.60nm            4.6mb
WRA      63.83 193 P        16 57.20   -0.5
         0.5s     3.10nm            4.6mb
LBFM     64.27  57 P        17 01.10    0.3
MAIO     64.40 297 iPc      17 01.00   -0.5
KAF      64.61 333 iP       17 00.60   -1.8
         0.6s    57.60nm            5.8mb
MOR7     64.75 341 iP       17 01.71   -1.6
LTCM     64.79  58 P        17 04.00    0.1
SES      64.93  44 iPc      17 04.00   -0.7
         0.7s    37.00nm            5.5mb
                   pP       17 19.00   54km
POO      65.07 272 iPc      17 04.20   -1.8
NWRM     65.35  60 P        17 17.40    9.9X
OBN      65.50 324 iPc      17 07.00   -1.2
         0.9s   140.00nm            6.0mb
      Z  16s      0.70um            5.0MszX
                   e        18 13.00
                   LR       46 20.00
ORV      65.57  58 P        17 07.80   -1.1
                   pP       17 23.20   56km
NUR      66.33 333 iP       17 11.90   -1.5
         0.4s    76.90nm            6.1mb
FFC      66.39  36 iPc      17 13.70   -0.2
         0.8s    52.00nm            5.6mb
NSS      66.86 340 eP       17 15.45   -1.3
LRM      67.03  48 ePc      17 18.30   -0.2
                   e        17 33.10
CMB      67.18  59 P        17 19.30    0.0
         1.0s    39.89nm            5.4mb
DZM      67.47 160 iPc      17 22.50    1.4
ASPA     67.55 193 eP       17 22.00    0.5
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07d 00h

	0.7s	6.70nm			4.8mb
KVN	67.97	57	P	17 24.70	0.3
			pP	17 39.80	54km
HPI	68.00	50	P	17 23.70	-0.9
			pP	17 40.00	60km
RGS	68.50	340	eP	17 26.20	-0.8
BONR	68.52	58	P	17 26.80	-1.2
PTI	68.94	51	P	17 29.80	-0.5
			pP	17 46.00	59km
UPP	69.09	335	iPd	17 29.50	-1.1
	0.8s	200.00nm			6.1mb
TNP	69.11	57	P	17 30.80	-0.7
	0.8s	46.64nm			5.5mb
RMO	69.37	178	eP	17 34.00	1.3
HVU	69.41	52	P	17 33.40	0.2
			pP	17 48.40	54km
ISA	69.85	60	eP	17 35.00	-0.8
ABL	69.89	61	P	17 36.30	0.0
			pP	17 52.50	59km
NB2	69.96	339	P	17 34.90	-1.1
	0.9s	127.90nm			5.9mb
HFS	70.03	337	eP	17 35.00	-1.4
	0.4s	93.10nm			6.1mb
DUG	70.41	53	P	17 39.40	0.1
	0.8s	19.46nm			5.1mb
			pP	17 54.60	54km
SBB	70.88	60	eP	17 42.00	-0.1
MWC	71.02	61	eP	17 43.00	-0.2
HYA	71.12	341	iPd	17 42.40	-0.6
DAU	71.17	52	P	17 44.30	0.2
SUE	71.56	342	eP	17 45.90	0.3
KONO	71.57	339	iPd	17 45.70	0.0
RVR	71.61	61	eP	17 46.00	-0.4
EMUT	71.82	52	P	17 47.90	0.0
MSU	71.88	54	P	17 48.60	0.3
			pP	18 03.40	53km
ASK	71.96	341	iPd	17 48.00	0.0
BER	72.01	341	iPd	17 48.20	-0.1
PLM	72.35	61	eP	17 51.00	0.0
TPC	72.38	60	eP	17 50.00	-1.0
SRU	72.45	53	P	17 51.40	-0.2
BAR	72.90	61	eP	17 54.00	-0.1
BSD	73.80	333	iP	17 58.50	-0.3
	0.6s	55.00nm			5.7mb
GLA	73.83	60	eP	18 00.00	0.5
MUD	74.42	337	iPd	18 02.80	0.4
	0.7s	36.00nm			5.4mb
			i	18 16.10	
MSL	74.58	305	ePd	18 04.00	0.3
STK	74.86	184	eP	18 18.10	13.0X
	0.6s	1.70nm			
GOL	74.98	49	P	18 07.40	1.0
CLI	75.72	322	iPd	18 11.00	0.9
PTT	75.83	322	ePd	18 26.00	15.3X
BHD	75.93	302	ePd	18 12.00	0.6
KRA	76.10	328	iP	18 12.60	0.5
	1.0s	167.00nm			5.9mb
			i	18 26.30	
CFR	76.34	320	ePd	18 14.00	0.5
KAS	76.36	314	eP	18 14.00	0.1
VRI	76.48	321	eP	18 15.50	1.1
BRD	76.60	321	eP	18 17.50	2.4
SPC	76.67	327	iP	18 16.50	0.9
CVO	76.77	322	iPd	18 17.50	1.5
KSP	76.83	330	iPc	18 16.00	-0.2
	1.0s	77.00nm			5.7mb
			e	18 29.30	
ISR	77.12	321	eP	18 18.00	0.0
MLR	77.13	322	ePd	18 19.00	0.9
CLL	77.60	332	iPc	18 19.90	-0.5
	1.1s	140.00nm			5.9mb
			ipP	18 33.80	48km
BRG	77.65	331	iPc	18 20.00	-0.7
	1.2s	54.00nm			5.4mb
CMP	77.71	322	ePc	18 22.00	0.8
TNR	77.75	323	ePd	18 22.00	0.6
PSZ	77.82	327	iPd	18 22.10	0.3
COZ	77.98	322	iPc	18 25.00	2.1
PRU	78.17	331	iPc	18 23.50	-0.1
	1.0s	42.40nm			5.4mb
			e	18 37.50	
			e	18 43.50	
EKA	78.53	343	Pd	18 25.80	0.4
	0.8s	48.00nm			5.5mb
SRO	78.54	327	iPc	18 26.10	0.5
MOX	78.64	333	iPc	18 26.10	0.0
	1.4s	58.00nm			5.3mb

			e	18 39.80	
			e	18 46.00	
ZST	78.70	328	iPc	18 27.10	0.6
	0.9s	21.00nm			5.1mb
HOF	78.83	332	eP	18 27.30	0.1
	0.8s	48.00nm			5.5mb
VKA	78.94	329	e(P)	18 21.00	-6.9X
			i	18 28.10	
KHC	79.24	331	iPc	18 30.00	0.5
	1.1s	39.00nm			5.2mb
			e	18 43.80	
UZD	79.42	326	eP	18 30.30	-0.2
GEC2	79.43	330	Pd	18 28.50	-2.1
	0.5s	6.55nm			4.8mb
WET	79.47	331	iPc	18 31.10	0.4
	1.0s	91.00nm			5.7mb
GRF	79.58	332	iPc	18 31.60	0.3
	1.1s	114.00nm			5.7mb
	Z 22s	0.10um			4.1Msz
			epP	18 45.50	48km
			esP	18 51.80	
BNS	79.79	335	iPc	18 32.00	-0.3
	0.9s	46.00nm			5.4mb
			id	18 46.00	
DIM	79.96	320	iPc	18 34.00	0.6
BEO	80.07	324	iPc	18 34.00	0.0
PGB	80.21	321	iPd	18 36.00	1.1
KDZ	80.32	319	iPd	18 36.00	0.6
MEM	80.45	336	iPc	18 35.78	-0.1
ACO	80.55	48	e(P)	18 37.90	1.2
ALN	80.60	319	eP	18 37.48	0.6
VTS	80.62	321	iPc	18 38.00	0.8
RZN	80.63	320	iPc	18 37.00	-0.2
DMU	80.64	344	eP	18 37.30	0.5
	1.0s	116.00nm			5.8mb
BHG	80.67	330	iPc	18 37.90	0.8
	0.8s	73.00nm			5.7mb
FUR	80.87	332	iPc	18 38.40	0.2
	0.8s	50.00nm			5.5mb
PTJ	81.04	328	eP	18 38.50	-0.7
KBA	81.05	330	iPc	18 39.00	-0.3
	0.6s	29.30nm			5.4mb
			id	18 40.10	
			e	19 48.00	
SNF	81.05	337	iPc	18 39.06	0.1
HRI	81.11	308	iPc	18 40.80	1.0
DLF	81.14	344	eP	18 40.00	0.6
MMB	81.17	320	iPc	18 40.00	0.1
DCN	81.24	344	eP	18 40.40	0.4
	1.0s	93.00nm			5.7mb
WLF	81.24	335	P	18 38.00	-2.0
CSS	81.25	310	eP	18 40.80	0.4
DOU	81.33	336	P	18 40.40	-0.1
LJU	81.47	328	ePc	18 41.00	-0.3
SRS	81.60	320	iP	18 42.45	0.3
ETA	81.64	344	eP	18 42.50	0.5
VBY	81.64	328	ePc	18 41.90	-0.3
SOTA	81.70	331	iPc	18 42.60	0.0
	0.7s	33.60nm			5.4mb
			id	18 43.20	
			i	19 03.10	
VOY	81.72	329	ePc	18 41.40	-1.4
PLE	81.72	324	iPc	18 43.47	0.6
CEY	81.76	328	ePc	18 42.40	-0.5
IVA	81.88	323	iPc	18 44.14	0.5
KNT	81.89	321	eP	18 44.26	0.7
SKO	81.91	322	iPc	18 44.30	0.6
	0.8s	118.00nm			5.9mb
VAY	81.91	321	iPc	18 44.30	0.6
	1.2s	132.00nm			5.8mb
SOH	81.94	320	eP	18 43.84	-0.1
CDF	81.99	334	P	18 43.73	-0.4
OUR	82.03	319	iP	18 44.85	0.6
OGA	82.06	331	iPc	18 45.10	0.4
	1.0s	86.00nm			5.7mb
PVY	82.07	323	iPc	18 45.02	0.4
RIY	82.11	328	eP	18 43.40	-1.2
LIBD	82.12	334	P	18 44.67	0.0
ECP	82.16	344	iPc	18 45.40	0.7
	0.5s	109.00nm			6.1mb
SLE	82.16	333	ePd	18 44.90	0.0
ECH	82.20	334	P	18 45.01	-0.1
FEL	82.22	333	P	18 45.09	-0.3
THE	82.27	320	eP	18 45.36	-0.2
GRG	82.28	321	eP	18 45.96	0.3
NKY	82.31	324	iPc	18 43.47	-2.4
BRY	82.44	324	iPc	18 45.87	-0.7

ZLA	82.44	333	ePd	18 46.70	0.3
TTG	82.51	324	iPc	18 46.60	-0.2
MOF	82.53	334	P	18 46.62	-0.3
OSS	82.53	331	ePc	18 47.30	0.2
DSI	82.55	307	eP	18 48.10	0.9
VITF	82.57	335	P	18 46.88	-0.2
HAU	82.65	334	iPc	18 47.30	-0.2
	1.0s	28.00nm			5.2mb
	Z 20s	0.38um			4.8Msz
BSF	82.66	334	iPc	18 47.20	-0.4
	0.8s	16.10nm			5.1mb
BBS	82.75	333	P	18 47.98	0.0
LLS	82.77	332	ePd	18 48.70	0.4
SIO	82.79	47	eP	18 49.10	0.7
BDV	82.82	324	iPc	18 47.29	-1.1
HCY	82.82	324	iPc	18 47.27	-1.2
FNA	82.89	321	eP	18 48.92	0.0
OHR	82.89	322	iP	18 49.00	0.1
	1.1s	141.00nm			5.9mb
ULC	82.89	323	iPc	18 47.92	-0.9
LIT	82.92	320	eP	18 48.72	-0.3
LNO	82.94	46	ePd	18 49.50	0.5
TUL	82.94	46	ePd	18 49.80	0.7
	0.5s	16.10nm			5.3mb
VDL	82.94	332	ePd	18 49.80	0.6
LOMF	83.07	334	P	18 49.77	0.0
RLO	83.15	46	ePd	18 50.30	0.1
VVO	83.40	47	ePc	18 52.20	0.7
MMK	83.83	332	ePd	18 54.40	0.6
FLN	83.95	339	iPc	18 54.20	0.1
	0.7s	37.50nm			5.5mb
	Z 20s	0.22um			4.5Msz
DIX	83.99	333	ePd	18 55.30	0.6
LDF	84.01	338	iPc	18 54.50	0.1
	0.6s	26.15nm			5.4mb
LOR	84.07	335	iPc	18 54.70	0.0
	0.6s	28.20nm			5.5mb
	Z 20s	0.32um			4.7Msz
MBH	84.15	306	iPc	18 56.50	1.0
EMS	84.16	333	ePd	18 55.80	0.4
ORX	84.19	332	P	18 54.34	-1.2
LBF	84.29	335	iPc	18 55.80	-0.1
SSF	84.37	336	iPc	18 56.30	0.1
	0.6s	28.85nm			5.5mb
GRR	84.39	339	iPc	18 56.80	0.5
	0.6s	54.10nm			5.8mb
LSD	84.63	333	P	18 58.34	0.5
FIR	84.63	329	eP	18 57.00	-0.5
SMF	84.64	335	iPc	18 57.70	0.1
AVF	84.66	336	iPc	18 58.00	0.4
LPL	84.72	333	iPc	18 58.90	0.6
	0.6s	25.25nm			5.5mb
LPG	84.73	333	iPc	18 59.00	0.6
	0.6s	35.25nm			5.6mb
LPF	84.77	339	iPc	18 58.90	0.7
	0.6s	39.70nm			5.7mb
RSP	84.86	332	P	18 57.32	-1.5
PCP	84.95	331	P	18 58.34	-0.9
BGF	85.02	336	iPc	18 59.80	0.3
	0.6s	29.30nm			5.6mb
BHB	85.13	332	P	18 58.55	-1.5
ELC	85.20	41	P	19 00.90	0.4
			pP	19 15.80	51km
RRL	85.22	333	P	19 01.11	0.3
BST	85.28	341	P	19 01.51	0.8
PLDF	85.31	335	P	19 01.60	0.6
FIN	85.36	331	P	18 59.98	-1.3
ROB	85.40	332	P	19 00.49	-1.0
MAF	85.40	336	iPc	19 02.40	1.0
TCF	85.45	336	iPc	19 02.20	0.5
	0.8s	38.95nm			5.6mb
PZZ	85.48	332	P	19 00.70	-1.3
ENR	85.62	332	P	19 00.80	-1.8
STV	85.63	332	P	19 00.60	-2.1
LSF	85.68	337	iPc	19 03.40	0.6
COLF	85.69	335	P	19 03.56	0.6
PYM	85.70	335	P	19 03.60	0.6
IMI	85.73	331	P	19 02.55	-0.6
MFF	85.84	338	iPc	19 04.20	0.6
	0.6s	59.50nm			6.0mb
SBF	85.93	332	iPc	19 03.70	-0.4
	0.8s	67.15nm			5.9mb
CSI	85.97	324	P	19 04.40	0.0
ROI	86.02	324	P	19 04.90	0.3
LBL	86.09	335	P	19 05.60	0.7
BNH	86.30	26	P	19 05.70	-0.2
			pP	19 20.90	53km

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FRF     86.47 332 iPc    19 06.50  -0.2
        1.0s    36.00nm          5.5mb
PGF     86.52 330 eP     19 06.80  -0.3
        0.7s    17.65nm          5.4mb
RJF     86.55 336 iPc    19 07.80   0.7
        0.8s    51.05nm          5.8mb
      Z  20s     0.32um          4.7Msz
LRG     86.66 332 iPc    19 07.90   0.3
        0.7s    61.75nm          5.9mb
      Z  20s     0.38um          4.8Msz
CDR     86.67 333 iPc    19 07.80   0.1
LMR     86.71 332 iPc    19 08.00   0.1
        0.8s    79.25nm          6.0mb
CAF     86.73 336 iPc    19 09.20   1.2
LFF     87.11 336 iPc    19 10.60   0.8
        0.6s    40.60nm          5.8mb
LPO     87.21 336 iPc    19 11.10   0.8
        0.5s    19.70nm          5.6mb
TBR     88.34  30 P      19 15.80   0.0
                  pP     19 31.10  53km
LSPF    88.57 335 P      19 17.79   0.9
PERF    88.68 334 P      19 18.40   1.0
GRBF    88.78 335 P      19 18.34   0.4
EPF     88.97 336 iPc    19 18.70  -0.1
        0.6s    14.00nm          5.5mb
ENSF    89.17 336 P      19 21.16   1.2
AVE    100.23 338 iPdiff20 10.50   0.2
TIC    124.09 325 PKP    25 22.70  -0.4
KIC    124.23 325 PKP    25 22.80  -0.6
LIC    124.47 325 PKP    25 23.20  -0.6
ZOBO   140.13  59 PKP    25 47.00  -7.1X
                  i      25 54.20
LPB    140.33  59 PKP    25 55.00   0.8
SIV    144.07  50 iPKPc  25 58.00  -2.3X
                  i      26 18.00
NVL    144.50 204 (PKP)c25 58.50  -0.9
        1.0s    34.00nm
                  e      26 05.50
                  e      26 13.00
YJA    146.13  62 iPKP   26 06.00   1.8
PDCR   149.05  11 ePKP   26 13.30   4.9X
                  e      26 17.30
RTCB   149.76  79 iPKPd  26 15.20   6.0X
BAO    149.84  29 e(PKP)26 10.00   0.3
                  e      26 15.00
CFA    150.23  79 iPKPc  26 15.20   5.4X
RFA    151.66  85 iPKP   26 19.20   7.3X
PPD    154.17  41 ePKP   26 25.00   9.3X
      S.D. = 0.9  on 279 of 291 obs.
-----------------------------------
   FEB  07, 1992  00h 51m 24.24± 0.63s
   41.585 N ± 7.7km    5.834 W ± 7.6km
   DEPTH =  17.5 ±  8.7 km
 SPAIN                              (377)
      ML 3.1 (LDG). mbLg 3.2 (MDD).
      Felt (III) in the Muelos de
      Pon orea.

ERUA     1.27 310 iPnd   51 47.44   0.4
                  iSn    52 01.70
EPLA     1.53 187 iPnc   51 50.51  -0.3
                  iSn    52 07.80
GUD      1.58 126 iPnc   51 53.40   1.7
                  iSn    52 12.90
EMON     2.16 330 iPnc   52 01.21   1.3
                  iSn    52 24.70
TOL      2.18 141 ePg    52 03.90   3.7X
                  iSg    52 32.00
EZAM     2.21 286 iPnc   52 01.53   0.8
                  iSn    52 24.40
STS      2.40 304 iPnd   52 02.98  -0.3
ECRI     2.68  66 iPnd   52 09.85   2.5X
                  iSn    52 40.10
ETOR     2.95 104 iPnc   52 12.29   1.1
EVIA     3.90 138 iPnc   52 24.80   0.1
                  iSn    53 09.60
EVAL     4.06 190 iPnc   52 25.08  -1.8
                  iSn    53 08.80
EPF      4.80  70 Pn     52 39.20   1.7
                  Sn     53 33.80
                  Sg     53 57.00
LFF      5.85  53 Pn     52 52.60   0.4
LPO      6.00  57 Pn     52 53.40  -0.9
                  Sn     53 58.60
RJF      6.51  53 Pn     53 00.30  -1.3
                  Sn     54 12.70
CAF      6.66  57 Pn     53 05.00   1.3
                  Sn     54 15.60
MAF      7.63  50 Pn     53 15.60  -1.7
                  Sn     54 35.60
BGF      7.98  49 Pn     53 19.80  -2.4
                  Sn     54 44.60
      S.D. = 1.5  on  16 of  18 obs.
-----------------------------------
?  FEB  07, 1992  01h 33m 15.69± 4.14s
   36.936 N ±30.8km   15.850 E ±18.7km
   DEPTH =  10.0km  (geophysicist)
 SICILY                             (398)

MEU      0.76 283 P      33 30.20  -0.3
                  eSg    33 43.00
SOI      1.15   8 P      33 36.40  -0.7
                  eSn    33 54.60
ATN      1.26 346 P      33 39.40   0.3
                  eSn    33 57.90
MNO      1.35 318 P      33 41.10   0.3
                  eSn    33 58.50
GIB      1.79 306 P      33 47.10   0.1
                  eSn    34 08.50
ROI      2.69  12 P      34 00.00   0.1
CSI      2.86   7 P      34 02.80   0.6
MGR      3.21 356 P      34 06.50  -0.6
      S.D. = 0.6  on   8 of   8 obs.
-----------------------------------
•  FEB  07, 1992  02h 02m 15.49± 1.12s
   38.900 N ± 6.4km   16.344 E ±19.0km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN ITALY                     (390)

ACI      0.46 346 P      02 25.20   0.3
ROI      0.69  15 P      02 28.60  -0.6
TDS      0.76 360 P      02 30.00  -0.3
                  eSg    02 40.30
SOI      0.86 195 P      02 32.20   0.2
                  eSn    02 46.40
CSI      0.88 357 P      02 33.60   1.3
ATN      1.01 223 P      02 34.50  -0.1
                  eSn    02 50.60
MGR      1.38 334 P      02 40.00  -0.7
                  eSn    02 57.50
      S.D. = 0.8  on   7 of   7 obs.
-----------------------------------
%  FEB  07, 1992  02h 08m 39.81± 0.78s
   40.931 N ± 6.9km   22.853 E ± 6.1km
   DEPTH =  10.0km  (geophysicist)
 GREECE                             (364)
      MD 1.1 (THE).

KNT      0.23   8 iPg    08 45.02   0.2
                  eSg    08 48.20
THE      0.31 164 ePg    08 46.28   0.0
                  eSg    08 50.96
GRG      0.34 274 iPg    08 46.84  -0.1
                  eSg    08 51.80
SOH      0.40 106 iPg    08 48.14   0.2
                  iSg    08 54.74
SRS      0.59  71 iPg    08 51.37  -0.4
                  eSg    08 59.88
      S.D. = 0.3  on   5 of   5 obs.
-----------------------------------
   FEB  07, 1992  04h 20m 59.80± 0.84s
   37.588 N ± 6.2km  142.084 E ± 8.3km
   DEPTH =  42.4 ±  6.9 km
   4.2mb (  6 obs.)
 OFF EAST COAST OF HONSHU, JAPAN (229)

OFUJ     1.52 348 iPd    21 25.60   0.6
                  eS     21 43.60
YAMJ     1.72 290 P      21 27.60  -0.2
                  eS     21 47.60
KAKJ     2.06 229 iPd    21 31.60  -1.0
                  S      21 54.70
NIIJ     2.48 263 iPd    21 38.30  -0.3
CHJJ     2.92 239 iPd    21 44.00  -0.9
MAT      3.27 253 (P)    21 50.00   0.1
                  eS     22 31.00
MTMJ     3.57 255 P      21 54.70   0.5
IIDJ     3.96 239 P      22 01.00   1.3
                  eS     22 48.80
HOOJ     4.88  11 eP     22 12.70   0.2
                  eS     23 04.00
TSRJ     5.32 249 eP     22 19.80   0.9
KUSJ     5.86  19 eP     22 25.40  -1.0
                  eS     23 25.90
WKYJ     6.25 239 eP     22 31.20  -0.7
ASAJ     6.54   4 eP     22 35.80  -0.1
YONJ     7.35 254 eP     22 47.90   0.5
TKSJ     7.45 244 eP     22 48.90   0.1
GUN     47.63 276 P      29 34.40   0.2
PKI     48.16 275 P      29 37.40  -0.8
KKN     48.16 276 P      29 37.00  -1.1
        0.8s    21.00nm          5.2mb
GKN     48.57 276 P      29 41.00  -0.2
        0.9s    36.00nm          5.4mb X
WB2     57.68 189 eP     30 48.40   0.0
        0.8s     3.00nm          4.4mb
WRA     57.69 189 P      30 48.80   0.4
        0.7s     1.90nm          4.3mb
YKA     63.06  30 eP     31 25.20   0.6
        0.6s     0.30nm          3.6mb
NB2     73.88 337 P      32 31.90   0.1
        0.9s     4.20nm          4.4mb
GEC2    82.52 329 PKP    33 19.80   0.5
        0.5s     0.41nm          3.7mb
      S.D. = 0.7  on  24 of  24 obs.
-----------------------------------
   FEB  07, 1992  04h 53m 24.60± 0.52s
   21.074 S ± 5.5km   68.806 W ±10.5km
   DEPTH = 206.2 ± 19.4 km
   4.1mb (  1 obs.)
 CHILE-BOLIVIA BORDER REGION        (124)

ANT      3.01 209 iP     54 15.30   0.2
                  iS     54 47.70
YJA      3.26 110 iPc    54 17.80  -0.8
CCH      4.45  35 iPc    54 32.80  -0.3
LPB      4.57   9 Pc     54 35.60   0.9
        1.0s   400.00nm
ZOBO     4.80   8 iPc    54 39.00   1.1
ARE      5.25 331 iPc    54 42.50  -0.7
                  iS     55 44.00
SIV      8.91  57 iPc    55 28.00  -2.6X
RTCB    10.37 180 eP     55 50.20   0.7
CFA     10.50 177 ePc    55 50.80  -0.4
TCA     10.90 161 iPd    55 55.80  -0.5
NNA     11.87 318 eP     56 08.00  -0.8
        0.8s     7.46nm          4.1mb
                  eS     5B 20.50
RFA     13.65 179 eP     56 31.80   0.7
PPD     16.30  97 eP     57 09.70   5.9X
KIC     68.49  74 P      04 15.50   8.6X
YKA     90.82 341 eP     06 16.20  11.2X
        0.5s     1.70nm
WRA    133.37 211 PKP    12 31.20  12.9X
        0.7s     1.20nm
      S.D. = 0.9  on  11 of  16 obs.
-----------------------------------
   FEB  07, 1992  05h 12m 37.89± 0.32s
   39.001 S ± 3.2km  175.743 E ± 3.2km
   DEPTH =  10.0km  (geophysicist)
   3.4mb (  1 obs.)
 NORTH ISLAND, NEW ZEALAND          (159)

HATZ     0.29  68 P      12 42.60  -1.4
RUZ      0.34 248 P      12 44.50  -0.4
                  S      12 49.80
WHH      0.60  79 P      12 48.30  -1.7
PATZ     0.74  33 eP     12 52.50   0.1
TAHZ     0.79 100 P      12 53.40   0.1
WAHZ     0.84 146 P      12 53.60  -0.6
MOZ      0.89 304 P      12 54.50  -0.4
UTU      0.89  23 P      12 55.40   0.4
TAZ      0.97  38 P      12 56.70   0.4
TTH      1.00 123 P      12 58.00   1.2
BSZ      1.02 218 P      12 56.60  -0.5
PAHZ     1.03  83 eP     12 57.10  -0.3
MOH      1.10  97 eP     12 59.40   0.8
WLZ      1.16 354 P      12 58.60  -1.0
                  eS     13 15.10
TEHZ     1.29 140 P      13 02.90   1.1
URZ      1.30  56 P      13 00.70  -1.2
                  eS     13 18.20
NRZ      1.45 256 eP     13 04.70   0.6
MNG      1.63 187 P      13 07.60   0.9
                  eS     13 28.80
PGZ      1.67 166 eP     13 08.00   0.8
NOZ      1.83  79 eP     13 10.80   1.2
KIW      1.97 199 P      13 12.40   0.8
MTW      2.16 185 eP     13 13.60  -0.9
PUZ      2.18  66 eP     13 15.50   0.8
AMW      2.31 180 P      13 15.60  -0.9
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WDW      2 34 194 eP     13 16.70  -0.2
MRW      2 37 199 eP     13 17.30   0.0
HBZ      2.45  56 eP     13 18.50   0.0
ORZ      3.07 233 eP     13 28.20   0.9
WCZ      3.25 340 eP     13 30.90   1.0
KHZ      3.80 205 eP     13 36.00  -1.7
LTZ      4.61 214 eP     13 47.80  -1.4
WRA     40.33 286 P      20 19.00   1.8
        0.6s     0.50nm          3.4mb
      S.D. = 1.0  on  32 of  32 obs.
-----------------------------------------
&  FEB  07, 1992  05h 37m 59.07s
   67.670 N          147.014 W
   DEPTH =   0.0km
   3.7mb (  1 obs.)
 NORTHERN ALASKA                    (676)
      <AEIC>. ML 4.2 (AEIC), 4.2
      (PMR).

FYU      1.31 147 eP     38 25.31   1.1
                  iS     38 43.01
PRP      2.24 164 eP     38 37.02  -1.1
                  eS     39 07.46
GLM      2.70 183 eP     38 42.94  -1.6
                  eS     39 18.62
MDM      2.77 191 eP     38 42.83  -2.7
                  S      39 20.44
FBA      2.80 187 e(P)   38 44.89  -1.1
MLY      3.05 211 eP     38 48.22  -1.3
                  eS     39 28.72
CCB      3.05 186 eP     38 47.65  -1.9
                  eS     39 29.78
IMA      3.08 242 P      38 46.56  -3.5
                  S      39 29.95
NEA      3.22 196 eP     38 48.48  -3.4
HDA      3.28 180 eP     38 51.31  -1.4
BWN      3.65 197 eP     38 54.64  -3.4
DJE      3.70 171 eP     38 58.00  -0.7
DDM      3.93 173 eP     39 00.38  -1.7
MCK      4.03 192 eP     39 00.54  -2.9
DOT      4.22 162 eP     39 05.64  -0.4
RND      4.35 191 eP     39 05.10  -2.9
KTH      4.44 203 eP     39 05.90  -3.4
TRF      4.45 199 eP     39 06.22  -3.3
TMW      4.67 157 eP     39 10.95  -1.6
PAX      4.76 171 eP     39 12.16  -1.8
HUR      4.84 194 eP     39 12.52  -2.4
BRW      5.00 321 P      39 15.20  -1.9
INK      5.12  77 P      39 19.00   0.2
        0.5s     4.80nm          4.4mb X
SDG      5.20 172 eP     39 19.29  -0.8
CUT      5.46 196 eP     39 22.25  -1.5
TOA      5.60 176 eP     39 27.30   1.6
SML      5.91 186 eP     39 29.33  -0.8
GHO      5.98 189 eP     39 29.81  -1.2
SKT      6.03 201 eP     39 28.25  -3.4
TTA      6.07 223 P      39 26.21  -6.1
                  S      41 02.16
PMR      6.17 189 P      39 30.07  -3.6
                  S      41 01.83
PLRM     6.17 189 eP     39 30.46  -3.2
KLU      6.22 175 eP     39 34.31  -0.2
KLU      6.22 175 P      39 30.98  -3.5
                  S      41 07.46
KNK      6.31 186 eP     39 34.63  -1.1
PMS      6.54 191 eP     39 36.90  -2.1
BALM     6.96 161 P      39 41.55  -3.3
YKA     14.48  95 eP     41 25.50  -1.5
        0.7s     1.20nm          3.7mb
        38 abs. associated
-----------------------------------------
?  FEB  07, 1992  05h 54m 38.30± 4.42s
   60.352 N ±16.8km     4.163 E ±28.3km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN NORWAY                    (535)
      MD 2.1 (BER).

ASK      0.53  75 eP     54 48.88  -0.1
                  eS     54 53.46
EGD      0.54  98 eP     54 49.57   0.5
                  eS     54 54.97
SUE      0.77  22 eP     54 53.43   0.2
                  eS     55 01.34
HYA      1.29  50 eP     55 01.84  -0.3
                  eS     55 16.39
ODD1     1.31 109 eP     55 02.27  -0.3
                  eS     55 18.46
      S.D. = 0.5  on   5 of   5 obs.
-----------------------------------------
   FEB  07, 1992  05h 59m 45.28± 0.38s
   59.047 S ±10.3km   25.919 W ± 6.5km
   DEPTH =  33.0km  (normal)
   5.2mb (  9 obs.)
 SOUTH SANDWICH ISLANDS REGION    (153)

AIA     18.71 235 eP     04 05.00   2.2
NVL     19.42 142 iPc+   04 11.50   0.3
        2.0s     0.30nm          2.2mb X
                  e      04 15.00
                  e      04 19.50
                  ePPP   04 39.00
                  e      04 52.50
                  eS     07 50.00
SPA     31.12 180 iPd    06 03.50   0.8
        1.0s    30.00nm          5.1mb
CACH    38.48 290 ePd    07 03.00  -2.8
MDZ     38.65 293 e(P)   07 06.90  -0.2
CHCH    38.65 290 eP     07 07.00  -0.2
PCH     38.84 291 eP     07 08.00  -0.8
LNV     39.00 290 eP     07 09.30  -0.7
SAN     39.05 291 ePc    07 11.00   0.6
PEL     39.31 291 iP     07 13.00   0.3
CER     39.35  70 iPd    07 12.50  -0.4
        1.2s    88.00nm          5.4mb
CFA     39.42 295 iPc    07 13.40  -0.1
RTCB    39.78 295 iPc    07 17.20   0.6
RTBS    39.94 294 iPd    07 20.20   2.4
PPD     41.19 323 eP     07 28.10   0.0
FRS     45.25  73 iPc    07 57.70  -3.3X
        0.7s    30.82nm          5.3mb
KIM     45.80  71 iPd    08 06.50   0.9
BAO     46.31 330 e(P)   08 05.00  -4.6X
WIN     47.47  59 iPd    08 21.00   2.1
        1.3s    38.46nm          5.3mb
PRY     48.64  73 iPd    08 28.50   0.6
        1.0s    25.00nm          5.2mb
SLR     50.03  73 iPc    08 38.40  -0.1
        1.0s    20.00nm          5.1mb
CCH     50.87 307 eP     08 47.00   1.8
LPB     52.45 306 P      08 56.00  -1.3
ZOBO    52.68 306 P      08 58.20  -1.0
        0.9s    15.57nm          5.0mb
                  eLR    25 44.00
ARE     53.97 302 eP     09 08.00  -0.3
BUL     54.91  69 iPd    09 14.70  -0.4
KRI     58.23  68 iPc    09 28.90  -9.8X
                  i      09 51.50
LIC     67.18  23 P      10 38.22   0.3
KIC     67.37  23 P      10 39.34   0.2
TIC     67.59  23 P      10 40.66   0.2
BCAO    72.41  47 iPc    11 10.50   0.6
        0.3s    23.00nm          5.7mb
                  i      11 33.50
STK     88.82 169 iPc    12 47.90  11.0X
        0.7s     2.70nm
                  i      13 10.90
ASPA    95.92 161 eP     13 07.40  -2.5
        0.7s     5.70nm          5.1mb
WRA     99.64 161 P      13 49.20  22.5X
        1.1s     1.00nm
HFS    122.81  22 ePKP   18 35.10  -2.7X
        1.3s    17.60nm
DMN    124.00  92 PKP    18 40.60  -0.9
GKN    124.08  92 PKP    18 40.60  -0.9
PKI    124.13  93 PKP    18 40.60  -1.3
KKN    124.24  92 PKP    18 40.60  -1.3
GUN    124.64  93 PKP    18 42.00  -0.8
SSE    144.32 127 PKP    19 13.00  -5.8X
MBC    146.99 334 ePKP   19 25.00   3.0X
        1.0s     4.00nm
                  pP     19 47.00
INK    148.52 317 ePKP   19 26.50   1.9
BJI    149.50 112 ePKP   19 31.00   4.0X
        1.5s    20.00nm
TOA    151.40 302 ePKP   19 35.40   6.1X
FBA    152.96 307 ePKP   19 38.10   6.8X
BRW    156.82 322 ePKP   20 00.00  23.6X
      S.D. = 1.2  on  35 of  47 obs.
-----------------------------------------
*  FEB  07, 1992  06h 20m 16.45± 0.89s
   53.314 N ±16.6km  165.772 W ±10.9km
   DEPTH =  33.0km  (normal)
   4.1mb (  4 obs.)
 FOX ISLANDS, ALEUTIAN ISLANDS    (  9)

SDN      3.70  55 eP     21 13.16   0.6
ADK      6.80 262 eP     21 56.03  -0.4
KDC      8.74  54 (P)    22 21.92  -1.5
PDB      9.10  40 eP     22 28.41   0.0
SVW      9.55  31 eP     22 35.37   0.7
                  eS     25 19.70
RSO     10.09  40 eP     22 41.69  -0.5
TTA     10.92  24 eP     22 53.60   0.2
        0.9s     6.53nm          4.8mb X
SLKM    11.12  43 eP     22 53.36  -2.8X
KLU     13.43  45 eP     23 22.72  -4.3X
IMA     14.13  20 eP     23 36.86   0.6
        0.9s     6.13nm          4.3mb
BALM    14.80  49 eP     23 41.94  -3.1X
INK     21.36  33 ePc    24 58.20  -4.3X
YKA     27.97  50 eP     26 09.20   3.7X
        0.5s     1.60nm          4.0mb
GUN     78.15 301 P      32 14.60   0.4
        0.5s     8.00nm          5.0mb
KKN     78.56 301 P      32 16.00  -0.3
PKI     78.67 301 P      32 16.40  -0.6
GKN     78.71 302 P      32 16.80  -0.3
DMN     78.79 301 P      32 17.40  -0.2
WRA     89.32 234 P      33 11.80   1.3
        0.8s     0.20nm          3.5mb
      S.D. = 0.8  on  14 of  19 obs.
-----------------------------------------
   FEB  07, 1992  06h 35m 25.99± 0.13s
   52.912 N ± 3.0km  159.532 E ± 2.5km
   DEPTH =  48.1km  ( 12 depth phases)
   5.4mb ( 80 obs.)  4.4Msz (  8 obs.)
 OFF EAST COAST OF KAMCHATKA        (219)
      Felt (III) ot Petropovlovsk-
      Kamchotskiy.
      CENTROID, MOMENT TENSOR      (HRV)
      Dota Used: GDSN
      L.P.B.: 25S, 41C
      Centroid Location:
      Origin Time        06:35:32.7 0.6
      Lat 52.84N 0.07 Lon 159.91E 0.09
      Dep  59.4 5.4 Half-duration  1.3
      Moment Tensor;   Scale 10**16 Nm
        Mrr= 4.70 0.32  Mtt=-1.01 0.54
        Mff=-3.69 0.40  Mrt= 1.56 0.54
        Mrf= 1.73 0.61  Mtf=-3.42 0.50
       Principal Axes:
        T  Val=  5.20  Plg=78  Azm=326
        N        1.30       4       215
        P       -6.50      12       124
      Best Double Couple:Mo=5.8*10**16
       NP1:Strike=209 Dip=34 Slip=  82
       NP2:        38      57        95

SMY      8.83  85 P      37 32.37  -1.4
                  S      38 59.77
KUSJ    13.93 231 eP     38 37.90  -4.4X
                  eS     41 05.80
ASAJ    14.21 238 eP     38 48.40   2.4
HOOJ    15.15 232 eP     38 56.10  -2.2
MRRJ    16.22 237 eP     39 11.40  -0.5
YAK     18.28 312 iPc+   39 36.80  -0.6
        1.0s    70.00nm          4.8mb
                  ipP    39 58.00
                  iPP    40 04.00
                  iPPP   40 10.00
                  eS     43 04.00
                  iSS    43 39.00
                  ePcP   43 53.00
                  eSSS   43 58.00
                  e      47 40.00
OFUJ    18.51 229 P      39 40.10  -0.2
YAMJ    19.99 230 P      39 57.30   0.3
NIIJ    21.23 231 eP     40 09.30  -0.4
ANM     21.30  43 eP     40 11.70   1.5
KAKJ    21.55 227 eP     40 12.90   0.0
MAT     22.17 231 eP     40 19.00  -0.1
        1.0s   198.00nm          5.5mb
                  eS     44 17.00
CHJJ    22.21 229 eP     40 20.70   1.2
MTMJ    22.32 232 P      40 22.10   1.4
IIDJ    23.17 230 eP     40 31.80   2.8
TSRJ    24.04 233 eP     40 38.20   0.9
TTA     25.13  49 ePc    40 48.60   1.0
        0.8s    88.90nm          5.4mb
SVW     25.29  53 ePc    40 50.60   1.4
WKYJ    25.29 232 eP     40 50.40   1.0
YONJ    25.57 237 eP     40 52.50   0.6
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PDB	26.08	56	P	40 56.10	-0.3
TKSJ	26.23	234	eP	40 58.10	0.1
IMA	26.40	42	ePc	40 59.70	0.2
	0.9s	52.60nm			5.1mb
BRW	26.57	30	ePc	41 01.00	0.3
KDC	27.24	60	eP	41 06.10	-0.9
SHNJ	27.60	238	eP	41 13.10	2.6
RND	28.38	48	P	41 15.80	-1.5
PMR	28.38	52	eP	41 17.00	-0.3
FBA	28.79	45	iPc	41 21.50	0.5
	0.9s	45.40nm			5.1mb
KUMJ	29.00	237	eP	41 23.60	0.5
TOA	29.72	50	ePc	41 30.00	0.6
KLU	29.92	52	P	41 30.70	-0.5
BALM	31.70	52	P	41 46.30	-0.6
INK	34.22	37	iPc	42 08.80	0.3
	0.7s	109.00nm			5.9mb
SSE	35.27	247	P	42 18.00	0.1
	0.9s	33.00nm			5.3mb
	Z 20s	0.50um			4.3Msz
	N 14s	0.30um			
		PcP	44 46.50		
		S	47 48.00		
MBC	37.34	23	ePc	42 35.10	0.3
	0.5s	7.00nm			4.8mb
LZH	42.00	269	iPc	43 13.50	-0.6
	1.2s	69.00nm			5.3mb
	Z 18s	0.49um			4.4Msz
		sP	43 35.00		
		PcP	45 08.50		
		PcS	49 25.00		
		i	53 04.00		
YKA	43.53	42	eP	43 26.50	0.5
	0.6s	39.30nm			5.3mb
GMW	47.71	63	P	44 00.20	0.7
		pP	44 12.90	47km	
BMW	48.12	65	P	44 02.90	0.2
PNT	48.34	60	eP	44 04.00	-0.3
	0.8s	25.00nm			5.3mb
DPW	49.97	61	P	44 16.70	-0.2
		pP	44 28.80	43km	
VGB	50.06	64	P	44 17.90	0.3
KMI	50.46	260	eP	44 19.00	-2.1
	1.5s	50.00nm			5.3mb
		pP	44 31.50	45km	
DAG	50.59	359	iPd	44 20.00	-1.1
	1.3s	65.38nm			5.5mb
		ipP	45 37.40	378kmX	
SES	52.03	54	ePc	44 32.00	-0.5
		pP	44 45.00	47km	
LBFM	52.12	69	P	44 33.10	-0.4
		pP	44 47.30	53km	
FFC	53.39	46	ePc	44 41.60	-0.9
	0.8s	37.00nm			5.5mb
ORV	53.54	71	P	44 43.60	-0.1
		pP	44 56.50	46km	
LRM	54.30	59	eP	44 49.20	-0.5
ARN	55.02	73	P	44 54.70	0.0
CMB	55.21	71	P	44 56.50	0.4
	0.9s	13.39nm			5.0mb
		pP	45 09.90	48km	
HPI	55.38	62	P	44 57.60	0.0
KVN	55.81	69	P	45 00.50	-0.1
		pP	45 14.50	51km	
PTI	56.34	62	P	45 05.20	0.8
BONR	56.45	70	P	45 05.70	0.3
SHL	56.66	269	iP	45 04.50	-2.3
HVU	56.88	63	P	45 08.80	0.6
		pP	45 21.70	46km	
TNP	56.98	69	P	45 09.20	0.2
	0.7s	21.53nm			5.3mb
LOE	57.00	254	eP	45 07.60	-1.4
CHG	57.53	258	ePc	45 12.50	-0.3
	0.9s	16.81nm			5.1mb
CHTO	57.53	258	iPc	45 11.90	-0.9
	0.7s	12.39nm			5.1mb
ISA	57.96	72	eP	45 14.00	-1.7
DUG	57.96	65	P	45 16.20	0.4
	0.8s	9.48nm			5.0mb
GUN	58.58	276	P	45 18.60	-1.8
DAU	58.65	63	P	45 21.30	0.5
BDT	58.72	257	eP	45 21.00	-0.1
SBB	59.02	72	eP	45 23.00	-0.1
KKN	59.02	276	P	45 21.60	-1.8
PKI	59.11	276	P	45 22.20	-1.9
MWC	59.22	73	eP	45 24.00	-0.6
GKN	59.26	277	P	45 23.20	-1.7

DMN	59.26	276	P	45 23.40	-1.7
NST	59.30	255	eP	45 29.50	4.5X
EMUT	59.32	64	P	45 25.80	0.5
			pP	45 38.90	47km
MSU	59.50	66	P	45 27.10	0.5
KAF	59.52	337	iP	45 24.20	-1.9
	0.6s	11.40nm			5.2mb
RVR	59.78	73	eP	45 28.00	-0.3
SRU	59.97	64	P	45 29.60	-0.2
TPC	60.46	72	eP	45 33.00	0.0
PLM	60.53	73	eP	45 33.00	-0.7
NUR	61.31	336	iP	45 36.60	-1.7
	0.7s	19.00nm			5.3mb
GLA	61.93	72	eP	45 43.00	0.1
OBN	62.49	327	iPd	45 44.80	-1.4
	0.8s	18.00nm			5.3mb
	Z 20s	0.70um			4.8Msz
	N 26s	0.50um			
			ePcP	46 08.00	
UPP	63.48	340	iP	45 51.50	-1.2
NB2	63.62	343	P	45 52.00	-1.7
	0.6s	10.40nm			5.1mb
HFS	64.02	342	eP	45 54.50	-1.8
	0.4s	11.70nm			5.3mb
	Z 18s	0.21um			4.4Msz
			LR	11 35.00	
SNG	65.86	249	eP	46 09.50	0.9
MAIO	67.43	301	eP	46 19.00	0.4
IPM	67.76	247	ePd	46 21.00	0.3
	1.0s	47.80nm			5.5mb
BSD	68.44	339	iP	46 24.40	0.0
	0.5s	24.00nm			5.4mb
MTN	69.89	210	eP	46 33.00	-0.7
SIO	69.98	57	eP	46 33.60	-0.6
LNO	70.12	57	ePd	46 34.40	-0.5
			e	46 49.10	
TUL	70.12	57	iPd	46 34.70	-0.3
	0.6s	18.90nm			5.2mb
			e	46 49.60	
RLO	70.31	56	ePd	46 35.30	-0.9
VVO	70.59	57	ePd	46 37.90	0.0
HYB	70.89	274	ePd	46 38.50	-1.5
	0.6s	33.30nm			5.5mb
FVM	71.11	52	P	46 39.80	-1.2
	0.9s	43.90nm			5.4mb
			pP	46 54.50	52km
EKA	71.18	350	Pd	46 40.90	-0.2
	0.6s	29.30nm			5.4mb
KRA	71.87	334	eP	46 45.20	-0.1
	1.2s	66.00nm			5.4mb
KSP	72.08	336	iPc	46 45.80	-0.7
	1.0s	47.00nm			5.4mb
			e	47 00.00	
ELC	72.24	51	P	46 45.80	-1.9
CLL	72.40	339	iPc	46 47.80	-0.6
	1.2s	140.00nm			5.8mb
			i	47 09.10	
SPC	72.58	333	eP	46 50.40	0.6
	1.2s	69.70nm			5.5mb
BRG	72.60	338	iPc	46 49.00	-0.6
	1.2s	42.00nm			5.3mb
			i	46 58.60	
			i	47 18.00	
LST	72.62	52	P	46 49.70	-0.2
			pP	47 04.30	52km
CLI	72.85	328	ePc	46 50.00	-1.2
POO	72.86	278	iPd	46 49.50	-2.2
	1.2s	54.69nm			5.4mb
DMU	72.96	352	eP	46 52.60	0.9
	0.9s	202.00nm			6.1mb
WTS	72.99	343	iPc	46 52.00	0.2
	0.8s	85.00nm			5.7mb
PRU	73.29	337	iPc	46 53.50	-0.1
	1.0s	33.10nm			5.2mb
			e	47 01.90	
			e	47 13.10	
MOX	73.33	339	iPc	46 53.80	-0.1
	1.1s	76.00nm			5.5mb
DLF	73.53	351	eP	46 56.20	1.3
DCN	73.54	352	eP	46 56.10	1.0
	0.8s	150.00nm			6.0mb
BNH	73.55	35	P	46 53.80	-1.5
HOF	73.58	339	eP	46 55.30	-0.1
	0.8s	40.00nm			5.4mb
KLI	73.62	238	eP	46 55.00	-1.0
VRI	73.64	328	eP	46 52.00	-3.7X
CFR	73.77	326	eP	46 49.00	-7.5X

CVO	73.86	328	iPc	46 57.00	-0.1
ETA	74.09	351	eP	46 58.30	0.1
MLR	74.22	328	eP	46 59.50	0.2
GRF	74.31	339	iPc	47 00.20	0.6
	1.0s	143.00nm			5.9mb
	Z 28s	0.30um			4.4MszX
KHC	74.31	338	P	47 00.00	0.3
	1.0s	45.00nm			5.4mb
ZST	74.32	335	iP	47 00.50	0.8
	1.0s	38.40nm			5.3mb
ISR	74.34	327	ePd	47 00.00	0.1
SRO	74.36	334	iP	47 00.90	1.0
TNS	74.37	341	eP	47 03.00	3.0X
VKA	74.46	335	iPc	47 01.40	0.9
WET	74.46	338	iPc	47 00.80	0.3
	1.0s	123.00nm			5.8mb
MEM	74.46	343	iPc	47 00.53	0.1
BUD	74.47	333	e(P)	47 01.00	0.5
GEC2	74.55	337	ePd	46 58.70	-2.4
	0.8s	25.43nm			5.2mb
ECP	74.62	351	iPd	47 01.40	0.1
PWLA	74.66	52	P	47 01.20	-0.6
MTUR	74.74	328	eP	47 05.00	2.7
SNF	74.85	344	iPc	47 02.60	-0.1
DZM	74.91	173	iPd	47 04.90	1.6
VAL	75.17	353	iP	47 04.30	-0.1
DOU	75.20	344	P	47 04.90	0.2
	1.0s	144.40nm			5.9mb
WLF	75.34	342	P	47 06.00	0.5
FUR	75.74	339	iPc	47 08.00	0.1
	1.0s	64.00nm			5.5mb
WB2	75.77	204	iPc	47 07.20	-1.0
	0.9s	22.50nm			5.1mb
			i	47 25.30	
WRA	75.77	204	P	47 08.10	-0.2
	0.5s	10.00nm			5.0mb
BHG	75.80	337	iPc	47 08.50	0.3
	0.8s	36.00nm			5.4mb
KBA	76.29	337	iPc	47 11.90	0.7
	0.8s	220.00nm			6.2mb
			i	47 22.80	
CDF	76.33	341	P	47 11.32	0.0
BEO	76.51	331	iPc	47 12.00	-0.1
LIBD	76.52	341	P	47 12.34	0.2
ECH	76.54	341	P	47 12.34	0.0
SOTA	76.65	338	iPc	47 13.50	0.4
	0.9s	105.00nm			5.8mb
			i	47 21.90	
FEL	76.70	341	P	47 13.10	-0.3
SLE	76.71	340	ePc	47 13.10	-0.2
PTJ	76.75	335	iPc	47 13.50	-0.1
VITF	76.76	342	P	47 13.79	0.2
FVI	76.88	337	P	47 13.90	-0.3
MOF	76.90	341	P	47 14.04	-0.4
HAU	76.90	342	iPc	47 14.40	0.0
	0.8s	67.15nm			5.7mb
BSF	76.98	342	P	47 14.72	-0.2
ZLA	77.00	340	ePc	47 15.30	0.3
OGA	77.02	338	iPc	47 16.00	0.7
	0.8s	73.00nm			5.8mb
VOY	77.14	336	e(P)	47 14.80	-1.0
BBS	77.20	341	P	47 16.16	0.2
FLN	77.29	347	iPc	47 16.20	-0.2
	0.8s	61.80nm			5.7mb
	Z 20s	0.17um			4.4Msz
VBY	77.29	335	eP	47 15.00	-1.5
			i	47 16.50	
			ePcP	47 26.60	
			i	47 31.00	
OSS	77.39	339	ePc	47 17.90	0.6
LDF	77.40	346	iPc	47 16.80	-0.3
	1.0s	52.00nm			5.5mb
LOMF	77.44	341	P	47 17.52	0.1
LLS	77.46	340	ePc	47 18.40	0.7
TRI	77.48	336	P	47 16.90	-0.6
VVI	77.54	337	P	47 17.60	-0.3
CTI	77.66	338	P	47 18.20	-0.4
RIY	77.66	336	iPc	47 17.70	-0.8
GRR	77.71	347	iPc	47 19.00	0.3
	1.0s	130.00nm			5.9mb
VDL	77.72	339	ePc	47 19.90	0.8
PRM	78.05	48	P	47 20.40	-0.4
LOR	78.06	343	iPc	47 20.80	0.1
	0.8s	62.95nm			5.7mb
	Z 20s	0.25um			4.5Msz
LPF	78.08	347	iPc	47 21.20	0.4
	0.7s	50.70nm			5.7mb

07d 06h

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PLE     78.18 331 iPc    47 21.80    0.3
IMA     78.21 340 ePc    47 22.00    0.2
LBF     78.32 343 iPc    47 22.00   -0.2
        1.0s     38.00nm          5.4mb
SSF     78.32 344 iPc    47 22.30    0.1
MDI     78.35 339 P      47 21.90   -0.3
LHS     78.41  47 P      47 21.10   -1.7
IVA     78.45 331 iPc    47 22.95   -0.1
MMK     78.45 340 ePc    47 24.00    0.8
VAI     78.46 340 P      47 23.20    0.3
DIX     78.54 341 ePc    47 24.70    1.0
AVF     78.61 344 iPc    47 24.10    0.4
EMS     78.65 341 ePc    47 24.70    0.5
SMF     78.67 343 iPc    47 24.40    0.3
PVY     78.68 331 iPc    47 23.74   -0.6
NKY     78.77 332 iPc    47 23.77   -1.0
SKO     78.81 329 eP     47 24.70   -0.2
BRY     78.82 332 iPc    47 23.99   -1.1
ORX     78.85 340 P      47 25.32    0.1
ORO     78.86 340 P      47 25.60    0.3
BGF     78.92 344 iPc    47 25.80    0.3
        0.9s     44.20nm          5.4mb
TTG     79.04 331 iPc    47 25.40   -0.7
VAY     79.05 328 iPc    47 26.00   -0.2
        1.0s    123.00nm          5.8mb
HVAR    79.14 333 iPc    47 25.80   -0.9
LSD     79.19 341 P      47 28.19    1.0
LPL     79.22 341 iPc    47 28.40    1.1
LPG     79.23 341 iPc    47 28.60    1.1
        0.7s    120.60nm          5.9mb
HCY     79.25 332 iPc    47 25.85   -1.4
TCF     79.29 344 iPc    47 27.90    0.4
MAF     79.30 344 iPc    47 28.20    0.7
BDV     79.30 331 iPc    47 26.30   -1.3
MFF     79.35 346 iPc    47 28.50    0.7
        0.8s     51.05nm          5.5mb
PLDF    79.36 343 P      47 28.61    0.7
AGO     79.37 344 P      47 28.92    1.0
BOB     79.37 339 P      47 28.70    0.7
LSF     79.44 345 iPc    47 28.60    0.3
ASPA    79.45 204 iPd    47 28.50    0.0
        0.7s     20.90nm          5.2mb
RSP     79.46 340 P      47 28.29   -0.2
ULC     79.48 331 iPc    47 27.65   -0.9
SFI     79.62 337 P      47 30.40    1.2
RMQ     79.62 190 eP     47 30.00    0.7
                  i      47 47.40
MME     79.63 338 P      47 30.80    1.2
BNI     79.67 341 P      47 31.10    1.4
PYM     79.68 344 P      47 30.48    0.8
PGD     79.69 337 P      47 31.00    1.1
ARV     79.75 336 P      47 30.40    0.4
BHB     79.76 340 P      47 28.90   -1.1
PCP     79.78 339 P      47 29.83   -0.3
BDI     79.78 338 P      47 30.00   -0.2
RRL     79.78 341 P      47 31.36    1.0
COLF    79.78 343 P      47 30.98    0.8
OHR     79.79 330 iPc    47 29.60   -0.7
        1.0s    128.00nm          5.8mb
SSB     79.86 342 P      47 31.17    0.6
CRE     79.87 337 P      47 31.20    0.5
CKI     79.94 340 P      47 30.80   -0.2
DOI     80.08 340 P      47 30.80   -1.0
PZZ     80.11 340 P      47 31.16   -0.9
LBL     80.14 343 P      47 33.04    0.9
ROB     80.15 340 P      47 31.78   -0.4
FIN     80.16 339 P      47 31.47   -0.7
ASS     80.22 336 P      47 32.80    0.2
OLP     80.27 194 iPd    47 33.30    0.5
ENR     80.31 340 P      47 31.47   -1.6
STV     80.32 340 P      47 31.57   -1.5
RJF     80.36 344 iPc    47 33.90    0.7
        0.8s     32.25nm          5.3mb
      Z  20s      0.25um          4.6Msz
IMI     80.52 340 P      47 34.03   -0.1
CAF     80.64 344 iPc    47 36.00    1.3
SBF     80.66 340 iPc    47 35.20    0.3
        1.0s     84.00nm          5.6mb
AQU     80.71 335 P      47 35.80    0.6
LFF     80.84 345 iPc    47 36.90    1.2
        1.0s     84.00nm          5.6mb
LPO     81.02 345 iPc    47 37.80    1.1
        0.9s    101.55nm          5.8mb
AZI     81.05 335 P      47 37.50    0.7
BRT     81.07 332 P      47 37.00    0.0
FRF     81.11 340 iPc    47 37.40    0.2
        0.8s     37.60nm          5.4mb
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CDR     81.18 341 ePc    47 38.40    0.9
MAO     81.21 337 P      47 38 10    0.4
SDI     81.22 335 P      47 37.60   -0.2
HRI     81.24 315 eP     47 37.90   -0.2
LRG     81.27 341 iPc    47 38.80    0.8
        0.8s     69.85nm          5.7mb
      Z  20s      0.15um          4.3Msz
LCI     81.36 331 P      47 38.30   -0.1
LMR     81.36 340 iPc    47 39.00    0.6
        0.8s     48.35nm          5.5mb
RMP     81.40 336 P      47 39.00    0.3
RDP     81.45 336 P      47 39.30    0.3
PGF     81.58 338 iPc    47 39.90    0.2
        0.7s     30.85nm          5.4mb
SGO     81.89 333 P      47 41.10   -0.1
MGR     82.22 333 P      47 42.90   -0.1
CSI     82.35 332 P      47 43.80    0.1
TDS     82.44 332 P      47 44.60    0.5
ROI     82.46 332 P      47 45.20    0.9
LSPF    82.59 344 P      47 46.19    1.3
LESF    82.61 344 P      47 46.46    1.4
GRBF    82.75 344 P      47 46.87    1.0
EPF     82.77 345 iPc    47 46.50    0.6
        1.0s     58.00nm          5.6mb
CZI     82.91 332 P      47 45.80   -0.7
ENSF    82.99 345 P      47 48.91    1.8
TRGS    83.01 343 P      47 46.19   -1.1
ETER    83.05 343 iPd    47 48.65    1.4
YTIR    83.16 315 iPc    47 47.90   -0.2
EMON    83.37 350 iPc    47 49.48    0.6
ECRI    83.60 347 iPd    47 51.70    1.5
EGRA    83.69 345 iPc    47 51.64    1.2
WARB    83.81 209 eP     47 51.80    0.6
        0.6s     28.00nm          5.5mb
STS     84.03 351 iPd    47 53.11    0.9
ATN     84.09 332 P      47 50.90   -1.7
SAGI    84.33 314 iPc    47 53.80   -0.2
ERUA    84.38 350 iPd    47 55.34    1.3
MNO     84.51 333 P      47 54.80   -0.2
EZAM    84.77 351 eP     47 57.15    1.2
CMS     84.89 192 eP     47 57.00    0.6
        0.8s      9.00nm          4.9mb
MEU     85.22 332 P      47 58.50    0.1
ETOR    85.29 346 eP     47 59.37    0.6
GUD     85.76 348 iPc    48 01.01   -0.1
STK     85.87 195 eP     48 13.00   11.7X
        0.6s      2.30nm
TOL     86.49 347 iPd    48 05.00    0.4
        1.1s     50.63nm          5.7mb
EPLA    86.56 349 iPd    48 05.52    0.6
EVIA    87.50 346 iPc    48 09.72    0.1
EBAN    88.15 347 eP     48 12.62    0.0
EHUE    88.32 346 eP     48 13.84    0.3
ENIJ    89.09 345 iPd    48 16.09   -1.0
EGUA    89.42 347 iPd    48 18.03   -0.7
EJIF    90.05 348 iPd    48 22.21    0.6
BCAO   114.09 317 ePKPd  54 01.20   -0.4
        0.8s      7.00nm
TIC    119.24 342 PKPd   54 11.16   -0.2
KIC    119.46 342 PKP    54 11.58   -0.2
        0.7s     17.50nm
LIC    119.65 342 PKPd   54 11.96   -0.2
KRI    126.95 293 iPKPd  54 16.20  -10.1X
ZOBO   127.84  64 PKP    54 27.90   -0.7
        1.0s      5.00nm
LP8    128.06  64 PKP    54 28.40   -0.4
CCH    129.82  63 PKP    54 32.40    0.5
BUL    130.17 292 iPKPc  54 31.60   -0.7
        0.8s      7.09nm
SIV    131.31  56 PKP    54 35.00    0.6
PRY    136.11 287 e(PKP)54 42.00   -1.5
        1.0s     15.00nm
CER    145.61 289 iPKPc  55 00.90    0.9
        1.0s     92.00nm
      S.D. = 0.9  on 304 of 311 obs.
-----------------------------------
    FEB  07, 1992  07h 42m 51.68± 0.77s
    31.877 S ± 8.3km   70.543 W ± 9.7km
    DEPTH = 110.0km  (geophysicist)
  CHILE-ARGENTINA BORDER REGION   (127)
      MD 4.0 (SAN).

JACH     0.80 183 iPd    43 11.60    0.3
                  iS     43 26.00
RTBS     0.95  77 iPd    43 13.00    0.4
ROCH     1.16 200 eP     43 15.00   -0.2
                  iS     43 32.10
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PEL      1.27 185 iPc    43 16.10   -0.1
                  iS     43 34.00
RTCB     1.54  76 iPd    43 19.20   -0.2
                  S      43 40.00
ZON      1.62  79 ePd    43 20.50    0.1
                  iS     43 31.50
PCH      1.74 179 iP     43 22.30    0.4
                  iS     43 45.00
MDZ      1.75 125 iP     43 22.50    0.5
                  iS     43 44.50
LCCH     1.81 208 iPc    43 22.60   -0.1
RTLL     1.85  73 iPc    43 22.40   -0.9
                  S      43 46.50
RTRS     1.94  29 iPd    43 25.00    0.7
                  S      43 51.00
CFA      1.98  83 iPd    43 24.50   -0.5
CHCH     2.05 183 iPc    43 25.60   -0.3
                  iS     43 51.00
LNV      2.20 199 ePd    43 26.60   -1.1
                  eS     43 53.00
CACH     2.23 181 eP     43 29.40    1.1
                  eS     43 57.00
      S.D. = 0.6  on  15 of  15 obs.
-----------------------------------
    FEB  07, 1992  08h 07m 13.25± 0.36s
    44.753 N ± 2.9km     7.231 E ± 4.5km
    DEPTH =  10.0km  (geophysicist)
  NORTHERN ITALY                    (545)
      ML 2.4 (GEN).

BHB      0.09  15 P      07 16.38    0.5
                  S      07 18.50
DOI      0.25 178 P      07 18.50   -0.1
                  eSg    07 22.10
PZZ      0.26 201 P      07 18.38   -0.5
                  S      07 21.56
RRL      0.36 298 P      07 20.02   -0.7
                  S      07 23.86
RSP      0.40   3 P      07 21.76    0.3
                  S      07 27.40
BNI      0.50 307 P      07 22.60   -0.7
                  eSg    07 28.40
STV      0.51 172 P      07 22.45   -1.2
                  S      07 29.64
ENR      0.54 165 P      07 23.44   -0.8
                  S      07 31.19
ROB      0.65 135 P      07 25.97   -0.3
                  S      07 34.86
LSD      0.71 356 P      07 27.40    0.0
                  S      07 37.12
LPG      0.82 336 Pg     07 29.00   -0.3
                  Sg     07 39.00
LPL      0.84 335 Pg     07 29.40   -0.2
                  Sg     07 39.70
FIN      0.89 128 P      07 30.27    0.0
                  S      07 42.48
PCP      0.96 102 P      07 32.22    0.6
                  S      07 45.44
IMI      0.97 150 P      07 30.91   -0.8
                  S      07 44.03
FRF      1.26 200 Pg     07 38.20    1.5
LRG      1.44 206 Pg     07 40.20    0.8
                  Sg     08 01.00
LMR      1.51 200 Pg     07 42.00    1.6
                  Sg     08 01.00
BGF      3.56 302 Pn     08 10.10    0.4
      S.D. = 0.8  on  19 of  19 obs.
-----------------------------------
*   FEB  07, 1992  08h 11m 02.93± 0.54s
    15.110 S ±13.3km  166.721 E ±12.1km
    DEPTH =  33.0km  (normal)
    4.6mb (  8 obs.)  3.9Msz (  1 obs.)
  VANUATU ISLANDS                   (186)

DZM      6.93 182 iPd    12 34.00  -10.9X
                  iS     13 56.00
HNR      8.70 310 eP     13 09.00   -0.5
PMG     19.94 284 eP     15 35.00   -0.1
        1.0s     50.00nm          4.8mb
RMQ     20.23 233 eP     15 40.00    1.9
ARMA    20.60 220 eP     15 42.00   -0.1
                  i      15 51.00
OLP     23.87 238 iPc    16 18.00    3.6X
                  i      16 22.00
CMS     25.10 226 eP     16 23.00   -3.3X
                  i      16 28.00
                  i      16 32.00
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BWA 25.34 217 eP 16 31.90 3.4X
CAN 25.65 215 eP 16 35.40 4.0X
STK 28.35 230 eP 17 02.30 6.2X
0.7s 1.20nm 3.7mb
i 17 13.20
BFD 30.72 220 eP 17 24.00 6.8X
WB2 31.21 256 eP 17 19.90 -1.8
0.7s 3.50nm 4.3mb
i 17 26.90
iPcP 18 40.50
WRA 31.22 256 P 17 28.10 6.3X
0.7s 7.20nm 4.6mb
ASPA 32.05 249 eP 17 28.40 -0.6
0.9s 7.10nm 4.6mb
Z 22s 0.30um 3.9Msz
WARB 38.94 247 eP 18 27.00 -0.8
CHG 74.75 295 eP 22 45.00 3.0X
CHTO 74.75 295 eP 22 44.00 2.1
1.0s 3.75nm 4.3mb
SPA 74.99 180 iPd 22 41.80 -0.9
0.8s 8.75nm 4.8mb
LZH 78.18 313 eP 23 03.50 2.4X
1.5s 17.00nm 4.8mb
pP 23 13.00 30kmX
sP 23 17.00
YAK 82.22 343 eP 23 33.30 11.5X
PNT 91.04 39 eP 24 03.00 -2.2
VAI 144.18 333 PKP 30 34.70 -2.4X
SFI 144.19 328 PKP 30 36.30 -0.9
ROI 144.28 319 PKP 30 35.20 -2.4X
PGD 144.29 328 PKP 30 36.60 -1.0
BOB 144.73 332 PKP 30 34.10 -4.1X
CZI 144.76 319 PKP 30 36.40 -1.9
FLN 144.83 345 ePKP 30 38.00 -0.1
0.8s 8.05nm
LOR 144.91 340 ePKP 30 39.40 1.0
1.0s 9.00nm
LBF 145.12 339 ePKP 30 39.70 0.9
1.0s 11.00nm
GRR 145.27 345 ePKP 30 38.90 0.0
0.8s 13.45nm
LPL 145.32 335 ePKP 30 39.50 0.1
0.8s 6.70nm
LPG 145.32 335 ePKP 30 39.50 0.0
0.8s 5.35nm
SMF 145.46 339 ePKP 30 40.30 1.0
1.0s 13.00nm
AVF 145.50 340 ePKP 30 40.60 1.3
1.0s 9.00nm
LPF 145.65 345 ePKP 30 40.80 1.3
1.0s 18.00nm
PGF 146.61 329 ePKP 30 45.60 4.1X
1.1s 24.40nm
MFF 146.74 343 ePKP 30 42.50 1.1
0.8s 6.70nm
BCAO 146.95 255 ePKPc 30 37.70 -5.0X
0.8s 18.00nm
i 30 46 20
i 30 49 70
S.D. = 1.2 on 23 of 39 obs.

FEB 07, 1992 08h 14m 18 15± 0.27s
41.233 N ± 3.4km 19.400 E ± 2 6km
DEF¯H = 10.0km (geophysicist)
ALBANIA (391)
ML 3.5 (ROM), 3.4 (TTG) MD 3.7
(ATH), 3.3 (THE).

ULC 0.74 351 iPgc 14 33.24 0.6
iSg 14 44.29
OHR 1.06 96 iPg 14 36 30 -1.9
iSg 14 51 50
Lg 14 58.30
BDV 1.13 338 iPgd 14 40.27 0.9
iSg 14 56.90
TTG 1.20 355 iPgd 14 41.35 0.9
iSg 14 58.79
HCY 1.39 331 iPgd 14 44.69 1.2
iSg 15 04.27
LCI 1.42 231 P 14 44.30 0.4
eSn 15 04.50
PVY 1.43 17 iPgd 14 45.27 1.1
iSg 15 05.27
KEK 1.55 169 ePn 14 46.40 0.6
FNA 1.56 106 ePb 14 46.30 0.3
eSb 15 05.25
NKY 1.61 349 iPgc 14 47.97 1.2
iSg 15 09.32
IVA 1.68 13 iPnc 14 48.84 1.1
iSn 15 11.25
SKO 1.70 64 ePn 14 48.00 0.0
iSn 15 11.00
Lg 15 13.50
BRT 1.70 259 P 14 49.40 1.4
eSn 15 18.50
BRY 1.78 339 iPnc 14 50.30 1.0
iSn 15 13.92
BAI 1.92 267 P 14 52.00 0.9
KZN 2.02 116 ePn 14 53.50 0.7
eSn 15 25.00
PLE 2.10 360 iPnc 14 54.77 0.9
iSn 15 21.44
GRG 2.28 96 iPn 14 56.50 0.0
eSn 15 23.33
VAY 2.39 87 iPn 14 57.40 -0.6
i 15 18.00
i 15 28.40
Lg 15 35.60
LIT 2.61 115 ePn 15 00.93 -0.2
eSn 15 30.93
KNT 2.64 90 ePn 15 01.33 -0.2
eSn 15 32.41
THE 2.77 101 ePn 15 03.01 -0.3
TDS 2.82 237 P 15 04.60 0.6
SOH 3.02 97 ePn 15 06.30 -0.6
MGR 3.12 251 P 15 09.40 1.1
AGG 3.15 134 ePn 15 09.85 1.1
eSn 15 45.50
SRS 3.17 91 ePn 15 08.58 -0.4
eSn 15 44.77
SGO 3.17 259 Pd 15 10.10 1.1
GRI 3.32 224 P 15 11.42 0.1
OUR 3.59 103 ePn 15 14.38 -0.6
DUI 3.74 278 P 15 18.23 1.0
SDI 4.22 278 Pc 15 25.00 1.0
ATN 4.32 226 P 15 23.80 -1.5
BZS 4.67 19 ePc 15 31.50 1.2
MNS 5.15 285 P 15 38.00 0.8
VBY 5.23 326 ePn 15 37.60 -0.6
eSn 16 36.40
ARV 5.29 297 Pd 15 38.00 -1.2
PTJ 5.29 333 eP 15 36.10 -3.1X
ASS 5.34 292 P 15 39.70 -0.1
CEY 5.78 323 ePn 15 45.50 -0.5
eSn 16 51.00
CRE 6.01 296 P 15 48.30 -1.0
SFI 6.19 298 P 15 51.00 -0.7
VOY 6.24 322 ePn 15 51.10 -1.5
eSn 17 01.80
PGD 6.26 298 P 15 52.00 -0.9
MME 7.06 298 P 16 02.90 -1.3
KBA 7.29 325 iPnc 16 06.00 -1.3
i 16 07.40
iSn 17 29.30
CTI 7.40 313 P 16 06.40 -2.5
BOB 8.10 299 P 16 17.20 -1.5
SOTA 8.39 318 i(Pn) 16 21.40 -1.3
S.D. = 1.0 on 48 of 49 obs.

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* FEB 07, 1992 09h 01m 20.15± 1.11s
22.383 S ±11.0km 68.321 W ±12.1km
DEPTH = 33.0km (normal)
NORTHERN CHILE (123)

ANT 2.34 235 iP 01 56.70 -0.3
iS 02 21.30
YJA 2.62 86 ePc 02 07.10 5.6X
LPB 5.82 2 P 02 47.20 0.3
ZOBO 6.07 2 P 02 49.00 -1.5
ARE 6.61 333 eP 02 59.00 1.2
eS 04 00.00
PPD 15.76 92 eP 05 01.70 0.4
S.D. = 1.4 on 5 of 6 obs.

FEB 07, 1992 09h 48m 39.62± 0.14s
55.763 N ± 3.4km 160.803 E ± 2.4km
DEPTH = 145.6km (13 depth phases)
5.0mb (68 obs.)
KAMCHATKA (217)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 32C
Centroid Location:
Origin Time 09:48:40.1 0.9
Lat 55.40N 0.09 Lon 161.45E 0.12
Dep 146.5 3.2 Half-duration 1.4
Moment Tensor; Scale 10**16 Nm
Mrr= 0.70 0.46 Mtt= 4.80 0.75
Mff=-5.50 0.62 Mrt=-4.34 0.56
Mrf=-5.77 0.44 Mtf= 0.45 0.50
Principal Axes:
T Val= 8.55 Plg=38 Azm=159
N 0.66 35 36
P -9.21 33 280
Best Double Couple:Mo=8.9*10**16
NP1:Strike=313 Dip=35 Slip= 5
NP2: 218 87 125

SMY 8.36 106 eP 50 37.40 -1.5
ADK 13.83 97 eP 51 50.00 -0.4
KUSJ 16.38 226 eP 52 15.90 -6.3X
eS 55 03.00
ASAJ 16.44 232 iP+ 52 25.90 2.9X
YAK 17.11 304 iPd- 52 30.60 -0.4
1.2s 140.00nm 5.2mb
iPP 52 42.00
epP 52 56.00
ePPP 53 02.00
eS 55 40.00
eSS 55 56.00
eSSS 56 16.00
ePcP 57 22.00
eScS 04 04.00
HOOJ 17.56 228 eP 52 33.20 -3.3X
eS 55 34.90
MRRJ 18.48 232 eP 52 46.70 -0.1
ANM 18.77 48 ePc 52 50.40 0.8
AOMJ 20.30 230 eP 53 07.90 2.4
eS 56 35.80
OFUJ 21.00 225 eP 53 12.80 0.2
eS 56 47.30
YAMJ 22.44 227 eP 53 29.00 2.3
TTA 22.77 54 ePc 53 31.10 1.4
1.2s 102.30nm 5.1mb
SVW 23.08 59 ePc 53 34.40 1.7
1.2s 103.70nm 5.1mb
NIIJ 23.67 228 eP 53 38.70 0.2
BRW 23.74 33 eP 53 39.90 1.0
IMA 23.83 46 eP 53 40.60 0.5
0.8s 38.70nm 5.0mb
e 54 28.60
MAT 24.59 228 eP 53 47.00 -0.3
0.8s 33.58nm 4.9mb
eS 57 52.00
CHJJ 24.69 226 P 53 48.00 -0.2
MTMJ 24.73 229 eP 53 49.10 0.4
KDC 25.29 66 ePc 53 52.50 -1.1
IIDJ 25.62 227 eP 53 57.10 0.2
PMR 26.10 56 eP 54 00.20 -0.8
FBA 26.29 49 ePc 54 02.90 0.2
TOA 27.39 55 ePc 54 13.20 0.4
INK 31.53 40 ePd 54 48.80 -0.4
IRK 32.59 288 eP 54 59.20 0.5
Z 16s 0.34um 4.1MszX
e 55 18.20 81kmX
e 56 17.20
LR 08 39.00
BJI 33.13 261 eP 55 05.00 1.6
Z 16s 0.35um 4.2MszX
e 56 24.00 428kmX
MBC 34.43 25 eP 55 14.50 0.3
1.0s 8.00nm 4.4mb
YKA 40.94 45 eP 56 08.60 0.0
0.7s 16.90nm 4.8mb
LZH 42.83 267 eP 56 23.50 -1.0
1.5s 31.00nm 4.7mb
Z 16s 0.40um 4.4MszX
E 15s 0.38um
sP 57 02.00
PP 58 06.50
PcP 58 13.50
ScP 01 51.50
eSS 05 46.00
ScS 06 08.50
PGC 44.79 66 eP 56 40.00 0.2
GMW 45.83 67 P 56 48.70 0.5
BMW 46.30 68 P 56 52.30 0.4
PNT 46.32 63 iPc 56 52.50 0.5
0.7s 12.00nm 4.7mb
LON 46.86 67 P 56 56.30 -0.1
SHW 47.00 68 P 56 58.30 0.7

07d 09h

DAG	47.73	360	iPc	57 02.20	-0.5
	0.5s	26.76nm			5.2mb
DPW	47.97	64	P	57 04.60	-0.4
VGB	48.21	67	P	57 06.90	0.1
NEW	48.26	62	iP	57 07.10	0.0
	1.1s	14.81nm			4.6mb
FHC	49.72	74	P	57 19.50	1.1
	0.9s	48.25nm			5.3mb
SES	49.80	57	iPc	57 18.90	0.0
LBFM	50.48	72	P	57 24.90	0.5
FFC	50.89	48	iPc	57 27.00	-0.1
	0.9s	25.00nm			5.0mb
ORV	51.95	74	P	57 34.80	-0.5
LRM	52.26	62	ePc	57 37.40	-0.4
HPI	53.42	64	P	57 46.30	-0.1
ARN	53.52	76	P	57 46.90	0.0
CMB	53.65	74	P	57 48.10	0.3
	0.9s	17.04nm			4.9mb
KVN	54.15	72	P	57 52.50	0.8
PTI	54.39	65	P	57 53.90	0.5
BONR	54.83	73	P	57 57.40	0.6
HVU	54.97	66	P	57 57.70	0.1
TNP	55.32	72	iPc	58 00.90	0.7
	1.0s	54.50nm			5.4mb
			pP	58 32.30	133kmX
			sP	59 50.70	
BW06	55.89	63	iPc	58 04.30	0.0
	1.0s	22.50nm			5.1mb
			pP	58 37.70	143km
BCH	55.90	76	P	58 02.50	-1.8
DUG	56.11	67	P	58 06.00	0.2
	0.7s	12.91nm			5.0mb
ISA	56.43	75	eP	58 07.00	-1.0
ABL	56.62	76	P	58 09.40	-0.1
DAU	56.76	66	P	58 10.90	0.3
KAF	57.19	336	iP	58 11.80	-1.1
	0.4s	19.90nm			5.4mb
EMUT	57.43	66	P	58 15.50	0.3
SBB	57.51	75	eP	58 15.00	-0.5
RSSD	57.61	58	iP	58 16.00	-0.4
	1.1s	25.47nm			5.1mb
			pP	58 50.10	145km
MSU	57.68	68	P	58 17.40	0.4
MWC	57.73	76	eP	58 17.00	-0.2
SRU	58.10	66	P	58 20.00	0.2
CHG	58.87	257	eP	58 24.00	-1.1
CHTO	58.87	257	eP	58 24.00	-1.1
	1.0s	7.00nm			4.6mb
TPC	58.91	74	eP	58 24.00	-1.3
NUR	58.99	336	iP	58 24.20	-1.2
	0.5s	18.60nm			5.3mb
PLM	59.03	75	eP	58 25.00	-1.3
GUN	59.05	275	P	58 25.20	-1.5
KKN	59.48	275	P	58 27.60	-1.9
PKI	59.58	275	P	58 28.60	-1.7
GKN	59.68	276	P	58 29.40	-1.4
DMN	59.72	275	P	58 29.80	-1.4
GLA	60.37	74	eP	58 35.00	-0.3
OBN	60.50	327	eP	58 34.00	-1.7
	1.0s	70.00nm			5.6mb
UPP	61.06	340	iP	58 39.20	-0.3
NB2	61.09	344	P	58 38.50	-1.3
	0.6s	8.40nm			4.9mb
HFS	61.53	342	eP	58 41.00	-1.7
	0.4s	5.70nm			4.9mb
NDI	63.30	282	eP	58 50.00	-4.7X
ANMO	63.37	67	iP	58 55.80	0.4
	1.1s	15.82nm			4.9mb
			pP	59 30.20	143km
ACO	65.70	60	e(P)	59 09.50	-0.6
PMG	65.92	195	eP	59 10.00	-1.6
	0.9s	220.17nm			6.1mb X
MAIO	66.63	300	eP	59 16.00	-0.2
MEO	67.49	61	iPc	59 20.90	-0.6
SNG	67.59	249	eP	59 23.00	0.7
SIO	67.84	59	eP	59 22.90	-0.7
LNO	67.96	58	ePc	59 23.50	-0.7
TUL	67.96	58	ePc	59 23.70	-0.6
	0.5s	18.60nm			5.2mb
RLO	68.12	58	ePd	59 24.50	-0.9
VVO	68.44	59	ePc	59 27.10	-0.3
EKA	68.49	350	Pc	59 27.20	-0.1
	0.6s	7.50nm			4.7mb
FVM	68.79	53	P	59 28.10	-1.3
	0.8s	26.45nm			5.1mb
IPM	69.57	247	ePd	59 34.00	-0.5
	0.8s	63.60nm			5.5mb

KRA	69.63	334	eP	59 35.00	0.7
KSP	69.75	337	iPd	59 34.80	-0.3
			e	59 53.70	71kmX
ELC	69.90	53	P	59 35.40	-0.8
CLL	70.00	339	iPd	59 36.30	-0.3
	1.5s	47.00nm			5.1mb
BRG	70.22	338	eP	59 37.00	-0.9
	1.2s	30.00nm			5.0mb
			i	00 14.10	153km
DMU	70.24	352	iPc	59 38.00	0.0
	1.0s	93.00nm			5.6mb
LST	70.30	54	P	59 38.50	-0.1
SPC	70.36	334	eP	59 40.20	1.2
DCN	70.82	352	iPc	59 41.40	-0.1
MOX	70.91	340	eP	59 42.20	0.1
	0.8s	14.00nm			4.8mb
			e	00 18.80	150km
PRU	70.93	338	eP	59 42.00	-0.2
	0.6s	6.70nm			4.6mb
			e	00 18.80	151km
HYB	71.45	274	eP	59 44.00	-1.8
GRF	71.89	340	iPd	59 48.90	0.9
	1.3s	74.00nm			5.3mb
			epP	00 25.40	149km
MEM	71.94	343	iPd	59 48.23	0.0
			ec	00 24.30	147km
KHC	71.95	338	Pd	59 48.90	0.5
	1.3s	24.00nm			4.8mb
			e	00 24.70	146km
			e	00 49.00	
ZST	72.04	335	e(P)	59 49.40	0.6
			e	00 25.70	148km
MLR	72.19	328	eP	59 51.00	1.1
GEC2	72.19	338	Pd	59 49.00	-0.9
PWLA	72.34	53	P	59 49.70	-1.1
DOU	72.66	344	P	59 52.90	0.4
POO	73.19	278	iPd	59 53.40	-2.6
CDF	73.85	342	P	59 59.42	-0.1
CVL	73.90	45	P	59 59.70	-0.1
KBA	73.95	338	iPd	00 01.10	0.9
	0.6s	18.10nm			5.0mb
			i	00 20.00	70kmX
			i	00 35.60	
ECH	74.07	342	P	00 00.36	-0.3
FEL	74.24	341	P	00 01.46	-0.4
SQTA	74.26	339	iPd	00 02.10	0.2
			i	00 37.80	144km
SLE	74.26	341	eP	00 01.60	-0.2
VITF	74.26	343	P	00 01.89	0.1
HAU	74.41	343	eP	00 02.40	-0.3
	0.6s	22.55nm			5.1mb
MOF	74.42	342	P	00 02.39	-0.4
PTJ	74.47	335	eP	00 01.40	-1.7
BSF	74.50	342	eP	00 02.80	-0.5
	0.8s	21.50nm			4.9mb
FLN	74.67	347	eP	00 03.60	-0.5
	0.8s	18.80nm			4.9mb
BBS	74.73	342	P	00 04.30	-0.2
LDF	74.80	347	eP	00 04.00	-0.8
	0.8s	8.05nm			4.5mb
LOMF	74.96	342	P	00 05.37	-0.5
OSS	74.98	340	eP	00 06.70	0.6
VBY	75.01	336	ePd	00 06.00	-0.1
			ePcP	00 23.40	
			esP	00 42.80	
LLS	75.03	340	eP	00 07.30	0.9
GRR	75.09	347	eP	00 06.10	-0.4
	0.8s	18.80nm			4.9mb
VDL	75.31	340	eP	00 08.80	0.8
LPF	75.46	348	eP	00 08.30	-0.3
	0.8s	13.45nm			4.7mb
LOR	75.53	344	eP	00 08.80	-0.2
	0.6s	26.15nm			5.1mb
TMA	75.79	340	eP	00 11.10	0.4
LBF	75.79	344	eP	00 09.90	-0.6
	0.6s	10.80nm			4.8mb
MMK	76.01	341	eP	00 12.60	0.6
AVF	76.07	344	eP	00 11.80	-0.2
	0.6s	16.25nm			4.9mb
DIX	76.08	341	eP	00 13.30	0.8
SMF	76.14	344	eP	00 12.00	-0.5
	0.6s	7.20nm			4.6mb
EMS	76.18	342	eP	00 13.50	0.6
BGF	76.38	345	eP	00 13.70	-0.1
	0.8s	12.10nm			4.7mb
ORX	76.41	341	P	00 13.65	-0.5
LSD	76.73	341	P	00 16.93	0.9

TCF	76.74	345	eP	00 15.70	-0.1
	0.6s	5.40nm			4.5mb
MAF	76.75	345	eP	00 16.10	0.3
	0.7s	18.20nm			4.9mb
LPL	76.75	342	eP	00 17.00	0.9
	0.7s	36.40nm			5.2mb
MFF	76.75	347	eP	00 15.90	0.1
	0.8s	13.45nm			4.7mb
LPG	76.76	342	eP	00 17.20	0.9
	0.7s	43.05nm			5.3mb
AGO	76.83	344	P	00 17.04	0.8
PLDF	76.83	344	P	00 16.50	0.1
LSF	76.87	345	eP	00 16.50	0.0
	0.8s	16.80nm			4.8mb
VAY	76.99	329	eP	00 18.00	0.8
RSP	77.01	341	P	00 17.34	-0.1
PYM	77.14	344	P	00 18.54	0.4
MME	77.26	338	Pd	00 20.40	1.4
SFI	77.27	338	Pd	00 20.10	1.4
BHB	77.31	341	P	00 18.47	-0.5
RRL	77.32	341	P	00 20.11	0.8
PGD	77.34	338	P	00 21.00	1.7
PCP	77.35	340	P	00 18.98	-0.3
SSB	77.36	343	P	00 19.75	0.5
ARV	77.44	337	P	00 20.50	0.8
CRE	77.53	337	Pd	00 21.30	1.0
LBL	77.61	344	P	00 21.31	0.6
PZZ	77.66	341	P	00 20.32	-0.7
OHR	77.69	330	eP	00 21.20	0.1
ROB	77.72	340	P	00 20.62	-0.6
FIN	77.74	340	P	00 20.52	-0.8
RJF	77.80	345	eP	00 22.00	0.4
	0.8s	16.10nm			4.8mb
ENR	77.87	341	P	00 20.62	-1.5
STV	77.87	341	P	00 20.52	-1.6
ASS	77.91	337	P	00 23.10	0.8
IMI	78.09	340	P	00 23.29	0.0
CAF	78.09	345	eP	00 23.80	0.5
	0.8s	20.15nm			4.9mb
SBF	78.22	341	eP	00 23.70	-0.3
	0.6s	21.65nm			5.1mb
LFF	78.27	346	eP	00 24.50	0.3
	0.7s	13.25nm			4.8mb
LPO	78.45	345	eP	00 25.60	0.4
	0.8s	25.50nm			5.0mb
MNS	78.55	336	Pd	00 26.00	0.2
FRF	78.66	341	eP	00 26.30	0.0
	0.6s	7.20nm			4.6mb
WB2	78.68	205	eP	00 26.00	-0.6
	0.4s	13.00nm			5.0mb
WRA	78.68	205	P	00 39.50	12.9X
	0.9s	1.90nm			
LRG	78.81	341	eP	00 27.70	0.6
	0.5s	20.40nm			5.1mb
LMR	78.90	341	eP	00 27.90	0.3
	0.5s	13.10nm			4.9mb
PGF	79.18	339	eP	00 29.40	0.1
	0.6s	33.35nm			5.3mb
SGO	79.66	334	P	00 31.60	-0.1
MGR	80.00	334	P	00 34.00	0.4
EPF	80.19	346	eP	00 34.70	0.1
	0.8s	13.45nm			4.7mb
TDS	80.25	333	P	00 35.20	0.3
EGRA	81.11	346	iPd	00 41.30	2.0
ASPA	82.36	205	iPc	00 46.60	0.6
	0.9s	25.50nm			5.0mb
			i	01 21.30	137km
RMQ	82.56	191	iPc	00 48.50	1.6
	0.4s	9.00nm			4.9mb
			i	01 23.00	136km
ETOR	82.69	347	iPd	00 48.90	1.2
ESEL	83.00	343	iPd	00 50.80	1.6
GUD	83.12	349	iPd	00 50.90	0.9
OLP	83.23	195	iPd	00 51.60	1.3
	0.8s	60.00nm			5.5mb
EVIA	84.89	347	iPd	01 00.50	1.6
WARB	86.66	210	eP	01 08.50	1.1
EGUA	86.81	347	iPd	01 08.80	0.6
STK	88.83	196	eP	01 30.20	12.6X
	0.6s	2.10nm			
BWA	90.45	190	ePKP	01 26.60	1.4
CER	145.26	294	e(PKP)	07 59.00	-1.8
	1.0s	70.00nm			
SPA	145.58	180	iPKPc	08 00.90	0.5
	0.8s	83.33nm			

S.D. = 0.9 on 204 of 210 obs.

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&  FEB  07, 1992  10h 10m 34.80s
   60.637 N          151.848 W
   DEPTH =  75.3km
 KENAI PENINSULA, ALASKA                ( 14)
      <AEIC>.

RDT      0.28 257 iPd    10 46.08   -0.6
                  eS     10 55.29
DFR      0.42 264 iPd    10 46.90   -0.8
                  eS     10 56.81
REF      0.45 251 iPd    10 47.43   -0.6
RSO      0.48 249 iPd    10 47.74   -0.6
                  eS     10 58.01
RS2      0.48 249 iPd    10 47.76   -0.6
                  eS     10 58.13
RS1      0.48 249 iPd    10 47.78   -0.6
RDW      0.50 252 iPd    10 47.84   -0.7
RED      0.51 245 iPd    10 47.74   -0.7
                  eS     10 58.16
SPU      0.56 350 iPc    10 48.22   -0.7
                  eS     10 59.33
CKL      0.61 337 iPc    10 48.82   -0.7
CKN      0.61 345 ePc    10 49.03   -0.4
CRP      0.65 347 ePc    10 49.46   -0.5
                  eS     11 01.25
CPKM     0.66 344 eP     10 50.17    0.1
                  eS     11 01.01
NNL      0.66 155 iPd    10 50.37    0.5
BGL      0.68 337 iPc    10 49.63   -0.6
NCG      0.78 349 iPc    10 50.82   -0.6
SLKM     0.81  98 iPd    10 50.97   -0.7
                  eS     11 03.74
INE      0.84 227 eP     10 51.15   -0.9
INW      0.86 229 ePc    10 51.34   -0.9
                  eS     11 04.91
SUA      0.99  32 iPc    10 53.35   -0.5
                  eS     11 08.32
BRLK     1.00 151 iPd    10 53.15   -0.7
                  eS     11 08.39
CNPM     1.16 164 iPd    10 55.21   -0.6
PMS      1.27  60 ePc    10 56.81   -0.6
SEW      1.31 113 eP     10 56.32   -1.4
SKT      1.36   6 iPc    10 57.45   -1.0
                  eS     11 16.13
PWA      1.40  42 ePc    10 58.88    0.0
PDB      1.45 235 ePc    10 58.19   -1.4
                  eS     11 16.52
AUE      1.49 212 eP     10 59.39   -0.8
AUP      1.50 212 eP     10 59.99   -0.5
AUI      1.53 212 eP     11 01.00    0.3
PLRM     1.63  53 eP     11 00.79   -1.3
GHO      1.82  50 ePc    11 03.28   -1.4
KNK      1.83  63 ePc    11 03.38   -1.4
                  eS     11 25.44
SVW      1.91 286 eP     11 03.73   -2.2
MCNL     1.92 222 ePc    11 04.85   -1.2
CUT      1.93  22 eP     11 05.77   -0.4
SML      2.07  54 ePc    11 06.50   -1.6
LTI      2.07 105 eP     11 05.65   -2.5
MTU      2.19 105 eP     11 07.36   -2.4
GLI      2.35  82 eP     11 08.77   -3.1
FID      2.64  85 eP     11 12.45   -3.6
TRF      2.92  14 eP     11 19.29   -0.7
KTH      2.96   8 eP     11 20.93    0.4
KLU      3.01  71 eP     11 18.70   -2.5
TOA      3.10  59 eP     11 21.26   -1.2
RND      3.12  26 eP     11 23.25    0.6
PAX      3.83  50 eP     11 31.20   -1.4
GLB      3.99  75 eP     11 31.90   -3.0
       48 abs. associated
-----------------------------------------
?  FEB  07, 1992  10h 17m 02.07± 0.96s
   37.950 N ±15.7km    4.945 W ± 9.9km
   DEPTH =  10.0km  (geophysicist)
 SPAIN                                  (377)
      mbLg 2.7 (MDD).

EHOR     0.27 242 iPg    17 07.90    0.1
                  eSg    17 12.70
EBAN     0.94  76 iPg    17 20.00    0.0
                  eSg    17 34.00
EVAL     1.47 256 ePn    17 28.50   -0.2
                  eSn    17 47.50
GUD      2.76  13 iPn    17 47.30    0.0
                  eSn    18 19.10
      S.D. = 0.2  on   4 of   4 obs.
-----------------------------------------
```

```
&  FEB  07, 1992  10h 22m 42.61s
   60.681 N          152.005 W
   DEPTH =  84.5km
 SOUTHERN ALASKA                        (  2)
      <AEIC>.

RDT      0.23 242 iPd    22 54.64    1.0
                  eS     23 04.51
DFR      0.35 255 iPd    22 55.23   -0.8
                  eS     23 05.16
REF      0.39 241 iPd    22 55.83   -0.6
RSO      0.43 240 iPd    22 56.11   -0.6
                  eS     23 06.92
RS2      0.43 240 iPd    22 56.14   -0.6
RS1      0.43 240 iPd    22 56.17   -0.5
RDW      0.44 244 iPd    22 56.20   -0.6
RED      0.46 236 iPd    22 56.13   -0.7
                  iS     23 06.84
SPU      0.50 357 iPc    22 56.32   -0.8
                  eS     23 07.11
CKL      0.54 343 iPc    22 56.80   -0.7
CKN      0.55 351 iPc    22 57.02   -0.5
CRP      0.59 353 iPc    22 57.45   -0.5
CPKM     0.59 349 eP     22 57.61   -0.5
BGL      0.61 342 iPc    22 57.49   -0.6
NCG      0.73 354 iPc    22 58.56   -0.7
NNL      0.73 151 iPd    22 59.79    0.6
INE      0.81 221 iPd    22 59.22   -1.0
INW      0.83 223 iPd    22 59.45   -0.9
SLKM     0.90 100 iPc    23 00.31   -0.7
SUA      1.00  37 iPc    23 01.92   -0.4
                  eS     23 16.80
BRLK     1.08 148 iPd    23 02.48   -0.7
                  eS     23 17.63
CNPM     1.22 161 iPd    23 04.36   -0.6
                  eS     23 21.55
XLV      1.24 173 eP     23 04.56   -0.6
PMS      1.32  64 ePc    23 05.74   -0.5
                  eS     23 23.34
SKT      1.32  10 iPd    23 05.24   -1.0
SEW      1.39 113 eP     23 05.68   -1.4
PDB      1.41 232 iPd    23 06.24   -1.1
                  eS     23 24.80
PWA      1.42  46 ePc    23 07.56    0.2
AUE      1.49 208 eP     23 07.47   -0.9
AUP      1.50 209 ePd    23 08.12   -0.5
AUI      1.53 209 eP     23 08.19   -0.7
PLRM     1.67  55 eP     23 09.44   -1.2
PMR      1.67  55 P      23 08.88   -1.8
                  S      23 32.63
SVW      1.82 285 P      23 10.63   -2.2
GHO      1.85  52 ePc    23 11.93   -1.3
KNK      1.88  65 iPc    23 12.11   -1.4
MCNL     1.91 219 iPd    23 12.91   -1.0
CUT      1.92  25 ePd    23 13.31   -0.7
SML      2.10  56 ePc    23 15.05   -1.6
LTI      2.16 105 eP     23 15.38   -2.0
MTU      2.27 106 eP     23 17.12   -1.8
GLI      2.42  83 ePc    23 17.58   -3.3
HUR      2.56  25 eP     23 22.80   -0.1
VZW      2.69  80 eP     23 22.39   -2.3
FID      2.72  86 eP     23 21.36   -3.6
TRF      2.90  15 eP     23 25.92   -1.7
KTH      2.93  10 eP     23 26.59   -1.4
TTA      2.95 322 P      23 25.43   -2.8
KDC      2.95 185 P      23 25.47   -2.7
KLU      3.07  72 ePc    23 27.42   -2.4
RND      3.11  27 eP     23 28.96   -1.5
TOA      3.15  60 eP     23 29.97   -1.0
SGAM     3.36  90 eP     23 33.57   -0.3
MCK      3.38  24 eP     23 33.10   -1.1
SDG      3.60  56 eP     23 36.52   -0.7
PAX      3.86  51 eP     23 39.51   -1.3
GLB      4.06  76 ePc    23 40.71   -2.9
NEA      4.14  18 eP     23 42.73   -2.0
DDM      4.24  40 eP     23 46.52    0.3
CROM     4.36  85 eP     23 46.92   -1.0
MLY      4.41   7 eP     23 46.18   -2.3
HDA      4.41  30 eP     23 46.32   -2.2
CCB      4.43  24 eP     23 46.19   -2.5
DJE      4.47  39 eP     23 47.89   -1.4
TGL      4.51  85 eP     23 47.57   -2.4
MDM      4.63  20 eP     23 49.02   -2.6
FBA      4.65  23 P      23 48.20   -3.7
BALM     4.74  81 eP     23 49.67   -3.5
GLM      4.81  24 eP     23 51.80   -2.3
CTGM     5.23  82 eP     23 57.35   -2.7
```

```
IMA      5.46 353 P      23 59.77   -3.5
YKA     17.73  68 eP     27 01.70   16.8
         0.4s     0.10nm
         72 obs. associated
-----------------------------------------
%  FEB  07, 1992  12h 14m 44.30± 0.67s
   40.761 N ± 6.3km   23.153 E ± 5.0km
   DEPTH =  10.0km  (geophysicist)
 GREECE                                 (364)
      MD 1.6 (THE).

SOH      0.16  68 iPg    14 48.17    0.1
                  eSg    14 50.38
THE      0.19 228 iPg    14 48.50    0.0
                  iSg    14 51.17
KNT      0.44 334 ePg    14 53.58    0.2
                  eSg    15 00.30
SRS      0.49  43 iPg    14 53.98   -0.2
GRG      0.60 289 ePg    14 56.38   -0.1
OUR      0.76 124 ePg    14 59.26    0.1
      S.D. = 0.2  on   6 of   6 obs.
-----------------------------------------
   FEB  07, 1992  13h 01m 00.47± 1.32s
    8.939 N ± 5.9km  124.054 E ± 5.2km
   DEPTH =  53.1 ± 12.7 km
   4.8mb ( 18 obs.)  4.2Msz (  3 obs.)
 MINDANAO, PHILIPPINE ISLANDS           (259)

DAV      2.38 141 ePc    01 39.20    1.5
TSM      7.68 233 eP     02 50.50   -1.9
BAG      8.16 336 eP     03 02.10    2.9X
KKM      8.29 250 ePd    03 00.90    0.1
TPI     20.06 235 ePd    05 32.00   -0.1
                  e      07 00.00
GUMO    20.92  75 eP     05 40.20   -0.9
GUA     20.96  76 eP     05 39.80   -1.6
SSE     22.21 353 eP     05 55.00    1.2
         2.0s   230.00nm          5.3mb
      Z  20s     0.90um          4.2Msz
      N  14s     0.70um
                  S      10 00.00
IPM     23.27 261 ePd    06 05.50    1.2
         1.0s    48.50nm          4.9mb
SNG     23.27 267 eP     06 06.00    1.7
                  eS     10 20.00
LOE     23.29 293 eP     06 03.50   -1.0
KLI     23.54 235 eP     06 08.50    1.5
NST     24.30 288 eP     06 20.00    5.7X
KSI     24.77 241 ePc    06 20.50    1.6
                  e      07 15.00
BDT     25.73 291 eP     06 29.00    1.1
CHG     26.24 295 ePc    06 32.40   -0.2
         1.6s    58.33nm          4.9mb
CHTO    26.24 295 iPc    06 32.20   -0.4
         1.6s    40.03nm          4.7mb
                  pP     06 41.10   32kmX
WB2     30.44 161 eP     07 10.50    0.1
         0.5s     2.60nm          4.2mb
BJI     31.76 348 eP     07 21.00   -0.7
      Z  20s     0.36um          4.0Msz
      N  14s     0.41um
                  eS     12 31.00
ASPA    33.81 164 eP     07 37.80   -2.0
         0.5s     6.40nm          4.8mb
      Z  18s     0.40um          4.2Msz
SHL     34.75 302 iP     07 47.20   -0.9
         1.0s    35.00nm          5.2mb
                  eS     13 16.00
WARB    35.00 176 eP     07 49.00   -1.0
GUN     40.60 303 P      08 37.80    0.5
PKI     40.88 302 P      08 37.60   -2.0
KKN     41.06 302 P      08 40.20   -0.7
DMN     41.15 302 P      08 42.20    0.5
GKN     41.67 302 P      08 45.20   -0.6
STK     43.92 158 eP     09 15.40   11.6X
         0.7s     6.00nm
HYB     45.00 286 ePc    09 12.40   -0.5
CMS     45.28 154 iPd    09 14.80    0.0
         0.4s     4.00nm          4.6mb
BRS     45.59 143 iPc    09 16.50   -0.8
         1.0s     6.00nm          4.4mb
ADE     45.81 163 eP     09 19.00    0.0
IRK     46.11 343 eP     09 22.50    1.4
      Z  16s     0.43um          4.5MszX
                  e      10 09.20
                  e      11 52.90
                  LR     29 52.00
```

```
ARMA    47.25 147 iPd    09 31.00    0.5
BWA     48.92 153 eP     09 44.30    1.0
CAN     49.93 153 eP     09 51.10    0.0
TOO     50.43 158 eP     09 55.00    0.2
        0.6s    11.00nm          5.1mb
DZM     51.74 127 iPc    10 05.00   -0.1
YAK     53.14   3 iPd    10 14.10   -0.7
        0.8s    52.00nm          5.6mb
                  e      12 25.00
MAIO    64.29 306 eP     11 33.00    0.1
BRW     78.12  19 eP     12 56.50    1.4
IMA     78.75  24 eP     12 59.80    1.0
        1.2s     7.50nm          4.5mb
PMR     80.69  29 eP     13 09.50    0.5
FBA     81.19  26 e(P)   13 11.50   -0.2
        1.0s     0.20nm          3.0mb X
                  pP     13 23.10   38kmX
OBN     81.28 324 eP     13 12.00   -0.3
        1.1s    23.00nm          5.0mb
TOA     82.06  28 eP     13 18.20    1.8
KAF     85.78 332 iP     13 35.10    0.0
        0.4s     1.80nm          4.6mb
INK     86.32  21 eP     13 38.00    0.4
MBC     87.48  12 ePd    13 44.20    1.0
        1.0s    20.00nm          5.3mb
HFS     92.20 332 eP     14 04.00   -1.5
        0.4s     1.20nm          4.7mb
NB2     92.97 333 P      14 07.20   -1.9
        0.7s     2.30nm          4.7mb
YKA     95.85  23 eP     14 22.20   -0.1
        0.7s     1.80nm          4.7mb
      S.D. = 1.1  on  49 of  52 obs.
-----------------------------------------
*  FEB  07, 1992  14h 06m 57.79± 3.05s
   41.099 N ±24.7km   19.358 E ±17.5km
   DEPTH =  10.0km  (geophysicist)
 ALBANIA                            (391)
      ML 2.2 (TTG).

ULC      0.87 355 iPgd   07 13.42   -1.1
                  iSg    07 21.29
OHR      1.09  89 ePg    07 17.70   -0.6
                  eSg    07 31.50
BDV      1.25 342 iPgd   07 19.67   -1.3
                  iSg    07 33.47
TTG      1.33 357 iPgc   07 21.64   -0.7
                  iSg    07 36.57
HCY      1.49 335 iPgd   07 24.47   -0.2
                  iSg    07 42.50
PVY      1.56  17 iPgc   07 26.52    0.8
                  iSg    07 45.52
NKY      1.73 351 iPgc   07 28.77    0.6
                  iSg    07 49.54
SKO      1.79  60 eP     07 50.40   21.4X
IVA      1.82  13 iPgd   07 29.74    0.3
                  iSg    07 53.27
BRY      1.90 342 iPgd   07 31.44    0.8
                  iSg    07 54.92
PLE      2.23   1 iPnd   07 36 77    1.4
                  iSn    08 02.79
      S.D. = 1.0  on  10 of  11 obs.
-----------------------------------------
*  FEB  07, 1992  14h 12m 12 25± 0.61s
   37.317 N ±10.8km   70 905 E ±12.3km
   DEPTH =  33.0km  (normal)
   4.4mb ( 11 obs.)
 AFGHANISTAN-TAJIKISTAN BORD REG.(717)

OUE      7.83 206 iPd    14 06 50   -0.5
                  eS     15 25 50
MAIO     9.21 267 eP     14 42 00   16.1X
NDI     10.11 147 eP     14 38 00   -0.1
                  eS     15 12.50
GKN     14.82 125 P      15 43.40    2.1X
        0.5s    12.00nm          4.5mb
KKN     15.38 124 P      15 49.40    0.7
        0.6s    17.00nm          4.5mb
DMN     15.39 125 P      15 49.40    0.6
        0.5s     9.00nm          4.3mb
PKI     15.61 124 P      15 50.40   -1.4
        0.6s    16.00nm          4.4mb
GUN     15.70 122 P      15 54.40    1.4
        0.6s    14.00nm          4.3mb
HYB     20.94 159 eP     16 49.10   -5.6X
KAF     36.90 327 iP     19 21.10    1.8
        0.3s     1.50nm          4.3mb
NUR     37.12 324 eP     19 22.50    1.4
HFS     42.38 321 eP     20 05.00    0.3
        0.4s     2.80nm          4.3mb
NB2     43.69 323 P      20 14.80   -0.6
        0.7s     4.90nm          4.4mb
MBC     66.53   3 eP     23 00.50    0.2
INK     73.11   9 eP     23 39.50   -1.1
KIC     74.76 266 P      23 41.80   -9.3X
YKA     80.44   3 eP     24 19.00   -2.6
        0.6s     1.20nm          4.1mb
WRA     82.49 122 P      24 24.40   -8.6X
        0.6s     0.90nm          4.0mb
WB2     82.50 122 eP     24 24.00   -9.0X
        0.5s     3.00nm          4.6mb
      S.D. = 1.4  on  13 of  19 obs.
-----------------------------------------
%  FEB  07, 1992  15h 54m 03.92± 0.93s
   34.055 S ±14.1km   70.882 W ±10.7km
   DEPTH =  70.0km  (geophysicist)
 CHILE-ARGENTINA BORDER REGION    (127)
      MD 3.4 (SAN).

CHCH     0.23  57 iPc    54 15.00    0.1
                  iS     54 25.00
CACH     0.24 105 iPc    54 15.00   -0.1
                  iS     54 24.80
TACH     0.40 353 iPc    54 16.50    0.4
                  iS     54 28.00
LNV      0.45 283 iPc    54 16.20   -0.2
                  iS     54 27.20
PCH      0.53  35 iPc    54 17.20   -0.1
                  iS     54 29.50
LCCH     0.81 315 iPc    54 20.40    0.0
                  iS     54 35.00
PEL      0.92  10 iPc    54 21.50   -0.3
                  iS     54 37.50
      S.D. = 0.3  on   7 of   7 obs.
-----------------------------------------
   FEB  07, 1992  16h 18m 14.65± 0.40s
   25.981 S ± 8.5km  176.854 W ± 8.5km
   DEPTH =  62.0km  (  3 depth phases)
   5.2mb ( 16 obs.)
 SOUTH OF FIJI ISLANDS              (171)
      CENTROID, MOMENT TENSOR      (HRV)
      Data Used: GDSN
      L.P.B.: 20S, 32C
      Centroid Location:
      Origin Time        16:18:18.9 0.7
      Lat 26.08S 0.08 Lon 176.74W 0.05
      Dep  67.1 3.8 Half-duration  1.7
      Moment Tensor;    Scale 10**16 Nm
        Mrr= 2.02 0.33   Mtt=-4.71 0.52
        Mff= 2.69 0.50   Mrt=-3.04 0.40
        Mrf=-7.51 0.35   Mtf=-4.91 0.48
       Principal Axes:
        T  Val= 10.04   Plg=41   Azm= 81
        N        0.55      35      209
        P      -10.59      29      323
      Best Double Couple:Mo=1.0*10**17
       NP1:Strike=105 Dip=36 Slip= 168
       NP2:        204     83       54

SVA      8.95 330 ePc    20 24.80    1.1
VUN      9.04 330 ePc    20 25.20    0.2
SGE      9.66 329 eP     20 48.60   15.1X
DZM     15.75 281 iPc    21 59.20    5.1X
MNG     15.93 202 eP     21 48.80   -7.4X
RAR     16.36  77 P      21 56.00   -5.7X
                  S      24 41.00
WEL     16.77 202 P      22 07.00    0.3
                  S      24 58.00
TCW     16.88 204 eP     22 00.10   -8.0X
KHZ     18.20 203 eP     22 18.70   -5.7X
HNR     27.47 303 eP     24 03.00    6.0X
RMO     30.80 261 eP     24 30.00    3.3X
                  i      24 47.00   71km
CMS     33.07 252 eP     24 49.00    2.5X
STK     36.68 251 eP     25 31.00   13.7X
        0.9s     2.20nm
PMG     37.87 289 eP     25 27.00   -0.5
ASPA    44.55 262 eP     26 22.00   -0.3
        0.4s    22.30nm          5.3mb
      Z  23s     0.70um          4.5MszX
                  eS     31 37.30
WB2     45.12 267 eP     26 26.20   -0.7
        0.3s    19.00nm          5.4mb
WRA     45.14 267 P      26 26.80   -0.2
        0.5s     8.40nm          4.8mb
FORR    48.26 251 eP     26 51.00   -0.3
WARB    50.39 257 eP     27 07.00   -0.8
SPA     64.17 180 eP     28 47.00    2.2
        0.8s    29.17nm          5.3mb
ADK     77.52   0 P      29 58.50   -6.3X
        0.9s    45.31nm          5.5mb
ABL     81.46  45 P      30 25.60   -1.2
SDN     82.19   9 P      30 25.60   -4.2X
        0.6s    27.68nm          5.4mb
SBB     82.25  45 eP     30 31.00    0.3
ISA     82.45  44 eP     30 28.00   -3.7X
TPC     83.04  47 eP     30 29.00   -5.8X
LBFM    84.13  38 P      30 39.60   -0.7
TNP     84.75  43 P      30 43.60    0.1
        0.9s     7.22nm          4.7mb
MDJ     85.59 325 Pc     30 48.00    0.8
        0.8s    38.00nm          5.6mb
SNY     87.06 320 iPc    30 54.70    0.2
CN2     87.26 322 iPc    30 56.00    0.6
        1.0s    20.00nm          5.3mb
      Z  28s     0.70um          4.9MszX
                  sP     31 14.00
TIA     87.73 312 P      30 58.90    1.0
MSU     88.18  45 P      31 00.90    0.6
PMR     90.09  13 P      31 07.30   -1.2
        0.7s     3.83nm          4.8mb
DPW     90.39  35 P      31 10.50    0.2
BJI     90.51 315 eP     31 11.00    0.2
      Z  24s     0.32um          4.7MszX
PNT     90.61  33 eP     31 13.00    1.8
BALM    91.12  16 P      31 13.10   -0.3
TIY     91.70 312 Pc     31 17.70    1.2
        0.6s    19.00nm          5.7mb
      Z  22s     0.52um          4.9Msz
RND     91.80  12 P      31 14.90   -1.5
BW06    92.24  43 P      31 20.00    0.9
        0.8s     3.21nm          4.8mb
                  pP     31 36.00   55km
XAN     92.27 307 P      31 20.60    1.4
CHG     93.07 289 eP     31 25.50    2.4X
CHTO    93.07 289 e(P)   31 21.40   -1.7
        1.0s     6.00nm          5.0mb
FBA     93.35  12 P      31 22.20   -1.2
        0.6s     5.67nm          5.2mb
HHC     93.91 314 P      31 27.60    0.9
RSSD    96.36  44 P      31 38.00    0.0
        0.8s     4.01nm          5.0mb
                  pP     31 55.00   59km
YKA    101.03  25 ePdiff32 10.70   12.3X
        0.8s     0.30nm
GTA    101.22 308 ePdiff32 01.90    1.9X
        1.0s     5.00nm          5.1mb
NB2    144.52 353 PKP   37 42.40   -2.7X
        0.9s     4.60nm
UPP    144.68 347 iPKP  37 42.70   -2.5
HFS    145.09 351 ePKP  37 45.00   -1.0
        0.4s     4.30nm
KSP    153.21 341 ePKP  38 08.00    9.2X
                  e      38 20.70
BRG    153.80 344 ePKP  38 07.80    8.2X
        1.0s    20.00nm
                  i      38 27.00
KIC    159.09 158 PKP   38 29.20   21.8X
      S.D. = 1.1  on  34 of  55 obs.
-----------------------------------------
%  FEB  07, 1992  16h 29m 14.11± 1.10s
   37.133 N ± 7.1km    3.577 W ±14.0km
   DEPTH =  10.0km  (geophysicist)
 SPAIN                              (377)
      mbLg 2.6 (MDD). Felt (IV) in the
      Zubio area.

ECOG     0.14   3 iPgd   29 16.35   -1.2
EGUA     0.30 178 iPgc   29 20.26   -0.1
                  iSg    29 24.60
EBAN     1.04 351 iPgc   29 34.98    1.2
                  iSg    29 48.70
ENIJ     1.11  98 iPgc   29 35.29    0.4
EVIA     1.73  29 iPnc   29 44.20   -0.2
                  iSn    30 05.80
      S.D. = 1.2  on   5 of   5 obs.
-----------------------------------------
%  FEB  07, 1992  16h 56m 49.56± 1.15s
   41.468 N ±11.9km   15.263 E ± 9.8km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN ITALY                     (390)
```

```
DUI      0.63 288 P      57 02.30   0.0
                 eSg    57 09.30
SGO      0.91 178 P      57 07.50   0.6
                 eSg    57 20.80
SDI      1.11 283 P      57 10.50   0.0
                 eSg    57 26.60
MGR      1.35 170 P      57 13.60  -0.8
                 eSg    57 32.00
BRT      1.58 111 P      57 17.80   0.1
                 eSg    57 38.90
     S.D. = 0.7  on   5 of   5 obs.
-----------------------------------------
&  FEB  07, 1992  18h 13m 11.62s
   45.702 N          112.739 W
   DEPTH =   0.0km  (geophysicist)
   2.8mb (  1 obs.)
 MONTANA                          (456)
      <BUT>. ML 2.8 (BUT). Chemicol
      Explosion at the Moiden Rock
      Mine (BUT).

HBMT     0.13  45 iPc    13 14.50   0.3
LRM      0.23  59 iPc    13 16.60   0.3
BUT      0.33  21 iPc    13 18.40   0.1
BGMT     0.68 133 iPc    13 24.50  -0.7
MCMT     0.88 185 ePc    13 28.30  -0.9
SXM      1.16  67 ePc    13 33.90  -0.5
HRY      1.19  32 iPc    13 34.30  -0.5
MEMT     1.24  94 eP     13 35.00  -0.8
LTMT     1.26 159 ePc    13 35.50  -0.6
PZCI     1.39 167 iPc    13 38.45   0.1
JGI      1.61 178 iPd    13 41.81   0.2
                 eS     14 08.48
GBI      1.78 164 iPd    13 45.22   1.2
                 eS     14 09.89
CRBI     1.87 178 iPd    13 45.21  -0.2
LLRI     1.98 184 ePd    13 47.24   0.3
HPI      2.01 187 iPc    13 47.62   0.2
                 eS     14 15.96
NPRI     2.11 182 eP     13 48.65  -0.1
                 eS     14 18.82
CBTI     2.32 183 ePc    13 51.87   0.0
TMI      2.47 166 eP     13 54.54   0.5
YKA     16.86 357 eP     17 06.80  -3.5
       0.4s      0.30nm          2.8mb
       19 obs. associated
-----------------------------------------
?  FEB  07, 1992  18h 14m 01.95±12.12s
   36.097 N ±81.5km     0.013 W ±61.3km
   DEPTH =  10.0km  (geophysicist)
 WESTERN MEDITERRANEAN SEA        (387)
      mbLg 2.6 (MDD).

ACU      2.43 353 iPn    14 42.50   0.1
                 eSn    15 15.00
EHUE     2.68 310 iPn    14 46.60   0.5
EGUA     2.96 285 iPn    14 47.40  -2.4X
ECOG     3.09 293 iPn    14 51.60  -0.2
                 eSn    15 29.00
EVIA     3.22 323 iPn    14 53.70   0.1
                 eSn    15 33.00
IFR      4.93 240 iP     16 10.50  52.5X
GUD      5.58 326 iP     15 26.60  -0.6
     S.D. = 0.6  on   5 of   7 obs.
-----------------------------------------
*  FEB  07, 1992  19h 04m 42.53± 0.93s
   21.018 S ± 8.4km   68.837 W ±12.3km
   DEPTH =  33.0km  (normal)
 CHILE-BOLIVIA BORDER REGION      (124)

ANT      3.05 208 eP     05 30.00   0.5
YJA      3.31 111 ePc    05 34.10   0.4
CCH      4.42  36 P      05 48.40  -1.0
LPB      4.52   9 P      05 53.00   2.2X
ZOBO     4.75   8 iPc    05 56.20   1.9
SLA      4.81 141 iP     05 54.00  -0.7
ARE      5.18 331 eP     05 59.00  -1.1
                 iS     06 58.00
     S.D. = 1.5  on   6 of   7 obs.
-----------------------------------------
*  FEB  07, 1992  19h 26m 48.55± 0.84s
   37.435 S ± 7.7km  177.463 E ±10.6km
   DEPTH = 206.1 ±  5.9 km
   4.7mb (  3 obs.)
 OFF E. COAST OF N. ISLAND, N.Z. (160)

HBZ      0.69 104 P      27 12.40  -5.0X
URZ      0.87 199 Pd     27 17.00  -1.3
                 S      27 39.50
PUZ      0.90 136 P      27 16.20  -2.4
                 S      27 37.50
TAZ      1.10 223 P      27 19.80   0.0
UTU      1.25 233 eP     27 21.00   0.0
NOZ      1.26 159 Pd     27 21.00  -0.1
PATZ     1.34 225 Pd     27 22.20   0.4
PAHZ     1.46 193 Pd     27 23.20   0.4
WLZ      1.54 254 Pc     27 22.60  -0.8
KUZ      1.55 296 P      27 17.90  -5.6X
                 eS     27 40.30
WHH      1.64 208 P      27 24.70   0.3
MOH      1.71 188 P      27 26.00   1.0
MAHZ     1.78 169 P      27 26.60   0.9
TTH      2.16 193 P      27 31.00   1.5
MOZ      2.36 242 Pd     27 33.00   1.4
RUZ      2.38 224 P      27 33.00   1.1
WAHZ     2.42 201 P      27 33.20   0.8
TEHZ     2.60 191 P      27 35.30   1.0
BSZ      3.08 219 P      27 41.10   1.2
PGZ      3.31 196 P      27 43.30   0.7
MNG      3.53 205 P      27 45.50   0.2
                 eS     28 32.30
KIW      3.96 209 P      27 50.40  -0.1
MTW      4.02 202 eP     27 51.20  -0.1
AMW      4.09 198 P      27 52.60   0.5
CAW      4.11 206 P      27 52.40  -0.1
BLW      4.22 201 P      27 53.70  -0.1
WDW      4.28 206 P      27 54.20  -0.3
MOW      4.33 203 eP     27 54.90  -0.3
DIW      4.35 218 eP     27 55.00  -0.4
MRW      4.35 209 P      27 55.10  -0.3
                 eS     28 50.20
WEL      4.38 208 eP     27 55.90   0.2
TCW      4.51 212 P      27 56.80  -0.6
ORZ      5.12 227 P      28 04.20  -1.0
THZ      5.57 218 eP     28 10.50  -0.6
KHZ      5.82 210 P      28 13.60  -0.5
                 eS     29 22.00
DSZ      6.14 224 eP     28 16.80  -1.5
LTZ      6.66 215 eP     28 23.60  -1.5
MQZ      7.26 209 eP     28 31.40  -1.5
                 eS     29 53.40
TUZ     10.33 212 eP     29 13.30   0.6
ASPA    39.60 278 iPc    34 01.80   0.3
       0.6s     15.70nm          4.7mb
                 ePcP   36 03.10
FORR    41.00 264 eP     34 14.30   1.5
WB2     41.24 283 iPd    34 14.60  -0.3
       0.3s     11.50nm          4.9mb
WRA     41.25 283 P      34 14.90  -0.1
       0.6s      4.50nm          4.2mb
LIC    148.85 175 PKP    46 15.50   6.2X
KIC    149.00 176 PKP    46 15.70   6.2X
TIC    149.27 175 PKP    46 16.30   6.4X
     S.D. = 0.9  on  41 of  46 obs.
-----------------------------------------
%  FEB  07, 1992  19h 46m 54.03± 0.82s
   39.375 N ± 6.6km   16.249 E ± 9.4km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN ITALY                   (390)

ACI      0.04 235 P      46 55.70  -0.4
CZI      0.18 210 P      46 58.50   0.4
TDS      0.29  14 P      47 00.00  -0.1
                 iSg    47 04.00
ROI      0.32  52 P      47 00.40  -0.2
CSI      0.40   4 P      47 02.80   0.5
MGR      0.93 325 P      47 11.60  -0.2
                 eSg    47 24.40
     S.D. = 0.5  on   6 of   6 obs.
-----------------------------------------
*  FEB  07, 1992  20h 00m 15.43± 1.28s
   44.784 N ± 9.6km   17.061 E ±13.2km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION       (383)
      ML 3.2 (ZAG). MD 3.0 (LJU).

ZAG      1.28 324 e(Pn)  00 39.00  -0.2
                 eSn    01 01.00
PTJ      1.36 326 iPnd   00 39.50  -1.0
                 iSn    01 01.50
VBY      1.47 300 ePn    00 44.40   2.5X
                 iSn    01 05.80
                 iSg    01 07.70
HVAR     1.67 196 iPn    00 44.10  -0.7
                 iSn    01 07.50
RIY      1.98 287 ePn    00 50.70   1.4
                 i(Sn)  01 19.20
CEY      2.09 298 e(Pn)  00 56.50   5.5X
                 eSn    01 30.00
UZD      2.10  30 ePn    00 52.20   1.2
LJU      2.18 306 e(Pn)  01 00.40   8.1X
                 eSn    01 27.00
TRI      2.51 293 eP     01 04.90   8.1X
                 e      01 25.90
VOY      2.56 300 ePn    00 59.00   1.3
                 ePg    01 04.20
                 eSn    01 36.70
                 eSg    01 42.10
SRO      3.15  16 eP     01 40.30  34.3X
ZST      3.41   0 e(P)   01 22.20  12.5X
                 e      02 06.40
KBA      3.46 313 iPgc   01 10.20  -0.4
                 iSg    01 51.50
KHC      4.96 333 eP     01 30.00  -1.7
                 e      02 36.50
     S.D. = 1.4  on   8 of  14 obs.
-----------------------------------------
%  FEB  07, 1992  20h 41m 28.72± 2.04s
   37.869 S ±14.2km  176.436 E ± 8.2km
   DEPTH = 223.7 ± 18.4 km
 NORTH ISLAND, NEW ZEALAND        (159)

URZ      0.66 126 Pd     41 58.10  -1.1
                 S      42 15.80
MOZ      1.44 243 Pc     42 04.80   0.5
PUZ      1.45  99 eP     42 04.40  -0.1
                 eS     42 26.40
NOZ      1.47 121 eP     42 04.90   0.4
HBZ      1.50  80 P      42 05.20   0.4
RUZ      1.52 214 eP     42 04.80  -0.3
BSZ      2.26 211 eP     42 12.80   0.9
PGZ      2.75 183 P      42 17.70   0.5
KIW      3.22 201 P      42 22.50   0.0
MTW      3.36 192 P      42 24.00  -0.2
CAW      3.40 198 P      42 24.70   0.0
AMW      3.48 188 P      42 25.70   0.2
DIW      3.52 213 P      42 26.10   0.0
BLW      3.57 192 P      42 26.70   0.0
WDW      3.57 198 P      42 26.40  -0.3
MRW      3.62 201 P      42 27.00  -0.2
                 S      43 08.40
MOW      3.66 194 P      42 27.60  -0.2
TCW      3.73 206 P      42 28.70   0.1
ORZ      4.23 224 eP     42 34.20  -0.5
                 eS     43 21.70
KHZ      5.06 205 P      42 45.10   0.2
LTZ      5.85 212 P      42 55.00  -0.1
     S.D. = 0.5  on  21 of  21 obs.
-----------------------------------------
   FEB  07, 1992  20h 56m 32.00± 1.11s
   37.225 N ± 5.4km   14.183 W ± 9.8km
   DEPTH =  10.0km  (geophysicist)
   3.8mb (  2 obs.)
 NORTH ATLANTIC OCEAN             (402)
      mbLg 3.6 (MDD).

LIS      4.25  68 eP     57 38.00  -0.2
                 eS     58 21.00
PTO      5.84  46 iPnd   58 00.60   0.0
                 iSn    59 01.70
EVAL     5.93  84 iPnc   58 12.32  10.3X
                 iSn    59 02.40
EZAM     6.49  39 iPnd   58 09.90   0.0
                 iSn    59 15.80
GIBL     6.60  91 eP     58 12.00   0.6
AVE      6.78 123 iPn    58 13.00  -1.0
                 iSn    59 22.00
                 i      59 24.00
MOMI     6.85  95 eP     58 19.00   4.0X
PLAT     6.86  97 eP     58 17.00   1.9
ALJ      6.89  92 eP     58 18.00   2.3
EPLA     6.95  63 iPnd   58 16.47   0.1
                 iSn    59 25.60
LIJA     7.02  90 eP     58 18.00   0.5
EJIF     7.03  94 iPnc   58 18.78   1.3
                 iSn    59 29.20
STS      7.11  36 iPnc   58 19.03   0.4
                 iSn    59 31.40
EHOR     7.13  82 iPnc   58 18.75  -0.1
                 iSn    59 30.90
EPRU     7.16  89 iPnc   58 20.22   0.9
```

			iSn	59 33.30	
ERUA	7.48	44	iPnc	58 23.95	0.2
			iSn	59 38.10	
EMON	8.11	38	iPnc	58 32.66	0.0
			iSn	59 54.00	
AIT	8.12	127	ePn	58 32.50	-0.2
			iSn	59 54.00	
IFR	8.27	114	iPn	58 34.00	-1.0
			iSn	59 55.50	
EBAN	8.30	80	iPnc	58 34.89	-0.3
			iSn	59 59.30	
TOL	8.37	68	iPg	58 35.50	-0.8
ECOG	8.47	86	iPnd	58 37.87	0.2
			iSn	59 03.20	
EGUA	8.50	89	iPnc	58 38.88	0.8
			iSn	59 05.20	
TIO	8.51	136	iPn	58 37.00	-1.3
			iSn	00 00.00	
GUD	8.53	63	iPnd	58 38.12	-0.4
			iSn	59 02.50	
EHUE	9.23	83	iPnd	58 47.47	-0.7
			iSn	59 22.50	
EVIA	9.34	78	iPnc	58 48.50	-1.2
			iSn	59 23.30	
ETOR	10.10	65	iPnd	58 59.54	-0.6
			iSn	00 43.10	
EGRA	11.77	61	iPnd	59 29.59	6.7X
EBR	11.97	68	(P)	59 25.00	-0.5
BTH	12.20	57	eP	59 29.20	0.5
			i	59 30.00	
			iPP	59 38.00	
			e	59 41.00	
			eS	59 45.00	
			eSS	59 59.00	
EPF	12.53	58	Pn	59 33.20	0.0
			Sn	01 41.00	
LFF	13.63	51	Pn	59 46.50	-1.1
LPO	13.79	53	Pn	59 49.20	-0.5
			Sn	02 10.00	
MFF	14.02	44	Pn	59 52.30	-0.4
			Sn	02 16.80	
RJF	14.29	51	Pn	59 54.70	-1.6
			Sn	02 24.20	
CAF	14.45	53	Pn	59 56.80	-1.7
			Sn	02 27.20	
LPF	14.48	38	Pn	59 59.00	0.3
			Sn	02 24.60	
GRR	14.81	37	Pn	00 02.70	-0.4
TCF	15.20	48	Pn	00 08.10	-0.1
FLN	15.25	37	Pn	00 08.60	-0.3
LDF	15.31	38	Pn	00 09.00	-0.6
MAF	15.38	49	Pn	00 10.90	0.3
BGF	15.71	48	Pn	00 15.80	0.9
AVF	16.13	48	Pn	00 21.40	1.1
SMF	16.35	49	Pn	00 25.00	1.9
GRF	22.13	48	e(PKP)	01 35.00	5.8X
			e	01 44.00	
GEC2	23.32	51	Pc	01 44.70	3.7X
	0.9s		2.43nm		3.8mb
YKA	62.20	329	eP	06 56.60	1.0
	0.6s		0.50nm		3.9mb
TUL	63.49	296	e(P)	06 58.10	-6.4X

S.D. = 0.9 on 44 of 50 obs.

& FEB 07, 1992 21h 18m 26.07s
60.430 N 150.684 W
DEPTH = 41.3km
KENAI PENINSULA, ALASKA (14)
<AEIC>. ML 2.5 (AEIC).

SLKM	0.24	71	iPd	18 33.70	-0.2
			S	18 39.86	
NNL	0.49	218	iPd	18 37.14	0.3
BRLK	0.68	189	iPd	18 38.69	-0.6
			eS	18 48.95	
SEW	0.70	117	ePc	18 38.76	-0.8
			eS	18 48.91	
RDT	0.86	280	iPc	18 41.04	-0.9
			S	18 53.55	
CNPM	0.95	197	ePd	18 42.43	-0.7
			eS	18 55.14	
PMS	0.99	33	eP	18 43.35	-0.3
			eS	18 55.96	
REF	1.00	274	iPc	18 43.27	-0.8
			eS	18 56.96	
DFR	1.00	280	iPc	18 43.00	-1.0
			eS	18 56.79	
SPU	1.01	319	iPc	18 43.19	-0.8
			eS	18 56.62	
RSO	1.03	273	iPc	18 43.66	-0.7
			eS	18 57.44	
RS2	1.03	273	iPc	18 43.69	-0.7
			eS	18 57.52	
RS1	1.03	273	iPc	18 43.70	-0.7
RED	1.04	270	iPc	18 43.54	-0.9
			eS	18 57.44	
SUA	1.04	358	eP	18 43.90	-0.6
CRP	1.11	320	ePc	18 44.88	-0.6
			eS	19 00.03	
XLV	1.11	209	eP	18 45.14	-0.2
CKL	1.12	314	iPc	18 44.67	-0.9
BGL	1.18	316	iPc	18 45.71	-0.8
NCG	1.21	324	eP	18 46.46	-0.5
INE	1.24	254	iPc	18 46.50	-0.9
			eS	19 02.88	
INW	1.27	254	iPc	18 46.97	-0.8
			eS	19 03.12	
PWA	1.29	17	eP	18 47.82	0.0
PLRM	1.39	32	ePd	18 48.74	-0.6
PMR	1.39	32	P	18 48.50	-0.8
			S	19 03.56	
LTI	1.46	104	eP	18 48.73	-1.7
KNK	1.47	47	iPc	18 49.92	-0.6
			eS	19 07.95	
MTU	1.58	105	eP	18 52.17	0.2
GHO	1.60	32	ePd	18 51.82	-0.5
SKT	1.61	346	iPd	18 52.51	0.0
			eS	19 13.56	
AUE	1.73	233	eP	18 53.92	-0.2
AUP	1.75	233	eP	18 54.56	0.1
AUI	1.77	233	eP	18 54.40	-0.3
SML	1.79	39	ePd	18 54.57	-0.5
GLI	1.82	74	eP	18 53.55	-2.0
PDB	1.87	251	ePc	18 55.95	-0.2
CUT	1.99	6	eP	18 56.93	-1.0
VZW	2.12	71	eP	18 58.49	-1.4
SVW	2.52	288	eP	19 04.33	-1.1
KLU	2.56	63	ePc	19 04.45	-1.6
SGAM	2.71	86	ePc	19 05.00	-3.2
TOA	2.75	50	eP	19 09.55	0.8
TRF	3.04	3	eP	19 12.54	-0.5
RND	3.11	15	P	19 14.02	0.1
KTH	3.14	358	eP	19 14.44	0.1
GLB	3.50	70	iPc	19 17.14	-2.4
TTA	3.57	317	P	19 19.40	-1.0
BALM	4.14	78	P	19 24.88	-3.6

48 obs. associated

% FEB 07, 1992 22h 20m 02.82± 0.62s
42.696 N ± 4.6km 11.958 E ± 6.2km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

MNS	0.62	120	P	20 15.00	-0.3
			eSg	20 25.70	
ASS	0.64	54	P	20 15.00	-0.7
			eSg	20 23.40	
MAO	0.66	245	P	20 15.60	-0.3
			eSg	20 26.40	
CRE	0.93	360	P	20 20.70	0.0
			eSg	20 34.00	
RMP	1.04	148	P	20 22.00	-0.5
ARV	1.08	42	P	20 23.00	-0.1
			eSg	20 38.60	
RDP	1.09	149	P	20 25.00	1.6
AOU	1.12	107	P	20 25.40	1.5
PGD	1.19	352	P	20 25.50	0.4
			eSn	20 41.90	
SFI	1.23	356	Pd	20 25.90	0.3
			eSg	20 43.50	
AZI	1.30	122	P	20 26.50	-0.4
SDI	1.70	125	P	20 31.30	-1.4

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

FEB 07, 1992 22h 34m 08.76± 1.04s
7.713 N ± 5.2km 121.959 E ± 5.3km
DEPTH = 38.9 ± 9.9 km
5.0mb (24 obs.) 4.4Msz (3 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

DAV	3.64	100	ePc	35 05.00	0.9
TSM	5.30	230	iPc	35 26.90	-0.6
	0.7s		234.80nm		5.7mb
KKM	5.94	254	iPc	35 36.80	0.1
			eS	36 39.00	
BAG	8.75	351	eP	36 15.50	-0.5
PCI	8.82	194	ePd	36 23.30	6.5X
			e(S)	36 40.30	
			e	39 04.00	
IPM	21.04	263	ePc	38 53.70	1.8
	1.0s		42.90nm		4.8mb
KLI	21.15	234	eP	38 59.00	6.1X
SNG	21.17	270	eP	38 49.50	-3.6X
			eS	42 48.00	
LOE	21.95	298	eP	39 04.00	3.0X
GUMO	23.25	74	eP	39 15.00	1.3
KNA	24.27	164	eP	39 23.20	-0.4
BDT	24.31	295	eP	39 21.50	-2.5
CHG	24.94	299	eP	39 31.00	0.9
	1.0s		10.00nm		4.3mb
CHTO	24.94	299	iP	39 30.80	0.7
	1.0s		9.50nm		4.3mb
			pP	39 41.10	38kmX
KMI	25.23	316	Pd	39 36.00	2.9X
	1.5s		50.00nm		4.9mb
Z	20s		1.20um		4.4Msz
			pP	39 43.50	27kmX
			eS	44 10.00	
WRA	30.06	156	P	40 09.10	-7.7X
	1.5s		0.60nm		3.1mb X
WB2	30.07	156	eP	40 14.70	-2.2
	0.7s		19.90nm		5.0mb
BJI	32.60	352	eP	40 37.50	-1.3
	1.5s		40.00nm		5.1mb
Z	18s		0.59um		4.3Msz
LZH	32.74	332	eP	40 40.00	-0.3
	2.0s		39.00nm		4.9mb
Z	19s		0.99um		4.5Msz
E	13s		0.61um		
			sP	41 01.50	
			PP	41 57.50	
			eS	46 04.00	
			eSS	48 20.00	
ASPA	33.30	160	eP	40 43.40	-1.7
	0.7s		12.70nm		4.9mb
SHL	33.71	305	iP	40 48.50	-0.4
	1.0s		20.00nm		5.0mb
			eS	46 16.00	
FORR	38.79	172	eP	41 31.00	-0.6
	0.4s		3.00nm		4.5mb
GUN	39.56	305	P	41 39.80	1.3
PKI	39.81	304	Pc	41 41.20	0.6
	0.8s		26.00nm		5.1mb
KKN	40.00	305	Pc	41 42.60	0.6
	0.9s		61.00nm		5.4mb
DMN	40.08	304	Pc	41 43.40	0.7
	1.0s		59.00nm		5.3mb
GKN	40.61	305	Pc	41 47.60	0.7
	0.8s		40.00nm		5.2mb
RMQ	42.80	144	eP	42 04.00	-0.7
HYB	43.36	287	eP	42 10.50	1.1
STK	43.61	156	iPc	42 23.50	12.4X
	0.7s		14.50nm		
			e	44 03.20	
ADE	45.30	161	eP	42 25.00	0.2
BRS	45.91	141	iPd	42 29.00	-0.7
	1.0s		5.00nm		4.4mb
IRK	46.72	345	eP	42 34.70	-1.1
			e	43 04.50	
NDI	46.99	302	iPc	42 37.00	-1.2
ARMA	47.41	144	iPd	42 42.70	1.1
POO	47.93	288	iPd	42 45.80	0.0
BFD	48.64	158	eP	42 52.00	1.1
BWA	48.82	151	eP	42 53.80	1.4
CAN	49.82	151	iPc	43 00.50	0.4
TOO	50.13	156	iPd	43 03.00	0.6
	0.7s		25.00nm		5.3mb
DZM	52.69	125	iPc	43 21.00	-1.1
YAK	54.50	4	iPc	43 33.10	-1.5
	1.1s		60.00nm		5.5mb
MAIO	63.34	307	iPc	44 37.00	0.4
TTA	79.55	27	ePc	46 13.40	0.3
SVW	79.63	29	ePc	46 14.20	0.7
BRW	79.95	19	ePc	46 16.10	1.1
IMA	80.71	24	ePc	46 20.10	0.8
	0.7s		13.40nm		5.0mb
KDC	81.15	33	ePc	46 21.60	0.1
PMR	82.76	29	ePc	46 29.60	-0.2
	0.9s		22.30nm		5.2mb
TOA	84.12	28	ePc	46 38.10	1.2
KAF	85.88	332	iP	46 45.50	-0.1

```
        0.5s      3.40nm          4.8mb
INK     88.20  21 ePc    46 56.10  -0.7
MBC     89.11  12 eP     47 01.00   0.0
        0.9s     10.00nm          5.1mb
HFS     92.29 332 eP     47 14.20  -1.8
        0.5s      2.20nm          4.8mb
YKA     97.79  23 eP     47 39.90  -1.2
        0.6s      2.00nm          4.8mb
KIC    125.03 283 PKP    53 07.20  -0.4
ZOBO   166.97 132 PKP    54 14.00   1.0
      S.D. = 1.1  on  50 of  57 obs.
-----------------------------------
%  FEB  07, 1992  22h 41m 12.73± 0.68s
   42.916 N ± 5.5km   12.826 E ± 9.8km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                    (381)

ASS      0.20 322 Pd     41 17.10   0.0
                  eSg    41 20.10
MNS      0.54 191 P      41 23.40  -0.3
                  eSg    41 32.30
ARV      0.59   8 P      41 24.30  -0.4
                  eSg    41 33.70
AQU      0.71 143 P      41 27.00   0.3
                  eSg    41 38.20
CRE      0.96 318 P      41 30.80  -0.2
SFI      1.23 325 P      41 35.50  -0.1
PGD      1.25 320 P      41 36.70   0.6
                  eSn    41 53.50
      S.D. = 0.4  on   7 of   7 obs.
-----------------------------------
?  FEB  07, 1992  22h 48m 52.20± 5.59s
   35.927 N ±43.8km   13.615 E ±17.0km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL MEDITERRANEAN SEA        (400)

FAI      1.35   2 P      49 17.10   0.1
MEU      1.58  42 P      49 19.80  -0.6
MCT      1.70   0 P      49 22.00  -0.2
                  eSn    49 46.00
CVT      1.87 340 P      49 25.20   0.7
GIB      2.09   9 P      49 28.30   0.6
                  eSn    49 52.30
MNO      2.18  23 P      49 29.60   0.4
ATN      2.68  33 P      49 36.00  -0.1
USI      2.80 353 P      49 36.40  -1.4
SOI      2.90  42 P      49 39.60   0.4
      S.D. = 0.8  on   9 of   9 obs.
-----------------------------------
%  FEB  07, 1992  22h 56m 57.08± 0.74s
   42.658 N ± 5.9km   12.042 E ± 5.9km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                    (381)

MNS      0.55 120 P      57 07.90  -0.2
                  eSg    57 17.30
ASS      0.61  48 P      57 09.60   0.1
                  eSg    57 19.10
MAO      0.70 250 P      57 11.10   0.2
                  eSg    57 21.00
CRE      0.97 356 P      57 15.60   0.0
                  eSg    57 30.00
ARV      1.07  38 Pd     57 17.60   0.4
                  eSg    57 33.80
PGD      1.24 349 P      57 19.80  -0.4
                  eSg    57 38.50
SFI      1.27 354 P      57 20.60   0.0
      S.D. = 0.3  on   7 of   7 obs.
-----------------------------------
%  FEB  07, 1992  22h 59m 38.69± 1.27s
   42.774 N ± 8.2km   12.154 E ±10.5km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                    (381)

ASS      0.48  51 P      59 48.00  -0.4
                  eSg    59 58.50
MNS      0.55 135 P      59 49.80   0.0
                  eSg    59 57.60
CRE      0.87 350 P      59 55.40   0.0
ARV      0.93  38 P      59 56.90   0.5
PGD      1.15 344 P      00 00.30   0.1
SFI      1.17 349 P      00 00.30  -0.2
                  eSg    00 18.50
      S.D. = 0.4  on   6 of   6 obs.
-----------------------------------
   FEB  07, 1992  23h 17m 52.08± 0.33s
   42.704 N ± 3.6km   11.936 E ± 3.0km
   DEPTH =   5.9 ±  2.4 km
   3.7mb (  1 obs.)
 CENTRAL ITALY                    (381)
      MD 3.9 (TRI). 3.5 (ROM)  ML 3.5
      (VIE).

MNS      0.64 120 P      18 04.60  -0.2
                  eSg    18 14.90
MAO      0.65 244 P      18 05.80   0.8
                  eSg    18 18.00
ASS      0.65  55 P      18 05.20   0.2
                  eSg    18 15.10
CRE      0.92   1 P      18 10.80   0.6
                  eSg    18 25.40
RMP      1.06 147 Pd     18 12.90   0.5
                  eSn    18 29.00
ARV      1.08  43 P      18 13.20   0.4
                  eSg    18 29.70
RDP      1.11 148 P      18 13.60   0.3
                  eSg    18 29.50
AQU      1.14 107 P      18 14.00   0.2
PGD      1.18 352 P      18 15.50   0.9
                  eSg    18 33.70
FIR      1.18 335 ePg    18 02.50 -12.0X
                  iSg    18 28.00
SFI      1.22 357 P      18 15.30   0.2
                  eSg    18 33.70
AZI      1.32 122 P      18 17.80   0.9
PII      1.45 315 Pd     18 21.30   2.5
BDI      1.67 325 P      18 22.40   0.3
                  eSg    18 44.00
SDI      1.72 125 P      18 23.50   0.8
MME      1.74 329 P      18 25.10   1.9
DUI      2.15 118 P      18 29.00   0.0
PGF      2.17 267 Pn     18 29.00  -0.4
                  Sn     18 53.10
BOB      2.74 320 P      18 38.30   0.8
PCP      3.07 308 P      18 42.66   0.6
FIN      3.10 300 P      18 43.89   1.4
CKI      3.17 304 P      18 43.40   0.0
RIY      3.18  33 e(Pn)  18 42.60  -0.9
                  iSn    19 20.90
IMI      3.19 294 P      18 42.25  -1.6
TRI      3.28  23 P      18 43.70  -1.3
VVI      3.30   6 P      18 45.30   0.0
SGO      3.31 129 P      18 44.40  -1.1
HVAR     3.35  80 iPn    18 47.80   1.8
CTI      3.35 357 P      18 45.90  -0.2
                  eSn    19 23.30
ROB      3.36 300 P      18 45.94  -0.3
MDI      3.46 333 P      18 47.60   0.0
SBF      3.48 291 Pn     18 47.00  -1.0
                  Sn     19 25.30
CEY      3.52  30 ePn    18 48.00  -0.5
                  eSn    19 29.00
VOY      3.61  22 ePn    18 48.50  -1.3
                  eSn    19 34.10
ENR      3.62 296 P      18 49.12  -0.9
VBY      3.68  39 eP     19 02.60  11.9X
                  e(Sn)  19 36.00
STV      3.69 296 P      18 51.17   0.2
LJU      3.82  28 ePn    18 52.50  -0.3
                  eSn    19 37.80
FVI      3.94   9 P      18 54.10  -0.2
PZZ      3.95 299 P      18 54.45  -0.2
FRF      3.96 284 Pn     18 53.30  -1.5
BHB      4.00 304 P      18 58.04   2.7
LMR      4.03 281 Pn     18 53.80  -1.8
                  Sn     19 39.20
ORO      4.08 317 P      18 56.60   0.2
ORX      4.08 317 P      18 56.70   0.2
LRG      4.15 282 Pn     18 56.20  -1.2
RSP      4.17 307 P      18 57.33  -0.5
OGA      4.21 351 ePn    19 00.80   2.4
ZAG      4.26  42 eP     19 08.70   9.8X
PTJ      4.31  41 e(P)   19 08.60   8.9X
RRL      4.34 302 P      18 59.49  -0.8
LSD      4.41 310 P      19 05.16   3.9X
KBA      4.49  12 iPnd   19 01.90  -0.4
                  i      19 13.80
                  iSn    19 54.20
                  i      19 56.40
                  i      20 29.20
LPG      4.66 309 Pn     19 07.40   2.4
LPL      4.68 309 Pn     19 07.50   2.3
BHG      5.06   7 ePn    19 15.50   5.2X
BSF      6.28 326 Pn     19 26.00  -1.6
                  Sn     20 34.00
KHC      6.53  10 Pn     19 29.50  -1.6
                  e      19 33.00
                  e      19 48.00
                  Sg     20 42.50
CDF      6.58 332 Pn     19 31.00  -0.8
HAU      6.60 325 Pn     19 31.60  -0.5
                  Sn     20 41.70
OHR      6.80 101 eP     19 40.50   5.6X
SMF      6.99 307 Pn     19 37.40  -0.1
GRF      7.01 356 e(Pg)  19 49.00  11.3X
AVF      7.35 307 Pn     19 42.60   0.1
BGF      7.54 304 Pn     19 44.20  -1.0
YKA     66.75 336 eP     28 44.60  -1.3
        0.6s      0.30nm          3.7mb
      S.D. = 1.1  on  58 of  66 obs.
-----------------------------------
%  FEB  07, 1992  23h 31m 36.18± 0.44s
   42.693 N ± 3.9km   11.924 E ± 4.1km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                    (381)

MAO      0.63 244 P      31 49.50   0.6
                  eSg    32 00.60
MNS      0.64 119 P      31 48.40  -0.6
ASS      0.66  55 P      31 50.10   0.7
                  eSg    31 58.30
CRE      0.94   1 P      31 53.30  -0.8
                  eSg    32 07.40
RMP      1.05 146 P      31 56.00   0.0
ARV      1.10  42 P      31 56.50  -0.3
AQU      1.14 107 P      31 58.70   1.1
PGD      1.19 353 P      31 58.70   0.2
SFI      1.23 358 Pd     31 59.10   0.1
                  eSg    32 16.40
AZI      1.32 122 P      32 00.00  -0.6
SDI      1.72 124 P      32 06.20  -0.1
MME      1.75 330 P      32 07.10   0.2
PGF      2.16 267 Pn     32 12.40  -0.5
      S.D. = 0.6  on  13 of  13 obs.
-----------------------------------
   FEB  07, 1992  23h 37m 15.87± 0.43s
   42.696 N ± 4.4km   11.996 E ± 4.8km
   DEPTH =  19.7 ±  6.9 km
 CENTRAL ITALY                    (381)
      MD 2.9 (FIR).

MNS      0.59 121 P      37 27.10  -0.4
                  eSg    37 36.40
ASS      0.62  52 P      37 27.70  -0.2
                  eSg    37 37.40
MAO      0.68 246 P      37 28.80  -0.2
                  eSg    37 40.10
CRE      0.93 358 P      37 33.50   0.2
                  eSg    37 48.60
RMP      1.03 149 P      37 35.40   0.5
ARV      1.06  41 P      37 35.70   0.3
                  eSg    37 52.40
RDP      1.08 150 Pd     37 36.30   0.5
AQU      1.09 108 P      37 37.40   1.4
PGD      1.20 350 P      37 38.20   0.5
                  eSg    37 55.50
FIR      1.21 334 e(Pg)  37 40.00   2.3
                  i(Sg)  37 55.00
SFI      1.23 355 Pd     37 38.50   0.6
                  eSg    37 56.00
AZI      1.28 123 P      37 38.50  -0.2
                  eSn    37 56.50
SDI      1.68 126 P      37 43.90  -0.5
BDI      1.70 324 P      37 44.80  -0.1
PGF      2.22 267 Pn     37 51.90  -0.4
TRI      3.27  22 P      38 05.60  -1.5
CTI      3.36 356 P      38 08.60   0.1
FVI      3.94   8 P      38 16.00  -0.5
      S.D. = 0.9  on  18 of  18 obs.
-----------------------------------
   FEB  07, 1992  23h 43m 57.96± 0.36s
   42.691 N ± 3.6km   11.921 E ± 3.2km
   DEPTH =   7.6 ±  2.7 km
 CENTRAL ITALY                    (381)
      MD 3.5 (LJU), 3.1 (FIR).

MAO      0.63 244 P      44 11.30   0.7
                  eSg    44 22.30
MNS      0.64 118 P      44 10.00  -0.8
                  eSg    44 20.00
ASS      0.66  55 P      44 10.90  -0.4
```

			eSg	44 20.50	
CRE	0.94	1	P	44 16.40	0.3
			eSg	44 29.70	
RMP	1.05	146	P	44 19.00	0.9
ARV	1.10	42	Pd	44 18.70	-0.2
			eSg	44 35.20	
RDP	1.10	147	P	44 19.00	0.1
			eSg	44 36.00	
AOU	1.15	107	P	44 19.90	0.2
			eSg	44 37.30	
FIR	1.19	336	e(Pg)	44 22.00	1.7
			i(Sg)	44 35.00	
PGD	1.19	353	P	44 21.00	0.5
			eSg	44 39.00	
SFI	1.23	358	Pd	44 21.40	0.4
			eSg	44 39.40	
AZI	1.32	122	P	44 23.30	0.7
PII	1.45	316	P	44 26.40	1.9
BDI	1.68	325	Pd	44 28.10	0.3
SDI	1.72	124	P	44 28.90	0.5
MME	1.75	330	P	44 30.20	1.2
PGF	2.16	267	Pn	44 34.70	-0.2
			Sn	45 00.80	
BOB	2.74	320	P	44 42.90	-0.3
TRI	3.30	23	eP	44 49.20	-1.7
			e	45 28.30	
CTI	3.36	357	P	44 51.40	-0.6
SBF	3.48	291	Pn	44 52.30	-1.3
			Sn	45 33.60	
CEY	3.54	30	e(Pn)	44 53.50	-0.9
			eSn	45 35.00	
VOY	3.63	22	e(Pn)	44 54.80	-0.9
			eSn	45 37.70	
VBY	3.70	39	eP	45 11.90	15.2X
LJU	3.84	28	e(Pn)	44 58.50	-0.2
			eSn	45 40.00	
FVI	3.95	9	P	45 00.10	0.0
FRF	3.96	284	Pn	44 58.90	-1.4
LMR	4.02	281	Pn	44 59.40	-1.8
LRG	4.14	282	Pn	45 01.80	-1.1
PTJ	4.32	41	e(Pn)	45 15.90	10.3X
KBA	4.50	12	ePn	45 09.00	0.8
			i(Sn)	46 01.60	
LPG	4.66	309	Pn	45 11.40	0.8
LPL	4.68	309	Pn	45 11.60	0.7

S.D. = 1.0 on 31 of 33 obs.

FEB 07, 1992 23h 47m 15.30± 1.33s
45.298 N ±10.2km 150.208 E ± 8.0km
DEPTH = 38.9 ± 12.4 km
4.7mb (27 obs.) 4.3Msz (3 obs.)
KURIL ISLANDS (221)

KUSJ	4.52	243	eP	48 23.10	0.0
			eS	49 13.40	
ASAJ	5.52	260	eP	48 42.20	5.0X
HOOJ	5.79	242	P	48 43.20	2.2
			eS	49 48.70	
OFUJ	8.87	229	P	49 21.40	-2.6
			eS	50 54.70	
YAK	20.53	332	eP	51 51.40	-1.1
	0.9s		112.00nm		5.2mb
BJI	25.45	270	eP	52 42.00	1.0
LZH	35.91	272	Pc	54 14.00	0.2
	1.5s		34.00nm		5.1mb
FBA	38.55	37	eP	54 36.00	0.5
	0.9s		0.50nm		3.3mb X
INK	43.95	31	eP	55 20.00	0.3
CHTO	49.80	255	iPc	56 06.80	0.5
	1.0s		5.25nm		4.5mb
			pP	56 24.70	71kmX
GUN	53.10	274	P	56 32.00	0.5
YKA	53.29	35	eP	56 31.20	-0.8
	0.6s		1.90nm		4.3mb
KKN	53.59	274	P	56 35.00	0.0
PKI	53.63	274	P	56 35.40	0.0
DMN	53.82	274	P	56 37.20	0.5
GKN	53.92	275	P	56 37.60	0.3
NEW	59.67	51	eP	57 18.00	0.2
	1.0s		3.50nm		4.4mb
QUE	64.78	288	eP	57 51.60	-0.7
HYB	64.99	270	eP	57 52.00	-1.6
TNP	65.79	60	eP	57 59.30	0.5
	0.7s		1.11nm		4.0mb
WRA	66.52	196	P	58 03.20	0.0
	0.6s		1.20nm		4.1mb
KHC	78.63	333	P	59 14.30	-0.1
GEC2	78.84	332	Pc	59 14.70	-0.9
	0.5s		1.78nm		4.3mb
GRF	78.88	334	eP	59 16.00	0.2
FLN	82.88	341	eP	59 36.30	-0.5
	0.8s		6.70nm		4.8mb
	Z 20s		0.13um		4.3Msz
LDF	82.96	341	eP	59 36.70	-0.5
	0.8s		5.35nm		4.7mb
LOR	83.19	338	eP	59 38.00	-0.5
	0.6s		4.50nm		4.7mb
	Z 20s		0.13um		4.3Msz
GRR	83.32	341	eP	59 39.00	-0.1
	0.7s		11.00nm		5.1mb
LBF	83.42	337	eP	59 39.10	-0.6
	0.8s		5.35nm		4.7mb
SSF	83.47	338	eP	59 39.50	-0.4
	0.6s		3.60nm		4.6mb
LPF	83.70	341	eP	59 41.10	0.1
	0.8s		6.70nm		4.8mb
SMF	83.77	337	eP	59 41.20	-0.2
	0.7s		4.40nm		4.7mb
LPL	83.98	335	eP	59 43.00	0.2
	0.8s		5.35nm		4.7mb
LPG	83.99	335	eP	59 43.10	0.2
	0.8s		5.35nm		4.7mb
BGF	84.11	338	eP	59 43.60	0.4
	0.7s		5.50nm		4.8mb
MAF	84.50	338	eP	59 45.50	0.4
	0.8s		8.05nm		4.9mb
TCF	84.53	338	eP	59 45.30	0.0
	1.0s		6.00nm		4.7mb
LSF	84.74	339	eP	59 46.50	0.2
	0.8s		6.70nm		4.9mb
MFF	84.83	340	eP	59 46.90	0.2
	0.6s		3.60nm		4.7mb
RJF	85.62	338	eP	59 51.30	0.5
	0.7s		4.40nm		4.8mb
	Z 20s		0.15um		4.4Msz
CAF	85.83	338	eP	59 52.40	0.5
	0.7s		6.05nm		4.9mb
LFF	86.16	339	eP	59 54.10	0.7
	0.6s		5.40nm		5.0mb
LPO	86.29	338	eP	59 54.60	0.5
	0.5s		2.90nm		4.8mb

S.D. = 0.8 on 42 of 43 obs.

FEB 08, 1992 00h 18m 02.87± 0.83s
19.151 N ±10.5km 64.790 W ± 3.5km
DEPTH = 10.0km (geophysicist)
3.7mb (1 obs.)
VIRGIN ISLANDS (91)
ML 4.3 (FDF). MD 4.1 (TRN).

LPR	1.32	231	P	18 27.00	-0.3
CPD	1.54	224	P	18 29.80	-0.6
SJG	1.65	231	iP	18 31.80	-0.3
APR	1.96	250	P	18 37.90	1.4
CLLP	2.00	238	P	18 37.10	0.0
PORP	2.06	238	P	18 38.00	0.0
MEP	2.31	245	P	18 42.10	0.6
			S	19 06.40	
MGP	2.46	243	P	18 44.00	0.3
BSK	2.58	134	eP	18 45.99	0.6
SKI	2.66	133	eP	18 46.67	0.1
NEV	2.91	133	eP	18 52.40	2.3
			S	19 24.80	
MGH	3.44	134	eP	18 57.57	-0.1
ANG	3.44	125	eP	18 58.06	0.4
			eS	19 38.00	
MBET	3.46	133	eP	18 57.95	0.0
BPA	3.49	126	eP	18 58.00	-0.3
			S	19 31.60	
SEG	4.16	131	eP	19 07.73	0.0
			S	19 52.00	
PAG	4.29	136	eP	19 08.58	-1.2
			S	19 53.70	
DEG	4.54	128	eP	19 12.38	-0.9
MGG	4.62	134	eP	19 14.14	-0.2
SDV	11.67	210	eP	20 51.70	-1.0
YKA	55.11	334	eP	27 36.50	-0.7
	0.8s		0.60nm		3.7mb

S.D. = 0.8 on 21 of 21 obs.

FEB 08, 1992 00h 33m 45.80± 0.34s
42.691 N ± 3.0km 11.960 E ± 3.6km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)
MD 3.0 (FIR).

MNS	0.61	120	P	33 57.70	-0.5
			eSg	34 07.50	
ASS	0.64	53	P	33 58.10	-0.6
			eSg	34 07.80	
MAO	0.66	246	P	33 58.90	0.0
			eSg	34 08.50	
CRE	0.94	360	P	34 03.70	0.0
			eSg	34 19.30	
RMP	1.04	148	P	34 05.20	-0.2
			eSg	34 21.40	
ARV	1.08	41	P	34 06.10	0.0
			eSg	34 22.70	
RDP	1.09	149	P	34 06.90	0.6
AOU	1.12	107	P	34 07.40	0.6
PGD	1.20	352	P	34 08.50	0.3
			eSn	34 26.50	
FIR	1.20	335	ePg	34 08.00	-0.2
			i(Sg)	34 24.00	
SFI	1.23	356	Pd	34 08.90	0.2
			eSn	34 26.40	
AZI	1.30	122	P	34 09.70	-0.1
BDI	1.69	325	P	34 16.10	0.5
SDI	1.69	125	P	34 16.10	0.5
MME	1.76	329	P	34 17.90	1.2
PGF	2.19	267	Pn	34 21.70	-1.2
TRI	3.28	23	P	34 37.40	-0.9
CTI	3.36	356	P	34 39.40	-0.1
VBY	3.68	39	ePn	35 07.60	23.7X
FVI	3.95	8	P	34 47.70	0.1
PTJ	4.30	40	eP	35 02.40	9.5X
KBA	4.50	12	eP	35 03.00	7.4X
			i(Sn)	35 49.10	

S.D. = 0.6 on 19 of 22 obs.

FEB 08, 1992 01h 10m 09.06± 0.44s
42.697 N ± 3.7km 11.956 E ± 4.5km
DEPTH = 13.5 ± 3.9 km
CENTRAL ITALY (381)
MD 2.9 (FIR).

MNS	0.62	120	P	10 21.00	-0.2
			iSg	10 31.00	
ASS	0.64	54	P	10 21.50	-0.1
			eSg	10 31.00	
MAO	0.66	245	P	10 21.60	-0.2
			eSg	10 32.60	
CRE	0.93	360	P	10 26.70	0.1
			eSg	10 41.10	
RMP	1.04	148	P	10 28.20	-0.2
			eSg	10 45.00	
ARV	1.08	42	P	10 29.10	0.1
			eSg	10 44.50	
RDP	1.09	149	P	10 30.00	0.7
			eSg	10 45.20	
AQU	1.12	107	P	10 31.00	1.2
PGD	1.19	352	P	10 31.60	0.6
			eSg	10 49.00	
FIR	1.20	335	e(Pg)	10 32.00	1.0
			iSg	10 48.00	
SFI	1.23	356	P	10 31.60	0.1
			eSg	10 49.20	
AZI	1.31	122	P	10 33.50	0.7
BDI	1.69	324	P	10 38.80	0.5
SDI	1.70	125	P	10 38.30	-0.2
FVI	3.94	8	P	11 10.10	-0.3

S.D. = 0.5 on 15 of 15 obs.

? FEB 08, 1992 01h 19m 58.29± 4.29s
43.053 N ±34.9km 12.223 E ±18.6km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

ASS	0.32	87	P	20 05.00	0.0
			eSg	20 14.40	
CRE	0.61	341	Pd	20 10.70	0.1
			eSg	20 24.10	
ARV	0.69	49	P	20 11.90	0.0
PGD	0.90	336	P	20 15.50	-0.1
SFI	0.91	343	P	20 15.70	0.1
			eSg	20 30.70	

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

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* FEB 08, 1992 01h 48m 17.34± 1.72s
29.898 N ±14.8km 95.162 E ±18.2km
DEPTH = 33.0km (normal)

4.3mb (5 obs.)
EASTERN XIJANG-INDIA BORDER REG.(313)

SHL	5.20	215	eP	49	35.00	-0.1
			eS	50	29.00	
KMI	8.24	123	Pc	50	36.00	18.3X
	1.3s	40.00nm				
			pP	50	44.50	
			S	52	21.00	
GUN	8.37	259	P	50	20.40	0.7
PKI	8.87	257	P	50	27.60	1.1
KKN	8.92	259	P	50	26.40	-0.7
DMN	9.12	258	P	50	29.60	-0.3
GKN	9.41	261	P	50	33.00	-0.9
NB2	61.46	327	P	58	32.40	-0.3
	0.5s	1.20nm			4.3mb	
WRA	62.28	138	P	58	32.00	-6.7X
	0.4s	1.40nm			4.4mb	
WB2	62.29	138	eP	58	32.00	-6.7X
	0.4s	2.30nm			4.7mb	
GEC2	62.77	313	Pd	58	42.10	0.4
	0.6s	1.26nm			4.2mb	
YKA	84.88	13	eP	00	47.20	-2.5X
	0.6s	0.40nm			3.8mb	

S.D. = 0.8 on 8 of 12 obs.

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* FEB 08, 1992 02h 15m 49.56± 1.86s
42.857 N ± 7.3km 145.746 E ±15.4km
DEPTH = 38.4 ± 15.8 km
4.3mb (8 obs.)
HOKKAIDO, JAPAN REGION (224)

KUSJ	0.80	288	iPd	16	03.60	-0.8
			S	16	11.20	
HOOJ	1.88	256	P	16	21.40	1.6
			eS	16	42.10	
ASAJ	2.59	300	iPd	16	31.00	1.1
MRRJ	3.48	264	eP	16	42.70	0.2
			eS	17	21.90	
OFUJ	4.87	221	eP	17	02.00	-0.4
			S	17	54.10	
YAMJ	6.39	225	P	17	23.50	-0.2
NIIJ	7.63	225	eP	17	40.90	-0.1
CHJJ	8.57	220	eP	17	53.20	-0.9
			eS	19	22.30	
MAT	8.57	225	eP	17	53.00	-1.1
MTMJ	8.75	227	eP	18	00.00	3.3X
BJI	22.29	273	eP	20	38.00	-6.8X
CHTO	46.05	254	e(P)	24	12.30	0.9
	0.9s	2.56nm			4.2mb	
INK	47.69	30	eP	24	24.00	0.3
YKA	57.11	33	eP	25	34.30	0.2
	0.7s	0.70nm			3.8mb	
WRA	63.36	192	P	26	19.00	1.9
	0.7s	0.60nm			3.8mb	
FFC	67.03	36	eP	26	41.00	0.5
	0.8s	7.00nm			4.8mb	
UPP	69.15	335	iP	26	52.50	-1.0
NB2	70.06	338	P	26	58.00	-1.2
	0.8s	5.20nm			4.6mb	
HFS	70.11	337	eP	26	58.00	-1.4
	0.5s	4.50nm			4.7mb	
CLL	77.62	332	eP	27	43.00	-0.1
	0.5s	9.00nm			5.1mb	
PRU	78.17	330	eP	27	46.70	0.5
KHC	79.24	330	P	27	52.50	0.4
GEC2	79.43	330	P	27	52.90	-0.3
	0.8s	0.97nm			3.8mb	

S.D. = 1.0 on 21 of 23 obs.

% FEB 08, 1992 02h 41m 45.53± 1.79s
42.695 N ±11.2km 12.020 E ±13.9km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

MNS	0.58	122	P	41	57.30	0.0
			eSg	42	05.10	
ASS	0.60	51	P	41	57.70	0.0
			eSg	42	06.10	
CRE	0.93	357	P	42	04.00	0.6
			eSg	42	16.70	
ARV	1.05	40	P	42	05.30	0.0
			eSg	42	19.50	
PGD	1.20	350	P	42	07.70	-0.3
SFI	1.23	354	P	42	08.20	-0.2
			eSg	42	25.80	

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

FEB 08, 1992 03h 05m 24.08± 0.52s
42.688 N ± 4.0km 11.970 E ± 5.0km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

MNS	0.61	120	P	05	36.30	0.0
ASS	0.64	53	P	05	36.50	-0.4
			eSg	05	46.80	
MAO	0.66	246	Pd	05	37.00	-0.3
			eSg	05	47.10	
CRE	0.94	359	P	05	42.00	-0.1
			eSg	05	54.80	
RMP	1.03	148	P	05	43.60	0.0
ARV	1.08	41	Pd	05	44.20	-0.2
			eSg	05	59.80	
AQU	1.11	107	P	05	45.00	0.0
PGD	1.20	351	P	05	47.00	0.4
			eSg	06	03.00	
SFI	1.24	356	Pc	05	47.10	0.1
			eSg	06	05.00	
SDI	1.69	125	P	05	54.10	0.3

S.D. = 0.3 on 10 of 10 obs.

& FEB 08, 1992 05h 00m 42.92s
61.545 N 153.773 W
DEPTH = 9.6km
SOUTHERN ALASKA (2)
<AEIC>. ML 2.5 (AEIC).

BGL	0.72	112	iPd	00	56.12	-1.1
CKL	0.77	116	iPd	00	57.18	-1.0
NCG	0.79	100	eP	00	57.04	-1.3
			eS	01	08.25	
CRP	0.83	109	iPd	00	58.10	-1.0
			eS	01	09.58	
CKN	0.83	112	iPd	00	58.41	-0.6
			eS	01	10.15	
SPU	0.90	113	iPd	00	59.39	-0.9
			iS	01	12.20	
SVW	0.99	245	P	00	59.74	-2.1
			S	01	12.97	
DFR	1.09	151	ePd	01	02.83	-0.7
SKT	1.15	67	iPc	01	03.23	-1.3
			iS	01	19.28	
RDT	1.18	145	iPd	01	04.31	-0.7
			eS	01	19.95	
REF	1.18	153	ePd	01	04.46	-0.7
			eS	01	20.92	
RS2	1.19	155	ePd	01	04.82	-0.5
			eS	01	20.79	
RSO	1.19	155	ePd	01	04.84	-0.5
			S	01	21.60	
RS1	1.20	155	ePd	01	04.89	-0.5
			eS	01	21.65	
RED	1.23	156	iPd	01	05.29	-0.6
			eS	01	22.42	
SUA	1.46	92	eP	01	09.04	-0.4
INW	1.52	168	eP	01	10.19	-0.1
INE	1.53	167	eP	01	10.36	-0.1
			S	01	31.29	
TTA	1.74	324	P	01	11.91	-1.6
			S	01	34.10	
PDB	1.78	187	eP	01	13.66	-0.2
PWA	1.86	85	eP	01	15.84	0.7
CUT	1.87	61	eP	01	14.40	-0.8
NNL	1.94	140	eP	01	17.91	1.7
SLKM	2.02	119	eP	01	18.31	0.8
PMS	2.05	97	eP	01	19.32	1.4
AUP	2.20	175	eP	01	19.31	-0.8
PLRM	2.22	87	eP	01	20.79	0.4
PMR	2.22	87	P	01	19.50	-0.8
			S	01	50.72	
BGM	2.28	199	eP	01	20.76	-0.5
BRLK	2.28	140	eP	01	21.30	0.0
GHO	2.32	82	eP	01	22.99	1.0
CNPM	2.38	147	eP	01	22.38	-0.3
MCNL	2.38	187	eP	01	22.06	-0.6
KTH	2.41	32	eP	01	23.37	0.2
TRF	2.51	39	eP	01	24.12	-0.4
KNK	2.55	91	eP	01	26.65	1.5
SEW	2.56	122	eP	01	26.40	1.2
SML	2.61	82	eP	01	26.97	1.1
RND	2.95	49	eP	01	31.22	0.4
GLI	3.30	99	eP	01	35.20	-0.5
FBA	4.32	36	(P)	01	47.55	-2.6
			S	02	55.96	

41 obs. associated

% FEB 08, 1992 05h 40m 42.86± 1.64s
17.335 N ± 9.7km 95.354 W ±18.5km
DEPTH = 33.0km (normal)
OAXACA, MEXICO (60)

PBJ	0.89	183	iP	40	59.00	-0.1
			iS	41	11.00	
OXX	1.33	259	iP	41	06.00	0.5
			iS	41	23.50	
IISM	2.53	311	iP	41	23.00	0.5
			iS	41	54.00	
LVVM	2.61	337	eP	41	23.50	-0.1
			iS	41	56.00	
IIT	3.27	301	(P)	41	36.00	2.7X
III	4.05	285	eP	41	43.50	-0.9

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

FEB 08, 1992 06h 50m 18.76± 0.46s
42.693 N ± 3.8km 11.972 E ± 4.7km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

MNS	0.61	120	P	50	30.80	-0.2
			eSg	50	39.80	
ASS	0.63	53	P	50	30.90	-0.6
			eSg	50	38.30	
MAO	0.67	246	P	50	32.10	0.1
			eSg	50	42.10	
CRE	0.94	359	P	50	36.60	-0.1
			eSg	50	48.10	
RMP	1.03	148	P	50	38.00	-0.3
ARV	1.07	41	P	50	38.90	-0.1
			eSg	50	53.30	
RDP	1.09	149	P	50	39.00	-0.2
AQU	1.11	107	P	50	41.40	1.8
PGD	1.20	351	P	50	41.30	0.1
SFI	1.23	356	Pd	50	41.60	0.0
			eSg	50	58.50	
AZI	1.29	122	P	50	42.50	-0.2
PII	1.48	315	P	50	45.50	0.2
SDI	1.69	125	P	50	48.10	-0.4
			eSn	51	09.00	
VBY	3.67	39	e(Pn)	51	30.00	13.2X
KBA	4.49	12	eP	51	36.00	7.5X
			iSn	52	20.80	

S.D. = 0.6 on 13 of 15 obs.

% FEB 08, 1992 07h 45m 16.54± 1.15s
40.104 S ± 5.6km 173.486 E ± 6.9km
DEPTH = 229.0 ± 12.2 km
COOK STRAIT, NEW ZEALAND (163)

DIW	0.77	155	Pd	45	48.00	-0.4
			eS	46	06.60	
NRZ	0.84	24	P	45	48.70	0.0
QRZ	1.03	225	Pc	45	49.50	-0.3
			S	46	10.10	
BSZ	1.15	75	P	45	50.90	0.4
TCW	1.26	152	P	45	51.20	-0.1
KIW	1.33	125	P	45	51.50	-0.3
MRW	1.46	141	Pc	45	52.80	0.0
			S	46	15.40	
CAW	1.57	130	Pc	45	53.70	0.0
MNG	1.61	109	P	45	54.20	0.1
			S	46	17.60	
WDW	1.63	136	Pc	45	54.20	0.0
THZ	1.72	195	P	45	55.10	0.0
			eS	46	20.60	
RUZ	1.73	56	P	45	55.10	-0.1
			eS	46	21.80	
CCW	1.74	162	P	45	55.90	0.8
MTW	1.86	125	P	45	56.30	0.0
MOW	1.88	135	eP	45	56.30	-0.2
MOZ	1.89	33	eP	45	56.50	-0.1
DSZ	2.08	217	Pc	45	58.90	0.5
KHZ	2.31	179	P	46	00.70	0.0
			eS	46	30.00	
LTZ	2.83	198	P	46	06.60	0.3
			eS	46	39.20	
URZ	3.36	58	eP	46	11.90	-0.4
			eS	46	49.90	
MQZ	3.65	190	eP	46	14.90	-0.8
			S	46	55.50	
NOZ	3.83	69	eP	46	18.30	0.5

S.D. = 0.4 on 22 of 22 obs.

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   FEB  08, 1992  08h 22m 34.29± 0.18s
    7.031 N ± 3.4km   78.322 W ± 4.0km
   DEPTH =   33.0km  (normal)
   5.1mb ( 59 obs.)  4.3Msz (  8 obs.)
 PANAMA                              ( 81)
       Felt in parts of Darien and San
       Blas Provinces.
       CENTROID, MOMENT TENSOR     (HRV)
       Data Used: GDSN
       L.P.B.: 18S, 23C
       Centroid Location:
       Origin Time        08:22:34.2 4.7
       Lat  7.14N 0.41 Lon  78.54W 0.10
       Dep  15.0 FIX Half-duration  1.2
       Moment Tensor;    Scale 10**16 Nm
         Mrr= 0.90 0.46  Mtt=-0.99 0.63
         Mff= 0.09 0.96  Mrt= 0.00 0.00
         Mrf= 0.00 0.00  Mtf= 4.07 0.43
        Principal Axes:
         T  Val=  3.66  Plg= 0  Azm=131
         N        0.90      90      180
         P       -4.56       0       41
       Best Double Couple:Mo=4.1*10**16
        NP1:Strike=176 Dip=90 Slip=-180
        NP2:        266     90        0
```

UPA		2.28	328	iPc	23 08.60	-1.8
ECO		2.69	330	iPd	23 14.30	-1.9
DVD		4.32	289	eP	23 39.00	-0.4
FUQ		4.81	109	eP	23 43.00	-3.7X
BOG		4.86	119	eP	23 46.50	-0.9
				eS	24 12.00	
BMG		5.21	89	iPc	24 11.00	18.9X
PSO		5.88	170	eP	24 01.00	-0.9
SDV		7.84	76	iPc	24 25.90	-3.2X
				iS	25 49.50	
CEOS		10.09	78	iP	24 53.70	-6.4X
				eS	26 30.40	
PCJ		10.71	6	iPd	25 07.17	-1.3
YHJ		10.94	9	iPd	25 09.69	-2.0
STH		11.08	7	iPd	25 10.08	-3.5X
BBJ		11.33	5	iPd	25 15.38	-1.7
				S	27 15.41	
OLLA		11.77	75	iP	25 16.30	-6.8X
				eS	26 26.50	
CAR		11.78	72	iP	25 17.80	-5.4X
LLAV		11.88	72	iP	25 18.80	-5.8X
GUAN		12.87	76	iP	25 31.00	-6.8X
				eS	26 30.30	
TPX		15.76	301	(P)	26 25.50	10.0X
NNA		18.95	176	iPc	26 54.20	-1.3
		1.2s	67.19nm			4.7mb
OXX		20.56	301	(P)	27 14.50	1.3
IISM		22.01	304	(P)	27 27.00	-0.6
IIT		22.80	303	(P)	27 40.00	4.3X
PPM		23.08	303	(P)	27 42.50	3.7X
ACX		23.20	297	(P)	27 41.50	2.1
III		23.48	301	(P)	27 45.50	3.2X
ARE		24.30	164	eP	27 51.00	0.6
		1.2s	62.50nm			5.0mb
ZOBO		25.27	157	iPc	27 58.20	-1.8
		1.2s	64.86nm			5.1mb
	Z	18s	1.11um			4.4Msz
				S	32 40.00	
				LR	36 06.00	
LPB		25.50	157	P	28 00.00	-2.0
		1.0s	60.00nm			5.1mb
	Z	20s	1.28um			4.4Msz
				LR	35 44.00	
MRX		25.52	302	(P)	28 04.50	2.8
CCH		27.08	154	Pc	28 15.30	-1.1
PRM		27.18	353	P	28 17.30	0.5
JSC		27.25	355	P	28 17.80	0.4
GBTN		29.01	350	P	28 33.30	0.0
PWLA		29.23	343	P	28 34.20	-1.1
BLA		30.10	357	P	28 43.90	0.7
		1.2s	65.88nm			5.3mb
OLY		30.80	339	P	28 46.90	-2.4
GRT		30.82	342	P	28 48.70	-0.7
ELC		31.71	343	P	28 54.90	-2.3
VVO		32.40	333	e(P)	29 01.90	-1.4
FVM		32.71	342	P	29 05.00	-1.0
		0.3s	117.12nm			6.3mb X
RLO		32.78	335	ePd	29 05.10	-1.5
LNO		32.90	333	ePc	29 06.20	-1.3
TUL		32.90	333	ePc	29 06.40	-1.2
		0.8s	30.30nm			5.2mb
	Z	18s	0.21um			3.9Msz
				LR	35 21.00	
SIO		33.00	333	e(P)	29 07.30	-1.2
MEO		33.33	329	iPd	29 09.00	-2.4
SLA		33.95	159	eP	29 17.00	-0.1
TBR		34.16	6	P	29 21.30	2.8X
ACO		35.12	330	iPc	29 26.30	-0.5
TYNO		35.94	358	P	29 35.52	1.8
STCO		36.04	359	P	29 36.58	2.1
ACTO		36.46	358	P	29 38.35	0.3
WLVO		36.75	360	P	29 41.82	1.4
CYA		37.28	162	iP	29 44.50	-0.6
ALO		37.96	321	P	29 51.70	0.7
PPD		39.18	138	eP	30 01.80	0.7
RTCB		39.37	167	iPc	30 02.80	0.1
ROCH		40.38	170	eP	30 11.00	-0.2
GOL		40.59	327	P	30 13.70	0.8
PEL		40.61	170	iPd	30 12.60	-0.2
SAN		40.91	170	eP	30 15.00	-0.3
PCH		41.10	170	eP	30 17.00	0.1
LNV		41.28	171	iPc	30 18.00	-0.2
CHCH		41.38	170	eP	30 19.50	0.4
CACH		41.57	170	eP	30 21.50	0.7
GLA		42.60	312	P	30 30.70	1.5
RFA		42.60	168	iPc	30 29.70	0.5
SRU		43.13	323	P	30 33.90	0.3
EMUT		43.75	323	P	30 39.30	0.6
MSU		43.77	321	P	30 39.70	0.8
BAR		43.80	311	eP	30 39.00	0.1
TPC		44.01	313	iPd	30 41.00	0.4
PLM		44.25	312	iPd	30 44.00	1.3
DAU		44.39	324	P	30 44.60	0.6
PEC		44.72	312	P	30 47.10	0.7
		0.9s	17.94nm			4.9mb
RVR		44.92	312	eP	30 48.00	0.1
DUG		45.19	322	P	30 50.70	0.6
		0.8s	18.95nm			5.0mb
SSK		45.26	312	P	30 51.90	1.1
SBB		45.57	313	iPd	30 54.00	0.8
HVU		46.14	324	P	30 57.20	-0.5
PTI		46.60	325	P	31 01.30	0.0
TNP		46.82	317	P	31 03.70	0.5
		0.8s	25.81nm			5.3mb
BCH		47.45	312	P	31 09.30	1.2
HPI		47.55	326	P	31 09.20	0.2
PHAM		47.97	313	P	31 12.40	0.4
LRM		48.59	328	iPc	31 16.80	-0.1
ARN		49.46	314	P	31 23.80	0.3
ORV		50.45	317	P	31 31.50	0.5
SES		51.10	334	eP	31 35.00	-0.9
				pP	31 46.00	38kmX
FFC		51.21	343	eP	31 35.50	-1.0
		1.2s	34.00nm			5.2mb
LBFM		51.57	319	P	31 39.20	-0.6
FHC		52.72	317	P	31 49.00	0.8
		1.0s	110.70nm			5.8mb
DPW		52.93	327	P	31 48.70	-1.0
VGB		53.03	324	P	31 50.60	0.2
LON		54.31	324	P	31 59.40	-0.4
PNT		54.55	328	eP	32 01.00	-0.5
		0.8s	18.00nm			5.2mb
RMW		54.69	325	P	32 01.10	-1.5
BMW		54.99	323	P	32 04.30	-0.5
GMW		55.30	325	P	32 05.20	-1.8
MCW		55.93	326	P	32 12.10	0.6
PGC		56.26	326	eP	32 14.00	0.2
YKA		61.37	342	eP	32 53.50	4.4X
		0.7s	7.80nm			4.9mb
TIO		70.18	60	eP	33 36.00	-10.4X
				i	33 45.50	
				i	33 57.00	
AVE		70.22	57	eP	33 46.50	0.1
				i	33 56.00	
INK		71.13	341	ePc	33 50.10	-1.1
BALM		71.47	333	P	33 54.80	1.3
EJIF		72.07	54	eP	34 08.20	10.8X
EHOR		72.36	53	eP	34 10.00	10.9X
TIC		72.71	85	P	33 59.90	-1.7
MBC		72.71	351	eP	33 59.50	-1.0
		1.0s	12.00nm			4.8mb
LIC		72.74	86	Pc	34 00.18	-1.6
		0.6s	9.50nm			5.0mb
KIC		73.01	85	Pc	34 01.92	-1.5
		0.9s	15.50nm			5.0mb
DCN		73.10	36	eP	34 06.20	3.0X
KLU		73.25	332	P	34 04.10	0.1
DMU		73.43	36	eP	34 04.90	-0.1
GUD		73.44	50	iPd	34 06.80	1.2
TOL		73.46	51	eP	34 06.00	0.4
TOA		73.54	333	ePc	34 06.60	0.9
ECOG		73.65	53	eP	34 18.40	11.6X
EHUE		74.45	53	iPd	34 13.40	1.9
EVIA		74.57	52	iPd	34 14.70	2.5
PMR		74.76	332	ePc	34 12.80	0.2
		1.3s	34.20nm			5.2mb
FBA		75.02	336	ePc	34 14.10	0.0
		1.4s	43.60nm			5.3mb
ETOR		75.05	50	iPd	34 16.30	1.5
RND		75.08	334	P	34 14.70	0.1
EKA		75.82	35	P	34 21.00	2.2
		1.4s	22.20nm			5.0mb
RSO		76.25	331	P	34 15.90	-5.5X
LPF		76.30	42	eP	34 21.00	-0.7
		1.3s	43.30nm			5.3mb
GRR		76.45	42	eP	34 22.10	-0.4
		1.1s	36.65nm			5.3mb
DAG		76.46	12	iPc	34 21.10	-0.9
		1.2s	35.94nm			5.3mb
FLN		76.73	42	eP	34 23.90	-0.2
		1.2s	35.70nm			5.3mb
	Z	20s	0.10um			4.1Msz
MFF		76.80	44	eP	34 24.40	-0.1
		1.2s	35.70nm			5.3mb
PDB		76.85	330	P	34 23.50	-1.0
EPF		76.95	48	eP	34 25.50	0.0
		1.2s	29.75nm			5.2mb
LDF		76.96	42	eP	34 25.00	-0.3
		1.1s	26.85nm			5.2mb
LFF		77.33	46	eP	34 27.10	-0.3
		1.0s	20.00nm			5.1mb
LPO		77.64	46	eP	34 28.70	-0.4
		1.0s	32.00nm			5.3mb
IMA		77.68	336	ePc	34 29.40	0.2
		1.6s	48.90nm			5.3mb
SVW		77.74	331	ePc	34 29.10	-0.4
		0.9s	52.50nm			5.6mb
RJF		77.89	45	eP	34 30.10	-0.5
		1.0s	18.00nm			5.1mb
	Z	20s	0.17um			4.4Msz
LSF		77.94	44	eP	34 30.30	-0.5
		1.0s	14.00nm			4.9mb
TTA		78.17	333	ePc	34 31.70	-0.1
		0.6s	10.50nm			5.0mb
CAF		78.27	46	eP	34 32.10	-0.6
		1.0s	24.00nm			5.2mb
TCF		78.41	44	eP	34 33.00	-0.4
		1.0s	9.00nm			4.7mb
MAF		78.66	44	eP	34 34.20	-0.6
		1.0s	16.00nm			5.0mb
BGF		78.86	44	eP	34 35.30	-0.6
		1.0s	24.00nm			5.2mb
AVF		79.22	44	eP	34 37.30	-0.5
		1.1s	14.65nm			4.9mb
SSF		79.33	44	eP	34 37.60	-0.8
		1.2s	23.80nm			5.1mb
SMF		79.55	44	eP	34 39.00	-0.6
		1.2s	26.80nm			5.1mb
LOR		79.57	43	eP	34 38.90	-0.8
		0.8s	10.75nm			4.9mb
	Z	20s	0.13um			4.3Msz
LBF		79.65	44	eP	34 39.40	-0.8
		0.8s	5.35nm			4.6mb
BRW		79.67	341	ePc	34 39.90	0.2
DOU		80.10	40	P	34 42.40	-0.1
MEM		81.01	40	Pc	34 49.70	2.5
HAU		81.26	43	eP	34 48.30	-0.3
	Z	20s	0.15um			4.3Msz
LRG		81.35	47	eP	34 49.30	0.1
		1.0s	14.00nm			4.9mb
	Z	20s	0.15um			4.3Msz
LMR		81.47	47	eP	34 49.40	-0.4
		1.0s	8.00nm			4.7mb
WTS		81.51	39	eP	34 50.00	0.2
		0.9s	19.00nm			5.1mb
BSF		81.56	43	eP	34 49.90	-0.4
		1.0s	16.00nm			5.0mb
FRF		81.56	47	eP	34 50.10	-0.2
		1.0s	18.00nm			5.0mb
LPL		81.57	45	eP	34 50.80	0.2
		0.9s	6.55nm			4.6mb
LPG		81.58	45	eP	34 51.10	0.4
		1.2s	14.90nm			4.9mb
CDF		81.87	42	eP	34 51.80	-0.1

1 2s 17.85nm 5.0mb
SBF 82.12 47 eP 34 53.00 -0.3
1.0s 20.00nm 5.1mb
PGF 83.33 48 eP 34 59.30 -0.3
1.0s 8.00nm 4.8mb
NB2 83.68 29 P 35 00.60 -0.3
1.2s 22.80nm 5.2mb
GRF 84.40 41 eP 35 07.00 2.3
e 35 16.00
MOX 84.58 40 eP 35 07.00 1.4
APO 85.04 30 eP 35 09.30 1.6
0.5s 1.20nm 4.3mb
CLL 85.40 39 eP 35 10.00 0.3
1.9s 47.00nm 5.4mb
WET 85.52 41 eP 35 11.80 1.4
KHC 85.98 41 P 35 13.60 0.9
1.4s 24.00nm 5.2mb
e 35 24.20
BRG 86.03 39 eP 35 14.40 1.6
1.4s 24.00nm 5.2mb
i 35 24.20
KBA 86.04 43 eP 35 13.00 -0.2
1.5s 42.50nm 5.5mb
i 35 15.40
GEC2 86.09 41 PKP 35 11.70 -1.6
1.0s 7.52nm 4.9mb
TRI 86.48 45 eP 35 16.00 0.9
PRU 86.51 40 eP 35 16.50 1.3
KSP 87.51 39 eP 35 21.80 1.7
ZST 88.42 42 eP 35 25.00 0.6
i 35 34.90
SRO 89.28 42 e(P) 35 30.60 2.1
KRA 89.94 40 eP 35 33.00 1.4
NUR 90.26 29 eP 35 30.00 -2.8X
SPC 90.30 40 eP 35 35.60 2.1
SKO 92.55 47 eP 35 44.50 0.7
MLR 94.91 43 eP 35 55.00 0.2
CLI 95.53 42 eP 36 01.00 3.6X
LZH 137.06 357 ePKP 42 06.50 10.0X
1.0s 18.00nm
sP 42 18.50
ASPA 144.93 238 iPKPc 42 08.80 -1.8
0.8s 20.60nm
i 42 11.70
WB2 145.82 245 ePKP 42 12.40 0.2
0.8s 6.10nm
i 42 23.50
WRA 145.83 245 PKP 42 12.80 0.6
0.6s 2.90nm
HYB 146.65 43 ePKP 42 14.00 0.4
CHG 154.18 6 ePKP 42 32.30 7.5X
SNG 165.85 4 ePKP 42 32.30 -5.3X
S.D. = 1.1 on 166 of 192 obs.

% FEB 08, 1992 08h 47m 25.40± 0.87s
39.204 N ± 7.6km 27.772 E ± 8.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST 0.77 59 iPg 47 40.60 0.1
eSg 47 53.10
IZM 0.90 207 iPn 47 42.60 0.0
KCT 1.14 23 iPn 47 46.70 0.0
eSg 48 01.70
BNT 1.16 6 ePn 47 46.90 -0.1
EZN 1.28 299 ePn 47 49.20 0.1
S.D. = 0.1 on 5 of 5 obs.

% FEB 08, 1992 09h 20m 26.38± 0.92s
39.265 N ± 8.1km 28.149 E ± 9.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST 0.50 47 iPg 20 35.50 -1.1
iSg 20 42.50
KCT 1.00 9 iPg 20 45.70 0.4
iSg 21 00.70
EDC 1.10 349 ePn 20 47.00 -0.1
BNT 1.10 351 ePn 20 46.60 -0.5
IZM 1.11 219 iPn 20 47.10 -0.1
IZI 1.48 43 ePn 20 53.70 0.6
YLV 1.60 36 ePn 20 55.60 0.7
S.D. = 0.8 on 7 of 7 obs.

FEB 08, 1992 10h 03m 48.45± 0.26s
45.216 N ± 5.8km 150.937 E ± 3.9km
DEPTH = 51.3km (3 depth phases)
5.1mb (69 obs.)
KURIL ISLANDS (221)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 14S, 18C
Centroid Location:
Origin Time 10:03:52.2 1.5
Lat 45.22N FIX:Lon 150.93E FIX
Dep 51.0 FIX Half-duration 1.3
Moment Tensor; Scale 10**16 Nm
Mrr= 1.46 0.26 Mtt=-0.59 0.44
Mff=-0.87 0.32 Mrt= 0.50 0.49
Mrf= 1.69 0.62 Mtf=-0.72 0.41
Principal Axes:
T Val= 2.35 Plg=62 Azm=270
N -0.12 13 25
P -2.23 24 121
Best Double Couple:Mo=2.3*10**16
NP1:Strike=236 Dip=24 Slip= 123
NP2: 21 70 77

MAT 12.94 232 eP 06 48.00 -3.8X
0.9s 21.01nm 5.1mb
eS 09 17.00
YAK 20.85 331 iPd 08 26.60 -1.2
1.0s 201.00nm 5.4mb
Z 20s 0.50um 3.9Msz
ipP 08 39.00 53km
iPP 08 49.00
ePPP 09 00.00
eS 12 15.00
ePcP 12 31.00
eSS 12 52.00
iSSS 13 03.00
iScS 20 09.00
BJI 25.96 271 eP 09 17.50 -0.2
1.0s 22.00nm 4.6mb
Z 16s 0.58um 4.2MszX
eS 13 48.00
SSE 27.13 249 Pd 09 29.00 0.5
0.8s 23.00nm 4.9mb
sP 09 41.50
eS 14 28.00
ANM 30.82 36 eP 10 01.50 0.3
TTA 34.57 40 ePc 10 34.00 0.0
0.7s 4.40nm 4.5mb
SVW 34.63 43 ePc 10 35.20 0.8
PDB 35.32 46 P 10 39.50 -0.7
IMA 35.94 35 ePc 10 45.40 -0.2
0.8s 9.70nm 4.8mb
BRW 36.01 26 ePc 10 46.20 0.3
LZH 36.43 272 iPc 10 50.20 0.1
1.2s 107.00nm 5.7mb
Z 22s 0.31um 4.0Msz
pP 11 08.00 72kmX
sP 11 18.00
eS 15 22.00
i 15 42.00
PMR 37.76 43 eP 11 01.40 0.7
RND 37.84 40 P 11 00.10 -1.4
FBA 38.30 37 eP 11 06.00 0.7
0.8s 21.40nm 5.1mb
TOA 39.13 42 eP 11 13.40 1.1
KLU 39.30 43 P 11 13.00 -0.7
BALM 41.07 43 P 11 27.90 -0.4
INK 43.76 31 eP 11 49.50 -0.4
MBC 46.55 19 eP 12 12.00 -0.1
CHG 50.28 256 ePc 12 41.70 -0.1
0.9s 14.29nm 5.0mb
CHTO 50.28 256 iPc 12 41.50 -0.2
0.9s 13.85nm 5.0mb
YKA 53.06 35 eP 13 00.90 -1.2
1.0s 3.60nm 4.4mb
GUN 53.62 275 P 13 07.20 0.1
KKN 54.11 275 P 13 10.40 -0.2
PKI 54.15 275 P 13 10.80 -0.3
DMN 54.34 275 P 13 12.40 0.0
GKN 54.44 276 P 13 13.00 0.1
PNT 57.36 51 eP 13 33.00 -0.5
0.6s 3.00nm 4.5mb
DAG 58.12 357 iPc 13 36.40 -2.0
0.8s 14.93nm 5.2mb
NDI 59.21 281 iPc 13 46.00 -0.6
0.5s 38.73nm 5.8mb
SES 61.29 46 eP 14 00.00 -0.6
FFC 62.89 39 iPc 14 11.00 -0.1
0.7s 14.00nm 5.2mb
LRM 63.34 51 eP 14 14.40 -0.2
KAF 64.19 335 iP 14 17.90 -1.6
0.8s 13.40nm 5.0mb
HPI 64.29 53 P 14 20.90 0.0
QUE 65.29 289 eP 14 27.30 -0.1
HYB 65.50 270 iPc 14 27.60 -1.1
0.8s 30.70nm 5.4mb
NUR 65.94 334 eP 14 28.30 -2.5
WB2 66.58 197 eP 14 34.80 -0.5
0.8s 10.90nm 4.9mb
i 14 48.50 48km
WRA 66.59 197 P 14 35.20 -0.1
0.6s 4.40nm 4.7mb
BW06 66.88 52 P 14 37.30 -0.1
0.8s 3.57nm 4.4mb
POO 68.08 275 iPc 14 43.00 -2.0
DZM 68.44 165 iPc 15 03.00 15.9X
SRU 68.73 56 P 14 49.60 0.6
RSSD 68.98 48 P 14 49.90 -0.6
0.8s 8.01nm 4.7mb
NB2 69.18 340 P 14 47.80 -3.4X
0.7s 16.40nm 5.1mb
HFS 69.35 339 ePKP 14 49.80 -2.4
0.5s 7.20nm 4.9mb
ASPA 70.29 197 eP 14 58.30 0.0
0.9s 7.10nm 4.6mb
GOL 71.28 52 P 15 05.10 0.5
ANMO 73.94 57 P 15 20.50 0.3
MSL 75.91 308 ePd 15 31.50 0.3
CLI 76.02 324 ePd 15 32.00 0.3
KSP 76.58 332 iPc 15 34.50 -0.2
0.9s 38.00nm 5.4mb
SPC 76.61 329 iP 15 36.20 1.0
VRI 76.80 324 ePc 15 37.00 1.0
CVO 77.07 324 eP 15 39.00 1.5
STK 77.20 188 eP 15 51.60 13.4X
0.6s 1.10nm
i 16 06.60 53km
CLL 77.21 334 iPc 15 37.60 -0.6
1.0s 60.00nm 5.6mb
BRG 77.30 334 iPc 15 37.60 -1.1
1.0s 20.00nm 5.1mb
MLR 77.43 324 eP 15 40.00 0.3
EKA 77.45 345 P 15 39.00 -0.5
0.8s 11.80nm 5.0mb
ISR 77.46 323 ePd 15 41.00 1.3
PRU 77.88 333 P 15 41.70 -0.2
0.8s 16.80nm 5.1mb
MOX 78.22 335 iPc 15 43.40 -0.3
1.1s 25.00nm 5.1mb
COZ 78.23 325 ePc 15 45.50 1.4
HOF 78.43 335 eP 15 44.50 -0.5
1.0s 26.00nm 5.2mb
SRO 78.47 330 iP 15 46.10 1.0
BUD 78.49 329 eP 15 45.80 0.5
ZST 78.57 331 iP 15 46.20 0.5
0.9s 21.50nm 5.1mb
KHC 78.94 333 iPc 15 48.00 0.2
1.0s 22.00nm 5.0mb
e 15 52.60 15kmX
WET 79.15 333 iPc 15 49.10 0.2
1.0s 50.00nm 5.4mb
GEC2 79.15 333 Pd 15 47.60 -1.4
0.8s 9.96nm 4.8mb
GRF 79.18 335 iPc 15 49.40 0.4
1.0s 43.00nm 5.3mb
Z 22s 0.10um 4.1Msz
MEM 79.83 338 iPc 15 52.17 -0.3
UCC 80.08 339 Pc 15 52.90 -0.9
SNF 80.36 339 iPc 15 55.13 -0.2
FVM 80.45 45 P 15 56.00 0.0
0.6s 11.70nm 5.0mb
FUR 80.51 334 eP 15 56.70 0.5
DOU 80.66 339 Pd 15 56.80 -0.1
0.7s 14.40nm 5.0mb
KBA 80.81 332 iPc 15 57.70 -0.3
0.9s 28.30nm 5.2mb
id 15 58.50 3kmX
i 16 15.10
PTJ 80.94 330 iPc 15 58.00 -0.6
SQTA 81.37 334 iPc 16 00.90 0.0
1.2s 38.10nm 5.2mb
id 16 01.30 1kmX
CDF 81.48 336 iPc 16 01.40 0.0
0.9s 18.00nm 5.0mb
VBY 81.53 330 e(P) 16 01.00 -0.5
ELC 81.59 44 P 16 02.10 0.1

08d 10h

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OGA     81.75 333 iPd    16 03.60   0.7
        0.8s     15.00nm          5.0mb
HAU     82.11 337 eP     16 04.50  -0.1
        0.8s      5.35nm          4.6mb
      Z  22s      0.15um          4.3Msz
BSF     82.14 337 eP     16 04.50  -0.3
        0.8s      6.70nm          4.7mb
SKO     82.18 324 iPd    16 05.50   0.5
VAY     82.25 323 iP     16 05.60   0.3
        1.0s     49.00nm          5.5mb
FLN     83.13 341 iPc    16 09.80   0.0
        0.9s     18.00nm          5.1mb
      Z  22s      0.08um          4.0Msz
LDF     83.20 341 eP     16 09.90  -0.3
        1.2s     41.65nm          5.3mb
VAI     83.34 334 Pd     16 10.50  -0.4
LOR     83.46 338 iPc    16 11.60   0.1
        1.0s     24.00nm          5.2mb
      Z  22s      0.20um          4.4Msz
GRR     83.56 342 iPc    16 12.30   0.3
        1.0s     44.00nm          5.4mb
LBF     83.69 338 iPc    16 12.70  -0.1
        1.2s     26.80nm          5.1mb
SSF     83.74 338 iPc    16 13.10   0.1
        1.0s     12.00nm          4.9mb
LPF     83.94 342 eP     16 14.20   0.3
        1.0s     26.00nm          5.2mb
AVF     84.03 338 iPc    16 14.80   0.4
        1.2s     44.65nm          5.4mb
SMF     84.04 338 iPc    16 14.70   0.2
        1.0s     29.00nm          5.3mb
SFI     84.09 332 P      16 15.50   0.8
BOB     84.12 334 P      16 15.30   0.3
PGD     84.17 332 P      16 16.30   0.9
MME     84.23 332 P      16 16.90   1.1
LPL     84.27 336 iPc    16 16.60   0.7
        0.8s      9.40nm          4.9mb
LPG     84.28 336 iPc    16 16.70   0.6
        0.8s     13.45nm          5.1mb
MAF     84.76 339 iPc    16 19.10   1.0
        0.9s     33.60nm          5.4mb
TCF     84.79 339 iPc    16 18.90   0.6
        0.9s     12.30nm          5.0mb
LSF     85 00 339 iPc    16 19.90   0.6
        1.0s     35.00nm          5.4mb
MFF     85.08 340 iPc    16 20.40   0.7
        1.0s     18.00nm          5.2mb
SSB     85.11 337 PKP    16 20.37   0.5
SBF     85.56 334 eP     16 22.20   0.0
        0.8s     13.45nm          5.2mb
RJF     85.89 339 eP     16 24.50   0.8
        1.2s     32.75nm          5.4mb
      Z  20s      0.17um          4.5Msz
FRF     86.07 335 eP     16 24.80   0.1
        1.1s     14.65nm          5.1mb
CAF     86.10 338 iPc    16 26.00   1.2
        1.1s     26.85nm          5.4mb
LRG     86.25 335 iPc    16 25.90   0.4
        0.8s     13.45nm          5.2mb
      Z  20s      0.13um          4.3Msz
PGF     86.25 333 eP     16 25.50  -0.2
        1.0s      8.00nm          4.9mb
LMR     86.32 335 iPc    16 26.10   0.2
        0.8s     18.80nm          5.4mb
LFF     86.42 339 eP     16 26.60   0.2
        1.2s     29.75nm          5.4mb
LPO     86.55 339 eP     16 28.10   1.1
        1.1s     19.55nm          5.2mb
TIC    124.05 331 PKP    22 42.80  -0.1
KIC    124.22 330 PKP    22 43.00  -0.2
LIC    124.44 331 PKP    22 43.60  -0.1
     S.D. = 0.7  on 119 of 123 obs.
-----------------------------------------
%  FEB  08, 1992  10h 25m 03.13± 0.77s
   42.689 N ± 6.2km   12.042 E ± 6.5km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                      (381)

MNS      0.56 123 P       25 14.80   0.2
                 eSg      25 21.70
ASS      0.59  50 P       25 14.30  -0.9
                 eSg      25 24.90
MAO      0.71 248 P       25 17.00  -0.2
                 eSg      25 26.10
CRE      0.94 356 P       25 21.20   0.1
                 eSg      25 33.50
ARV      1.04  39 P       25 23.40   0.6
                 eSg      25 37.70
PGD      1.21 349 P       25 26.00   0.3
SFI      1.24 354 P       25 26.00  -0.1
                 eSg      25 42.80
     S.D. = 0.6  on  7 of  7 obs.
-----------------------------------------
%  FEB  08, 1992  11h 08m 31.35± 1.35s
   39.317 N ± 8.7km   28.199 E ±11.1km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                             (366)

DST      0.44  49 iPg     08 40.40   0.1
                 iSg      08 46.90
KCT      0.94   7 iPg     08 49.60   0.3
BNT      1.06 348 iPn     08 50.50  -0.8
EDC      1.06 346 ePn     08 52.00   0.7
IZI      1.41  44 iPn     08 57.60   0.4
KHL      1.43 133 iPn     08 57.50   0.0
YLV      1.54  35 ePn     08 59.00   0.1
HRT      1.88  36 ePn     09 03.00  -0.8
     S.D. = 0.6  on  8 of  8 obs.
-----------------------------------------
*  FEB  08, 1992  11h 10m 37.08± 0.72s
   32.972 S ± 9.5km   70.895 W ±13.3km
   DEPTH =  90.0km  (geophysicist)
 CHILE-ARGENTINA BORDER REGION      (127)
      MD 3.7 (SAN).

ROCH     0.10 270 iP      10 50.00  -0.4
                 iS       10 58.20
PEL      0.25 134 iPd     10 49.50  -1.0
                 iS       10 58.00
JACH     0.39  41 iPd     10 50.50  -0.8
                 iS       10 59.50
TACH     0.68 183 iPd     10 53.50  -0.2
                 iS       11 04.00
PCH      0.72 154 iP      10 53.50  -0.6
                 iS       11 05.20
LCCH     0.76 228 iPd     10 55.10   0.7
                 iS       11 07.20
CHCH     0.98 168 iP      10 57.20   0.3
                 iS       11 11.50
LNV      1.07 204 iPd     10 58.10   0.2
                 iS       11 13.60
CACH     1.17 168 iP      10 59.50   0.3
                 iS       11 15.50
RTCB     2.31  51 iPc     11 15.20   1.1
                 S        11 46.50
     S.D. = 0.8  on  10 of  10 obs.
-----------------------------------------
?  FEB  08, 1992  11h 37m 57.89± 3.10s
   18.155 S ±35.2km  178.677 W ±54.2km
   DEPTH = 524.1 ±  8.7 km
   4.6mb (  5 obs.)
 FIJI ISLANDS REGION                (181)

VUN      2.72 273 iPd     39 09.40  -0.3
SVA      2.73 270 eP      39 09.60  -0.1
MBU      2.75 295 eP      39 10.00   0.1
DZM     14.51 252 iPc     41 03.90   1.0
CMS     34.68 241 iPc     44 05.00   0.2
        0.2s      3.00nm          4.5mb
TOO     36.82 231 iPc     44 22.60   0.3
        0.6s     13.00nm          4.7mb
STK     38.29 241 eP      44 47.30  12.8X
        0.6s      5.50nm
WB2     44.32 260 eP      45 22.00  -0.8
        0.5s     10.40nm          4.6mb
ASPA    44.48 254 iPc     45 23.60  -0.4
        0.7s     44.70nm          5.1mb
WARB    50.96 251 eP      46 12.00  -0.8
CHTO    88.84 290 eP      49 58.00   0.7
        1.0s      1.75nm          3.9mb
     S.D. = 0.7  on  10 of  11 obs.
-----------------------------------------
?  FEB  08, 1992  12h 04m 59.04± 6.02s
   35.945 N ±15.8km   10.289 W ±58.1km
   DEPTH =  10.0km  (geophysicist)
 NORTH ATLANTIC OCEAN               (402)
      MD 3.2 (RBA).

EVAL     3.28  59 eP      05 52.20   0.7
                 eS       06 28.00
AVE      3.55 137 ePn     05 56.50   1.2
                 iSn      06 36.00
EHOR     4.45  64 eP      06 08.00  -0.1
                 eS       06 57.40
IFR      4.89 118 iPn     06 14.00  -0.6
                 iSn      07 07.50
TIO      5.61 152 iPn     06 24.00  -0.7
                 iSn      07 24.00
EBAN     5.65  65 eP      06 24.60  -0.6
     S.D. = 1.0  on  6 of  6 obs.
-----------------------------------------
   FEB  08, 1992  12h 58m 37.83± 0.70s
   39.237 N ± 5.6km   20.499 E ± 6.4km
   DEPTH =  10.0km  (geophysicist)
 GREECE-ALBANIA BORDER REGION       (392)
      MD 3.1 (ATH), 2.8 (THE).

KEK      0.72 311 ePb     58 51.80  -0.2
VLS      1.06 176 ePb     58 58.20   0.4
AGG      1.44  98 ePb     59 03.26  -0.7
                 eSb      59 22.70
KZN      1.45  42 ePb     59 04.80   0.6
FNA      1.69  23 ePb     59 08.54   1.0
                 iSb      59 32.50
LIT      1.76  60 ePb     59 08.78   0.2
                 eSb      59 33.10
OHR      1.89   7 ePn     59 01.50  -8.9X
GRG      2.25  40 ePn     59 16.54   0.8
PAIG     2.55  73 ePn     59 19.34  -0.6
VAY      2.62  37 ePn     59 20.40  -0.4
KNT      2.66  43 ePn     59 21.90   0.4
SOH      2.70  53 iPn     59 22.58   0.4
SKO      2.82  14 ePn     59 22.50  -1.3
                 i        00 07.00
OUR      2.90  67 ePn     59 24.78  -0.1
SRS      3.02  51 ePn     59 26.10  -0.5
     S.D. = 0.7  on  14 of  15 obs.
-----------------------------------------
%  FEB  08, 1992  13h 12m 01.36± 2.04s
   42.665 N ±12.5km   11.957 E ±15.0km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                      (381)

MNS      0.60 117 P       12 13.60   0.0
                 eSg      12 23.70
ASS      0.66  52 P       12 14.40  -0.1
                 eSg      12 24.50
CRE      0.96 360 P       12 20.30   0.6
                 eSg      12 36.60
ARV      1.10  41 P       12 22.10   0.0
                 eSg      12 39.50
PGD      1.22 352 P       12 24.00  -0.2
SFI      1.26 357 P       12 24.40  -0.3
                 eSg      12 42.50
     S.D. = 0.4  on  6 of  6 obs.
-----------------------------------------
%  FEB  08, 1992  13h 37m 36.56± 0.91s
   46.295 N ±19.9km   1.830 E ± 6.4km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                             (538)
      ML 1.6 (LDG).

LSF      0.21 258 Pg      37 41.20   0.0
                 Sg       37 44.20
TCF      0.26  91 Pg      37 42.10  -0.1
                 Sg       37 45.60
MAF      0.52  98 Pg      37 47.10   0.1
                 Sg       37 53.30
BGF      0.75  69 Pg      37 51.00  -0.3
                 Sg       38 00.70
AVF      1.16  64 Pg      37 58.50   0.2
                 Sg       38 12.80
     S.D. = 0.3  on  5 of  5 obs.
-----------------------------------------
%  FEB  08, 1992  14h 38m 54.45± 0.94s
   40.684 N ± 6.3km   22.549 E ± 8.1km
   DEPTH =  10.0km  (geophysicist)
 GREECE                             (364)
      MD 1.2 (THE).

GRG      0.29 338 ePg     39 00.74   0.1
                 eSg      39 05.62
THE      0.32  99 ePg     39 01.34   0.2
                 eSg      39 06.10
KNT      0.55  29 ePg     39 05.34  -0.1
                 eSg      39 12.74
LIT      0.58 184 ePg     39 06.22  -0.1
                 iSg      39 15.02
SOH      0.63  77 iPg     39 06.94  -0.2
     S.D. = 0.2  on  5 of  5 obs.
-----------------------------------------
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%  FEB  08, 1992  15h 29m 54.11± 2.31s
   42.729 N ±12.9km    11.973 E ±18.1km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                          (381)

ASS      0.61  56 P      30 05.90  -0.6
                  eSg    30 17.10
MNS      0.63 123 P      30 06.80   0.1
CRE      0.90 359 P      30 12.20   0.8
ARV      1.05  42 P      30 14.40   0.5
SFI      1.19 356 P      30 15.50  -0.8
     S.D. = 1.0  on   5 of   5 obs.
-----------------------------------------
%  FEB  08, 1992  15h 32m 49.40± 0.61s
   42.721 N ± 4.5km    11.974 E ± 6.3km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                          (381)

ASS      0.61  55 P      33 00.00  -1.8
                  eSg    33 12.00
MNS      0.62 123 P      33 02.00   0.1
                  eSg    33 11.20
MAO      0.68 244 P      33 02.40  -0.5
                  eSg    33 13.90
CRE      0.91 359 P      33 07.70   0.9
                  eSg    33 21.30
ARV      1.05  42 P      33 09.00  -0.3
                  eSg    33 24.90
RMP      1.06 149 P      33 09.00  -0.3
RDP      1.11 150 P      33 10.00  -0.2
                  eSg    33 25.00
AQU      1.12 109 P      33 11.60   1.2
                  eSg    33 28.30
PGD      1.17 351 P      33 11.50   0.2
                  eSg    33 26.90
SFI      1.20 356 P      33 12.00   0.2
                  eSg    33 28.80
SDI      1.70 126 P      33 20.00   0.7
                  eSg    33 40.10
     S.D. = 0.9  on  11 of  11 obs.
-----------------------------------------
&  FEB  08, 1992  15h 38m 25.33s
   60.028 N          152.337 W
   DEPTH =  74.5km
   3.2mb (  1 obs.)
 SOUTHERN ALASKA                        (  2)
      <AEIC>.

INE      0.37 275 iPd    38 36.94  -0.9
INW      0.40 276 iPd    38 37.35  -0.7
RED      0.45 331 iPd    38 37.78  -0.6
                  iS     38 47.59
REF      0.50 339 iPd    38 38.45  -0.5
NNL      0.52  88 iPc    38 39.24   0.3
RDT      0.55 356 iPc    38 38.57  -0.7
DFR      0.59 343 iPc    38 39.14  -0.6
XLV      0.65 151 eP     38 39.23  -1.0
                  eS     38 51.18
CNPM     0.75 132 iPd    38 40.60  -0.8
                  eS     38 52.52
BRLK     0.78 109 iPd    38 40.81  -0.9
                  eS     38 53.37
AUE      0.85 218 iPd    38 41.72  -0.8
AUP      0.86 220 iPd    38 42.10  -0.7
                  eS     38 55.38
AUI      0.89 219 ePd    38 42.06  -0.9
                  eS     38 54.56
PDB      0.97 256 iPd    38 42.88  -1.0
                  eS     38 56.61
SLKM     1.16  65 ePc    38 45.23  -1.2
                  eS     39 01.87
SPU      1.17   7 iPc    38 46.10  -0.4
                  eS     39 02.43
CKL      1.17 360 iPc    38 46.27  -0.4
CKN      1.20   4 iPc    38 46.73  -0.2
BGL      1.24 359 iPc    38 47.24  -0.3
CRP      1.25   4 iPc    38 47.37  -0.3
MCNL     1.32 231 ePd    38 46.99  -1.5
                  eS     39 03.95
NCG      1.38   4 eP     38 49.14  -0.3
SEW      1.45  86 eP     38 49.24  -0.9
BGM      1.60 248 eP     38 50.78  -1.4
SUA      1.64  28 iPc    38 52.51  -0.3
                  eS     39 15.06
PMS      1.83  47 iPd    38 55.60   0.2
SVW      1.95 305 iPd    38 56.10  -0.9
       0.6s   208.00nm
SKT      2.00  11 iPc    38 56.83  -0.8
PWA      2.03  35 ePc    38 58.30   0.3
PLRM     2.22  44 ePc    38 59.42  -1.2
PMR      2.22  44 eP     39 00.10  -0.6
       0.6s   181.30nm
KDC      2.29 182 ePc    39 00.30  -1.3
       0.4s   148.30nm
MTU      2.35  89 eP     39 00.85  -1.7
KNK      2.36  52 ePc    39 01.13  -1.5
GHO      2.42  42 eP     39 02.40  -1.1
CUT      2.59  22 eP     39 05.40  -0.3
SML      2.65  46 eP     39 05.25  -1.4
GLI      2.73  70 eP     39 04.62  -3.2
FID      3.00  73 eP     39 07.85  -3.6
TTA      3.40 330 eP     39 17.30   0.1
       0.6s    17.80nm
KLU      3.47  62 ePc    39 15.69  -2.5
TOA      3.65  53 eP     39 19.60  -1.0
RND      3.77  25 ePd    39 21.94  -0.4
FBA      5.32  21 ePc    39 42.80  -1.2
       0.8s    47.50nm          4.8mb X
IMA      6.09 355 ePc    39 54.40  -0.5
       0.5s     7.90nm          4.3mb X
INK     11.62  37 eP     41 08.00  -2.0
YKA     18.14  66 eP     42 30.20  -3.0
       0.6s     1.00nm          3.2mb
       47 obs. associated
-----------------------------------------
*  FEB  08, 1992  16h 38m 03.51± 1.09s
   36.538 N ±11.6km    22.822 E ± 7.8km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN GREECE                        (368)
      ML 3.2 (ATH).

VLI      0.20  27 iPgd   38 07.00  -0.9
ATH      1.60  26 ePb    38 32.10   0.2
VLS      2.42 313 ePn    38 45.00   1.3
NPS      2.60 119 ePn    38 46.50   0.2
CIN      4.34  74 ePg    39 30.00  19.0X
                  iSg    39 37.00
OHR      4.83 342 e(Pn)  39 19.00   1.0
ROI      5.79 303 P      39 31.20  -0.3
CZI      5.93 299 P      39 31.70  -1.7
CSI      6.08 304 P      39 35.90   0.3
     S.D. = 1.2  on   8 of   9 obs.
-----------------------------------------
%  FEB  08, 1992  17h 29m 29.13± 2.29s
   42.683 N ±14.1km    11.987 E ±17.3km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                          (381)

MNS      0.59 120 P      29 41.20   0.0
                  eSg    29 49.50
ASS      0.63  52 P      29 41.10  -0.7
                  eSg    29 51.00
CRE      0.94 358 P      29 47.70   0.5
                  eSg    30 01.20
ARV      1.07  40 P      29 50.20   0.8
                  eSg    30 05.10
PGD      1.21 351 P      29 52.50   0.8
SFI      1.24 356 P      29 50.70  -1.5
     S.D. = 1.2  on   6 of   6 obs.
-----------------------------------------
   FEB  08, 1992  17h 40m 20.48± 0.35s
   42.703 N ± 3.6km    11.888 E ± 3.4km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                          (381)

MAO      0.61 243 P      40 34.00   1.1
                  eSg    40 42.20
MNS      0.67 118 P      40 33.50  -0.3
                  eSg    40 44.30
ASS      0.68  57 P      40 33.30  -0.7
                  eSg    40 44.60
CRE      0.93   3 P      40 38.60   0.4
                  eSg    40 53.10
RMP      1.08 146 P      40 40.60  -0.1
                  eSg    40 57.00
ARV      1.11  44 P      40 41.10  -0.2
                  eSg    40 56.90
RDP      1.13 147 P      40 42.50   0.9
                  eSg    40 58.90
FIR      1.17 337 e(Pg)  40 46.00   3.7X
AQU      1.17 107 P      40 43.00   0.6
                  eSg    40 59.30
PGD      1.18 354 P      40 43.80   1.2
                  eSg    41 00.70
SFI      1.22 359 P      40 43.70   0.6
                  eSg    41 01.10
AZI      1.35 121 P      40 45.00  -0.3
                  eSn    41 03.80
BDI      1.65 326 P      40 48.50  -1.2
                  eSg    41 11.80
MME      1.72 330 P      40 52.50   1.6
SDI      1.74 124 P      40 50.50  -0.5
                  eSn    41 12.80
PGF      2.14 267 Pn     40 57.20   0.4
CTI      3.35 357 P      41 13.90  -0.1
SBF      3.45 291 Pn     41 15.00  -0.4
VBY      3.71  40 e(P)   41 34.30  15.3X
FRF      3.93 284 Pn     41 21.40  -0.8
FVI      3.94   9 P      41 20.90  -1.3
LMR      3.99 281 Pn     41 21.90  -1.1
LRG      4.12 282 Pn     41 24.40  -0.4
PTJ      4.33  41 eP     41 42.30  14.4X
KBA      4.50  13 e(Pn)  41 31.00   0.7
                  e(Sn)  42 24.00
LPG      4.64 309 Pn     41 2B.20  -4.3X
LPL      4.66 309 Pn     41 2B.30  -4.4X
     S.D. = 0.9  on  22 of  27 obs.
-----------------------------------------
%  FEB  08, 1992  17h 47m 02.51± 2.94s
   42.658 N ±15.6km    11.847 E ±21.0km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                          (381)

MNS      0.67 114 P      47 16.00   0.1
                  eSg    47 23.90
ASS      0.73  55 P      47 16.10  -0.7
                  eSg    47 25.40
CRE      0.97   4 P      47 21.30   0.2
                  eSg    47 33.20
ARV      1.16  43 P      47 25.00   0.8
                  eSg    47 39.00
SFI      1.26   0 P      47 25.60  -0.3
                  eSg    47 42.B0
     S.D. = 0.8  on   5 of   5 obs.
-----------------------------------------
*  FEB  08, 1992  1Bh 12m 03.62± 2.31s
   61.487 N ± 7.7km    4.445 E ±20.8km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN NORWAY                        (535)
      ML 1.5 (NAO). MD 2.0 (BER).

FOO      0.31  68 eP     12 09.72  -0.3
                  eS     12 15.23
FRO      0.34  37 eP     12 09.59  -1.1
                  eS     12 15.87
SUE      0.46 160 iPd    12 13.08   0.2
                  iS     12 19.60
HYA      0.90 110 eP     12 21.54   0.7
                  iS     12 35.35
ASK      1.07 160 eP     12 23.54  -0.2
                  eS     12 38.00
EGD      1.2B 162 iP     12 27.32   0.0
                  eS     12 44.70
MOL      1.82  52 eP     12 37.16   2.0
ODD1     1.91 145 eP     12 36.25  -0.3
                  eSg    13 04.06
NRA0     3.53  99 Pn     12 5B.57  -0.9
     S.D. = 1.1  on   9 of   9 obs.
-----------------------------------------
%  FEB  08, 1992  18h 14m 20.43± 0.54s
   47.034 N ± 6.2km    0.392 E ± 6.3km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                                 (538)
      ML 2.2 (LDG).

MFF      0.57 221 Pg     14 31.90  -0.1
                  Sg     14 40.10
LSF      1.11 135 Pg     14 40.00  -1.2
                  Sg     14 54.90
LPF      1.39 316 Pg     14 45.10  -0.8
                  Sg     15 05.40
TCF      1.46 120 Pg     14 46.20  -0.6
                  Sg     15 04.60
GRR      1.60 329 Pg     14 49.00   0.2
                  Sg     15 10.90
LDF      1.60 348 Pg     14 48.50  -0.3
                  Sg     15 09.20
MAF      1.70 118 Pg     14 49.40  -1.0
                  Sg     15 09.60
BGF      1.75 105 Pg     14 51.00   0.0
                  Sg     15 12.80
```

08d 18h

```
FLN      1.83 342 Pg     14 52.60    0.5
                  Sg     15 15.40
RJF      1.90 155 Pg     14 55.00    1.8
                  Sg     15 19.00
AVF      2.04  96 Pg     14 55.50    0.3
                  Sg     15 20.60
SSF      2.13  88 Pg     14 57.60    1.1
                  Sg     15 25.00
     S.D. = 1.0  on  12 of  12 obs.
-------------------------------------
%  FEB  08, 1992  18h 59m 41.63± 2.19s
   42.701 N ±12.3km   11.973 E ±16.9km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                     (381)

MNS      0.61 121 P      59 54.00    0.0
                  eSg    00 02.70
ASS      0.63  54 P      59 54.00   -0.3
                  eSg    00 04.10
CRE      0.93 359 P      59 59.60    0.2
                  eSg    00 12.20
ARV      1.07  41 P      00 02.00    0.3
                  eSg    00 18.00
SFI      1.22 356 P      00 04.10   -0.2
                  eSg    00 21.10
     S.D. = 0.3  on   5 of   5 obs.
-------------------------------------
*  FEB  08, 1992  19h 25m 04.54± 1.39s
   32.759 N ±14.4km  138.385 E ±13.3km
   DEPTH = 311.8 ± 12.7 km
   4.0mb (  8 obs.)
 SOUTH OF HONSHU, JAPAN            (211)

MAT      3.78 358 iPc    26 09.60    0.2
                  eS     26 59.00
BJI     19.27 298 eP     29 06.50   -1.3
CHTO    37.91 258 eP     31 55.30    1.2
        0.7s      0.64nm          3.1mb
GUN     45.20 278 P      32 54.00    0.6
        0.6s     15.00nm          4.5mb
PKI     45.71 278 P      32 57.00   -0.3
        0.6s      8.00nm          4.2mb
KKN     45.74 278 P      32 57.40   -0.1
DMN     45.95 278 P      32 59.00   -0.1
GKN     46.20 279 P      33 01.20    0.2
        0.7s     10.00nm          4.2mb
WRA     52.55 185 P      33 48.00   -0.6
        0.3s      1.80nm          4.0mb
YKA     68.75  28 eP     35 36.70    0.2
        0.7s      0.30nm          3.1mb
HFS     76.93 335 eP     36 23.90    0.0
        0.4s      1.30nm          4.0mb
NB2     77.13 337 P      36 25.20    0.1
        0.4s      0.50nm          3.6mb
     S.D. = 0.7  on  12 of  12 obs.
-------------------------------------
?  FEB  08, 1992  19h 44m 16.49± 3.81s
   33.188 S ±15.1km  178.587 W ±46.6km
   DEPTH =  33.0km  (normal)
   4.2mb (  3 obs.)
 SOUTH OF KERMADEC ISLANDS         (179)

PUZ      5.51 207 eP     45 38.10   -0.3
                  eS     46 38.60
NOZ      6.07 206 eP     45 48.10    1.8
URZ      6.15 213 eP     45 45.40   -2.0
                  eS     46 51.20
WCZ      6.44 243 P      45 52.10    0.6
ASPA    42.54 270 eP     52 10.60   -0.3
        1.3s      6.00nm          4.2mb
WB2     43.77 275 eP     52 21.00    0.2
        0.4s      2.80nm          4.4mb
WRA     43.78 275 P      52 20.80   -0.1
        0.6s      1.20nm          3.9mb
NB2    151.41 350 PKP    04 09.50    8.2X
        0.8s      1.90nm
HFS    151.85 347 ePKP   04 10.50    8.5X
        0.5s      0.50nm
     S.D. = 1.4  on   7 of   9 obs.
-------------------------------------
*  FEB  08, 1992  20h 12m 14.28± 2.20s
   37.720 N ±14.5km   33.072 E ±22.8km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                            (366)
     ML 3.5 (CSS).

ELL      2.70 250 ePn    12 58.00   -0.7
CSS      2.76 176 eP     12 59.50    0.1
                  eS     13 31.20
IZI      3.83 314 iPn    13 35.80   21.2X
DST      3.95 300 iPg    13 17.60    1.3
                  iSg    13 24.10
CIN      3.96 270 eP     13 17.00    0.7
YLV      4.04 316 ePn    13 36.20   18.6X
KCT      4.46 306 iPn    13 26.20    2.8X
IZM      4.63 280 ePn    13 30.00    4.0X
BNT      4.80 305 ePn    13 27.70   -0.6
EDC      4.83 304 ePn    13 28.00   -0.7
EZN      5.6B 294 ePn    13 35.50   -5.2X
     S.D. = 1.1  on   6 of  11 obs.
-------------------------------------
*  FEB  08, 1992  20h 16m 26.31± 0.33s
   14.547 S ±10.0km  167.104 E ±12.7km
   DEPTH =  33.0km  (normal)
   4.6mb (  7 obs.)
 VANUATU ISLANDS                   (186)

DZM      7.51 185 iPd    18 17.90    1.5
                  iS     19 36.90
VUN     11.44 109 ePc    19 26.10   15.6X
RMQ     20.86 232 eP     21 09.00    1.0
STK     28.99 229 iPc    22 38.70   13.4X
        1.0s      0.20nm
WB2     31.70 256 eP     22 47.60   -1.8
        0.7s      3.70nm          4.4mb
ASPA    32.59 249 iPd    22 55.20   -2.0
        1.3s      6.20nm          4.3mb
MAT     57.67 333 eP     26 16.00    0.1
BJI     72.02 321 eP     27 49.50    0.6
CHG     74.86 294 eP     28 06.30    0.4
CHTO    74.86 294 eP     28 06.50    0.6
        1.2s      6.60nm          4.5mb
SPA     75.55 180 iPc    28 08.30   -1.0
        1.0s      9.00nm          4.7mb
LZH     78.08 312 eP     28 25.50    1.6
        1.2s     16.00nm          4.9mb
                  pP     28 47.00   81kmX
                  sP     28 54.50
YAK     81.79 343 iPc    28 43.70    0.8
        0.9s     46.00nm          5.5mb
GUN     89.17 299 PKP    29 21.80    1.0
PKI     89.47 299 PKP    29 22.60    0.4
KKN     89.64 299 PKP    29 23.40    0.5
DMN     89.74 299 PKP    29 24.00    0.6
GKN     90.25 299 PKP    29 25.80    0.2
PNT     90.37  39 eP     29 26.00    0.5
YKA     97.46  27 eP     29 56.50   -1.1
        0.8s      1.30nm          4.5mb
KAF    124.97 339 ePKP   35 23.50   -0.7
NUR    126.64 338 ePKP   35 27.30   -0.2
NB2    130.41 345 PKP    35 33.80   -1.0
        0.9s      2.30nm
GEC2   139.41 333 PKP    35 46.10   -6.1X
        0.6s      0.48nm
SFI    143.90 329 PKP    35 59.10   -1.0
PGD    144.00 329 PKP    35 59.10   -1.4
CRE    144.06 329 PKP    35 58.80   -1.7
ROI    144.10 320 PKP    35 59.40   -1.2
CSI    144.15 320 PKP    35 59.40   -1.3
TDS    144.19 320 PKP    35 59.10   -1.6
MME    144.26 330 PKP    35 59.80   -1.2
FLN    144.38 346 ePKP   36 00.10   -0.6
        1.0s     12.00nm
BOB    144.41 332 PKP    35 59.80   -1.3
BDI    144.41 330 PKP    35 58.80   -2.3X
LDF    144.45 345 ePKP   35 59.50   -1.4
        0.6s      4.50nm
LOR    144.51 340 ePKP   36 00.40   -0.7
        0.6s      4.50nm
MNS    144.57 327 PKP    35 59.50   -1.8
PII    144.70 330 PKP    35 59.50   -1.9
LBF    144.72 340 iPKPc  36 00.70   -0.8
        0.8s     12.10nm
SSF    144.81 340 iPKPc  36 01.20   -0.4
        0.8s     38.95nm
GRR    144.82 346 ePKP   36 00.90   -0.6
        0.8s     24.20nm
LPL    144.96 336 iPKPc  36 02.20    0.0
        0.7s     18.75nm
LPG    144.97 336 iPKPc  36 02.50    0.2
        0.4s     12.05nm
RDP    144.98 326 PKP    36 01.70   -0.4
SMF    145.06 340 iPKPc  36 01.80   -0.2
        0.8s     24.20nm
AVF    145.10 340 iPKPc  36 01.90   -0.1
        0.8s     22.85nm
CKI    145.20 333 PKP    36 01.30   -1.0
LPF    145.20 346 iPKPc  36 02.20    0.1
        0.7s     26.45nm
SOI    145.29 318 PKP    36 02.60    0.0
BNI    145.37 335 PKP    36 03.50    0.7
BGF    145.47 341 iPKPc  36 03.30    0.6
        0.8s     28.20nm
PLDF   145.73 339 PKP    36 04.24    1.0
AGO    145.82 340 PKP    36 04.47    1.1
MAF    145.86 341 iPKPc  36 04.60    1.2
        0.8s     13.45nm
TCF    145.91 341 iPKPc  36 04.60    1.1
        1.0s     14.00nm
SSB    146.00 338 PKP    36 05.10    1.4
SBF    146.01 333 iPKPc  36 04.40    0.6
        0.8s     40.30nm
PYM    146.13 340 PKP    36 05.52    1.6
LSF    146.15 342 iPKPc  36 05.00    1.1
        0.6s     10.80nm
MFF    146.30 344 iPKPc  36 05.80    1.7
        0.8s     20.15nm
PGF    146.32 330 iPKPc  36 05.60    1.2
        0.8s     32.25nm
LBL    146.50 339 PKP    36 06.87    2.3X
FRF    146.59 334 iPKPc  36 06.30    1.7
        0.9s     39.80nm
LRG    146.80 334 iPKPc  36 07.20    2.3X
        0.8s     20.15nm
LMR    146.84 334 iPKPc  36 07.10    2.1
        0.8s     18.80nm
RJF    147.01 341 iPKPc  36 07.90    2.6X
        1.0s     22.00nm
CAF    147.17 340 iPKPc  36 08.50    2.9X
        1.0s     14.00nm
BCAO   147.46 255 iPKPc  36 08.30    1.4
        0.3s     23.00nm
                  i      36 31.00
LFF    147.57 342 iPKPc  36 09.50    3.4X
        1.0s     32.00nm
LPO    147.67 341 iPKPc  36 09.80    3.5X
        0.8s     16.10nm
EPF    149.42 341 iPKPc  36 14.60    5.4X
        0.8s      4.70nm
BTH    149.51 342 PKPc   36 16.00    6.7X
     S.D. = 1.1  on  60 of  72 obs.
-------------------------------------
   FEB  08, 1992  20h 46m 07.76± 0.91s
   44.340 N ± 7.3km   12.109 E ± 8.5km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                    (545)
     MD 2.8 (TRI).

SFI      0.46 204 P      46 16.40   -0.7
                  eSg    46 21.10
PGD      0.54 211 P      46 17.60   -1.2
                  eSg    46 23.90
CRE      0.72 189 P      46 21.60   -0.4
                  eSg    46 31.90
MME      1.02 262 P      46 28.50    1.2
                  eSg    46 41.20
ARV      1.03 144 P      46 29.50    2.2
                  eSg    46 45.80
BDI      1.12 256 P      46 29.30    0.5
                  eSg    46 43.90
PII      1.30 242 P      46 31.20   -0.6
                  eSg    46 48.80
ASS      1.33 162 P      46 34.90    2.5X
                  eSg    46 52.40
CTI      1.74 349 P      46 39.20    0.9
                  eSn    47 07.10
TRI      1.80  40 ePn    46 37.10   -2.0
                  iSg    47 11.50
FVI      2.30  12 P      46 51.50    5.2X
     S.D. = 1.5  on   9 of  11 obs.
-------------------------------------
?  FEB  08, 1992  21h 25m 47.14± 1.44s
   28.187 N ±17.2km   68.595 E ±11.9km
   DEPTH =  97.3 ± 14.2 km
   3.7mb (  4 obs.)
 PAKISTAN                          (710)

QUE      2.46 325 iPc    26 26.30   -0.2
                  eS     27 42.40
NDI      7.61  84 ePn    27 41.00    3.9X
        0.4s     12.71nm          4.9mb X
```

```
                    eS     29 19.00
HYB     14.10 137 eP     29 04.00    0.2
GKN     14.16  87 P      29 05.60    1.0
DMN     14.61  88 P      29 11.40    0.9
KKN     14.75  88 P      29 12.80    0.6
PKI     14.89  88 P      29 13.80   -0.2
GUN     15.27  87 P      29 17.00   -1.9
CHG     29.29 102 eP     31 42.00   -0.5
CHTO    29.29 102 eP     31 41.90   -0.5
        1.0s      4.00nm          4.0mb
KAF     43.80 333 eP     33 44.30   -0.2
GEC2    46.52 312 PKP    33 59.60   -6.9X
        0.7s      0.48nm          3.4mb
WRA     79.52 119 P      37 40.70   -4.2X
        0.5s      0.90nm          3.9mb
INK     82.41   8 eP     38 02.50    3.3X
YKA     89.60   1 eP     38 35.50    0.8
        0.8s      0.30nm          3.5mb
      S.D. = 1.0  on  11 of  15 obs.
-----------------------------------------
%  FEB  08, 1992  22h 13m 46.31± 0.72s
   42.669 N ± 5.9km   11.991 E ± 5.9km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                     (381)

MNS      0.58 119 P      13 57.70   -0.5
                  eSg    14 06.40
ASS      0.64  51 P      13 58.40   -0.7
                  eSg    14 07.30
MAO      0.67 248 P      13 59.70    0.1
                  eSg    14 09.50
CRE      0.96 358 P      14 04.30   -0.3
                  eSg    14 17.50
ARV      1.08  40 P      14 07.60    0.9
                  eSg    14 21.70
AQU      1.09 106 P      14 07.30    0.5
PGD      1.22 351 P      14 09.50    0.4
                  eSg    14 25.10
SFI      1.26 355 P      14 09.20   -0.4
      S.D. = 0.7  on   8 of   8 obs.
-----------------------------------------
*  FEB  08, 1992  23h 50m 56.48± 0.84s
   37.098 N ± 9.3km   29.570 E ±10.9km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                            (366)

ELL      0.44 142 iPn    51 05.50    0.0
KHL      1.22 358 iPn    51 18.60   -0.7
CIN      1.28 293 eP     51 20.00   -0.3
IZM      2.24 306 iPn    51 34.50    0.3
DST      2.61 344 iPn    51 40.50    1.0
EZN      3.73 318 ePn    51 55.00   -0.3
      S.D. = 0.8  on   6 of   6 obs.
-----------------------------------------
?  FEB  09, 1992  00h 08m 17.10± 1.91s
    5.212 S ±16.1km  147.243 E ±21.0km
   DEPTH = 119.1 ± 13.3 km
   4.5mb (  4 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

LAT      1.45 190 eP     08 48.70    4.4X
MDG      1.46 268 eP     08 46.00    1.7
YYYY     1.63 231 eP     08 45.80   -0.8
                  eS     09 02.90
MNDI     3.69 255 eP     09 12.00   -1.5
PMG      4.17 181 eP     09 19.90    0.1
                  eS     10 03.00
WB2     19.28 219 iPc    12 32.00   -3.2X
        0.3s     22.10nm          5.0mb
ASPA    22.40 214 iPd    13 06.60    0.0
        0.5s     20.10nm          4.7mb
WARB    28.69 221 eP     14 06.00    1.0
FORR    31.22 213 eP     14 27.40    0.1
        0.3s      2.00nm          4.3mb
YKA     98.37  28 eP     21 41.70   -0.6
        0.4s      0.20nm          4.0mb
      S.D. = 1.3  on   8 of  10 obs.
-----------------------------------------
%  FEB  09, 1992  00h 31m 04.52± 1.12s
   43.124 N ± 8.2km   1.004 W ± 9.8km
   DEPTH =  10.0km  (geophysicist)
 PYRENEES                          (378)
      ML 1.0 (STR).

BOH      0.02 195 Pg     31 06.52   -0.1
                  Sg     31 09.96
ELYF     0.05  11 P      31 06.69    0.0
                  Sg     31 09.93
MADF     0.14  81 Pg     31 08.04    0.2
                  Sg     31 12.44
ISSF     0.18 122 Pg     31 08.84    0.2
                  Sg     31 13.63
ATE      0.23 100 Pg     31 09.01   -0.4
                  Sg     31 14.47
      S.D. = 0.4  on   5 of   5 obs.
-----------------------------------------
*  FEB  09, 1992  01h 31m 53.01± 3.18s
   16.483 N ±28.2km   99.467 W ±11.7km
   DEPTH =  10.0km  (geophysicist)
 NEAR COAST OF GUERRERO, MEXICO  ( 58)

ACX      0.54 316 iP     32 03.50   -0.4
                  iS     32 12.00
III      1.88 360 eP     32 25.00   -0.7
                  iS     32 51.00
PPM      2.69  17 eP     32 36.50   -1.1
                  iS     33 13.00
OXX      2.69  77 iP     32 37.00   -0.4
                  iS     33 16.00
IIT      2.75  23 eP     32 39.00    0.7
                  iS     33 16.00
IISM     3.19  38 eP     32 45.00    0.9
                  (S)    33 22.00
MRX      3.60 333 (P)    32 51.00    1.0
      S.D. = 1.0  on   7 of   7 obs.
-----------------------------------------
?  FEB  09, 1992  02h 40m 25.62± 8.33s
   29.511 S ±36.6km   70.927 W ±75.6km
   DEPTH = 111.7 ± 39.6 km
 CENTRAL CHILE                     (136)

RTRS     1.43 118 iPd    40 52.00   -0.1
                  S      41 09.30
RTCB     2.69 138 iPc    41 08.80    0.4
                  S      41 39.80
RTLL     2.79 131 ePc    41 09.40   -0.2
                  S      41 43.50
CFA      3.12 133 iPd    41 14.00   -0.1
                  S      41 49.00
CYA      4.62  78 iP     41 34.50    0.0
RFA      5.64 159 iP     41 48.50   -0.1
      S.D. = 0.4  on   6 of   6 obs.
-----------------------------------------
%  FEB  09, 1992  03h 01m 05.95± 1.73s
   42.748 N ±10.8km   12.005 E ±13.7km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                     (381)

ASS      0.58  56 P      01 17.50   -0.2
                  eSg    01 27.60
MNS      0.62 126 P      01 18.40    0.0
                  eSg    01 28.10
CRE      0.88 357 P      01 22.30   -0.6
                  eSg    01 34.20
ARV      1.02  42 P      01 25.60    0.4
                  eSg    01 38.90
PGD      1.15 350 P      01 28.00    0.5
SFI      1.18 355 P      01 27.90    0.0
                  eSg    01 43.30
      S.D. = 0.5  on   6 of   6 obs.
-----------------------------------------
%  FEB  09, 1992  03h 26m 03.79± 2.00s
   42.729 N ±11.4km   12.013 E ±16.1km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                     (381)

ASS      0.59  54 P      26 15.40   -0.3
                  eSg    26 23.90
MNS      0.60 125 P      26 16.00    0.0
                  eSg    26 26.90
CRE      0.90 357 P      26 20.80   -0.3
                  eSg    26 31.20
ARV      1.03  41 P      26 23.60    0.4
                  eSg    26 36.80
SFI      1.20 354 P      26 26.30    0.2
                  eSg    26 41.00
      S.D. = 0.4  on   5 of   5 obs.
-----------------------------------------
?  FEB  09, 1992  03h 44m 26.12± 2.20s
   17.159 N ±13.9km  144.911 E ±20.0km
   DEPTH =  96.2 ± 25.0 km
   4.4mb (  5 obs.)
 MARIANA ISLANDS REGION            (215)

GUMO     3.55 181 eP     45 20.50    0.3
MAT     20.20 344 (P)    48 54.00   -1.5
DAV     21.37 244 eP     49 14.00    6.6X
BAG     23.31 272 eP     49 26.00   -0.5
SSE     25.64 307 P      49 48.50    0.1
        1.5s     19.00nm          4.4mb
      Z  20s      0.50um          4.0Msz
      E  14s      0.40um
                  S      54 16.00
BJI     33.75 318 eP     51 01.50    1.1
      Z  20s      0.42um          4.2Msz
WB2     38.30 196 eP     51 38.10   -1.0
        1.1s      5.30nm          4.4mb
LZH     40.90 306 eP     52 03.50    2.8X
        1.5s     17.00nm          4.7mb
      Z  20s      0.32um          4.2Msz
                  pP     52 11.00   25kmX
                  sP     52 15.00
                  eS     58 18.00
CHTO    43.66 279 eP     52 24.00    0.8
        1.0s      5.50nm          4.3mb
YKA     79.69  28 eP     56 25.00    0.7
        1.2s      1.20nm          3.6mb
SES     85.60  39 eP     56 59.00    4.0X
ZOBO   148.36  93 PKP    04 09.00    8.2X
                  LR     21 00.00
      S.D. = 1.2  on   8 of  12 obs.
-----------------------------------------
?  FEB  09, 1992  03h 55m 28.94± 0.98s
   10.462 N ± 8.0km   61.392 W ± 8.2km
   DEPTH =  10.0km  (geophysicist)
 TRINIDAD                          ( 98)
      MD 2.7 (TRN).

TPP      0.16 202 eP     55 32.92    0.4
                  eS     55 37.85
TRN      0.19 357 eP     55 33.88    0.8
                  eS     55 39.45
TBH      0.32  86 eP     55 35.13   -0.5
                  eS     55 42.17
TCE      0.42 303 eP     55 36.86   -0.8
                  eS     55 44.13
      S.D. = 1.3  on   4 of   4 obs.
-----------------------------------------
?  FEB  09, 1992  04h 00m 14.88± 2.62s
   16.108 N ±30.1km   95.610 W ±17.9km
   DEPTH =  33.0km  (normal)
   4.8mb (  5 obs.)
 OAXACA, MEXICO                    ( 60)
      Felt at Huatulco.

MEO     18.79 352 iPc    04 40.50    6.5X
VVO     19.15 360 eP     04 38.30    0.1
SIO     19.57 358 eP     04 42.50   -0.5
TUL     19.72 360 eP     04 44.20   -0.5
        2.0s    129.30nm          4.9mb
LNO     19.72 360 eP     04 43.80   -0.8
RLO     19.98   1 eP     04 46.60   -0.8
ACO     20.75 352 e(P)   04 59.10    3.7X
ANMO    21.13 335 P      04 59.50    0.0
ELC     21.84  14 P      05 06.50    0.2
FVM     22.27  11 P      05 12.30    1.7
GOL     25.00 342 P      05 38.40    0.9
GLD     25.00 342 P      05 37.50    0.1
BAR     25.22 315 eP     05 44.00    4.6X
PLM     25.75 316 eP     05 44.00   -0.5
PEC     26.27 316 P      05 48.60   -0.5
        2.2s     32.28nm          4.5mb
SRU     26.38 333 P      05 51.10    0.9
MWC     27.06 316 eP     05 57.00    0.4
DAU     27.77 334 P      06 03.40    0.3
DUG     28.28 331 P      06 07.50    0.0
BONR    29.55 322 P      06 19.30    0.1
LRM     32.81 338 eP     06 47.90    0.2
SES     36.40 343 eP     07 19.00    0.9
FFC     38.85 354 eP     07 39.00    0.4
        1.6s     34.00nm          4.9mb
YKA     48.22 348 eP     08 52.20   -1.9
        1.2s      2.10nm          4.0mb
INK     57.46 344 eP     10 02.00   -0.6
MBC     61.43 354 eP     10 30.00    0.1
        1.5s     13.00nm          4.8mb
      S.D. = 0.8  on  23 of  26 obs.
-----------------------------------------
   FEB  09, 1992  04h 41m 28.14± 1.00s
   26.798 N ± 6.8km  102.957 E ± 5.8km
   DEPTH =  13.4 ±  6.6 km
```

09d 04h

4.6mb (20 obs.)
SICHUAN, CHINA (307)

KMI 1.68 187 Pnc 41 56.40 -1.1
Pg 41 58.40
Sg 42 18.00
CHG 8.77 206 ePn 43 38.50 1.1
eSg 46 13.00
CHTO 8.77 206 eP 43 38.20 0.8
LZH 9.29 4 Pc 44 08.50 23.7X
1.5s 25.00nm
Z 12s 0.64um
pP 44 12.00
eS 45 52.50
Lg 46 27.00
e 46 36.00
GUN 15.22 278 P 45 04.40 -0.2
0.7s 36.00nm 4.8mb
PKI 15.64 277 P 45 09.60 -0.5
0.6s 16.00nm 4.4mb
KKN 15.75 278 P 45 11.00 -0.4
0.8s 47.00nm 4.7mb
DMN 15.91 277 P 45 11.80 -1.7
0.7s 19.00nm 4.4mb
GKN 16.32 278 P 45 19.60 1.0
0.9s 51.00nm 4.7mb
BJI 17.18 36 eP 45 30.00 0.7
2.0s 85.00nm 4.5mb
e 45 37.00
eS 51 00.00
ScP 51 30.00
NDI 22.85 281 eP 46 32.00 -0.1
IRK 25.46 2 eP 47 01.60 4.4X
e 47 06.80
WRA 55.54 144 P 51 04.40 -1.1
0.6s 1.90nm 4.3mb
WB2 55.55 144 eP 51 04.10 -1.4
0.7s 6.50nm 4.8mb
UPP 64.92 326 iP 52 08.60 -0.5
HFS 66.80 327 eP 52 20.30 -0.9
0.6s 3.10nm 4.7mb
NB2 67.76 328 P 52 26.40 -0.9
0.7s 1.90nm 4.4mb
GEC2 69.86 315 Pd 52 40.00 -0.6
0.6s 0.95nm 4.1mb
GRF 71.13 317 eP 52 50.00 1.8
FBA 73.75 25 e(P) 53 03.30 0.0
0.9s 5.00nm 4.6mb
MBC 73.91 10 eP 53 05.00 1.0
PMR 74.79 28 eP 53 09.30 -0.1
0.8s 4.83nm 4.6mb
LPG 75.47 314 eP 53 14.50 0.5
0.8s 8.05nm 4.8mb
LPL 75.48 314 eP 53 14.50 0.5
1.0s 8.00nm 4.7mb
INK 76.54 19 eP 53 19.00 -0.2
LOR 76.58 316 eP 53 19.50 -0.4
0.8s 4.05nm 4.6mb
SMF 76.85 316 eP 53 21.60 0.2
0.8s 3.35nm 4.5mb
SSF 76.88 316 eP 53 21.30 -0.2
AVF 77.09 316 eP 53 22.20 -0.5
0.8s 4.05nm 4.6mb
BCAO 83.05 271 ePc 53 56.10 1.0
0.5s 3.00nm 4.7mb
YKA 86.09 16 eP 54 09.50 0.0
0.8s 1.60nm 4.3mb
S.D. = 0.9 on 29 of 31 obs.

% FEB 09, 1992 05h 04m 39.78± 0.49s
42.498 N ± 3.8km 12.680 E ± 7.2km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

MNS 0.11 180 P 04 43.10 0.4
eSg 04 45.70
AQU 0.55 105 P 04 51.70 0.6
eSg 04 57.10
ASS 0.57 359 P 04 50.80 -0.6
eSg 04 58.40
RMP 0.69 179 P 04 53.20 -0.2
eSg 05 03.60
RDP 0.74 178 P 04 54.10 -0.2
eSg 05 06.80
AZI 0.76 132 P 04 54.50 -0.1
eSn 05 06.80
ARV 1.02 11 P 04 58.90 -0.1
eSg 05 11.80
SDI 1.16 133 P 05 01.10 -0.4
eSn 05 17.10
CRE 1.25 335 P 05 03.70 0.7
eSg 05 19.60
SFI 1.55 337 P 05 07.30 0.0
eSg 05 25.80
SGO 2.77 134 P 05 49.50 24.6X
eSg 06 01.90
ORI 3.74 129 P 05 50.00 11.2X
eSn 06 03.80
S.D. = 0.5 on 10 of 12 obs.

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* FEB 09, 1992 05h 37m 02.22± 2.00s
42.705 N ±11.5km 12.035 E ±16.0km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

MNS 0.57 124 P 37 13.90 0.0
eSg 37 23.20
ASS 0.59 51 P 37 14.20 0.0
eSg 37 23.80
CRE 0.92 356 P 37 20.30 0.4
eSg 37 33.00
ARV 1.03 40 P 37 21.70 -0.1
eSg 37 35.80
SFI 1.22 354 P 37 24.60 -0.3
eSg 37 41.00
S.D. = 0.3 on 5 of 5 obs.

FEB 09, 1992 06h 27m 26.97± 1.16s
43.378 N ±13.8km 4.414 E ± 6.0km
DEPTH = 10.0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)
ML 2.7 (LDG), 2.5 (STR).

PRAF 0.69 52 Pg 27 41.33 0.6
GELF 0.74 89 Pg 27 42.36 0.9
Sg 27 51.66
TREF 0.75 70 Pg 27 42.66 1.0
Sg 27 52.46
BERF 0.93 94 Pg 27 44.97 0.1
PUYF 0.95 80 Pg 27 45.69 0.6
CDR 1.03 73 ePgd 27 47.10 0.7
i 27 47.30
eSg 27 56.90
i 27 58.50
VILF 1.06 63 Pg 27 47.67 0.7
TAVF 1.22 78 Pg 27 50.57 0.9
LRG 1.42 86 Pn 27 51.80 -1.0
Pg 27 54.30
Sg 28 10.10
LMR 1.53 91 Pn 27 53.10 -1.2
Pg 27 56.30
Sg 28 13.60
FRF 1.64 83 Pn 27 54.50 -1.4
Pg 27 58.10
Sg 28 17.40
SBF 2.25 77 Pn 28 03.30 -1.5
Pg 28 09.70
Sg 28 35.80
CAF 2.29 313 Pn 28 06.00 0.6
Pg 28 14.30
Sg 28 42.50
LPO 2.67 300 Pn 28 11.80 1.0
Sg 28 55.30
RJF 2.83 314 Pn 28 13.70 0.6
Pg 28 22.10
Sg 28 59.00
EPF 3.00 265 Pg 28 29.10 13.6X
Sg 29 09.00
MAF 3.13 336 Pn 28 17.20 -0.1
Pg 28 29.20
Sg 29 07.40
SMF 3.29 353 Pn 28 18.00 -1.6
Pg 28 29.50
Sg 29 10.90
BGF 3.37 341 Pn 28 19.70 -1.0
Pg 28 32.60
Sg 29 13.30
S.D. = 1.0 on 18 of 19 obs.

% FEB 09, 1992 07h 29m 33.55± 0.65s
42.720 N ± 4.9km 11.915 E ± 6.2km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

MAO 0.64 242 P 29 46.00 -0.4
eSg 29 57.30
ASS 0.65 57 P 29 45.20 -1.4
eSg 29 54.80
MNS 0.66 120 P 29 46.30 -0.4
eSg 29 55.50
CRE 0.91 2 P 29 51.20 0.2
eSg 30 05.00
ARV 1.08 44 P 29 53.80 -0.1
eSg 30 09.00
RDP 1.13 148 P 29 55.00 0.2
AQU 1.16 108 P 29 56.50 1.3
eSg 30 11.60
PGD 1.16 353 P 29 55.00 -0.4
eSg 30 13.00
SFI 1.20 358 P 29 57.00 1.1
eSg 30 14.00
SDI 1.74 125 P 30 03.80 -0.2
S.D. = 0.9 on 10 of 10 obs.

FEB 09, 1992 07h 32m 59.44± 0.22s
31.090 N ± 4.5km 139.729 E ± 4.7km
DEPTH = 20.7km (3 depth phases)
4.9mb (29 obs.) 4.3Msz (1 obs.)
SOUTH OF HONSHU, JAPAN (211)

IIDJ 4.64 341 eP 34 16.50 6.4X
WKYJ 4.68 313 P 34 10.20 -0.5
S 35 04.80
CHJJ 4.98 353 P 34 16.70 1.8
KAKJ 5.12 4 eP 34 18.30 1.5
MAT 5.58 347 eP 34 27.00 3.6X
1.5s 263.89nm 5.7mb
eS 35 37.00
GUMO 18.05 164 eP 37 11.70 1.0
PJG 18.05 164 eP 37 12.50 1.8
GUA 18.11 164 eP 37 12.00 0.6
BJI 21.09 302 eP 37 45.00 0.2
2.0s 128.00nm 5.0mb
Z 20s 1.20um 4.3Msz
epP 37 56.00 44kmX
eS 41 44.00
BAG 22.77 234 eP 38 03.00 1.1
LZH 30.19 289 eP 39 10.50 -0.3
1.6s 29.00nm 4.9mb
Z 25s 0.53um 4.1MszX
E 15s 0.46um
pP 39 18.00 26km
sP 39 22.00
i 39 38.00
eS 44 10.00
sS 44 24.00
eSS 46 04.00
YAK 31.62 351 iPd 39 21.50 -1.3
1.8s 49.00nm 5.1mb
IRK 33.39 320 eP 39 39.00 0.6
Z 16s 0.72um 4.5MszX
N 16s 0.50um
e 40 54.70
LR 52 34.00
CHG 38.74 261 ePd 40 25.00 0.8
1.0s 16.25nm 4.7mb
CHTO 38.74 261 iP 40 25.10 1.0
1.0s 15.25nm 4.7mb
pP 40 30.80 19km
sP 40 35.70
GUN 46.60 280 P 41 29.20 0.8
1.1s 81.00nm 5.6mb
PKI 47.10 280 P 41 32.80 0.5
KKN 47.14 280 P 41 33.20 0.7
1.0s 36.00nm 5.4mb
DMN 47.34 280 P 41 34.00 -0.2
GKN 47.62 281 P 41 37.00 0.8
WB2 51.00 187 eP 41 59.50 -2.5
1.0s 10.00nm 4.7mb
WRA 51.00 187 P 42 00.20 -1.8
1.0s 7.00nm 4.5mb
SVW 51.13 34 ePd 42 03.50 0.9
1.3s 43.90nm 5.2mb
TTA 51.14 32 eP 42 02.60 -0.1
1.0s 9.90nm 4.7mb
PDB 51.74 36 P 42 06.10 -1.1
BRW 52.43 21 ePd 42 13.00 0.8
IMA 52.54 28 ePd 42 13.50 0.2
1.4s 11.20nm 4.6mb
KDC 52.58 39 P 42 12.30 -1.2
1.2s 63.41nm 5.4mb

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NDI     53.61 284 iPc    42 21.50    0.0
PMR     54.28  34 ePd    42 25.10   -0.8
        1.1s     24.60nm          5.1mb
RND     54.42  32 P      42 25.50   -1.6
ASPA    54.73 187 iPc    42 27.70   -2.0
        1.6s      9.50nm          4.6mb
FBA     54.91  30 eP     42 30.80    0.2
TOA     55.67  33 eP     42 36.60    0.4
KLU     55.82  34 P      42 36.20   -1.1
BALM    57.58  34 P      42 48.60   -1.3
DZM     58.74 151 iPc    42 58.00   -0.4
INK     60.33  25 eP     43 07.50   -1.2
MBC     62.61  15 eP     43 23.50   -0.5
        1.0s      9.00nm          4.9mb
YKA     69.66  28 eP     44 07.00   -2.1
        1.3s     10.10nm          4.8mb
DAG     71.57 355 iPd    44 20.40    0.0
        1.0s     22.00nm          5.2mb
MCW     71.87  44 P      44 23.40    0.6
GMW     72.41  45 P      44 27.00    1.0
KAF     72.95 333 eP     44 27.00   -1.9
RMW     73.04  45 P      44 30.50    0.7
SHW     73.36  46 P      44 32.80    1.1
LON     73.37  45 P      44 32.40    0.8
PNT     73.46  42 eP     44 31.00   -1.1
VGB     74.58  46 P      44 39.00    0.3
DPW     74.98  43 P      44 41.00    0.0
NEW     75.41  42 P      44 43.00   -0.4
        1.1s     12.35nm          4.9mb
LBFM    75.88  50 P      44 47.10    0.7
ORV     77.01  52 P      44 52.30   -0.2
SES     77.65  38 ePc    44 55.60   -0.3
                pP       45 01.00   17km
ARN     78.08  54 P      44 58.50    0.0
CMB     78.52  53 P      45 01.50    0.6
        1.2s     34.39nm          5.3mb
HFS     78.92 336 eP     45 05.20    2.6
        0.6s      1.40nm          4.2mb
NB2     79.11 337 P      45 02.30   -1.4
        1.0s      6.70nm          4.6mb
LRM     79.41  43 ePd    45 06.30    0.4
FFC     79.48  31 ePd    45 05.20   -0.5
        1.4s     35.00nm          5.2mb
HPI     80.20  45 P      45 11.50    1.3
TNP     80.64  51 P      45 12.90    0.4
        1.3s     27.04nm          5.1mb
ABL     80.96  55 P      45 15.10    0.8
HVU     81.48  46 P      45 17.30    0.5
SBB     82.03  54 eP     45 20.00    0.3
MWC     82.11  55 eP     45 21.00    0.7
DUG     82.35  48 P      45 22.10    0.8
        1.1s     12.38nm          4.9mb
RVR     82.71  55 eP     45 28.00    4.8X
BW06    82.86  44 P      45 24.20    0.1
        1.0s      4.50nm          4.6mb
DAU     83.20  47 P      45 26.80    0.8
KRA     83.22 326 eP     45 23.40   -2.0
                e        01 11.00
PLM     83.42  55 eP     45 26.00   -1.0
TPC     83.58  54 eP     45 27.00   -0.7
MSU     83.71  49 P      45 29.10    0.6
EMUT    83.82  47 P      45 29.70    0.6
BAR     83.92  56 eP     45 30.00    0.6
KSP     84.40 328 eP     45 31.00   -0.4
SRU     84.42  47 P      45 32.30    0.3
RSSD    85.22  40 P      45 36.00    0.0
        1.7s     23.99nm          5.1mb
CLL     85.53 330 eP     45 36.00   -1.0
        1.4s     18.00nm          5.1mb
GEC2    87.00 328 PKP    45 42.60   -1.9
        0.6s      0.30nm          3.7mb X
TIC    129.56 312 PKP    52 09.00   -0.1
KIC    129.60 311 PKP    52 09.20    0.0
LIC    129.88 312 PKP    52 09.60   -0.1
ARE    148.07  70 ePKP   52 43.00    0.2
ZOBO   150.65  66 PKP    52 53.50    6.4X
        1.5s     40.86nm
                LR       45 32.00
LPB    150.81  67 PKP    52 53.80    6.7X
        1.1s     50.63nm
      S.D. = 1.0  on  82 of  87 obs.
-----------------------------------------
   FEB  09, 1992  07h 49m 18.15± 0.18s
   51.494 N ± 4.5km  178.389 W ± 2.3km
   DEPTH =  35.2km  ( 16 depth phases)
   5.1mb ( 63 obs.)  4.3Msz (  2 obs.)
 ANDREANOF ISLANDS, ALEUTIAN IS. (  7)
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        ML 5.0 (PMR). Felt (III) on
        Adak.
        CENTROID, MOMENT TENSOR     (HRV)
        Data Used: GDSN
        L.P.B.: 17S, 24C
        Centroid Location:
        Origin Time        07:49:24.0 2.1
        Lat 51.80N 0.20 Lon 177.79W 0.23
        Dep  34.210.7 Half-duration  1.2
        Moment Tensor;    Scale 10**16 Nm
          Mrr= 2.07 0.38   Mtt=-1.37 0.41
          Mff=-0.70 0.36   Mrt=-0.65 1.18
          Mrf= 1.83 1.25   Mtf=-3.31 0.67
        Principal Axes:
          T  Val=  4.00   Plg=43   Azm=233
          N        0.45       46       39
          P       -4.45        7      136
        Best Double Couple:Mo=4.2*10**16
         NP1:Strike=265 Dip=55 Slip= 151
         NP2:         12      67       38
ADK       1.13  69 iPc    49 40.60    2.9
SMY       4.79 288 ePc    50 33.00    3.2X
SDN      11.34  63 eP     52 02.50    1.8
ANM      14.76  22 P      52 46.70    0.8
SVW      15.80  44 eP     53 03.30    3.9X
PDB      15.91  49 eP     53 02.78    2.1
KDC      16.19  57 eP     53 04.90    0.6
TTA      16.56  38 ePd    53 12.90    3.8X
SLKM     18.02  49 eP     53 27.71    0.5
PWA      18.55  46 eP     53 34.60    1.0
PMS      18.56  47 eP     53 33.80    0.0
PMR      18.86  46 eP     53 37.70    0.2
IMA      19.22  31 ePc    53 43.10    1.3
         0.9s     73.00nm          4.9mb
RND      19.65  41 eP     53 45.09   -1.5
KLU      20.31  48 eP     53 53.34   -0.2
TOA      20.36  46 eP     53 53.50   -0.5
FBA      20.70  38 eP     53 57.80    0.4
BALM     21.90  50 eP     54 10.17    0.5
BRW      22.15  18 eP     54 13.70    1.8
KUSJ     26.16 266 P      54 49.90   -0.8
ASAJ     26.93 270 P      54 59.20    1.4
INK      27.22  35 eP     54 59.00   -1.1
         0.4s     10.00nm          4.8mb
                  pP      55 18.00   83kmX
HOOJ     27.43 266 eP     55 00.50   -1.8
YAK      29.52 311 eP     55 19.00   -2.0
         1.4s     33.00nm          4.9mb
       Z  20s      0.50um          4.1Msz
       E  18s      0.40um
                  i       56 19.00 314kmX
                  i       02 06.00
                  e       05 54.00
OFUJ     30.33 262 P      55 29.10    0.7
YAMJ     31.90 262 eP     55 43.10    0.9
KAKJ     33.06 259 P      55 51.70   -0.6
NIIJ     33.12 261 iP+    55 53.70    0.9
MBC      33.40  22 ePc    55 55.50    0.6
         0.6s     11.00nm          4.9mb
CHJJ     33.89 260 P      56 00.00    0.5
MAT      34.06 261 iPc    56 01.60    0.6
         1.0s     60.00nm          5.5mb
MTMJ     34.28 262 P      56 04.10    1.1
IIDJ     34.93 260 iP+    56 09.70    1.2
YKA      34.97  47 eP     56 07.40   -1.1
         0.8s      8.50nm          4.7mb
MCW      35.04  72 ePc    56 09.98    0.7
GMW      35.57  74 ePc    56 14.62    0.8
                  epP     56 25.02   36km
TSRJ     36.08 262 P      56 18.80    0.6
RMW      36.20  74 eP     56 20.21    1.0
                  epP     56 31.24   39km
LON      36.54  75 eP     56 22.71    0.7
SHW      36.55  76 eP     56 23.92    1.7
                  epP     56 33.55   32km
PNT      36.65  70 ePc    56 23.00    0.1
         0.8s     54.00nm          5.5mb
VGB      37.77  76 eP     56 32.86    0.5
                  epP     56 42.99   35km
DPW      38.15  71 ePc    56 35.70    0.1
                  epP     56 45.63   34km
NEW      38.60  70 P      56 40.10    0.8
         1.0s    123.50nm          5.7mb
                  pP      56 50.70   37km
LBFM     39.34  82 eP     56 47.71    2.0
ORV      40.62  84 eP     56 56.54    0.5
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SES      41.08  64 eP     56 59.00   -0.7
ARN      41.94  87 eP     57 07.02    0.1
CMB      42.23  85 eP     57 10.08    0.7
         1.2s     13.37nm          4.5mb
                  epP     57 20.09   34km
LRM      42.59  71 ePc    57 12.30   -0.2
HPI      43.37  74 eP     57 19.09    0.2
                  epP     57 30.12   39km
BONR     43.58  84 eP     57 20.84    0.2
PHAM     43.60  88 eP     57 20.55    0.1
FFC      43.87  54 eP     57 21.00   -1.4
         0.6s      8.00nm          4.7mb
TNP      44.17  83 ePc    57 25.29    0.0
         0.9s     15.05nm          4.8mb
PTI      44.29  74 ePc    57 27.18    1.0
HVU      44.67  76 ePc    57 29.69    0.4
DUG      45.59  77 ePc    57 37.04    0.4
         1.2s     49.43nm          5.3mb
                  epP     57 46.48   31km
BJI      45.60 282 eP     57 37.00    0.6
         1.0s     22.00nm          5.0mb
       Z  24s      0.38um          4.3MszX
                  ePcP    59 14.00
SBB      45.95  87 eP     57 39.00   -0.3
BW06     46.02  73 P      57 40.00   -0.1
         1.2s     60.96nm          5.4mb
                  pP      57 51.10   39km
MWC      46.10  88 eP     57 37.00   -3.7X
DAU      46.41  76 ePc    57 43.81    0.6
RVR      46.68  87 eP     57 53.00    7.9X
MSU      47.02  79 iPc    57 48.48    0.5
                  epP     57 59.17   37km
PLM      47.43  88 eP     57 51.00   -0.2
TPC      47.44  86 eP     57 50.00   -1.1
SRU      47.65  77 ePc    57 52.93    0.0
BAR      47.99  88 eP     57 55.00   -0.5
SSE      48.26 269 iPd    57 58.00    0.6
         1.0s     81.00nm          5.7mb
RSSD     48.48  68 P      57 58.60   -0.7
         0.9s     20.91nm          5.2mb
GOL      50.40  73 P      58 14.70    0.6
                  pP      58 24.90   34km
ANMO     52.82  79 P      58 31.60   -0.8
         0.9s      4.83nm          4.5mb
                  pP      58 42.30   36km
ALQ      52.82  79 P      58 32.50    0.1
LZH      55.60 286 iPc    58 53.30    0.6
         1.0s    215.00nm          6.1mb X
       Z  20s      0.44um          4.5Msz
                  pP      59 48.00 246kmX
                  PcP     59 51.00
                  sP      00 11.00
ACO      56.07  72 iPc    58 55.20   -0.7
MEO      57.70  73 iPc    59 11.30    3.8X
SIO      58.40  71 ePd    59 11.20   -1.1
TUL      58.59  71 iPc    59 12.40   -1.3
         1.4s    120.40nm          5.8mb
                  e       59 23.60   38km
LNO      58.59  71 iPc    59 12.20   -1.3
                  e       59 16.40   14kmX
RLO      58.87  70 ePd    59 14.00   -1.6
VVO      59.02  71 ePc    59 15.70   -0.9
FVM      60.27  65 ePc    59 23.36   -1.9
         0.7s     43.67nm          5.7mb
ELC      61.44  65 eP     59 31.51   -1.6
LST      61.69  66 eP     59 33.43   -1.4
PWLA     63.74  66 ePc    59 46.59   -1.8
KMI      63.96 278 eP     59 50.00   -0.3
         1.0s     70.00nm          5.7mb
KAF      65.05 347 iP     59 54.90   -1.7
         0.5s     12.20nm          5.2mb
GBTN     65.42  63 ePc    59 58.47   -0.9
TKL      65.67  63 ePc    00 00.00   -0.9
NUR      66.82 348 iP     00 06.40   -1.5
         0.5s     12.70nm          5.3mb
NB2      67.55 355 P      00 11.70   -0.9
         0.6s      5.10nm          4.8mb
PRM      67.61  63 ePc    00 12.64   -0.6
CEH      68.07  60 eP     00 13.78   -2.3
JSC      68.08  62 ePc    00 15.66   -0.5
                  epP     00 26.13   34km
LHS      68.18  62 ePc    00 16.21   -0.6
UPP      68.25 351 iP     00 15.30   -1.5
HFS      68.30 354 eP     00 15.70   -1.5
         0.4s      8.30nm          5.2mb
       Z  16s      0.21um          4.5MszX
                  LR      22 11.00
```

OBN 69.86 339 iPd 00 26.40 -0.4
0.9s 19.00nm 5.1mb
e 00 47.00 78kmX
SHL 70.26 286 iP 00 29.50 -0.5
LOE 70.31 273 eP 00 29.00 -1.1
CHG 70.99 276 eP 00 34.00 -0.2
1.0s 16.25nm 5.0mb
GUN 72.05 292 P 00 42.00 1.1
BDT 72.13 275 eP 00 41.20 0.2
KKN 72.49 293 P 00 44.00 0.7
PKI 72.58 292 P 00 44.40 0.4
GKN 72.70 293 P 00 45.00 0.5
DMN 72.73 293 P 00 45.80 1.0
KHT 74.25 274 iPc 00 53.90 0.5
DZM 74.45 195 iPd 00 55.00 0.6
DMU 74.74 5 eP 00 56.00 0.3
DCN 75.27 5 eP 00 59.00 0.3
CLL 77.12 353 eP 01 08.00 -1.2
1.0s 13.00nm 4.9mb
KSP 77.28 351 eP 01 09.00 -1.1
BRG 77.47 352 i(P) 01 10.20 -0.9
MOX 77.88 354 eP 01 14.30 0.9
MEM 78.21 357 P 01 14.40 -0.7
PRU 78.30 352 eP 01 15.50 -0.2
SNF 78.35 358 P 01 16.40 0.5
DOU 78.76 358 P 01 17.80 -0.4
GRF 78.86 354 eP 01 19.10 0.3
1.0s 31.00nm 5.3mb
WLF 79.15 357 P 01 21.00 0.7
KHC 79.23 352 P 01 21.20 0.3
e 01 30.00 28km
GEC2 79.51 352 Pd 01 21.60 -0.8
0.6s 6.12nm 4.8mb
ZST 79.81 350 i(P) 01 25.30 1.4
CLI 79.87 342 eP 01 25.00 0.7
SRO 80.04 349 e(P) 01 25.60 0.5
FLN 80.11 1 eP 01 24.90 -0.6
0.8s 14.80nm 5.0mb
LDF 80.28 1 eP 01 25.80 -0.6
0.6s 10.80nm 5.0mb
CDF 80.36 356 eP 01 26.80 -0.2
0.6s 5.40nm 4.7mb
GRR 80.48 2 eP 01 26.90 -0.5
QUE 80.52 307 eP 01 28.50 0.2
VRI 80.63 343 eP 01 30.50 2.2
CVO 80.78 343 eP 01 31.00 1.8
HAU 80.80 357 eP 01 29.00 -0.2
0.6s 5.40nm 4.7mb
LPF 80.83 2 eP 01 29.50 0.2
0.7s 15.45nm 5.1mb
BRD 80.91 342 eP 01 33.00 3.2X
BSF 80.95 356 eP 01 29.70 -0.4
0.6s 7.20nm 4.8mb
MLR 81.14 343 ePc 01 33.00 1.8
KBA 81.29 352 iPc 01 32.30 0.3
0.7s 53.70nm 5.7mb
i 01 36.60 14kmX
SQTA 81.32 353 iPc 01 32.10 0.0
0.6s 12.10nm 5.1mb
CMP 81.52 344 ePd 01 48.00 15.0X
LOR 81.60 358 eP 01 33.30 -0.1
0.8s 10.05nm 4.9mb
SSF 81.81 359 eP 01 34.50 0.0
1.0s 22.00nm 5.1mb
FVI 81.82 352 P 01 34.60 0.1
LBF 81.88 358 eP 01 34.40 -0.5
0.9s 15.55nm 5.0mb
AVF 82.08 359 eP 01 35.90 0.0
0.8s 13.45nm 5.0mb
PTJ 82.20 350 e(P) 01 36.40 -0.2
SMF 82.22 358 eP 01 36.60 0.0
0.8s 19.50nm 5.2mb
WB2 82.27 224 iPc 01 36.70 -0.4
1.0s 8.70nm 4.8mb
MFF 82.27 1 eP 01 36.90 0.0
0.7s 11.00nm 5.0mb
WRA 82.27 224 P 01 36.80 -0.4
0.5s 4.00nm 4.7mb
BGF 82.32 359 eP 01 37.70 0.5
0.8s 7.40nm 4.8mb
CTI 82.45 353 P 01 36.90 -1.1
TCF 82.60 360 eP 01 38.40 -0.2
0.6s 4.50nm 4.7mb
LSF 82.64 0 eP 01 38.60 -0.2
0.6s 16.70nm 5.3mb
MAF 82.66 359 eP 01 38.20 -0.7
1.1s 29.30nm 5.3mb

VBY 82.67 350 ePc 01 38.80 -0.2
ePcP 01 43.10
RMQ 82.85 209 iPd 01 41.00 1.0
LPL 83.27 356 eP 01 43.30 0.9
0.7s 3.85nm 4.6mb
LPG 83.29 356 eP 01 43.50 0.9
0.7s 4.40nm 4.7mb
RJF 83.58 0 eP 01 43.50 -0.2
1.0s 24.00nm 5.3mb
BNI 83.73 356 P 01 46.40 1.8
BOB 83.88 354 P 01 46.00 0.7
LFF 83.94 1 eP 01 45.50 0.0
1.0s 54.00nm 5.6mb
CAF 83.96 360 eP 01 45.90 0.3
1.0s 26.00nm 5.3mb
LPO 84.20 0 eP 01 46.70 -0.1
1.0s 42.00nm 5.6mb
PLE 84.30 347 iPc 01 48.27 0.8
MME 84.37 353 P 01 49.10 1.1
HYB 84.41 291 iPc 01 48.50 0.2
1.0s 160.00nm 6.1mb X
BDI 84.51 354 P 01 48.20 -0.3
SFI 84.55 353 P 01 49.70 1.2
PGD 84.61 353 P 01 50.20 1.1
IVA 84.68 347 iPc 01 49.57 0.2
HVAR 84.83 349 iPc 01 49.30 -0.7
CRE 84.83 352 P 01 50.90 0.8
BRY 84.84 348 iPc 01 49.63 -0.6
PII 84.85 354 P 01 49.90 -0.1
NKY 84.87 347 iPc 01 49.90 -0.4
ARV 84.88 352 P 01 50.60 0.3
SBF 84.89 356 eP 01 50.40 0.0
0.8s 37.60nm 5.6mb
PVY 84.94 346 iPc 01 50.47 -0.2
TTG 85.21 347 iPc 01 51.17 -0.7
FRF 85.23 356 eP 01 52.00 0.1
0.8s 20.15nm 5.4mb
HCY 85.29 348 iPc 01 51.72 -0.6
ASS 85.33 352 P 01 53.00 0.4
LRG 85.34 357 eP 01 52.90 0.4
0.8s 17.45nm 5.3mb
BDV 85.41 347 iPc 01 53.23 0.3
LMR 85.46 356 eP 01 53.40 0.3
0.6s 10.80nm 5.2mb
ULC 85.66 347 iPc 01 53.80 -0.4
ARMA 85.72 206 iPc 01 46.30 -8.2X
1.0s 29.00nm 5.5mb
ASPA 85.75 223 iPc 01 54.90 0.2
0.9s 18.50nm 5.3mb
EPF 85.85 1 eP 01 54.40 -0.8
1.2s 8.95nm 4.9mb
AQU 85.97 351 P 01 56.00 0.2
MNS 86.01 352 P 01 55.60 -0.3
MAO 86.10 353 P 01 55.80 -0.6
PGF 86.12 355 eP 01 56.50 -0.1
0.8s 47.00nm 5.8mb
POO 86.24 295 iPc 01 55.50 -1.9
0.9s 129.41nm 6.2mb X
SDI 86.57 351 P 01 58.30 -0.5
MGR 87.94 349 P 02 04.70 -0.6
TDS 88.32 349 P 02 07.00 -0.1
SOI 89.92 349 P 02 13.00 -1.7
STK 90.17 213 iPc 02 30.60 15.0X
0.7s 8.40nm
TIC 121.81 8 PKPc 08 09.30 -0.8
0.6s 10.50nm
KIC 122.12 7 PKPc 08 09.84 -0.8
0.6s 18.50nm
LIC 122.23 8 PKPc 08 10.04 -0.8
0.6s 16.00nm
BCAO 122.44 340 iPKPd 08 10.90 -0.4
0.3s 15.00nm
SPA 141.31 180 iPKPc 08 39.80 -5.8X
1.0s 10.50nm
SLR 147.24 312 iPKPc 08 59.90 3.0X
0.7s 133.56nm
WIN 148.72 332 iPKPc 09 03.00 3.6X
1.0s 60.00nm
BLF 151.07 311 iPKPc 09 05.50 2.7X
FRS 152.02 312 iPKPc 09 04.70 0.8
0.7s 44.52nm
S.D. = 0.9 on 198 of 212 obs.

% FEB 09, 1992 08h 09m 54.30± 1.08s
42.764 N ± 6.0km 12.179 E ±12.0km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

ASS 0.47 49 P 10 04.50 0.7
eSg 10 12.00
MNS 0.53 135 P 10 03.90 -1.1
eSg 10 12.70
CRE 0.88 349 P 10 11.30 0.0
eSg 10 24.00
ARV 0.92 37 P 10 12.00 0.1
eSg 10 26.50
RDP 1.08 158 P 10 16.00 1.3
SFI 1.18 348 P 10 15.80 -0.5
eSg 10 33.40
SDI 1.61 130 P 10 22.50 -0.4
S.D. = 1.0 on 7 of 7 obs.

% FEB 09, 1992 08h 12m 52.50± 1.63s
42.679 N ± 8.9km 12.018 E ±14.9km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

MNS 0.57 121 P 13 04.30 0.2
eSg 13 12.00
ASS 0.61 50 P 13 04.80 -0.1
eSg 13 14.50
CRE 0.95 357 P 13 10.40 -0.3
eSg 13 25.30
ARV 1.06 39 P 13 12.60 0.1
eSg 13 28.00
SFI 1.25 354 P 13 15.90 0.3
eSg 13 33.10
SDI 1.65 125 P 13 21.50 -0.2
S.D. = 0.3 on 6 of 6 obs.

? FEB 09, 1992 09h 02m 51.25± 3.41s
7.990 S ±21.1km 131.271 E ±32.9km
DEPTH = 90.9 ± 32.7 km
4.2mb (3 obs.)
TANIMBAR ISLANDS REG., INDONESIA(281)

MTN 4.83 182 eP 04 04.00 1.1
KNA 8.09 197 eP 04 47.10 -0.9
0.3s 37.00nm 5.5mb X
eS 06 13.00
WB2 12.25 166 iPd 05 42.90 -1.1
0.2s 14.70nm 5.4mb X
eS 07 54.70
ASPA 15.79 171 iPd 06 30.10 0.4
0.4s 7.90nm 4.3mb
e 06 43.10
eS 09 23.30
WARB 18.62 193 eP 07 05.00 0.5
0.3s 4.00nm 4.2mb
STK 25.64 159 eP 08 38.40 24.3X
0.6s 1.60nm
CHG 41.54 310 eP 10 31.00 -0.6
CHTO 41.54 310 iP 10 31.30 -0.2
0.8s 3.48nm 4.2mb
GUN 56.55 311 P 12 27.60 0.3
GKN 57.53 310 P 12 34.40 0.5
ZOBO 149.17 142 ePKP 22 48.00 20.0X
S.D. = 0.9 on 9 of 11 obs.

FEB 09, 1992 10h 19m 36.02± 0.31s
19.440 N ± 4.2km 64.667 W ± 4.8km
DEPTH = 10.0km (geophysicist)
4.4mb (10 obs.) 4.2Msz (1 obs.)
VIRGIN ISLANDS (91)
ML 4.8 (FDF).

LPR 1.60 226 P 20 04.10 -0.4
CPD 1.83 221 P 20 07.50 -0.3
SJG 1.93 227 iP 20 09.00 -0.2
APR 2.19 244 P 20 12.90 0.0
CLLP 2.26 234 P 20 13.80 -0.2
PORP 2.32 234 P 20 14.30 -0.6
MEP 2.54 240 P 20 17.80 -0.2
CPB 3.24 123 eP 20 28.38 0.5
ANG 3.53 130 eP 20 31.21 -0.7
MGH 3.57 139 eP 20 33.16 0.5
BPA 3.58 131 eP 20 30.30 -2.4
MBET 3.59 138 eP 20 34.78 1.9
SEG 4.26 135 eP 20 41.34 -1.1
PAG 4.43 140 eP 20 44.90 0.0
S 21 34.00
DEG 4.63 132 eP 20 43.87 -3.9X
MGG 4.74 137 eP 20 48.59 -0.7
SVB 6.95 151 eP 21 22.55 2.1
TCE 9.14 162 eP 21 55.48 4.6X

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MORO     9.22 203 iP     21 52.70   0.6
TRN      9.29 160 eP     21 54.19   1.2
TPP      9.59 161 eP     21 53.39  -3.7X
TOV     10.80 208 eP     22 22.00   8.1X
SDV     11.98 210 eP     22 28.20  -1.8
HBF     19.44 317 P      24 09.40   3.7X
LHS     20.73 320 P      24 18.20  -1.0
CEH     20.74 325 P      24 19.30   0.0
JSC     20.87 318 P      24 19.60  -1.1
PRM     21.45 316 P      24 25.90  -0.8
CVL     22.04 330 P      24 36.60   4.2X
BLA     22.43 325 eP     24 36.00  -0.5
        0.9s    76.47nm          5.2mb
LVNJ    22.99 340 P      24 41.70  -0.1
TBR     23.12 341 P      24 43.90   0.8
TKL     23.34 318 P      25 03.00  17.6X
GBTN    23.62 317 P      24 48.60   0.5
ELC     27.85 315 P      25 27.60  -0.2
FVM     29.03 315 eP     25 39.80   1.4
        0.7s    14.29nm          4.9mb
VVO     31.64 306 eP     26 06.10   4.5X
                e        26 13.60
LNO     31.90 307 e(P)   26 05.90   2.2
TUL     31.90 307 e(P)   26 04.80   1.0
SIO     32.22 307 e(P)   26 03.50  -3.2X
NNA     33.45 202 eP     26 14.00  -3.5X
        0.7s    12.33nm          4.9mb
ZOBO    35.67 186 eP     26 36.00  -1.2
      Z  18s     0.38um          4.2Msz
                LR       41 52.00
LPB     35.90 186 P      26 38.00  -1.0
ANMO    39.95 302 eP     27 11.80  -0.7
        1.0s     4.25nm          4.1mb
BW06    44.26 312 P      27 48.20   0.4
        1 0s     4.17nm          4.2mb
PTI     46.28 311 P      28 05.70   1.9
HPI     47.01 312 P      28 09.10  -0.6
SES     47 86 321 eP     28 15.00  -1.0
TNP     49.00 304 P      28 25.10  -0.1
        0.7s     1.56nm          4.1mb
BONR    49.84 304 P      28 32.20   0.5
NEW     50.92 317 P      28 40.00   0.5
        0.9s     8.33nm          4.7mb
MDZ     52.18 184 eP     28 51.70   2.5
PEL     52.60 186 eP     28 50.50  -1.8
PCH     53.06 186 eP     28 57.00   1.3
CACH    53.56 186 eP     28 54.00  -5.4X
RFA     54.03 184 iP     29 04.80   2.0
YKA     54.90 334 eP     29 05.10  -3.8X
        0.9s     1.80nm          4.1mb
KIC     59.57  94 P      29 41.00  -1.7
MBC     63.14 347 eP     30 06.00   0.1
INK     64.30 337 eP     30 13.00  -0.5
FBA     69.67 333 P      30 46.40  -1.1
        0.6s     0.99nm          4.1mb
BCAO    82.14  88 ePc    32 03.00   4.0X
        0.7s     3.00nm          4.5mb
ARMA   145.46 244 ePKP   39 13.00  -3.6X
                i        39 18.00
     S.D. = 1.2  on  49 of  63 obs.
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   FEB  09, 1992  12h 44m 52.71± 0.23s
   29.627 N ± 4.2km    95.646 E ± 3.8km
   DEPTH =   9.8km  (  4 depth phoses)
   5.1mb ( 50 obs.)
 EASTERN XIJANG-INDIA BORDER REG.(313)

SHL      5.24 220 eP     46 12.40  -0.8
                eS       47 12.60
KMI      7.74 124 eP     46 43.00  -5.3X
        1.6s    80.00nm          5.7mb
                S        47 19.00
GUN      8.74 261 P      47 02.00  -0.4
PKI      9.23 260 P      47 08.20  -1.0
KKN      9.28 261 P      47 08.80  -1.0
LZH      9.43  45 eP     47 11.50  -0.3
        1.0s    47.00nm          5.8mb
      E  10s     2.72um
                pP       47 16.00
                sP       47 18.00
                i        47 47.50
                eS       49 05.00
                Lg       49 47.00
                Lg       50 05.00
DMN      9.48 260 P      47 12.60   0.1
GKN      9.79 263 P      47 14.40  -2.4
CHG     11.18 164 eP     47 36.50   0.9
CHTO    11.18 164 iP     47 36.80   1.2
NST     14.49 162 eP     48 32.00  12.2X
NDI     16.13 271 iPc    48 43.50   2.4
        0.5s    17.61nm          4.4mb
                eS       51 24.50
NNT     17.37 167 eP     48 57.70   0.8
BJI     19.75  53 eP     49 25.00  -0.6
        2.0s    51.00nm          4.5mb
      Z  16s     0.58um          3.9Msz
                e        49 32.00  27kmX
                e        49 51.00
HYB     19.80 236 eP     49 25.50  -0.8
SSE     22.08  80 P      49 50.00   0.5
        1.0s     9.00nm          4.2mb
      Z  12s     1.40um          4.6MszX
      N  12s     1.30um
                i        50 13.00 111kmX
                S        53 52.00
                sS       54 26.00
IRK     23.52  13 eP     50 05.90   2.4
        1.1s    33.00nm          4.8mb
                e        50 11.30  19km
                e        50 38.80
QUE     24.86 278 eP     50 18.30   1.3
                eS       54 48.70
YAK     39.30  25 eP     52 22.20  -0.9
        1.1s    40.00nm          5.0mb
KAF     54.65 327 eP     54 23.40  -0.3
VRI     55.20 307 ePd    54 30.00   2.1
NUR     55.41 325 eP     54 28.80  -0.4
ISR     55.44 307 eP     54 32.00   2.3
MLR     55.80 307 eP     54 34.00   1.6
UPP     58.95 325 iP     54 53.50  -0.7
SPC     58.99 312 eP     54 56.10   1.2
KRA     59.03 313 eP     54 55.30   0.4
SRO     60.53 311 eP     55 06.00   0.8
UZD     60.62 310 e(P)   55 06.00   0.1
HFS     60.87 325 eP     55 06.10  -1.3
        0.4s     2.00nm          4.6mb
KSP     61.16 315 iPc    55 10.50   1.0
ZST     61.23 312 iP     55 10.70   0.7
WRA     61.80 138 P      55 13.90  -0.4
        0.5s     3.80nm          4.8mb
WB2     61.81 138 iPc    55 13.80  -0.5
        0.5s     9.20nm          5.2mb
                i        55 59.60 198kmX
NB2     61.92 327 P      55 13.40  -1.2
        0.9s    11.30nm          5.1mb
PRU     62.45 314 eP     55 18.50   0.3
                e        55 19.50   3km
BRG     62.60 315 iPc    55 20.00   0.8
        0.8s    20.00nm          5.4mb
CLL     63.07 316 eP     55 23.00   0.7
        0.9s    13.00nm          5.1mb
VBY     63.14 309 eP     55 23.00   0.2
GEC2    63.27 313 Pd     55 23.10  -0.7
        0.6s     9.93nm          5.1mb
KHC     63.27 313 P      55 24.00   0.3
        0.8s     4.10nm          4.7mb
                i        55 25.00   3km
                e        55 41.00
LJU     63.47 310 eP     55 26.00   0.9
CEY     63.63 309 eP     55 26.00  -0.1
WET     63.71 313 eP     55 27.20   0.6
        0.8s    19.00nm          5.3mb
VOY     63.91 310 eP     55 28.10   0.1
KBA     63.98 311 iPc    55 28.70   0.1
        0.9s    12.20nm          5.1mb
                i        55 32.90  14km
MOX     64.09 315 eP     55 29.00  -0.1
        1.2s    14.00nm          5.0mb
ASPA    64.50 141 iPc    55 31.70  -0.3
        1.0s    14.40nm          5.1mb
GRF     64.60 314 eP     55 33.00   0.6
        0.9s    27.00nm          5.4mb
FUR     65.01 313 eP     55 35.50   0.4
        0.8s    53.00nm          5.8mb
OGA     65.56 311 iPc    55 39.40   0.5
        1.0s    14.00nm          5.1mb
OSS     66.19 311 eP     55 42.30  -0.6
WIT     66.40 319 eP     55 48.00   4.1X
WTS     66.58 318 eP     55 46.50   1.5
        1.0s    20.00nm          5.3mb
VDL     66.69 311 eP     55 45.50  -0.6
LLS     66.88 312 eP     55 46.50  -0.8
TMA     67.21 311 eP     55 48.40  -1.0
CDF     67.46 314 eP     55 50.50  -0.4
        1.0s    16.00nm          5.2mb
MEM     67.51 316 Pc     55 52.00   1.1
BSF     67.97 313 eP     55 53.40  -0.7
        0.7s     8.80nm          5.1mb
DIX     68.17 311 eP     55 55.50  -0.1
DOU     68.53 316 P      55 57.80   0.4
LPG     68.81 311 eP     55 59.40  -0.2
        0.8s    15.45nm          5.2mb
LPL     68.82 311 eP     55 59.30  -0.2
        0.8s    30.90nm          5.5mb
SBF     68.94 309 eP     55 59.50  -0.6
        0.8s    18.80nm          5.3mb
FRF     69.59 309 eP     56 04.00   0.0
        1.0s    16.00nm          5.1mb
LMR     69.76 309 eP     56 04.50  -0.6
        1.0s    16.00nm          5.1mb
LRG     69.82 309 eP     56 05.60   0.2
        1.0s    24.00nm          5.3mb
LOR     70.02 314 eP     56 05.80  -0.8
        0.8s     9.40nm          5.0mb
LBF     70.05 313 eP     56 06.20  -0.7
        0.8s    14.80nm          5.2mb
SMF     70.27 313 eP     56 07.60  -0.5
        0.7s    16.55nm          5.3mb
SSF     70.32 313 eP     56 07.80  -0.6
        0.8s    21.50nm          5.3mb
AVF     70.52 313 eP     56 09.20  -0.4
        0.8s    16.10nm          5.2mb
BGF     70.94 313 eP     56 11.60  -0.6
        0.8s    11.40nm          5.1mb
MAF     71.25 313 eP     56 13.30  -0.8
        0.7s     6.60nm          4.9mb
TCF     71.45 313 eP     56 15.00  -0.3
        0.8s    13.45nm          5.1mb
CAF     72.09 312 eP     56 19.90   0.7
        1.0s    13.00nm          5.0mb
FLN     72.11 316 eP     56 18.80  -0.3
        0.8s    13.45nm          5.1mb
RJF     72.29 312 eP     56 20.70   0.4
        0.8s    13.45nm          5.1mb
GRR     72.49 316 eP     56 21.10  -0.3
        0.8s    18.80nm          5.2mb
LPO     72.76 312 eP     56 23.10   0.0
        0.8s    10.75nm          5.0mb
SVW     72.89  29 P      56 22.30  -1.3
        1.1s    31.11nm          5.3mb
LFF     72.94 312 eP     56 24.30   0.2
        0.8s    14.80nm          5.1mb
FBA     73.81  23 P      56 28.20  -0.6
        1.1s    23.84nm          5.1mb
PDB     74.19  30 P      56 30.10  -1.0
STK     75.13 141 Pd     56 52.90  16.0X
        1.0s     2.60nm
PMR     75.26  27 P      56 36.10  -1.1
        1.1s    21.93nm          5.1mb
KLU     76.55  26 P      56 44.30  -0.3
BCAO    76.62 267 ePd    56 45.80   0.0
        0.6s     6.00nm          4.9mb
                i        57 06.20  76kmX
BALM    78.17  25 P      56 55.00   1.3
YKA     85.04  14 eP     57 28.60  -0.9
        1.0s     2.20nm          4.3mb
     S.D. = 0.9  on  87 of  91 obs.
-----------------------------------
*  FEB  09, 1992  12h 45m 37.44± 0.92s
   19.398 N ±11.8km   67.618 W ±18.8km
   DEPTH =  14.1 ±  4.3 km
   3.8mb (  1 obs.)
 MONA PASSAGE                      ( 89)

APR      1.26 138 P      46 00.60   0.1
MEP      1.38 154 P      46 02.20   0.0
                S        46 18.20
MGP      1.47 160 P      46 03.50   0.0
PORP     1.63 145 P      46 05.50  -0.2
CLLP     1.64 143 P      46 06.00   0.1
SJG      1.89 132 iP     46 09.60   0.0
                S        46 31.90
LPR      1.98 123 P      46 10.90   0.0
CPD      2.10 130 P      46 12.50  -0.2
YKA     53.75 335 eP     55 00.60  -0.5
        1.0s     1.00nm          3.8mb
INK     63.27 338 eP     56 08.00   0.5
                pP       56 39.00 128kmX
     S.D. = 0.3  on  10 of  10 obs.
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%  FEB  09, 1992  12h 57m 23.36± 1.24s
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   44.740 S ± 6.6km  167.582 E ±11.2km
   DEPTH = 103.0 ± 11.7 km
 SOUTH ISLAND, NEW ZEALAND          (162)

MSZ      0.25  74 Pc     57 37.20  -0.4
                  S      57 44.70
MMCZ     1.13 104 P      57 46.10   0.2
TLC      1.15 114 P      57 46.10   0.0
CMCZ     1.27 109 Pd     57 47.60   0.1
                  S      58 02.80
SBCZ     1.28 107 Pd     57 47.70   0.2
BCZ      1.28 172 Pd     57 47.30  -0.1
                  eS     58 03.00
LRCZ     1.30 105 Pd     57 48.00   0.2
LSCZ     1.32 107 Pd     57 48.20   0.1
BWZ      1.66  84 Pc     57 52.50   0.4
TUZ      1.89 131 P      57 54.90  -0.2
                  eS     58 15.20
SIZ      2.17 170 P      57 58.90   0.2
ODZ      2.20  99 Pd     57 59.10   0.0
                  S      58 22.00
EWZ      2.66  64 P      58 05.60   0.4
MOZ      3.79  76 eP     58 19.60  -1.0
LTZ      3.92  62 eP     58 21.60  -0.9
                  eS     59 04.60
DSZ      4.30  47 eP     58 28.00   0.3
QRZ      5.34  45 eP     58 42.70   0.6
     S.D. = 0.5  on  17 of  17 obs.
-----------------------------------------
   FEB  09, 1992  13h 06m 58.21± 0.79s
   44.209 N ± 4.3km    8.336 E ± 6.7km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                     (545)
      ML 2.5 (LDG).

CKI      0.22 349 P      07 03.00   0.0
                  eSg    07 05.40
SAOF     0.60 249 Pg     07 09.95  -0.5
AUTN     0.69 252 Pg     07 12.25   0.2
SBF      0.74 242 Pg     07 12.30  -0.4
                  Sg     07 22.30
AURF     0.80 246 Pg     07 13.83   0.1
                  Sg     07 24.90
TOUF     0.81 256 Pg     07 14.72   0.7
DOI      0.84 291 P      07 13.50  -0.9
MVIF     0.91 250 Pg     07 15.45  -0.3
                  Sg     07 27.87
CALN     1.14 247 Pg     07 20.50   0.9
FRF      1.38 243 Pg     07 23.50   0.0
                  Sg     07 41.00
LMR      1.59 237 Pg     07 26.00  -0.4
                  Sg     07 45.10
LRG      1.62 243 Pg     07 27.00   0.2
                  Sg     07 47.40
LPG      1.71 319 Pg     07 28.50   0.0
                  Sg     07 48.20
PGF      1.73 164 Pn     07 28.50  -0.1
LPL      1.73 319 Pg     07 29.20   0.4
                  Sg     07 48.60
     S.D. = 0.5  on  15 of  15 obs.
-----------------------------------------
*  FEB  09, 1992  13h 11m 23.30± 0.76s
   37.586 N ±14.2km   95.917 E ±15.9km
   DEPTH =  33.0km  (normal)
   3.9mb (  5 obs.)
 QINGHAI, CHINA                     (325)

LZH      6.53 101 ePg    12 58.50  -1.2
                  Sg     14 16.00
CHTO    18.89 171 eP     15 43.00  -0.6
      0.8s     0.73nm          3.0mb
UPP     52.72 322 iP     20 36.50  -0.1
APO     54.36 323 eP     20 47.70  -1.0
      0.4s     2.30nm          4.6mb
NB2     55.51 324 P      20 56.40  -0.7
      0.6s     1.90nm          4.3mb
WRA     67.69 141 P      22 21.40   1.9
      0.6s     0.60nm          3.9mb
INK     68.18  18 eP     22 23.00   1.1
YKA     77.28  14 eP     23 16.10   0.6
      0.7s     0.50nm          3.7mb
     S.D. = 1.3  on   8 of   8 obs.
-----------------------------------------
%  FEB  09, 1992  14h 00m 16.38± 1.47s
   38.816 N ± 6.7km   15.262 E ±15.8km
   DEPTH =  10.0km  (geophysicist)
 SICILY                             (398)
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ATN      0.67 166 P      00 31.10   1.3
                  eSg    00 40.00
CZI      0.79  59 P      00 33.60   1.9
SOI      0.97 140 Pd     00 33.00  -1.8
                  eSg    00 48.00
TDS      1.19  44 P      00 38.00  -0.5
                  eSg    00 57.50
CSI      1.25  39 P      00 39.60   0.0
ROI      1.27  53 P      00 39.30  -0.6
MGR      1.34  10 P      00 41.10   0.1
                  eSg    00 58.40
SGO      1.74   1 P      00 46.30  -0.5
     S.D. = 1.4  on   8 of   8 obs.
-----------------------------------------
   FEB  09, 1992  14h 37m 34.70± 0.31s
   29.660 N ± 5.0km   95.607 E ± 4.8km
   DEPTH =  10.0km  (geophysicist)
   4.8mb ( 17 obs.)
 EASTERN XIJANG-INDIA BORDER REG.(313)

SHL      5.25 220 eP     38 54.80  -0.4
                  eS     39 55.00
KMI      7.78 124 Pd     40 01.00  30.0X
                  pP     40 09.00
GUN      8.71 261 P      39 45.00   1.0
PKI      9.20 259 P      39 50.00  -0.7
KKN      9.26 261 P      39 51.40   0.0
LZH      9.43  45 eP     39 54.00   0.2
       1.0s    23.00nm          5.5mb
     Z  10s     0.32um          4.1Msz
                  pP     39 58.00
                  i      40 40.00
                  Lg     42 09.00
                  Lg     42 25.00
DMN      9.45 260 P      39 54.40   0.3
GKN      9.76 263 P      39 56.60  -1.7
CHG     11.22 164 eP     40 19.00   0.9
CHTO    11.22 164 eP     40 18.80   0.7
HYB     19.79 236 eP     42 08.50   0.3
MLR     55.76 307 eP     47 16.50   2.5
HFS     60.82 325 eP     47 49.00  -0.1
       0.4s     1.50nm          4.5mb
WRA     61.85 138 P      47 56.20  -0.3
       0.5s     2.40nm          4.6mb
WB2     61.86 138 iPc    47 55.70  -0.9
       0.7s     5.60nm          4.9mb
NB2     61.87 327 P      47 56.00  -0.3
       0.8s     3.60nm          4.6mb
GEC2    63.22 313 Pc     48 04.70  -0.7
       0.6s     3.15nm          4.7mb
TRI     64.04 310 eP     48 10.50  -0.2
ASPA    64.54 141 iPc    48 13.80  -0.5
       1.0s     8.80nm          4.9mb
GRF     64.55 314 eP     48 15.00   0.9
CDF     67.42 314 eP     48 32.60   0.1
       0.8s     5.35nm          4.8mb
BSF     67.92 313 eP     48 35.60  -0.1
       0.8s     5.35nm          4.8mb
LPG     68.76 311 eP     48 41.70   0.4
       0.7s     5.50nm          4.9mb
LPL     68.77 311 eP     48 41.70   0.5
       0.7s     7.15nm          5.0mb
LBF     70.01 313 eP     48 48.30  -0.2
       0.7s     4.95nm          4.7mb
SMF     70.22 313 eP     48 49.90   0.1
       0.8s     9.40nm          5.0mb
SSF     70.28 313 eP     48 50.20   0.1
       0.8s     9.40nm          5.0mb
AVF     70.48 313 eP     48 51.50   0.2
       0.9s     7.35nm          4.8mb
MAF     71.20 313 eP     48 55.40  -0.4
       1.0s     9.00nm          4.8mb
FBA     73.80  23 eP     49 11.30   0.6
       1.0s     0.90nm          3.8mb X
INK     75.80  17 eP     49 21.00  -1.2
YKA     85.02  14 eP     50 10.30  -1.0
       0.9s     0.90nm          4.0mb
     S.D. = 0.8  on  31 of  32 obs.
-----------------------------------------
%  FEB  09, 1992  17h 20m 20.29± 2.09s
   43.220 N ± 7.1km   13.057 E ±18.5km
   DEPTH =   5.0km  (geophysicist)
 CENTRAL ITALY                      (381)

ARV      0.29 343 P      20 25.40  -0.8
                  eSg    20 31.80
ASS      0.33 243 P      20 26.10  -0.8
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                  eSg    20 34.10
MNS      0.88 199 P      20 38.00   0.3
                  eSg    20 48.30
CRE      0.90 297 P      20 38.30   0.2
                  eSg    20 52.50
SFI      1.12 309 P      20 42.80   1.0
                  eSg    20 59.80
     S.D. = 1.1  on   5 of   5 obs.
-----------------------------------------
&  FEB  09, 1992  17h 28m 18.27s
   60.238 N          152.733 W
   DEPTH = 109.5km
 SOUTHERN ALASKA                    (  2)
      <AEIC>.

RED      0.18 354 iP     28 33.10   0.8
                  eS     28 45.34
RS1      0.22 357 eP     28 33.46   0.9
RSO      0.23 357 eP     28 33.38   0.8
RS2      0.23 357 eP     28 33.33   0.8
INE      0.24 223 iP     28 33.49   0.9
                  eS     28 45.86
RDW      0.25 351 eP     28 33.90   1.3
REF      0.25   4 iP     28 33.54   0.9
INW      0.26 230 eP     28 33.46   0.9
                  eS     28 45.90
DFR      0.36   4 iP     28 33.69  -0.9
                  eS     28 46.53
RDT      0.37  26 iP     28 33.90  -0.7
                  eS     28 46.86
NNL      0.75 105 eP     28 37.08  -0.1
PDB      0.86 239 eP     28 37.33  -1.0
BKG      0.87  15 eP     28 37.56  -0.9
XLV      0.94 147 eP     28 38.03  -1.0
AUE      0.94 200 eP     28 37.93  -1.1
AUP      0.94 202 eP     28 38.36  -0.9
AUI      0.97 201 eP     28 38.28  -1.1
                  S      28 54.19
CKL      0.98  11 iP     28 38.89  -0.8
SPU      1.00  19 iP     28 38.90  -0.9
CKN      1.03  15 eP     28 39.29  -0.7
CNPM     1.04 133 eP     28 39.20  -1.0
                  S      28 56.14
BGL      1.04   9 iP     28 39.68  -0.6
BRLK     1.04 116 iP     28 39.28  -0.9
                  eS     28 55.96
CRP      1.07  15 eP     28 39.92  -0.7
NCG      1.20  13 eP     28 41.51  -0.5
SLKM     1.28  77 eP     28 41.71  -1.1
MCNL     1.33 218 eP     28 42.14  -1.3
SUA      1.57  38 iP     28 45.50  -0.9
SEW      1.65  93 eP     28 44.99  -2.2
SVW      1.67 303 eP     28 45.95  -1.6
SKT      1.84  18 iP     28 48.36  -1.4
PMS      1.86  56 eP     28 48.63  -1.3
PWA      1.99  43 eP     28 51.42  -0.1
PLRM     2.22  51 eP     28 52.94  -1.6
KNK      2.40  59 eP     28 54.55  -2.5
CUT      2.48  28 eP     28 56.81  -1.1
MTU      2.56  93 eP     28 56.82  -2.2
SML      2.66  52 eP     28 57.85  -2.6
GLI      2.86  75 eP     29 00.42  -2.7
FID      3.14  78 eP     29 04.15  -2.7
       40 obs. associated
-----------------------------------------
?  FEB  09, 1992  17h 54m 23.52± 1.04s
     4.541 N ±14.7km  125.886 E ±16.2km
   DEPTH =  33.0km  (normal)
   4.8mb (  5 obs.)
 TALAUD ISLANDS, INDONESIA          (263)

WRA     25.71 161 P      59 37.30 -15.4X
       0.8s     0.20nm
WB2     25.72 161 eP     59 53.10   0.4
       0.3s     3.80nm          4.5mb
ASPA    29.11 165 iPc    00 24.30   0.7
       0.7s     4.60nm          4.3mb
CHTO    29.89 301 eP     00 30.80   0.1
       0.9s     1.07nm          3.6mb X
WARB    30.55 179 eP     00 37.10   0.7
MRWA    34.88 195 eP     01 14.00  -0.1
       0.5s     7.00nm          4.8mb
FORR    35.25 177 iPd    01 16.00  -1.2
       0.4s    11.00nm          5.1mb
COOL    35.51 187 eP     01 19.00  -0.5
BAL     36.03 194 eP     01 23.60  -0.2
       0.5s    12.00nm          5.1mb
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KLB     36.76 192 eP     01 30.00    0.1
MUN     37.47 194 eP     01 36.00    0.2
DZM     47.69 125 iPc    02 59.00   -0.3
     S.D. = 0.6  on  11 of  12 obs.
-----------------------------------------
   FEB  09, 1992  18h 12m 13.67± 1.03s
   38.065 N ± 9.0km   20.963 E ± 7.4km
   DEPTH =  10.0km  (geophysicist)
 GREECE                              (364)
      ML 3.5 (ATH). MD 3.5 (THE).

VLS      0.31 291 iPgc   12 19.50   -0.7
AGG      1.44  48 ePb    12 38.88   -0.9
                  eSb    13 01.56
KEK      1.88 331 ePg    12 51.00    4.9X
VLI      2.07 130 ePb    12 50.00    1.1
ATH      2.18  92 ePn    12 49.60   -0.8
KZN      2.32  15 ePb    12 56.00    3.4X
LIT      2.35  30 ePn    12 54.28    1.3
                  iSn    13 27.96
FNA      2.73   7 ePn    13 00.40    2.0
                  eSn    13 39.84
PAIG     2.82  48 ePn    12 58.92   -0.6
OHR      3.04 358 ePn    13 02.00   -0.8
OUR      3.26  45 ePn    13 04.48   -1.3
SOH      3.32  33 ePn    13 06.96    0.3
KNT      3.43  25 ePn    13 08.84    0.5
VAY      3.48  20 ePn    13 17.00    8.1X
SRS      3.66  33 ePn    13 11.20   -0.4
SKO      3.92   5 ePn    13 15.50    0.3
     S.D. = 1.1  on  13 of  16 obs.
-----------------------------------------
   FEB  09, 1992  18h 58m 53.49± 0.49s
   39.269 N ± 6.2km   15.003 E ± 6.6km
   DEPTH = 303.1 ±  6.5 km
   3.5mb (  1 obs.)
 SOUTHERN ITALY                      (390)

CZI      0.88  93 P      59 32.70   -1.0
ACI      0.93  85 P      59 33.50   -0.5
MGR      0.97  26 P      59 34.30    0.0
                  eSg    00 05.50
TDS      1.10  69 P      59 34.80   -0.2
CSI      1.12  63 P      59 35.40    0.3
ATN      1.16 162 P      59 34.10   -1.2
                  eSg    00 08.20
ROI      1.25  76 P      59 35.50   -0.3
SGO      1.31  10 P      59 36.50    0.5
MNO      1.36 190 P      59 37.10    0.5
SOI      1.45 145 Pd     59 35.80   -1.1
                  eSg    00 09.50
GIB      1.49 211 P      59 37.20   -0.1
USI      1.53 249 Pc     59 38.00    0.6
MEU      2.17 182 P      59 42.00   -0.3
BRT      2.33  46 P      59 42.10   -1.5
CVT      2.35 228 P      59 43.90    0.1
LVI      2.45 239 P      59 44.90    0.3
LCI      2.51  64 P      59 45.10    0.0
SDI      2.60 340 P      59 46.50    0.5
KEK      3.74  82 eP     59 57.00   -0.4
VLS      4.50 102 eP     00 07.00    1.1
SFI      5.21 334 P      00 15.80    1.8
KZN      5.32  77 eP     00 16.10    0.7
VLI      6.76 110 eP     00 34.00    1.3
CTI      7.21 341 P      00 40.00    1.8
FVI      7.50 348 P      00 43.80    2.3
LMR      7.57 305 eP     00 52.50   10.0X
       0.4s     4.60nm            3.8mb X
MDI      7.59 331 P      00 41.40   -1.2
FRF      7.60 307 eP     00 52.50    9.6X
       0.4s     3.45nm            3.7mb X
ORO      8.20 323 P      00 50.10   -0.2
LPG      8.72 318 eP     00 59.10    2.2
       0.8s    14.10nm            4.1mb X
LPL      8.74 318 eP     00 59.10    2.0
       0.6s     7.20nm            3.9mb X
GEC2     9.62 355 Pn     01 08.30    0.5
       0.5s     0.39nm            2.8mb X
MLR     10.20  49 ePc    01 18.00    2.9X
ISR     10.37  52 eP     01 23.00    5.9X
BSF     10.42 328 eP     01 20.30    2.6X
       0.4s     5.75nm            4.1mb X
CDF     10.70 331 eP     01 20.10   -1.0
       0.4s     2.30nm            3.7mb X
HAU     10.74 327 eP     01 20.20   -1.4
       0.4s     4.60nm            4.0mb X
GRF     10.76 347 eP     01 21.30   -0.5
                  e      01 25.40
SMF     11.00 316 eP     01 22.60   -2.2
       0.4s     4.00nm            4.0mb X
AVF     11.36 315 eP     01 28.30   -0.8
       0.4s     2.30nm            3.8mb X
LOR     11.39 318 eP     01 27 40   -2.1
       0.6s     3.60nm            3.8mb X
SSF     11.44 317 eP     01 28.40   -1.7
       0.6s     5.40nm            4.0mb X
LPO     11.61 302 eP     01 35.00    2.7
       0.6s     7.20nm            4.1mb X
MOX     11.62 349 eP     01 35.50    3.2X
LFF     12.01 303 eP     01 39.40    2.3
       0.6s     5.40nm            4.0mb X
LDF     14.32 316 eP     02 03.40   -1.6
       0.6s    10.80nm            4.4mb X
FLN     14.61 316 eP     02 06.70   -1.7
       0.6s    10.80nm            4.4mb X
KIC     37.29 214 P      05 38.80    0.2
LIC     37.54 214 P      05 41.00    0.4
YKA     70.82 338 eP     09 38.00   -0.8
       0.4s     0.40nm            3.5mb
     S.D. = 1.3  on  44 of  50 obs.
-----------------------------------------
%  FEB  09, 1992  19h 07m 44.27± 1.37s
   39.964 N ±10.8km   29.226 E ± 9.2km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                              (366)

IZI      0.42  27 iPg     07 52.70   -0.1
                  iSg    07 58.00
DST      0.58 232 iPg     07 56.10    0.0
                  iSg    08 05.60
YLV      0.61  11 iPg     07 56.60   -0.1
KCT      0.72 293 iPg     07 58.10   -0.4
HRT      0.92  21 iPn     08 02.10    0.2
BNT      1.07 292 iPn     08 04.10   -0.4
EDC      1.11 291 ePn     08 06.00    0.9
     S.D. = 0.5  on   7 of   7 obs.
-----------------------------------------
   FEB  09, 1992  19h 22m 58.43± 1.02s
   35.767 N ± 9.3km   22.312 E ± 5.6km
   DEPTH =  67.1 ± 11.6 km
   3.4mb (  1 obs.)
 CENTRAL MEDITERRANEAN SEA           (400)
      MD 3.6 (ATH).

VLI      1.08  28 iPbc   23 19.00    1.0
ATH      2.47  27 ePb    23 41.00    3.8X
NPS      2.74 100 ePn    23 40.50   -0.4
VLS      2.77 331 ePb    23 55.50   14.1X
AGG      3.25   0 eP     23 50.06    2.0
PAIG     4.29  14 eP     24 02.64   -0.1
LIT      4.33   2 eP     24 03.92    0.6
KEK      4.41 334 ePn    24 08.00    3.6X
KZN      4.55 355 ePn    24 07.00    0.5
OUR      4.75  16 eP     24 08.84   -0.2
FNA      5.06 352 eP     24 13.36   -0.2
SOH      5.11   9 eP     24 13.68   -0.6
KNT      5.41   5 iP     24 18.00   -0.4
SRS      5.44  10 eP     24 18.00   -0.8
OHR      5.47 348 ePn    24 19.30    0.1
SOI      5.52 296 P      24 21.10    1.2
VAY      5.55   2 ePn    24 19.70   -0.6
ROI      5.93 312 P      24 23.80   -1.9
ATN      5.98 296 P      24 26.00   -0.4
                  eSn    25 26.40
MEU      6.10 285 P      24 28.90    0.8
                  eSn    25 30.60
TDS      6.12 311 Pc     24 28.50    0.1
                  eSn    25 29.80
SKO      6.23 354 iPn    24 28.50   -1.4
BRT      6.49 323 P      24 32.20   -1.3
                  eSn    25 37.60
MGR      6.89 311 P      24 38.80   -0.2
                  eSn    25 47.40
GIB      7.00 291 P      24 40.50   -0.1
SGO      7.30 313 P      24 44.70    0.1
                  eSn    25 55.90
YKA     76.14 341 eP     34 42.40    2.1
       0.8s     0.40nm            3.4mb
WRA    118.96  95 PKP    41 40.00   -1.3
       1.1s     0.30nm
     S.D. = 1.0  on  25 of  28 obs.
-----------------------------------------
*  FEB  09, 1992  19h 27m 54.51± 0.74s
   13.354 N ±14.0km   89.226 W ± 9.2km
   DEPTH =  79.4 ±  5.2 km
   4.6mb (  2 obs.)
 EL SALVADOR                         ( 73)
      Felt (III) at San Salvador.

QZA      0.28  53 iPd    28 07.00    0.2
SJAS     0.32  10 iPd    28 07.10    0.0
VSS      0.39 358 iPd    28 08.10    0.5
TME      0.67 349 iPc    28 11.00    0.9
YPE      0.88 330 eP     28 13.70    1.1
CUSS     0.89 308 eP     28 11.00   -1.6
TPX      3.32 298 iP     28 44.00   -1.3
                  iS     29 16.00
PBJ      6.72 298 (P)    29 28.00   -4.5X
OXX      8.13 298 eP     29 52.50    0.3
PPM     10.67 303 eP     30 27.50    0.5
III     11.05 298 eP     30 31.00   -0.8
MRX     13.09 300 (P)    31 01.00    2.3X
SDV     18.77 102 eP     32 10.00   -0.5
TOV     19.36  98 eP     32 15.10   -1.7
MEO     22.96 340 iPc    32 53.00    0.2
ACO     24.89 341 eP     33 12.70    1.3
ZOBO    36.09 144 P      34 51.20   -0.1
     Z  24s      0.10um            3.5MszX
                  LR     47 36.00
LRM     37.86 333 eP     35 05.10   -0.4
FFC     42.47 349 eP     35 43.00   -0.2
       0.6s     8.00nm            4.7mb
YKA     52.30 345 eP     36 57.90   -1.9
       0.9s     4.80nm            4.5mb
INK     61.83 343 eP     38 06.00   -1.1
WB2    137.83 255 ePKP   47 14.00    1.6
       0.5s     3.40nm
WRA    137.84 255 PKP    47 13.40    1.0
       0.7s     1.40nm
HYB    147.13  22 ePKP   47 30.50    1.9
     S.D. = 1.2  on  22 of  24 obs.
-----------------------------------------
&  FEB  09, 1992  19h 39m 19.76s
   61.361 N          151.712 W
   DEPTH = 102.4km
 SOUTHERN ALASKA                     (  2)
      <AEIC>.

NCG      0.22 282 eP     39 33.96    1.0
CRP      0.23 246 ePc    39 34.23    1.1
SPU      0.24 223 iPc    39 34.00    1.0
                  eS     39 45.14
CKN      0.27 239 iPc    39 34.39    1.3
BGL      0.34 254 eP     39 34.72   -0.5
CKL      0.34 242 eP     39 34.56   -0.7
BKG      0.40 223 eP     39 34.77   -0.7
SUA      0.48  77 iPc    39 35.79   -0.2
                  eS     39 47.87
SKT      0.63   8 iPd    39 36.16   -0.9
                  eS     39 48.88
RDT      0.86 204 ePd    39 38.38   -0.9
DFR      0.91 212 iPd    39 39.00   -0.8
PWA      0.93  71 ePc    39 38.91   -0.9
                  eS     39 55.07
REF      1.00 209 ePd    39 39.99   -0.9
RS2      1.04 210 eP     39 40.61   -0.7
RSO      1.04 210 eP     39 40.35   -0.9
RS1      1.04 210 eP     39 40.44   -0.8
PMS      1.04  95 iPc    39 40.41   -0.8
                  eS     39 57.02
RED      1.08 209 iPd    39 40.76   -0.8
SLKM     1.12 139 ePc    39 41.23   -0.8
                  eS     39 57.54
CUT      1.25  32 iPd    39 42.72   -0.7
                  eS     40 00.09
PLRM     1.26  78 iPc    39 41.89   -1.7
                  eS     39 59.96
NNL      1.34 171 eP     39 45.40    0.9
GHO      1.40  72 iPc    39 43.80   -1.5
                  eS     40 03.20
INE      1.46 208 ePd    39 45.15   -1.1
INW      1.47 209 eP     39 45.39   -0.9
KNK      1.57  87 ePc    39 45.67   -1.7
                  eS     40 06.64
BRLK     1.65 165 eP     39 47.82   -0.7
SML      1.68  73 iPc    39 47.00   -1.8
SEW      1.68 138 ePc    39 47.47   -1.3
CNPM     1.86 172 eP     39 49.94   -1.1
HUR      1.89  30 eP     39 50.33   -1.2
                  S      40 13.53
SVW      1.91 264 eP     39 50.59   -1.2
```

09d 19h

```
XLV      1.91 180 eP     39 51.26  -0.5
PDB      2.00 219 iPd    39 52.11  -0.8
KNIM     2.20 116 eP     39 53.52  -2.0
TRF      2.20  17 ePd    39 54.31  -1.4
KTH      2.23   9 eP     39 55.12  -0.9
GLI      2.29 100 iPc    39 53.86  -2.9
LTI      2.31 123 eP     39 53.81  -3.3
MTU      2.43 123 eP     39 52.99  -5.6
RND      2.45  32 ePd    39 57.49  -1.4
VZW      2.51  95 eP     39 57.32  -2.5
FID      2.62 101 eP     39 57.85  -3.3
                  eS     40 29.20
MCK      2.71  27 eP     40 01.42  -0.9
TOA      2.74  72 ePc    40 01.66  -1.2
KLU      2.79  85 iPc    40 00.93  -2.6
BWN      3.00  19 eP     40 05.35  -1.0
TZL      3.07  74 ePc    40 05.96  -1.3
SDG      3.14  65 eP     40 07.00  -1.3
SGAM     3.29 102 eP     40 08.33  -1.9
WRH      3.53  26 eP     40 11.45  -2.1
MLY      3.71   6 eP     40 15.87  -0.2
HDA      3.75  33 eP     40 14.97  -1.6
GLB      3.80  85 eP     40 14.69  -2.6
KAIM     3.87 109 eP     40 17.92  -0.3
CROM     4.21  95 eP     40 20.29  -2.8
TGL      4.36  94 eP     40 22.84  -2.2
BALM     4.54  90 ePc    40 24.68  -2.9
YAH      4.97  97 eP     40 31.52  -2.1
CTGM     5.04  90 eP     40 32.56  -1.9
       60 obs. associated
-----------------------------------------
   FEB  09, 1992  19h 42m 09.17± 0.70s
   40.136 N ±12.1km   25.095 E ± 5.0km
   DEPTH =  10.0km  (geophysicist)
 AEGEAN SEA                          (365)
      MD 2.6 (THE).

OUR      0.87 283 ePg    42 26.70   0.7
                  eSg    42 39.66
EZN      0.99 108 ePn    42 27.30  -0.7
ALN      1.05  43 ePg    42 28.06  -0.9
                  eSg    42 42.02
PAIG     1.11 260 ePb    42 29.38  -0.5
SOH      1.49 298 ePb    42 36.14   0.0
                  eSb    42 56.14
SRS      1.51 311 ePb    42 36.14  -0.1
                  eSb    42 57.14
KNT      1.96 302 ePn    42 42.66  -0.2
                  iSn    43 07.26
BNT      2.17  83 ePn    42 48.00   2.1
DST      2.77 100 ePn    42 54.00  -0.5
     S.D. = 1.1  on   9 of   9 obs.
-----------------------------------------
&  FEB  09, 1992  19h 42m 30.46s
   61.215 N          157.933 W
   DEPTH =  34.8km
   3.1mb (  1 obs.)
 SOUTHERN ALASKA                     (  2)
      <AEIC>. ML 3.6 (AEIC), 3.2
      (PMR).

SVW      1.13  94 iPd    42 49 40  -0.6
TTA      1.94  27 ePd    43 00.80  -1.0
BGM      2.27 142 eP     43 05 73  -0.7
PDB      2.34 126 iP     43 05.98  -1.4
RDW      2.61 104 eP     43 09.32  -2.1
INW      2.63 114 eP     43 10.10  -1.5
DFR      2.64 101 eP     43 09 47  -2.2
RS2      2.64 104 eP     43 10.33  -1.5
RS1      2.64 104 eP     43 10 37  -1.5
RSO      2.65 104 eP     43 10 23  -1.7
RED      2.65 105 eP     43 10 19  -1.7
REF      2.66 104 eP     43 10.61  -1.5
INE      2.66 114 eP     43 10 72  -1.4
BGL      2.68  87 eP     43 11.87  -0.4
CKL      2.71  88 eP     43 12.10  -0.6
MCNL     2.71 137 eP     43 11.68  -1.0
BKG      2.75  91 eP     43 12.07  -1.3
RDT      2.78 101 eP     43 12.06  -1.6
CKN      2.78  87 eP     43 12.52  -1.2
CRP      2.79  86 eP     43 13.39  -0.6
SPU      2.85  88 eP     43 13.23  -1.4
AUP      2.92 128 eP     43 15.41  -0.2
AUI      2.93 128 eP     43 15.46  -0.3
AUE      2.94 127 eP     43 15.74  -0.1
SKT      3.16  73 eP     43 17.79  -1.2
SUA      3.47  83 eP     43 23.93   0.4
NNL      3.48 107 eP     43 23.96   0.5
CNPM     3.73 114 eP     43 26.08  -1.0
CUT      3.83  68 eP     43 26.98  -1.5
SLKM     3.84  97 eP     43 28.92   0.2
KTH      4.02  51 eP     43 28.86  -2.4
PMS      4.05  86 eP     43 32.90   1.3
PLRM     4.25  81 eP     43 33.26  -1.2
PMR      4.25  81 eP     43 34.70   0.3
KDC      4.45 139 P      43 37.70   0.5
RND      4.77  59 P      43 40.70  -1.2
ANM      4.78 318 eP     43 41.04  -1.0
MLY      5.03  37 eP     43 42.55  -3.0
IMA      5.23  19 eP     43 47.00  -1.4
TOA      5.67  76 eP     43 54.70   0.1
YKA     20.20  67 eP     47 04.30  -0.2
         0.9s     0.80nm          3.1mb
         41 obs. associated
-----------------------------------------
   FEB  09, 1992  19h 58m 04.13± 1.11s
   51.601 N ± 8.6km  151.467 E ± 6.1km
   DEPTH = 504.1 ± 16.1 km
   4.2mb ( 23 obs.)
 SEA OF OKHOTSK                      (663)

OFUJ    14.27 212 eP     01 06.40  -0.6
                  eS     03 38.20
YAK     15.74 320 iPc    01 21.90   0.3
         0.9s    41.00nm          5.1mb
MAT     17.77 217 iPd    01 41.60   0.0
         0.8s    28.36nm          4.9mb
TTA     29.69  47 ePc    03 29.80   0.3
         0.9s     8.90nm          4.3mb
SVW     30.01  51 eP     03 33.30   1.1
BRW     30.19  30 eP     03 33.70   0.1
IMA     30.67  41 ePc    03 38.00   0.1
         1.0s    22.40nm          4.7mb
RND     32.89  46 P      03 55.90  -0.7
FBA     33.17  43 ePc    03 59.60   0.7
         0.8s    26.00nm          4.8mb
LZH     36.98 264 Pd     04 31.70   0.7
         1.5s    20.00nm          4.4mb
INK     38.22  35 eP     04 40.00  -0.6
         0.5s    20.00nm          4.9mb
YKA     47.74  39 eP     05 54.90  -0.7
         0.8s     9.40nm          4.3mb
CHG     52.41 252 eP     06 30.50  -0.2
CHTO    52.41 252 eP     06 30.90   0.2
         0.8s     5.31nm          3.9mb
GUN     53.69 270 P      06 40.40   0.1
KKN     54.15 271 P      06 43.40   0.0
         0.6s    13.00nm          4.4mb
PKI     54.23 270 P      06 43.80  -0.3
DMN     54.39 271 P      06 45.40   0.3
         0.8s    21.00nm          4.5mb
GKN     54.40 271 P      06 45.20   0.1
FFC     57.75  41 iPc    07 07.00  -0.7
         1.0s    18.00nm          4.4mb
TNP     62.04  63 P      07 37.40   0.7
         1.0s     4.50nm          3.9mb
BW06    62.79  55 P      07 41.20  -0.2
         0.8s     2.14nm          3.7mb
NB2     63.29 340 P      07 43.00  -1.1
         0.8s     3.00nm          3.9mb
HFS     63.54 338 eP     07 44.50  -1.2
         0.4s     1.60nm          3.9mb
      Z  16s     0.26um          4.5MszX
                  LR     28 09.00
RSSD    64.54  51 P      07 52.20  -0.4
         0.7s     4.32nm          4.2mb
SRU     64.95  58 P      07 55.40   0.3
WB2     72.80 197 iPd    08 46.70   4.7X
         0.5s    11.30nm          4.7mb
GRF     73.56 334 eP     08 45.00  -1.1
GEC2    73.64 332 P      08 46.20  -0.4
         0.5s     0.78nm          3.5mb
LOR     77.66 338 eP     09 08.90   0.2
         0.4s     1.15nm          3.7mb
LPL     78.59 336 eP     09 14.90   1.0
         0.8s     4.05nm          3.9mb
LPG     78.61 336 eP     09 15.20   1.1
         0.8s     3.35nm          3.8mb
MAF     78.95 339 eP     09 16.40   0.9
         0.8s     8.05nm          4.2mb
     S.D. = 0.7  on  32 of  33 obs.
-----------------------------------------
   FEB  09, 1992  20h 01m 18.75± 0.83s
   37.059 N ± 8.5km   29.483 E ± 9.1km
   DEPTH =   5.0km  (geophysicist)
 TURKEY                              (366)

ELL      0.46 132 iPg     01 28.00   0.0
                  iSg     01 35.00
CIN      1.24 296 iPnd    01 42.00  -0.2
                  iSg     02 02.00
KHL      1.26   1 iPn     01 42.00  -0.7
IZM      2.21 308 iPn     01 56.50  -0.2
DST      2.63 345 iPn     02 02.60   0.0
IZI      3.27 360 ePn     02 12.00   0.2
BNT      3.51 340 ePn     02 16.00   0.9
CSS      3.76 123 eP      02 22.00   3.4X
     S.D. = 0.6  on   7 of   8 obs.
-----------------------------------------
%  FEB  09, 1992  20h 22m 48.80± 1.10s
   42.675 N ± 5.3km   11.991 E ±12.3km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                       (381)

MNS      0.59 119 P       23 00.90   0.2
ASS      0.63  51 P       23 01.20  -0.3
                  eSg     23 10.50
CRE      0.95 358 P       23 07.00   0.0
                  eSg     23 21.00
RMP      1.01 148 P       23 08.20   0.2
                  eSg     23 25.00
RDP      1.06 149 P       23 08.50  -0.4
ARV      1.08  40 P       23 09.30   0.2
                  eSg     23 25.00
SFI      1.25 355 P       23 12.00   0.0
                  eSg     23 30.00
     S.D. = 0.3  on   7 of   7 obs.
-----------------------------------------
%  FEB  09, 1992  21h 04m 17.36± 0.59s
   42.685 N ± 4.4km   11.978 E ± 6.0km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                       (381)

MNS      0.60 120 P       04 29.00  -0.5
                  eSg     04 39.00
ASS      0.63  52 P       04 29.70  -0.4
                  eSg     04 39.00
MAO      0.67 247 P       04 30.40  -0.2
CRE      0.94 359 P       04 35.50   0.1
                  eSg     04 50.00
RMP      1.03 148 P       04 37.00   0.3
                  eSg     04 52.50
RDP      1.08 149 P       04 38.00   0.3
ARV      1.08  41 P       04 38.00   0.4
                  eSg     04 54.00
SFI      1.24 356 P       04 40.40   0.1
                  eSg     04 58.00
     S.D. = 0.4  on   8 of   8 obs.
-----------------------------------------
   FEB  09, 1992  21h 33m 31.67± 0.40s
   41.678 N ± 5.7km  141.447 E ± 7.8km
   DEPTH = 102.2 ±  5.7 km
   4.4mb (  5 obs.)
 HOKKAIDO, JAPAN  REGION             (224)

MRRJ     0.80 340 iPd     33 50.50   0.1
                  eS      34 04.20
AOMJ     1.38 216 P       33 57.30   0.4
                  eS      34 16.00
HOOJ     1.54  62 iPd     33 59.70   0.8
                  eS      34 19.80
ASAJ     2.59  19 P       34 12.70   0.0
OFUJ     2.60 176 P       34 11.60  -1.2
                  S       34 41.30
KUSJ     2.80  58 iPd     34 14.50  -1.0
                  eS      34 45.40
YAMJ     3.66 198 P       34 27.30   0.0
NIIJ     4.82 204 P       34 43.70   0.6
KAKJ     5.55 191 P       34 49.40  -3.9X
                  S       35 50.20
MAT      5.71 207 eP      34 56.00   0.4
MTMJ     5.82 210 P       34 58.40   1.3
CHJJ     5.94 200 P       34 57.20  -1.4
IIDJ     6.78 205 P       35 10.00  -0.2
CHG     42.65 251 eP      41 20.50   0.9
CHTO    42.65 251 iP      41 20.80   1.2
         0.7s     3.34nm          4.3mb
FBA     45.22  35 iP      41 40.60   0.9
         0.9s     1.70nm          3.9mb
GUN     46.90 271 P       41 53.60  -0.3
KKN     47.41 272 P       41 57.00  -0.8
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        0.6s     19.00nm          5.1mb
PKI     47.43 271 P      41 57.60  -0.5
DMN     47.64 272 P      41 59.40  -0.2
GKN     47.78 272 P      42 00.00  -0.5
        0.6s     15.00nm          5.0mb
INK     50.28  29 eP     42 19.00   0.1
NB2     69.93 337 P      44 31.80  -1.4
        0.5s      0.80nm          3.8mb
SBB     74.91  57 eP     45 04.00   0.9
     S.D. = 0.9  on  23 of  24 obs.
-----------------------------------------
   FEB  09, 1992  21h 38m 42.73± 0.60s
   13.808 N ± 8.6km   90.612 W ± 5.3km
   DEPTH =  84.5 ±  4.9 km
   4.4mb (  9 obs.)
 NEAR COAST OF GUATEMALA          ( 71)
      Felt (II) at San Salvador, El
      Salvador.

CUSS     0.65  81 iPd    38 57.90  -0.7
YPE      0.96  71 eP     39 01.50  -0.5
TME      1.24  80 iPc    39 06.20   0.9
VSS      1.33  93 iPd    39 07.90   1.3
SJAS     1.41  96 iPc    39 08.00   0.4
OZA      1.60 100 iPc    39 09.90   0.0
TPX      1.93 305 iP     39 12.00  -2.4
                  iS     39 27.50
PBJ      5.32 300 (P)    39 55.50  -5.8X
OXX      6.73 300 iP     40 22.50   1.4
                  (S)    41 33.00
LVVM     8.12 317 (P)    40 38.50  -1.5
IISM     8.29 309 iP     40 43.00   0.8
IIT      9.02 306 eP     40 53.50   0.9
PPM      9.30 305 eP     40 57.50   0.9
III      9.65 299 eP     41 00.00  -1.0
TAC      9.93 305 (P)    41 14.00   9.1X
MRX     11.70 301 (P)    41 28.00  -0.4
COLM    13.63 295 (P)    41 53.00  -0.8
SDV     20.18 102 eP     43 11.20  -2.1
TOV     20.76  99 eP     43 20.80   1.8
PWLA    21.21   6 P      43 24.10   0.8
                  pP     43 39.50  69kmX
PRM     21.53  19 P      43 25.20  -1.3
                  pP     43 45.40  96kmX
OLY     21.62 358 P      43 28.80   1.4
                  pP     43 44.30  69kmX
VVO     21.93 349 eP     43 30.00  -0.5
JSC     22.07  21 P      43 31.90   0.0
                  pP     43 51.20  90kmX
MEO     22.09 342 iPc    43 32.20   0.1
LHS     22.41  22 P      43 37.00   1.8
SIO     22.44 348 eP     43 23.60 -11.9X
TUL     22.50 349 ePc    43 34.80  -1.2
        0.5s      6.60nm          4.3mb
     Z  18s       0.14um          3.4Msz
                  e      43 38.80
                  LR     49 56.00
LNO     22.50 349 e(P)   43 34.60  -1.3
GBTN    22.51  14 P      43 36.40   0.2
                  pP     43 55.90  90kmX
TKL     22.61  15 P      43 38.60   1.4
                  pP     43 56.60  81kmX
RLO     22.61 351 eP     43 36.60  -0.6
ELC     23.41   3 P      43 43.40  -1.5
                  pP     44 04.60  98kmX
ACO     24.04 343 e(P)   43 53.20   2.1
FVM     24.08   0 P      43 52.20   0.8
CEH     24.31  23 P      43 51.00  -2.6
                  pP     44 09.90  84kmX
ANMO    25.45 329 eP     44 05.90   1.3
        1.1s      5.70nm          4.0mb
                  pP     44 23.90  80kmX
GLA     29.21 315 P      44 37.70  -0.9
TPC     30.65 316 eP     44 51.00  -0.3
MSU     31.15 326 P      44 56.40   0.5
                  pP     45 12.40  66kmX
EMUT    31.41 329 P      44 59.00   0.8
                  pP     45 16.00  71kmX
DAU     32.08 330 P      45 04.90   0.8
                  pP     45 22.10  72kmX
DUG     32.71 328 P      45 10.30   0.9
        0.8s      2.21nm          4.0mb
TNP     33.79 321 P      45 19.70   0.9
        2.0s     58.07nm          5.1mb
                  pP     45 36.70  70kmX
HVU     33.87 330 P      45 20.70   1.3
PHAM    34.58 315 P      45 27.30   1.8
LRM     36.86 334 eP     45 44.60  -0.2
ZOBO    37.25 143 P      45 48.20  -0.6
     Z  24s       0.18um          3.8MszX
                  LR     54 42.00
ORV     37.35 319 P      45 50.10   1.4
LBFM    38.63 321 P      45 59.70   0.0
SES     40.10 340 eP     46 12.00   0.4
FFC     41.78 350 eP     46 24.00  -1.2
        1.3s     21.00nm          4.8mb
PNT     42.67 332 eP     46 34.00   1.5
YKA     51.53 346 eP     47 38.90  -2.8
        0.9s      1.70nm          4.1mb
VAO     56.25 130 eP     48 33.20  16.3X
INK     61.01 343 eP     48 45.00  -4.2X
                  pP     49 05.00  78kmX
RND     63.77 335 P      49 06.60  -1.2
                  pP     49 24.30  67kmX
FBA     63.95 336 e(P)   49 07.80  -1.1
        0.9s      0.60nm          3.5mb
                  pP     49 25.50  67kmX
RSO     64.47 331 P      49 11.10  -1.4
                  pP     49 29.70  70kmX
SVW     66.01 331 P      49 20.40  -1.8
        0.6s     12.77nm          5.0mb
                  pP     49 38.00  66kmX
ADK     76.86 321 P      50 27.90   0.9
        0.6s     34.48nm          5.4mb
                  pP     50 44.80  61kmX
KIC     84.51  85 P      51 07.40  -0.8
WRA    136.65 256 PKP    57 58.30   0.6
        0.7s      1.40nm
GKN    138.18   6 PKP    58 00.80   0.2
GUN    138.39   5 PKP    57 57.00  -4.3X
KKN    138.46   5 PKP    58 00.20  -1.0
DMN    138.62   6 PKP    58 01.60   0.0
PKI    138.69   5 PKP    58 01.20  -0.6
CHG    146.25 344 ePKP   58 15.00   0.3
        1.0s     11.25nm
LOE    146.68 338 ePKP   58 17.00   1.6
                  e      58 35.50
BDT    147.72 343 ePKP   58 17.00   0.0
NST    148.84 340 ePKP   58 28.00   9.1X
KHT    150.17 342 iPKPc  58 26.30   5.4X
     S.D. = 1.2  on  65 of  73 obs.
-----------------------------------------
%  FEB  09, 1992  21h 44m 31.56± 0.78s
   39.543 N ± 5.9km   29.156 E ± 7.1km
   DEPTH =  13.6 ±  4.8 km
 TURKEY                           (366)

DST      0.41 279 iPg    44 39.00  -1.2
                  iSg    44 45.00
IZI      0.83  17 iPn    44 46.00  -1.3
KCT      0.94 319 iPn    44 49.10   0.0
YLV      1.04   9 iPn    44 51.50   0.7
BNT      1.25 311 iPn    44 54.80   0.4
KHL      1.25 167 iPn    44 54.20  -0.4
EDC      1.28 309 ePn    44 55.00   0.1
HRT      1.34  17 iPn    44 56.10   0.3
ISK      1.52 357 ePn    44 59.00   0.6
IZM      1.87 233 iPn    45 04.50   1.1
EZN      2.20 278 ePn    45 08.00  -0.2
     S.D. = 0.9  on  11 of  11 obs.
-----------------------------------------
   FEB  09, 1992  22h 01m 58.40± 0.63s
   48.014 N ± 3.6km  152.968 E ± 2.1km
   DEPTH = 122.9 ±  6.2 km
   5.6mb ( 99 obs.)
 KURIL ISLANDS                    (221)

KUSJ     7.60 233 iP+    03 46.70  -1.1
                  eS     05 06.60
ASAJ     8.17 245 iP+    04 00.30   4.8X
HOOJ     8.85 234 eP     04 03.60  -1.1
                  eS     05 38.40
MRRJ    10.08 241 eP     04 22.20   1.1
                  eS     06 09.50
OFUJ    12.11 227 eP     04 45.00  -2.8X
YAMJ    13.62 229 eP     05 05.60  -1.9
NIIJ    14.86 229 P      05 22.20  -1.1
KAKJ    15.12 223 eP     05 26.30  -0.2
                  eS     08 04.10
MAT     15.80 229 eP     05 35.00  -0.1
        0.7s     23.97nm          4.6mb X
CHJJ    15.80 226 eP     05 35.00  -0.1
                  eS     08 24.80
MTMJ    15.98 230 P      05 38.60   1.2
MDJ     16.49 267 eP     05 44.00   0.5
        1.1s    160.00nm          5.2mb
MDJ     16.49 267 eP     05 40.52  -3.0X
                  eS     08 40.00
IIDJ    16.79 227 eP     05 47.80   0.5
TSRJ    17.72 231 eP     06 00.40   1.7
YAK     19.19 325 iPd    06 14.00  -0.6
        0.8s   4444.00nm          6.9mb X
                  ipP    06 33.00  96kmX
                  iPP    06 39.00
                  iPPP   06 49.00
                  iS     09 41.00
                  iSS    10 13.00
                  ePcP   10 30.00
                  iSSS   10 38.00
                  iScS   17 32.00
CN2     19.56 268 Pc     06 16.40  -2.3
        1.0s    140.00nm          5.3mb
ADK     19.83  67 eP     06 20.40  -1.0
SNY     21.63 264 iPd    06 40.00   0.5
        1.2s    120.00nm          5.1mb
                  S      10 30.00
HIA     21.90 286 eP     06 40.89  -1.3
                  eS     10 29.18
                  e      11 21.49
DL2     24.36 260 eP     07 07.00   1.0
BJI     27.42 267 ePc    07 33.17  -0.9
        1.5s     71.00nm          5.1mb
     Z  16s       0.29um          3.9MszX
                  ed     07 43.51
ANM     27.75  38 ePc    07 38.20   1.4
TIA     28.83 259 eP     07 46.80   0.0
SSE     29.49 247 Pd     07 53.50   0.8
        1.0s     18.00nm          4.7mb
     Z  16s       0.40um          4.1MszX
                  sS     13 10.00
HHC     30.13 272 iPc    07 58.00  -0.4
        1.4s    240.00nm          5.7mb
NJ2     30.30 251 Pc     08 00.00   0.2
        1.2s     60.00nm          5.2mb
IRK     31.00 296 ePd    08 05.50  -0.3
        1.4s     38.00nm          4.9mb
                  e      08 41.20
                  e      08 57.00
                  e      09 25.50
TIY     31.12 266 eP     08 07.40   0.3
     Z  14s       0.24um          4.0MszX
                  S      13 10.00
BTO     31.28 272 eP     08 08.00  -0.6
                  eS     13 06.00
TTA     31.55  43 iPc    08 11.50   0.9
        0.7s     79.10nm          5.6mb
                  e      11 00.50
SVW     31.66  46 iPc    08 12.80   1.2
        1.0s    157.90nm          5.7mb
PDB     32.39  49 P      08 17.60  -0.3
IMA     32.85  37 iPc    08 22.60   0.6
        0.6s    174.90nm          6.0mb
                  e      11 04.20
                  e      14 34.10
BRW     32.88  27 ePc    08 23.00   1.1
RSO     33.08  47 P      08 23.90  -0.2
KDC     33.45  52 ePc    08 26.40  -0.6
        0.7s     56.30nm          5.5mb
WHN     34.18 253 iPd    08 33.50   0.0
        1.0s     94.00nm          5.5mb
                  PcP    11 07.70
PMR     34.77  45 eP     08 38.10  -0.2
                  e      11 08.30
                  e      14 39.80
RND     34.81  42 P      08 38.00  -0.7
FBA     35.24  39 iPc    08 43.40   1.1
        0.9s    116.90nm          5.7mb
XAN     35.55 263 P      08 45.40   0.2
        0.6s     20.00nm          5.1mb
TOA     36.12  44 ePc    08 51.40   1.6
                  e      11 13.20
KLU     36.31  45 P      08 51.50   0.1
LZH     37.77 270 iPc    09 04.76   0.7
        1.0s    288.00nm          6.1mb
     Z  30s       0.29um          3.9MszX
                  i      09 38.00
                  PcP    10 07.00
                  pP     10 14.00 353kmX
                  i      15 30.00
BALM    38.09  46 P      09 06.90   0.5
GTA     38.69 277 iPc    09 12.00   0.3
```

09d 22h

	1.0s	17.00nm			4.8mb
			sP	09 33.00	
INK	40.64	33	iPc	09 28.00	0.9
	0.5s	79.00nm			5.7mb
CD2	40.90	264	iPc	09 30.20	0.4
	0.8s	130.00nm			5.7mb
GYA	41.91	256	iPc	09 38.80	0.6
	1.0s	160.00nm			5.7mb
SIT	42.62	50	eP	09 46.00	2.5
	0.9s	23.40nm			4.9mb
WMQ	44.39	290	eP	09 57.83	-0.2
QIZ	45.27	246	P	10 07.40	2.2
KMI	45.39	258	eP	10 06.55	0.2
	1.5s	350.00nm			5.9mb
YKA	49.97	37	eP	10 41.50	0.3
	0.8s	77.50nm			5.6mb
LSA	50.12	272	eP	10 44.42	1.1
			eS	17 44.47	
			iScS	20 19.08	
SHL	52.32	267	iP	10 59.50	-0.1
	0.9s	222.69nm			6.1mb
			eS	18 18.00	
CHG	52.33	256	iPc	11 00.30	0.8
	1.0s	78.75nm			5.6mb
CHTO	52.33	256	ePc	11 00.09	0.6
GMW	53.79	57	P	11 10.10	0.1
NST	53.87	252	eP	11 17.00	6.2X
KSH	54.12	291	P	11 12.50	-0.2
PNT	54.54	53	ePc	11 15.00	-0.5
	0.9s	49.00nm			5.4mb
LON	54.79	57	P	11 17.00	-0.4
GUN	54.80	274	Pc	11 18.20	0.1
SHW	54.87	58	P	11 19.00	0.9
KKN	55.28	274	Pc	11 21.20	-0.1
PKI	55.34	274	Pc	11 21.80	-0.1
DAG	55.38	358	iPd	11 19.00	-2.1
	0.7s	34.25nm			5.4mb
			ipP	12 19.00	273kmX
KHT	55.51	253	iPc	11 23.60	0.8
DMN	55.52	274	Pc	11 23.40	0.3
GKN	55.57	275	Pc	11 23.60	0.2
KEV	56.12	340	eP	11 24.00	-2.5
DPW	56.14	54	P	11 26.40	-0.7
NEW	56.49	53	P	11 29.00	-0.6
	1.0s	55.00nm			5.5mb
LBFM	57.96	62	P	11 40.90	0.7
SES	58.36	48	iPc	11 41.80	-0.8
	0.8s	40.00nm			5.5mb
			pP	11 56.00	52kmX
ORV	59.30	64	P	11 48.70	-0.5
FFC	59.84	40	iPc	11 52.50	-0.1
	0.8s	89.00nm			5.9mb
NDI	60.06	281	iPc	11 58.00	3.5X
LRM	60.51	53	eP	11 57.80	0.1
CMB	60.94	64	P	12 00.40	-0.1
	1.3s	29.31nm			5.1mb
HPI	61.52	55	P	12 04.90	0.3
BONR	62.25	63	P	12 09.60	0.1
KAF	62.26	335	iP	12 06.80	-2.0
	0.6s	40.40nm			5.6mb
PTI	62.47	56	P	12 11.90	1.2
TNP	62.81	63	P	12 13.00	-0.1
	0.7s	18.36nm			5.1mb
HVU	62.96	57	P	12 14.20	0.2
DUG	63.99	58	P	12 21.00	0.3
	0.8s	11.77nm			4.9mb
NUR	64.02	334	iP	12 18.40	-2.0
	0.3s	373.60nm			6.8mb X
			i	12 53.00	
BW06	64.08	54	P	12 21.30	-0.1
	0.8s	39.05nm			5.4mb
OBN	64.21	325	iPc	12 18.50	-3.2X
	1.3s	130.00nm			5.7mb
			e	12 52.00	
			i	14 41.00	
			e	15 17.00	
SBB	64.69	66	eP	12 25.00	-0.2
DAU	64.73	57	P	12 25.90	0.2
EMUT	65.38	57	P	12 29.90	0.1
RVR	65.43	66	eP	12 29.00	-0.9
MSU	65.48	59	P	12 30.90	0.5
PEC	65.63	66	P	12 30.50	-0.7
	0.8s	7.70nm			4.7mb
OUE	65.72	289	eP	12 31.00	-1.0
SRU	66.02	58	P	12 33.80	0.0
RSSD	66.09	50	P	12 34.00	-0.2
	1.0s	118.22nm			5.8mb

TPC	66.17	65	eP	12 34.00	-0.6
MAIO	66.18	298	iPc	12 34.00	-0.7
PLM	66.18	66	eP	12 34.00	-0.9
AKU	66.43	356	iPc	12 37.10	1.4
	0.9s	151.26nm			5.9mb
UPP	66.50	337	iP	12 34.40	-1.8
			i	13 03.00	
BAR	66.76	67	eP	12 38.00	-0.4
HYB	66.88	271	iPc	12 39.20	-0.1
	1.0s	200.00nm			6.0mb
NB2	67.00	341	P	12 38.00	-1.5
	0.7s	39.00nm			5.4mb
HFS	67.24	339	eP	12 39.50	-1.4
	0.4s	36.30nm			5.6mb
Z	16s	0.25um			4.5MszX
			LR	45 14.00	
GOL	68.48	54	P	12 49.90	0.6
POO	69.24	275	iPc	12 52.60	-1.4
WB2	69.68	199	iPc	12 55.50	-0.9
	0.7s	12.50nm			4.9mb
			i	13 43.50	
WRA	69.68	199	P	12 56.00	-0.4
	1.0s	4.50nm			4.3mb X
DZM	70.80	167	iPd	13 03.80	0.5
ANMO	71.26	59	P	13 06.50	0.3
	1.1s	8.23nm			4.5mb X
BSD	71.36	336	iPd	13 05.70	-0.5
	0.8s	120.00nm			5.8mb
COP	71.51	338	iPc	13 06.10	-0.9
	0.9s	201.68nm			5.9mb
MUD	71.60	340	iPc	13 07.60	0.1
	0.7s	55.00nm			5.5mb
ASPA	73.38	198	iPd	13 19.00	0.7
	0.7s	10.80nm			4.7mb
			e	13 52.80	
EDR	73.47	346	eP	13 17.80	-0.7
	1.0s	159.00nm			5.8mb
EDU	73.90	346	eP	13 20.30	-0.7
	0.9s	247.00nm			6.0mb
ELO	74.08	347	eP	13 21.50	-0.6
	0.9s	383.00nm			6.2mb
BRN	74.22	336	eP	13 23.50	0.6
RMQ	74.25	184	iP	13 24.20	0.9
	0.6s	12.00nm			4.9mb
			i	13 56.00	
KRA	74.26	331	eP	13 22.80	-0.4
	0.8s	75.00nm			5.5mb
EBH	74.26	347	eP	13 22.70	-0.4
	0.9s	369.00nm			6.2mb
ESY	74.44	346	eP	13 23.70	-0.4
	0.9s	153.00nm			5.8mb
EAB	74.45	347	eP	13 23.80	-0.4
	0.9s	265.00nm			6.0mb
EDI	74.52	346	eP	13 24.00	-0.6
	0.8s	125.00nm			5.7mb
EAU	74.64	346	eP	13 25.20	-0.1
	0.7s	288.00nm			6.2mb
EBL	74.65	346	eP	13 24.60	-0.7
	0.9s	121.00nm			5.7mb
KSP	74.73	333	iPc	13 25.40	-0.5
	0.9s	100.00nm			5.6mb
			e	16 13.20	
SPC	74.91	330	iPc	13 27.10	-0.1
SHI	75.00	298	eP	13 28.00	0.0
EKA	75.09	346	Pd	13 28.10	0.2
	0.9s	95.60nm			5.6mb
ESK	75.11	346	iPd	13 28.00	0.0
	0.5s	86.00nm			5.8mb
CLL	75.27	335	iP	13 28.20	-0.8
	1.3s	340.00nm			6.0mb
MSL	75.29	308	ePd	13 29.00	-0.3
			eS	21 05.00	
			eSS	27 27.00	
VRI	75.36	324	ePc	13 30.00	0.4
BRG	75.39	335	iPc	13 29.00	-0.7
	1.2s	100.00nm			5.5mb
			i	16 21.00	
BRD	75.52	324	eP	13 33.00	2.5
CVO	75.61	325	iPc	13 32.00	1.0
MLR	75.98	325	ePc	13 33.00	-0.2
PRU	76.01	334	iPc	13 33.20	0.1
	1.2s	97.70nm			5.5mb
			e	14 12.20	
KAS	76.03	317	iPc	13 33.80	0.3
ISR	76.03	324	eP	13 34.50	1.1
MOX	76.25	336	iPc	13 34.50	0.0
	1.2s	187.00nm			5.7mb

			i	13 53.00	
LNO	76.39	51	ePc	13 35.20	-0.2
TUL	76.39	51	eP	13 35.40	-0.1
	0.7s	33.00nm			5.2mb
NKC	76.40	335	eP	13 34.50	-0.7
HOF	76.48	336	iPc	13 35.80	0.0
	1.0s	202.00nm			5.9mb
MTUR	76.54	325	eP	13 38.00	1.7
PSN	76.58	322	iP	13 37.00	0.6
RLO	76.60	50	ePd	13 36.30	-0.4
SRO	76.74	330	iPc	13 37.10	-0.1
BUD	76.79	330	iPd	13 37.70	0.2
ZST	76.80	331	iPc	13 37.70	0.1
	0.8s	54.00nm			5.4mb
VVO	76.86	51	eP	13 38.20	0.1
BHD	76.97	305	iPd	13 39.00	0.3
VKA	76.99	332	iPc	13 38.40	-0.2
	1.7s	152.00nm			5.5mb
DMU	77.04	348	eP	13 38.80	0.0
	1.0s	302.00nm			6.0mb
KHC	77.06	334	iPc	13 39.40	0.4
	1.0s	92.50nm			5.5mb
			e	13 44.40	
			e	14 31.00	
BNS	77.12	339	iPKPc	13 39.30	0.0
	0.9s	265.00nm			6.0mb
GRF	77.23	336	iPc	13 40.60	0.7
	1.0s	440.00nm			6.2mb
			e(pP)	14 21.50	167kmX
WET	77.25	334	iPc	13 40.60	0.5
	1.0s	245.00nm			5.9mb
GEC2	77.28	334	eP	13 37.40	-2.9
	0.6s	23.67nm			5.1mb
TNS	77.48	338	iPc	13 41.50	0.1
FVM	77.49	46	P	13 41.00	-0.6
	0.7s	33.71nm			5.2mb
WARB	77.55	204	eP	13 43.00	1.1
DLF	77.57	348	eP	13 42.00	0.3
DCN	77.63	348	eP	13 42.00	0.0
	1.0s	278.00nm			6.0mb
UZD	77.72	330	iPd	13 42.80	0.2
UCC	77.94	340	P+	13 43.00	-0.7
ETA	78.11	347	iPd	13 45.00	0.3
PVL	78.12	324	iP	13 45.00	0.1
SNF	78.22	340	iPc	13 45.41	0.1
JMB	78.24	323	iPc	13 46.00	0.4
HRT	78.30	320	eP	13 46.00	0.0
BHG	78.53	334	iPc	13 47.70	0.6
	0.8s	111.00nm			5.7mb
DOU	78.54	340	iPc	13 47.20	0.1
WLF	78.57	339	iPc	13 47.65	0.4
FUR	78.59	335	iPc	13 47.80	0.3
	1.0s	240.00nm			5.9mb
BEO	78.60	328	iPd	13 45.80	-1.7
ELC	78.63	46	P	13 47.60	-0.2
ECP	78.63	347	iPd	13 48.10	0.6
	1.1s	580.00nm			6.3mb
YLV	78.64	320	eP	13 47.00	-0.9
IZI	78.78	319	iP	13 49.00	0.3
KBA	78.97	333	iPc	13 50.00	0.3
	0.8s	257.00nm			6.1mb
			i	14 07.30	
LST	78.99	47	P	13 50.00	0.3
DIM	79.02	323	eP	13 50.00	0.2
PGB	79.14	324	iPc	13 51.00	0.4
STR	79.16	337	P	13 51.19	0.7
PTJ	79.20	331	iPc	13 50.40	-0.4
ZAG	79.26	331	iPc	13 51.00	0.0
KCT	79.34	320	iP	13 51.00	-0.6
GRT	79.34	47	P	13 52.00	0.3
KDZ	79.40	323	iP	13 52.00	0.1
BNT	79.44	320	iP	13 52.50	0.4
CDF	79.45	338	P	13 52.29	0.1
EDC	79.47	321	iP	13 52.00	-0.3
SQTA	79.47	335	iPc	13 52.90	0.6
	1.1s	297.00nm			6.0mb
			i	14 10.00	
VTS	79.48	325	iPc	13 53.00	0.5
LJU	79.52	332	eP	13 52.00	-0.5
FVI	79.57	333	Pc	13 52.10	-0.6
LIBD	79.61	337	P	13 53.24	0.4
RZN	79.65	323	iPc	13 54.00	0.5
ECH	79.66	338	P	13 53.40	0.2
SLE	79.73	337	iPc	13 53.60	0.0
VOY	79.74	332	iPc	13 52.50	-1.2
DST	79.75	320	iP	13 54.00	0.1
FEL	79.75	337	P	13 53.83	0.0

VBY	79.77	331	iPc	13	58.50	4.7X
			ePcP	14	04.40	
			e	14	07.40	
ALN	79.77	322	eP	13	53.98	0.1
CEY	79.83	332	ePc	13	53.80	-0.4
OGA	79.84	335	iPc	13	55.20	0.8
	1.0s	188.00nm			5.8mb	
BNH	79.94	30	P	13	54.30	-0.4
VITF	79.96	338	P	13	55.02	0.2
MOF	80.00	337	P	13	55.19	0.0
ZLA	80.01	336	iPc	13	55.40	0.2
HAU	80.06	338	iPc	13	55.60	0.2
	0.8s	94.45nm			5.6mb	
Z	20s	0.15um			4.3Msz	
BSF	80.11	338	P	13	55.71	0.0
MMB	80.13	324	iPc	13	56.00	0.2
KKB	80.15	324	iPc	13	56.00	0.1
OSS	80.26	335	iPc	13	57.00	0.4
BBS	80.26	337	P	13	56.81	0.3
PLE	80.27	328	iPc	13	57.00	0.4
CTI	80.40	334	Pc	13	56.60	-0.7
LLS	80.41	336	iPc	13	57.80	0.3
IVA	80.49	327	iPc	13	57.80	0.0
LOMF	80.55	337	P	13	58.34	0.3
EZN	80.55	321	eP	13	57.00	-1.0
SRS	80.58	324	eP	13	58.06	-0.1
VDL	80.63	335	iPc	13	59.20	0.6
SKO	80.69	326	iPc	13	59.30	0.6
	1.0s	194.00nm			5.8mb	
			i	14	05.50	
PVY	80.70	327	iPc	13	58.59	-0.3
VAY	80.81	324	iP	13	59.70	0.3
	1.3s	194.00nm			5.7mb	
KNT	80.82	324	iP	13	59.61	0.2
NKY	80.86	328	iPc	13	58.95	-0.8
FLN	80.90	343	iPc	13	59.90	0.2
	1.0s	143.75nm			5.7mb	
Z	20s	0.15um			4.3Msz	
SOH	80.93	324	iP	13	59.57	-0.5
BRY	80.95	328	iPc	13	59.25	-1.0
LDF	80.99	342	iPc	14	00.30	0.1
PWLA	81.03	47	P	14	00.20	-0.4
EMM	81.04	28	P	14	00.20	-0.3
PRK	81.06	321	iPc	14	00.50	-0.2
OUR	81.09	323	eP	14	00.66	-0.1
TTG	81.10	327	iP	14	00.42	-0.4
SAL	81.13	334	Pc	14	00.90	0.0
TMA	81.15	336	iPc	14	01.30	0.0
MDI	81.21	335	Pc	14	00.60	-0.7
THE	81.24	324	eP	14	00.78	-0.8
GRR	81.33	343	iPc	14	02.40	0.5
IZM	81.35	320	iP	14	01.60	-0.7
LOR	81.36	339	iPc	14	02.50	0.3
	0.9s	140.75nm			5.7mb	
Z	20s	0.17um			4.4Msz	
HCY	81.36	328	iPc	14	01.24	-1.0
CSS	81.37	314	eP	14	02.70	0.3
BDV	81.39	327	iPc	14	01.54	-0.8
VAI	81.39	336	Pc	14	02.40	0.1
HVAR	81.44	329	iPc	14	01.40	-1.2
MMK	81.45	336	iPc	14	03.80	0.9
ULC	81.51	327	iPc	14	02.30	-0.7
ELL	81.53	317	iP	14	03.00	-0.4
PAIG	81.56	323	iP	14	02.93	-0.3
DIX	81.57	337	iPc	14	04.50	0.9
LBF	81.60	339	iPc	14	03.60	0.2
SSF	81.64	339	iPc	14	04.10	0.5
OHR	81.67	326	iPc	14	03.60	-0.3
	1.0s	307.00nm			6.0mb	
EMS	81.71	337	iPc	14	04.90	0.7
LPF	81.71	343	iPc	14	04.50	0.6
FNA	81.74	325	eP	14	03.90	-0.4
ORO	81.83	336	Pc	14	05.10	0.3
LIT	81.89	324	eP	14	04.14	-0.9
TBR	81.89	34	P	14	04.40	-0.6
AVF	81.93	339	iPc	14	05.70	0.6
SMF	81.95	339	iPc	14	05.80	0.6
SHMJ	81.95	311	P+	14	07.19	1.7
KZN	81.99	324	iPc	14	05.00	-0.6
BOB	82.21	335	Pc	14	07.20	0.5
BGF	82.26	340	iPc	14	07.30	0.4
SFI	82.27	333	Pc	14	08.00	1.1
LPL	82.27	337	iPc	14	08.20	1.0
LPG	82.28	337	iPc	14	08.40	1.0
	0.8s	167.90nm			5.9mb	
ARV	82.31	332	Pc	14	07.50	0.3
GBTN	82.31	44	P	14	07.10	-0.2

MME	82.37	334	Pc	14	08.60	0.8
CRE	82.50	333	Pc	14	08.80	0.5
BDI	82.52	334	P	14	07.80	-0.5
TKL	82.52	43	P	14	08.20	-0.2
SALJ	82.56	310	P+	14	09.48	0.7
MDSJ	82.57	310	P+	14	09.74	0.9
FIR	82.58	333	eP	14	09.00	0.5
PLDF	82.63	339	P	14	09.82	0.9
MAF	82.65	340	iPc	14	09.80	0.9
TCF	82.67	340	iPc	14	09.60	0.6
AGO	82.67	339	P	14	10.04	1.0
KFNJ	82.69	310	P+	14	10.07	0.8
BNI	82.72	337	Pc	14	10.30	0.9
BLA	82.73	40	P	14	09.80	0.3
	0.7s	12.08nm			4.9mb	
MASJ	82.77	310	P+	14	10.50	0.7
ASS	82.78	332	Pc	14	09.80	0.1
PII	82.85	334	Pc	14	08.90	-1.0
CKI	82.86	335	P	14	09.80	-0.2
LSF	82.86	340	iPc	14	10.30	0.4
AGG	82.87	323	eP	14	08.54	-1.6
MFF	82.89	342	iPc	14	10.80	0.7
	1.0s	128.00nm			5.8mb	
CVL	82.92	39	P	14	10.90	0.6
PYM	82.99	339	P	14	11.48	0.8
COLF	83.04	339	P	14	11.61	0.7
DOI	83.07	336	Pc	14	09.80	-1.4
AQU	83.19	331	P	14	12.70	1.0
BRT	83.20	328	P	14	11.50	-0.3
ATH	83.21	322	iPc	14	11.00	-0.8
KEK	83.27	325	iPc	14	11.50	-0.6
LISJ	83.28	310	P+	14	13.09	0.8
MNS	83.39	332	P	14	12.50	-0.3
LBL	83.42	339	P	14	13.79	0.9
AZI	83.51	331	Pc	14	13.60	0.4
SBF	83.61	336	iPc	14	13.90	0.0
SDI	83.64	330	Pc	14	13.70	-0.3
RJF	83.75	340	iPc	14	14.90	0.4
	1.0s	128.00nm			5.8mb	
MAO	83.85	333	P	14	14.80	-0.2
RMP	83.90	331	P	14	15.00	-0.3
RDP	83.95	331	P	14	15.70	0.1
CAF	83.99	340	iPc	14	16.40	0.7
FRF	84.11	336	iPc	14	16.60	0.3
	1.2s	95.20nm			5.6mb	
SGO	84.15	329	Pc	14	16.20	-0.3
ORI	84.19	328	Pc	14	17.50	0.7
CDR	84.24	337	iPc	14	17.60	0.6
LFF	84.28	341	iPc	14	17.60	0.5
LRG	84.28	336	iPc	14	17.80	0.7
	1.0s	171.90nm			5.9mb	
VLS	84.29	324	iPc	14	16.90	-0.4
LMR	84.35	336	iPc	14	18.00	0.5
PGF	84.37	334	iPc	14	17.80	0.0
	1.0s	60.00nm			5.4mb	
CEH	84.42	40	P	14	15.90	-2.0
LPO	84.42	340	iPc	14	18.00	0.2
	1.2s	160.65nm			5.8mb	
MGR	84.44	329	Pc	14	17.10	-0.9
PRM	84.47	43	P	14	18.50	0.2
CSI	84.50	328	P	14	18.20	-0.2
ROI	84.58	328	P	14	19.00	0.2
TDS	84.59	328	Pc	14	19.00	0.2
VLI	84.60	322	iPd	14	17.20	-1.7
NPS	84.69	319	iPc	14	18.00	-1.4
GRBF	86.08	339	P	14	26.00	-0.3
SOI	86.10	327	Pc	14	25.60	-0.7
EPF	86.18	340	iPc	14	25.80	-0.9
	0.8s	22.85nm			5.2mb	
ETER	86.27	338	iP	14	29.30	2.2
ENSF	86.39	340	P	14	28.37	0.5
MNO	86.71	328	P	14	28.80	-0.8
EGRA	87.12	340	iP	14	31.00	-0.2
ERC	87.35	330	P	14	32.40	0.0
MEU	87.37	328	P	14	32.80	0.2
LVI	87.48	330	P	14	32.90	0.0
ESEL	88.65	337	iP	14	39.80	1.2
ETOR	88.82	341	iP	14	40.00	0.5
TOL	90.14	343	iPc	14	46.00	0.4
	1.1s	63.29nm			5.6mb	
EPLA	90.35	344	iP	14	46.90	0.3
AKUR	90.61	308	iPc	14	51.30	3.4X
AKSR	90.68	307	iPc	14	49.00	0.7
AGRW	90.79	308	iPc	14	49.50	0.7
ANMR	90.91	308	eP	14	50.00	0.7
EVIA	91.01	341	iP	14	50.00	0.3
EBAN	91.74	342	iP	14	53.40	0.4

EHUE	91.82	341	eP	14	53.80	0.4
EHOR	92.36	343	iP	14	56.20	0.4
ENIJ	92.54	340	eP	14	56.10	-0.6
ECOG	92.54	341	iP	14	56.50	-0.3
EGUA	92.97	341	iP	14	58.40	-0.3
EPRU	93.19	343	eP	14	59.90	0.2
EJIF	93.73	343	iP	15	02.40	0.2
BCAO	114.32	309	ePKPc	20	28.10	2.8X
	0.7s	6.00nm				
			i	21	14.10	
TIC	122.22	334	PKPc	20	39.16	-1.1
	0.8s	14.00nm				
KIC	122.41	333	PKPc	20	39.44	-1.1
	1.2s	31.50nm				
LIC	122.62	334	PKPc	20	39.92	-1.1
	0.9s	11.50nm				
KRI	124.53	284	iPKPc	20	32.20	-12.6X
ZOBO	133.83	61	PKP	21	02.60	-0.6
LCCH	143.79	83	iPKP	21	17.20	-2.9X
ROCH	143.86	82	ePKP	21	17.50	-3.0X
PEL	144.18	82	iPKPc	21	18.20	-2.6X
LNV	144.18	83	ePKP	21	17.70	-3.0X
TACH	144.32	83	iPKP	21	18.60	-2.4X
SAN	144.38	82	ePKP	21	19.00	-2.1X
RTCB	144.39	78	iPKPd	21	19.50	-1.8
PCH	144.58	82	iPKP	21	19.80	-1.8
CHCH	144.68	83	iPKP	21	20.00	-1.7
CACH	144.82	83	iPKP	21	21.00	-1.0
CFA	144.83	77	iPKPd	21	20.40	-1.6
PPD	147.59	45	ePKP	21	29.20	2.5X
			e	21	31.40	
BMA	151.27	34	ePKP	21	38.70	6.3X
	S.D. = 0.8	on 371 of 389 obs.				

% FEB 09, 1992 22h 33m 13.51± 1.78s
28.854 S ±20.6km 67.848 W ±16.5km
DEPTH = 33.0km (normal)
LA RIOJA PROVINCE, ARGENTINA (138)

CYA	1.85	78	iP	33	43.50	0.0
			S	34	01.00	
RTRS	1.92	227	iPc	33	44.70	0.2
			S	34	10.20	
RTLL	2.53	192	iPd	33	53.00	-0.2
			S	34	15.00	
RTCB	2.75	197	iPc	33	56.50	0.2
			S	34	29.50	
CFA	2.76	187	iPc	33	56.80	0.3
			S	34	31.00	
RTBS	3.12	206	iPd	34	01.00	-0.5
			S	34	39.00	
RFA	5.92	185	iPd	34	37.40	-3.9X
	S.D. = 0.4	on 6 of 7 obs.				

% FEB 09, 1992 23h 26m 38.49± 0.99s
43.074 N ±14.5km 0.611 W ± 5.5km
DEPTH = 5.0km (geophysicist)
PYRENEES (378)
ML 1.0 (STR).

ESCF	0.03	80	Pg	26	39.62	-0.1
			Sg	26	40.56	
ATE	0.07	280	Pg	26	40.00	-0.2
			Sg	26	41.47	
OGE	0.14	47	Pg	26	41.47	0.1
ISSF	0.14	251	Pg	26	41.62	0.1
			Sg	26	44.09	
MADF	0.17	295	Pg	26	42.08	0.1
			Sg	26	45.11	
	S.D. = 0.2	on 5 of 5 obs.				

% FEB 09, 1992 23h 30m 52.90± 1.27s
42.757 N ± 6.8km 12.033 E ±13.4km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

ASS	0.56	56	Pc	31	04.00	-0.3
			eSg	31	12.00	
MNS	0.61	128	P	31	04.30	-0.9
			eSg	31	14.10	
CRE	0.87	356	P	31	09.60	-0.1
			eSg	31	21.90	
ARV	1.00	42	P	31	12.40	0.6
			eSg	31	28.00	
RDP	1.12	153	P	31	14.50	0.6
SFI	1.17	354	P	31	14.30	-0.4
			eSg	31	32.40	

09d 23h

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     S.D  = 0.7  on   6 of   6 obs.
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   FEB  09, 1992  23h 49m 04.40± 1.24s
   41.741 N ±10.2km   22.861 E ± 6.9km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION        (383)
       ML 2.5 (SKO). MD 3.0 (THE).

VAY      0.47 208 iPg    49 13.50  -0.5
                  iSg    49 20.50
KNT      0.58 177 ePg    49 15.70  -0.4
                  eSg    49 23.34
SRS      0.83 138 iPg    49 20.10  -0.4
                  eSg    49 31.22
SOH      0.99 158 ePg    49 23.42   0.2
                  eSg    49 36.90
SKO      1.09 283 ePg    49 25.00   0.2
                  i      49 28.00
                  iSg    49 39.90
                  Lg     49 42.00
THE      1.11 176 iPg    49 25.46   0.3
FNA      1.47 230 ePb    49 31.30   0.3
OUR      1.64 149 ePb    49 33.22  -0.1
                  eSb    49 55.02
LIT      1.66 190 iPb    49 34.90   1.2
OHR      1.67 249 ePn    49 33.30  -0.6
PAIG     1.92 161 iPb    49 37.30  -0.1
     S.D. = 0.6  on  11 of  11 obs.
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*  FEB  10, 1992  02h 49m 08.14± 1.26s
   29.675 S ± 7.3km   72.209 W ±13.2km
   DEPTH =  39.1 ± 14.7 km
   4.9mb (  1 obs.)
 OFF COAST OF CENTRAL CHILE        (134)

RTRS     2.44 102 iPc    49 47.00   0.6
                  S      50 16.20
JACH     3.30 156 eP     50 00.30   1.5
IHA      3.38 172 eP     50 04.00   4.3X
                  i(S)   50 58.60
ROCH     3.44 163 iPd    50 00.50  -0.4
                  iS     50 53.50
RTCB     3.45 122 iPd    50 02.00   1.1
                  (S)    50 25.50
ZON      3.57 122 eP     50 02.00  -0.5
RTLL     3.62 118 eP     50 05.00   1.7
                  S      50 56.00
PEL      3.70 160 iPc    50 04.40   0.1
LCCH     3.83 172 eP     50 05.20  -1.0
CFA      3.93 120 iPd    50 08.60   1.0
SAN      3.99 161 eP     50 07.50  -1.0
TACH     4.11 165 ePc    50 10.00  -0.2
PCH      4.19 160 ePd    50 11.00  -0.4
                  eS     51 11.50
LNV      4.32 171 iPc    50 12.00  -1.1
                  eS     51 12.00
CHCH     4.45 163 ePc    50 14.20  -0.8
CACH     4.64 163 iPc    50 17.50  -0.2
ANT      6.16  16 eP     50 38.00  -1.0
ARE     13.17   3 eP     52 17.00   1.6
ZOBO    13.84  17 P      52 30.00   5.4X
     Z  16s      0.68um
                  S      55 38.00
                  LR     57 12.00
PPD     20.27  73 eP     53 40.50  -2.6
VAO     23.55  80 eP     54 14.50  -1.4
SPA     60.49 180 iPd    59 19.30   2.9
        0.9s      8.64nm          4.9mb
KIC     73.90  73 P      00 41.40   0.0
YAK    144.60 342 iPKPd  08 43.50   2.1X
        1.2s     45.00nm
     S.D. = 1.4  on  21 of  24 obs.
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   FEB  10, 1992  02h 50m 08.54± 0.28s
   31.103 N ± 5.3km  139.769 E ± 4.0km
   DEPTH =  30.1km  (  2 depth phases)
   4.9mb ( 28 obs.)  4.8Msz (  2 obs.)
 SOUTH OF HONSHU, JAPAN            (211)
      CENTROID, MOMENT TENSOR      (HRV)
      Data Used: GDSN
      L.P.B.: 24S, 42C
      Centroid Location:
      Origin Time        02:50: 7.8 0.5
      Lat 31.04N 0.06 Lon 139.63E 0.06
      Dep  15.0 FIX Half-duration  1.4
      Moment Tensor;   Scale 10**16 Nm
        Mrr=-6.76 0.31  Mtt= 0.39 0.42
        Mff= 6.36 0.37  Mrt= 2.32 0.84
        Mrf=-3.03 1.36  Mtf=-0.29 0.31
      Principal Axes:
       T  Val=  7.13   Plg=13   Azm= 83
       N        0.87      13       350
       P       -8.00      71       218
    Best Double Couple:Mo=7.6*10**16
    NP1:Strike=190 Dip=34 Slip= -67
    NP2:        342      60      -105

IIDJ     4.63 341 P      51 29.10  10.8X
WKYJ     4.70 313 P      51 17.20  -2.0
                  S      52 13.70
CHJJ     4.97 353 P      51 24.70   1.6
                  S      52 26.70
KAKJ     5.10   4 P      51 25.20   0.3
                  S      52 23.60
TSRJ     5.44 325 P      51 31.20   1.5
                  S      52 36.70
MAT      5.58 347 eP     51 35.00   3.4X
        0.6s      8.67nm          4.5mb
                  eS     52 42.00
TKSJ     5.62 302 P      51 31.10  -1.1
                  S      52 38.90
MTMJ     5.71 344 iPd    51 37.10   3.6X
NIIJ     6.15 354 P      51 40.30   0.5
YONJ     6.67 309 P      51 47.60   0.5
                  S      52 58.20
YAMJ     7.06   2 eP     51 51.90  -0.5
KAGJ     7.61 273 eP     52 00.70   0.5
KUMJ     7.74 283 eP     52 03.00   1.0
SHNJ     7.90 295 eP     52 11.80   7.6X
OFUJ     8.11  11 eP     52 03.00  -4.1X
                  eS     53 35.00
HOOJ    11.60  13 eP     52 48.70  -6.4X
                  eS     54 45.00
KUSJ    12.60  17 eP     53 02.00  -6.5X
ASAJ    13.19   9 eP     53 08.20  -8.1X
SSE     15.92 275 iP+    53 56.00   4.0X
        1.0s      9.00nm          3.9mb X
     Z  16s      5.30um          4.5Msz
     N  11s      0.90um
     E  11s      1.20um
                  S      57 04.00
                  sS     57 13.00
GUMO    18.05 164 eP     54 08.20 -10.7X
        1.4s    368.10nm
     Z  23s      1.55um
PJG     18.05 164 eP     54 08.50 -10.4X
BJI     21.11 301 eP     54 53.00   0.1
        2.0s    256.00nm          5.3mb
     Z  20s      3.60um          4.8Msz
     N  12s      0.62um
     E  13s      1.80um
                  esP    55 10.00
                  eS     58 44.00
                  esS    59 14.00
BAG     22.80 234 eP-    55 11.00   0.9
                  eS     59 22.00
QCP     23.71 230 e(P)   55 08.00 -10.8X
LZH     30.22 289 eP     56 17.50  -1.4
        2.0s     63.00nm          5.1mb
     Z  28s      2.00um          4.6MszX
     N  14s      1.17um
                  pP     56 24.50  24km
                  sP     56 30.00
                  PP     57 26.00
                  S      01 22.00
                  sS     02 40.00
                  eSS    03 12.00
CHG     38.78 261 eP     57 33.00   0.7
        1.0s     14.75nm          4.7mb
CHTO    38.78 261 iP     57 32.90   0.6
        1.2s     19.10nm          4.7mb
SHL     42.25 275 eP     58 02.00   0.9
GUN     46.63 280 P      58 37.00   0.5
        1.3s    105.00nm          5.7mb
PKI     47.13 280 P      58 39.80  -0.6
KKN     47.17 280 P      58 40.40  -0.2
DMN     47.37 280 P      58 42.80   0.6
GKN     47.65 281 P      58 44.20  -0.1
WRA     51.02 187 P      59 04.20  -5.7X
        0.5s      5.50nm          4.8mb
SVW     51.10  34 eP     59 10.80   0.6
TTA     51.11  32 P      59 08.40  -1.9
        1.1s     12.05nm          4.8mb
BRW     52.41  21 eP     59 20.40   0.6

IMA     52.52  28 eP     59 20.90   0.0
        0.6s      5.40nm          4.7mb
PMS     54.04  34 ePc    59 31.30  -0.8
PMR     54.25  34 eP     59 34.10   0.6
        0.6s     14.60nm          5.2mb
RND     54.39  32 P      59 33.00  -1.7
ASPA    54.75 187 iPc    59 35.70  -1.9
        0.6s     14.10nm          5.2mb
FBA     54.88  30 eP     59 38.60   0.4
        0.8s     24.90nm          5.3mb
KLU     55.79  34 P      59 44.00  -0.9
HYB     56.82 271 eP     59 50.00  -2.9X
BALM    57.54  34 P      59 56.30  -1.1
DZM     58.74 151 iPc    00 06.00  -0.1
INK     60.30  25 eP     00 15.50  -0.8
ARMA    62.21 16B eP     00 30.40   0.6
MBC     62.59  15 eP     00 31.00  -0.6
        1.0s     14.00nm          5.0mb
YKA     69.64  28 eP     01 14.50  -2.2
        0.8s      5.30nm          4.7mb
PGC     71.48  44 eP     01 29.00   0.9
DAG     71.56 355 iPc    01 27.50  -0.6
        0.5s     17.61nm          5.4mb
OBN     72.04 324 eP     01 30.00  -1.3
     Z  14s      1.70um          5.5MszX
     N  12s      1.00um
     E  12s      0.B0um
                  i      01 41.00  36km
                  e      02 31.00
                  LR     32 00.00
GMW     72.37  45 P      01 34.30   0.8
KAF     72.96 333 eP     01 36.30  -0.3
        0.7s      5.50nm          4.7mb
LON     73.33  45 P      01 39.30   0.1
PNT     73.42  42 eP     01 40.00   0.4
        0.9s     19.00nm          5.1mb
DPW     74.95  43 P      01 48.80   0.3
NEW     75.38  42 eP     01 50.60  -0.4
        1.1s     12.65nm          4.8mb
LBFM    75.84  50 P      01 54.40   0.4
ORV     76.98  52 P      02 00.00  -0.1
SES     77.61  38 ePc    02 03.60   0.2
CMB     78.49  53 P      02 07.30  -1.2
        1.2s     30.57nm          5.2mb
HFS     78.92 336 eP     02 09.30  -1.0
        0.5s      1.40nm          4.2mb
     Z  18s      0.44um          4.8Msz
                  LR     36 08.00
NB2     79.11 337 P      02 10.20  -1.3
        0.9s      4.20nm          4.4mb
LRM     79.38  43 eP     02 13.80   0.3
FFC     79.45  31 eP     02 13.00  -0.3
        1.2s     14.00nm          4.8mb
HPI     80.17  45 P      02 18.10   0.3
TNP     80.60  51 P      02 20.80   0.7
        1.0s     12.92nm          4.9mb
PTI     81.08  45 P      02 26.50   4.0X
HVU     81.45  46 P      02 25.40   1.0
DUG     82.31  48 P      02 29.60   0.7
        1.0s     10.59nm          4.8mb
VRI     82.35 320 ePd    02 20.00  -8.8X
BW06    82.83  44 P      02 32.70   1.1
        1.2s      6.85nm          4.6mb
DAU     83.17  47 P      02 34.30   0.8
KRA     83.22 326 eP     02 33.90   0.7
MSU     83.67  49 P      02 36.70   0.6
EMUT    83.79  47 P      02 38.70   2.1
SRU     84.38  47 P      02 39.50  -0.1
KSP     84.40 328 eP     02 38.70  -0.5
GLA     84.97  54 P      02 43.40   1.0
RSSD    85.19  40 P      02 44.00   0.5
        1.5s     23.04nm          5.2mb
BRG     85.43 329 eP     02 46.30   2.0
        1.8s     24.00nm          5.1mb
CLL     85.53 330 eP     02 46.00   1.2
        2.3s     75.00nm          5.5mb
GEC2    87.00 328 PKP    02 50.50  -1.7
TIC    129.58 312 PKP    09 16.00  -0.9
KIC    129.61 311 PKP    09 16.00  -0.9
LIC    129.90 312 PKP    09 16.60  -0.9
ARE    148.03  70 ePKP   09 55.00   4.6X
ZOBO   150.61  66 PKP    10 00.80   6.0X
LPB    150.78  67 PKP    10 01.20   6.5X
CCH    152.79  66 PKP    10 06.00   8.5X
                  i      10 17.00
     S.D. = 1.0  on  73 of  93 obs.
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   FEB  10, 1992  03h 18m 40.06± 0.22s
   29.303 N ± 5.1km  142.099 E ± 4.3km
   DEPTH =  15.1km  (  6 depth phases)
   5.1mb ( 47 obs.)  5.2Msz (  1 obs.)
 SOUTH OF HONSHU, JAPAN            (211)
      CENTROID, MOMENT TENSOR      (HRV)
      Data Used: GDSN
      L.P.B.: 17S, 26C
      Centroid Location:
      Origin Time        03:18:40.6 0.9
      Lat 29.23N 0.14 Lon 142.54E 0.12
      Dep  19.6 FIX Half-duration  1.7
      Moment Tensor;   Scale 10**16 Nm
        Mrr= 3.40 0.44  Mtt=-0.78 0.56
        Mff=-2.62 0.43  Mrt=-2.42 0.95
        Mrf= 5.61 1.15  Mtf= 0.80 0.49
       Principal Axes:
        T  Val=  7.12  Plg=59  Azm=246
        N       -0.49      1       337
        P       -6.63     31        68
      Best Double Couple:Mo=6.9*10**16
       NP1:Strike=161 Dip=14 Slip=  94
       NP2:        337     76        89

MAT     7.92 337 eP     20 37.00  -0.4
       0.6s    86.67nm          6.2mb X
                eS     22 08.00
PJG    15.85 170 eP     22 41.50  17.3X
SSE    18.17 281 P      22 52.00  -1.2
       0.8s    16.00nm          4.2mb
     Z  20s     1.40um          4.2MszX
BAG    23.57 242 ePc    23 53.00   2.0
BJI    23.78 304 eP     23 51.00  -1.7
       1.0s    15.00nm          4.5mb
     Z  16s     2.04um          4.7MszX
     E  15s     1.36um
LZH    32.74 292 eP     25 09.50  -5.0X
       1 5s    20.00nm          4.8mb
     Z  16s     1.46um          4.8MszX
     E  15s     1.15um
                pP     25 12.50  10km
                sP     25 14.50
                PP     26 31.00
                eS     30 52.00
                sS     31 00.00
                eSS    33 18.00
YAK    33.72 350 iPd    25 22.50   0.0
       1.5s    61.00nm          5.3mb
     Z  17s     0.50um          4.3MszX
                e      25 43.00  88kmX
                eS     30 48.00
                e      31 32.00
KMI    35.14 273 eP     25 35.00  -0.4
       1.5s    80.00nm          5.4mb
IRK    36.07 320 iPc    25 44.00   1.3
       1.6s    52.00nm          5.2mb
     Z  16s     1.53um          4.9MszX
     E  14s     0.79um
                LR     39 46 00
CHG    40.57 265 iPc    26 21 10   0.4
       1.0s    88.00nm          5 4mb
CHTO   40.57 265 iPc    26 21 00   0.3
       1.1s   101.59nm          5.4mb
                pP     26 24 90  13km
NST    40.86 260 eP     26 29 00   6.0X
BDT    41.15 263 iPc    26 26 80   1.4
       1.0s    55.20nm          5.2mb
KHT    42.58 260 eP     26 38 90   1.7
SHL    44.45 278 eP     26 51 50  -1.1
IPM    45.97 246 ePd    27 05 70   1.2
       0.9s    31.60nm          5 3mb
GUN    48.97 283 P      27 28 00   0.5
PKI    49.46 283 P      27 31 60  -0.5
KKN    49.51 283 P      27 32.00  -0.3
       0.9s    31.00nm          5.3mb
WRA    49.53 190 P      27 31.10  -1.0
       0.6s    29.60nm          5.5mb
DMN    49.71 283 P      27 33.60  -0.3
GKN    50.00 283 P      27 36.00   0.0
SVW    51.47  33 eP     27 47.60   1.0
TTA    51.59  31 P      27 47.60   0.1
       1.0s    11.30nm          4.Bmb
IMA    53.17  27 ePc    27 59.70   0.3
       0.6s     2.70nm          4.4mb
PMR    54.63  33 P      28 08.30  -1.6
       0.8s    14.37nm          5.1mb
RND    54.87  31 P      28 10.20  -1.7
FBA    55.45  29 eP     28 16.00   0.1
                pP     28 19.00  10km
RMQ    55.84 173 eP     28 18.00  -1.1
NDI    56.06 286 iPc    28 19.50  -1.3
       1.0s    50.00nm          5.5mb
DZM    56.20 153 iPd    28 22.00   0.1
WARB   57.13 197 eP     28 27.50  -0.9
HYB    58.91 274 eP     28 40.20  -0.9
       1.0s    25.00nm          5.3mb
                e      29 29.00 214kmX
ARMA   60.08 171 eP     28 49.00   0.1
CMS    60.56 176 eP     28 51.00  -1.0
INK    61.07  25 eP     28 54.00  -1.1
FORR   61.29 194 eP     28 53.40  -3.6X
       0.5s     8.00nm          5.1mb
POO    62.55 277 iPc    29 03.40  -2.5
       0.8s    31.34nm          5.5mb
MBC    63.79  15 eP     29 13.00  -0.2
       1.0s     6.00nm          4.7mb
TOO    66.60 177 eP     29 32.00   0.3
                i      29 44.20  41kmX
MAIO   67.80 300 iPc    29 40.20   0.6
YKA    70.25  29 eP     29 52.90  -1.2
       0.7s     4.80nm          4.7mb
GMW    72.22  45 P      30 07.20   0.9
LON    73.15  46 P      30 11.90   0.0
PNT    73.39  43 eP     30 13.00  -0.2
       0.8s    10.00nm          4.9mb
DAG    73.52 355 iPc    30 14.20   0.9
       0.5s    20.42nm          5.4mb
OBN    74.67 325 iPd    30 21.40   1.0
       1.0s    35.00nm          5.3mb
     Z  18s     1.20um          5.2Msz
     E  16s     0.80um
                e      30 32.00  34kmX
                i      30 42.00
                LR     02 30.00
DPW    74.87  43 P      30 17.10  -4.7X
LBFM   75.43  51 P      30 25.90   0.6
KAF    75.46 334 iP     30 25.00   0.2
       0.5s    12.70nm          5.2mb
ORV    76.49  52 P      30 30.10  -1.0
NUR    77.06 333 eP     30 34.00   0.2
       0.7s    12.40nm          5.1mb
SES    77.76  39 eP     30 38.00   0.0
CMB    77.96  53 P      30 40.30   1.0
       0.9s    13.39nm          5.0mb
KVN    79.06  51 P      30 45.80   0.3
LRM    79.32  43 eP     30 47.50   0.6
MSL    79.75 306 ePd    30 50.00   1.0
FFC    79.91  32 iPc    30 50.10   0.6
       0.8s    23.00nm          5.2mb
HPI    B0.01  45 P      30 51.70   1.0
TNP    80.14  52 eP     30 51.60   0.2
       0.7s     4.11nm          4.5mb
                pP     30 58.30  21km
                sP     31 02.70
UPP    80.16 335 iP     30 50.00  -0.7
BHD    80.35 303 ePd    30 54.00   1.7
HVU    81.22  47 P      30 57.30   0.4
HFS    81.37 337 eP     30 57.00  -0.1
       0.5s     4.10nm          4.7mb
     Z  16s     0.30um          4.7MszX
                LR     10 22.00
NB2    81.54 338 P      30 58.30   0.2
       0.9s    11.80nm          4.9mb
DUG    82.02  48 P      31 01.80   0.7
       0.5s     2.45nm          4.5mb
BW06   82.70  45 eP     31 04.00  -0.7
       1.0s     4.75nm          4.6mb
                pP     31 08.80  15km
DAU    82.91  47 P      31 05.00  -1.0
MSU    83.33  49 P      31 08.40   0.4
KAS    83.46 314 iPc    31 10.40   1.9
SRU    84.09  48 P      31 12.20   0.4
VRI    85.02 321 ePc    31 18.00   1.9
RSSD   85.22  41 eP     31 18.00   0.5
       1.0s    20.07nm          5.3mb
                pP     31 24.70  21km
                sP     31 33.20
MLR    85.68 321 eP     31 36.00  16.4X
SPC    86.27 326 eP     31 23.50   1.0
KSP    86.99 329 ePc    31 26.10   0.4
CLL    88.09 331 eP     31 31.00   0.0
ZST    88.47 327 eP     31 30.20  -2.7
KHC    89.44 329 eP     31 37.90   0.3
                e      31 57.00  68kmX
                e      34 11.00
GEC2   89.59 329 Pc     31 37.20  -1.2
       0.8s     1.83nm          4.4mb
GRF    90.06 331 eP     31 41.00   0.6
SKO    90.44 320 eP     31 45.00   2.7X
KBA    91.05 328 e(P)   31 44.50  -0.7
       0.7s     5.70nm          5.0mb
OHR    91.37 320 eP     31 42.70  -4.0X
CDF    92.70 332 eP     31 52.80   0.1
       0.8s     6.70nm          5.1mb
BSF    93.36 332 eP     31 55.40  -0.4
       0.6s     3.60nm          5.0mb
HAU    93.40 332 eP     31 55.60  -0.3
       0.6s     3.60nm          5.0mb
LOR    95.00 333 eP     32 02.90  -0.4
       0.8s     4.05nm          4.9mb
LBF    95.18 333 eP     32 03.80  -0.3
       1.0s    10.00nm          5.2mb
LPL    95.21 330 eP     32 04.40  -0.1
       0.8s     5.35nm          5.0mb
LPG    95.22 330 eP     32 04.60   0.0
       0.8s     5.35nm          5.0mb
SSF    95.31 333 eP     32 04.60  -0.1
       1.0s    11.00nm          5.3mb
SMF    95.51 333 eP     32 05.20  -0.4
       1.2s    14.90nm          5.3mb
AVF    95.59 333 eP     32 05.60  -0.3
       0.8s     5.35nm          5.0mb
MAF    96.37 333 eP     32 09.70   0.2
       1.2s    20.85nm          5.5mb
BUL   119.59 262 iPKPd  37 31.90   0.4
       0.9s     4.20nm
KIC   132.31 313 PKP    37 56.70   0.8
ZOBO  149.37  72 PKP    38 26.40  -0.4
       1.0s    16.25nm
                LR     01 36.00
LPB   149.52  72 PKP    38 32.80   6.1X
      S.D. = 0.9  on  90 of  99 obs.
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&  FEB  10, 1992  03h 19m 27.84s
   60.409 N           152.736 W
   DEPTH = 128.2km
 SOUTHERN ALASKA                  (  2)
      <AEIC>.

RED     0.02 299 iPc    19 44.64   0.7
RS1     0.05 348 iPc    19 45.00   0.9
                S      19 59.88
RSO     0.05 351 iPc    19 44.98   0.9
                S      19 59.15
RS2     0.06 349 iPc    19 44.92   0.8
                S      19 59.64
REF     0.08  12 ePc    19 44.70   0.6
DFR     0.19   8 iPc    19 44.83   0.7
                S      19 58.80
RDT     0.23  44 iPc    19 45.12   0.9
INE     0.39 205 eP     19 45.52  -1.0
                S      20 00.38
INW     0.40 210 ePc    19 45.75  -0.8
                eS     20 01.22
BKG     0.70  19 iPc    19 47.58  -0.8
NNL     0.81 116 iPc    19 49.29   0.1
CKL     0.81  14 iPc    19 4B.58  -0.8
                eS     20 05.13
SPU     0.84  23 iPc    19 48.58  -0.9
                eS     20 05.2B
CKN     0.86  18 ePc    19 48.96  -0.7
BGL     0.87  11 iPc    19 49.30  -0.5
CRP     0.91  18 eP     19 49.18  -1.0
PDB     0.96 230 iPd    19 49.29  -1.2
NCG     1.04  16 eP     19 50.75  -0.6
XLV     1.09 151 ePd    19 51.33  -0.4
                eS     20 09.48
AUE     1.10 197 eP     19 50.82  -1.0
AUP     1.11 198 ePd    19 51.16  -0.8
BRLK    1.13 124 eP     19 51.09  -1.1
                eS     20 09.67
AUI     1.13 198 eP     19 50.94  -1.2
                S      20 09.49
CNPM    1.16 139 iPc    19 51.84  -0.7
                eS     20 10.29
SLKM    1.25  84 eP     19 51.76  -1.7
SUA     1.44  42 ePc    19 54.67  -0.9
                eS     20 16.27
MCNL    1.47 214 ePd    19 54.45  -1.4
SVW     1.58 298 P      19 54.70  -2.5
                S      20 15.98
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10d 03h

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SEW      1.67  99 iPc    19 56.69  -1.4
                  S      20 20.41
SKT      1.68  20 ePd    19 57.04  -1.3
                  S      20 20.47
PMS      1.77  60 eP     19 57.76  -1.6
                  eS     20 22.11
PLRM     2.12  54 eP     20 01.10  -2.5
                  eS     20 29.00
PMR      2.12  54 P      19 59.97  -3.6
                  S      20 27.63
GHO      2.30  52 ePc    20 03.75  -2.3
                  eS     20 32.52
KNK      2.32  62 ePc    20 03.76  -2.5
                  S      20 32.77
CUT      2.33  30 ePd    20 04.83  -1.4
SML      2.56  55 ePc    20 06.97  -2.3
KDC      2.67 177 P      20 07.06  -3.6
GLI      2.82  78 eP     20 09.20  -3.4
                  S      20 44.13
HUR      2.97  28 eP     20 12.01  -2.6
                  S      20 47.00
TTA      2.97 330 P      20 11.49  -3.3
FID      3.11  81 eP     20 12.81  -3.6
TRF      3.27  20 eP     20 16.51  -2.2
KTH      3.27  14 eP     20 16.96  -1.7
KLU      3.50  69 ePc    20 18.93  -2.8
                  S      21 00.32
RND      3.52  30 eP     20 20.25  -1.8
TOA      3.60  59 eP     20 21.24  -1.8
SGAM     3.73  85 ePc    20 22.54  -2.2
RAGM     4.00  87 eP     20 26.36  -2.0
PAX      4.31  50 eP     20 29.23  -3.4
GLB      4.48  73 eP     20 32.19  -2.7
NEA      4.51  20 eP     20 32.96  -2.3
MLY      4.73  10 eP     20 36.49  -1.8
CROM     4.75  82 eP     20 36.98  -1.6
HDA      4.83  31 eP     20 36.89  -2.6
TGL      4.90  82 eP     20 38.65  -1.9
MDM      5.02  22 ePd    20 39.43  -2.7
FBA      5.05  25 P      20 39.14  -3.4
BALM     5.14  78 eP     20 41.59  -2.3
GLM      5.21  26 eP     20 41.85  -2.9
YAH      5.45  86 ePc    20 46.68  -1.5
CTGM     5.63  79 ePc    20 49.10  -1.5
       62 obs. associated
-----------------------------------------
?  FEB  10, 1992  03h 58m 30.51± 1.95s
   35.684 S ±16.0km  178.957 E ±32.2km
   DEPTH = 298.1 ± 15.2 km
   3.6mb (  2 obs.)
 OFF E. COAST OF N. ISLAND, N.Z.  (160)

HBZ      1.98 195 eP     59 15.40  -1.8
PUZ      2.45 193 P      59 20.50  -0.8
                  eS     00 01.90
URZ      2.97 209 eP     59 25.40  -0.7
                  eS     00 11.70
NOZ      3.02 194 P      59 28.00   1.4
PAHZ     3.51 205 eP     59 32.60   0.8
MAHZ     3.60 193 eP     59 33.90   1.2
MOH      3.73 202 P      59 35.00   0.9
MOZ      4.35 228 eP     59 42.70   1.7
PGZ      5.36 202 eP     59 53.70   1.0
MNG      5.64 208 eP     59 55.60  -0.4
KIW      6.07 210 P      00 00.90  -0.3
MTW      6.10 205 eP     00 01.40  -0.1
AMW      6.15 203 eP     00 02.70   0.6
CAW      6.22 208 eP     00 02.40  -0.5
BLW      6.30 205 eP     00 04.60   0.7
WDW      6.38 208 eP     00 04.40  -0.5
MOW      6.42 206 eP     00 05.30  -0.1
DIW      6.47 216 eP     00 04.90  -1.1
MRW      6.47 210 eP     00 04.80  -1.1
                  S      01 24.60
TCW      6.63 212 eP     00 07.10  -0.8
                  eS     01 27.70
KHZ      7.93 210 P      00 24.40   0.5
LTZ      8.78 214 eP     00 34.30  -0.1
MOZ      9.37 209 eP     00 41.00  -0.6
ASPA    40.62 275 iPd    05 44.30   0.9
        0.4s      2.40nm          3.8mb
WRA     42.09 280 P      05 54.80  -0.6
        0.7s      1.40nm          3.3mb
     S.D. = 1.0  on  25 of  25 obs.
-----------------------------------------
%  FE8  10, 1992  05h 52m 31.40± 3.92s
   39.155 S ±25.1km  174.704 E ±12.8km
   DEPTH = 248.4 ± 26.6 km
 NORTH ISLAND, NEW ZEALAND          (159)

NRZ      0.63 253 P      53 04.50  -0.1
BSZ      0.67 165 P      53 04.90   0.2
MNG      1.58 158 Pc     53 10.40  -0.1
                  S      53 36.90
KIW      1.71 175 P      53 11.50  -0.1
DIW      1.75 200 P      53 12.10   0.2
CAW      1.97 172 P      53 13.80   0.0
MRW      2.08 180 P      53 14.80   0.1
                  S      53 45.10
TCW      2.08 189 P      53 15.20   0.4
MTW      2.09 163 P      53 14.60  -0.3
WDW      2.12 174 P      53 14.90  -0.2
WEL      2.13 179 P      53 15.40   0.2
BLW      2.29 165 P      53 16.70  -0.1
AMW      2.30 160 P      53 16.90   0.1
MOW      2.30 170 P      53 16.80  -0.1
ORZ      2.36 224 P      53 17.20  -0.3
THZ      2.95 207 P      53 23.70   0.1
KHZ      3.38 195 P      53 28.70   0.4
                  S      54 10.60
DSZ      3.41 220 P      53 28.40  -0.3
LTZ      4.07 206 P      53 36.50   0.1
                  S      54 24.30
MOZ      4.80 198 P      53 44.20  -1.0
                  S      54 39.20
ODZ      6.61 206 eP     54 08.50   0.7
     S.D. = 0.4  on  21 of  21 obs.
-----------------------------------------
?  FEB  10, 1992  07h 06m 40.13± 1.27s
   29.681 N ±17.1km   95.539 E ±15.2km
   DEPTH =  33.0km  (normal)
   4.1mb (  3 obs.)
 EASTERN XIJANG-INDIA BORDER REG.(313)

SHL      5.23 219 eP     07 59.00   0.8
                  eS     09 00.00
GUN      8.66 261 P      08 47.20   0.8
GKN      9.71 263 P      08 58.80  -1.9
NB2     61.82 327 P      16 57.60  -0.4
        0.7s      1.10nm          4.1mb
WRA     61.90 138 P      16 58.30  -0.6
        0.5s      0.70nm          4.0mb
GEC2    63.16 313 Pd     17 08.40   1.3
        0.6s      1.05nm          4.1mb
     S.D. = 1.5  on   6 of   6 obs.
-----------------------------------------
*  FEB  10, 1992  07h 24m 21.98± 0.71s
   14.240 N ±11.5km   92.699 W ± 8.7km
   DEPTH =  32.7km  (  3 depth phases)
   4.4mb ( 10 obs.)  3.8Msz (  1 obs.)
 NEAR COAST OF CHIAPAS, MEXICO    ( 69)

TPX      0.79  33 iP     24 39.00   2.4
                  iS     24 55.00
SCX      2.48   1 iP     25 05.00   4.0X
                  iS     25 39.50
PBJ      3.40 310 (P)    25 10.50  -3.6X
                  (S)    25 47.00
OXX      4.80 307 iP     25 34.50   0.5
                  iS     26 34.00
IISM     6.51 317 iP     25 55.50  -2.5
                  (S)    27 08.00
LVVM     6.54 327 iP     25 55.00  -3.4X
                  iS     27 15.00
IIT      7.18 312 eP     26 07.00  -0.6
PPM      7.44 311 eP     26 12.00   0.5
III      7.69 303 eP     26 15.00   0.2
TAC      8.06 310 (P)    27 15.00  54.9X
MRX      9.77 305 eP     26 45.00   1.6
COLM    11.62 297 (P)    27 10.00   1.3
MEO     21.13 346 iPc    29 05.00  -1.5
TUL     21.76 353 e(P)   29 12.70   0.0
        0.6s      9.30nm          4.4mb
                  Lg     33 23.70
LNO     21.76 353 e(P)   29 12.70   0.1
ACO     23.10 347 e(P)   29 26.60   0.7
ANMO    24.06 331 eP     29 37.00   1.5
        1.1s      6.33nm          4.1mb
BW06    31.93 336 eP     30 46.00  -1.2
        1.0s      3.00nm          4.1mb
TNP     32.18 322 iP     30 50.20   0.8
        0.5s      0.85nm          3.9mb
LRM     35.62 336 eP     31 19.30   0.3
ZOBO    38.85 140 P      31 46.30  -0.5
      Z  22s      0.16um          3.8Msz
                  LR     44 20.00
FFC     41.04 352 eP     32 02.00  -1.8
        0.4s      4.00nm          4.5mb
PNT     41.36 333 ePc    32 07.00   0.6
        0.7s     15.00nm          4.8mb
YKA     50.64 347 eP     33 18.80  -1.0
        0.8s     13.60nm          5.0mb
INK     60.02 344 eP     34 26.00  -1.5
        0.5s     13.00nm          5.3mb
                  pP     34 36.00  33km
FBA     62.76 337 eP     34 45.30  -0.8
        0.9s      0.90nm          3.9mb
                  pP     34 55.90  35km
MBC     63.59 353 ePd    34 50.90  -0.5
        0.8s      6.00nm          4.8mb
                  pP     35 00.50  31km
LIC     86.24  85 P      37 02.40   0.1
KIC     86.49  84 P      37 03.60   0.1
WRA    134.79 256 PKP    43 41.00   1.0
        0.6s      0.70nm
CHG    145.21 340 ePKP   43 57.30  -1.5
HYB    147.38  16 ePKP   44 04.00   1.6
        1.0s     25.00nm
KHT    149.07 338 ePKP   44 10.00   4.9X
     S.D. = 1.2  on  28 of  33 obs.
-----------------------------------------
&  FEB  10, 1992  07h 52m 44.08s
   65.763 N          150.978 W
   DEPTH =  22.6km
 NORTHERN ALASKA                    (676)
      <AEIC>. ML 2.7 (AEIC).

MLY      0.74 172 eP     52 58.25   0.0
                  iS     53 08.57
IMA      1.15 287 iP     53 04.24  -0.7
                  eS     53 19.39
MDM      1.41 124 eP     53 08.08  -0.4
                  eS     53 26.82
NEA      1.44 145 eP     53 08.32  -0.5
FBA      1.59 122 eP     53 11.03  -0.1
                  S      53 32.09
GLM      1.69 116 eP     53 10.72  -1.9
                  S      53 34.01
BWN      1.72 157 eP     53 12.60  -0.4
HDA      2.18 127 eP     53 18.09  -1.6
MCK      2.22 156 eP     53 19.43  -0.8
KTH      2.22 179 eP     53 21.05   0.8
PRP      2.28  94 eP     53 19.34  -1.8
TRF      2.34 172 eP     53 21.64  -0.4
FYU      2.47  68 eP     53 19.95  -3.8
RND      2.54 158 eP     53 24.05  -0.8
       14 obs. associated
-----------------------------------------
*  FEB  10, 1992  08h 30m 38.78± 1.86s
   42.472 N ± 9.2km   18.424 E ±19.3km
   DEPTH =  33.0km  (normal)
 NORTHWESTERN BALKAN REGION         (383)
      ML 1.5 (TTG).

HCY      0.06 114 iPgd   30 44.56   0.2
                  iSg    30 47.30
BDV      0.35 122 iPgd   30 46.31  -1.0
                  iSg    30 50.68
BRY      0.44  12 ePg    30 48.25  -0.3
                  iSg    30 54.08
NKY      0.54  51 iPgc   30 47.91  -2.2X
                  iSg    30 53.56
TTG      0.62  94 iPgc   30 49.28  -1.8X
                  iSg    30 56.06
ULC      0.80 129 iPgd   30 54.33   0.7
                  iSg    31 04.80
PLE      1.12  39 iPgc   30 58.66   0.4
                  iSg    31 12.83
PVY      1.15  B3 iPgd   30 58.81   0.1
                  iSg    31 12.96
IVA      1.16  69 iPgc   30 58.75  -0.1
                  iSg    31 12.96
     S.D. = 0.7  on   7 of   9 obs.
-----------------------------------------
%  FEB  10, 1992  0Bh 58m 00.78± 2.54s
   42.678 N ±13.8km   11.900 E ±18.7km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                      (381)

MNS      0.65 117 P      58 13.80   0.0
                  eSg    58 23.30
```

```
ASS      0.68  55 P      58 13.90  -0.5
                 eSg    58 21.80
CRE      0.95   2 P      58 18.90  -0.1
                 eSg    58 31.20
ARV      1.12  43 P      58 22.30   0.5
                 eSg    58 37.30
SFI      1.24 358 P      58 23.80   0.0
                 eSg    58 41.20
DUI      2.16 117 P      58 48.00  10.7X
                 eSg    58 51.90
     S.D. = 0.5  an   5 of   6 abs.
-----------------------------------
%  FEB  10, 1992  09h 52m 29.29± 1.34s
   40.392 N ± 8.2km   23.271 E ±12.7km
   DEPTH =  10.0km  (geophysicist)
 GREECE                            (364)
      MD 2.0 (THE).

SOH      0.43   8 iPg   52 37.98  -0.2
OUR      0.55  96 ePg   52 40.46   0.1
                 eSg    52 48.58
PAIG     0.56 146 ePg   52 40.53  -0.1
                 eSg    52 48.62
SRS      0.76  18 ePg   52 44.18   0.0
                 iSg    52 54.30
KNT      0.82 340 ePg   52 45.34   0.2
                 eSg    52 57.26
     S.D. = 0.2  an   5 of   5 obs.
-----------------------------------
%  FEB  10, 1992  09h 57m 45.50± 1.59s
   40.673 N ± 6.9km   22.926 E ±14.3km
   DEPTH =  10.0km  (geophysicist)
 GREECE                            (364)
      MD 1.2 (THE).

THE      0.05 144 iPg   57 46.66  -1.0
                 eSg    57 47.40
SOH      0.36  65 ePg   57 52.17  -0.7
                 eSg    57 57.72
KNT      0.49 358 iPg   57 55.82   0.4
                 eSg    58 03.36
SRS      0.67  49 ePg   57 58.72  -0.1
OUR      0.87 112 iPg   58 02.98   0.7
PAIG     0.94 142 iPg   58 04.21   0.8
     S.D. = 1.0  an   6 of   6 obs.
-----------------------------------
*  FEB  10, 1992  10h 57m 28.41± 0.61s
   32.909 S ± 8.7km   70.852 W ± 9.9km
   DEPTH =  90.0km  (geophysicist)
 CHILE-ARGENTINA BORDER REGION     (127)
      MD 4.0 (SAN).

ROCH     0.15 245 iPc   57 41.10  -0.8
                 iS     57 49.50
PEL      0.27 149 iPc   57 41.10  -0.9
                 iS     57 49.20
JACH     0.31  44 iPc   57 40.50  -1.7
                 iS     57 49.00
SAN      0.57 164 iPd   57 43.50  -0.5
                 iS     57 54.40
IHA      0.67 260 eP    57 45.50   0.6
                 iS     58 01.00
TACH     0.75 186 iPd   57 45.40  -0.2
                 iS     57 57.70
PCH      0.76 158 iPd   57 45.70  -0.2
                 iS     57 58.40
LCCH     0.83 227 iPd   57 47.00   0.6
CHCH     1.04 171 iPd   57 48.70  -0.2
                 iS     58 03.40
LNV      1.14 204 iPd   57 50.50   0.4
CACH     1.22 170 iP    57 52.20   1.0
                 iS     58 09.80
RTCB     2.24  51 iPd   58 06.00   1.5
                 S      58 34.00
CFA      2.57  60 ePd   58 09.20   0.3
                 S      58 40.50
     S.D. = 0.9  an  13 of  13 abs.
-----------------------------------
   FEB  10, 1992  12h 38m 57.16± 0.23s
   21.173 N ± 4.1km  121.901 E ± 4.8km
   DEPTH =  22.2km  (  4 depth phases)
   5.0mb ( 29 obs.)  5.2Msz (  3 obs.)
 TAIWAN REGION                     (243)
      CENTROID, MOMENT TENSOR      (HRV)
      Data Used: GDSN
      L.P.B.: 22S, 43C
      Centroid Location:
      Origin Time        12:38:56.6 0.7
      Lat 21.30N 0.05 Lon 121.97E 0.06
      Dep  28.8 4.6 Half-duration  1.5
      Moment Tensor:    Scale 10**16 Nm
        Mrr= 2.06 0.46  Mtt= 3.26 0.54
        Mff=-5.32 0.60  Mrt= 1.93 1.12
        Mrf= 0.41 0.81  Mtf=-9.15 0.50
      Principal Axes:
        T  Val=  9.35  Plg=11  Azm= 32
        N        1.93      78      241
        P      -11.28       6      123
      Best Double Cauple:Mo=1.0*10**17
       NP1:Strike=168 Dip=78 Slip=   3
       NP2:         77      87      168

TATO     3.80 354 eP    39 53.90  -1.9
ANP      4.01 355 eP    40 06.00   7.2X
BAG      4.90 195 ePc+  40 13.80   2.3
         1.0s  1120.00nm
HKC      7.27 280 iP    40 43.00  -1.8
MCO      7.82 278 eP    40 50.40  -2.1
SSE      9.90 356 eP    41 20.50  -0.7
       Z  12s      7.70um
       N  10s      4.30um
       E  10s      4.90um
                    S     43 16.00
DAV     14.45 165 eP    42 26.00   3.6X
KKM     16.02 201 ePd   42 46.40   3.5X
         1.2s   331.90nm          5.3mb
TSM     17.23 194 ePd   43 02.80   4.7X
KMI     18.05 286 P+    43 11.00   2.4
         1.8s   160.00nm          4.9mb
       Z  12s      6.20um          4.7Msz
       N  10s      5.50um
       E  10s      4.80um
                    sP    43 26.50
                    S     46 37.00
TSRJ    18.90  38 P     43 20.00   1.3
LOE     19.40 262 eP    43 26.00   1.2
BJI     19.43 347 eP    43 23.50  -1.5
         1.1s    22.00nm          4.3mb
       Z  16s      4.38um          4.0Msz
                    e     44 24.00
                    eS    47 00.00
MNI     19.82 171 ePc   43 29.50   0.1
IIDJ    20.01  41 P     43 32.00   0.7
MAT     20.89  39 iPd   43 41.00   0.6
         1.1s    49.37nm          4.8mb
                    eS    47 42.00
NST     21.36 259 eP    43 55.00   9.8X
LZH     21.67 317 Pd    43 48.50   0.0
         1.6s   408.00nm          5.6mb
       Z  12s      6.04um          5.2MszX
       E  10s      3.92um
                    pP    44 02.50  60kmX
                    sP    44 10.00
                    i     44 46.00
                    i     45 20.00
                    S     47 56.00
                    sS    48 20.00
                    eSS   49 34.00
                    ScS   54 45.00
CHG     21.70 268 eP    43 50.30   1.6
         1.1s    27.53nm          4.6mb
                    eS    47 52.00
CHTO    21.70 268 eP    43 49.00   0.3
         1.1s    47.41nm          4.8mb
                    pP    44 00.40  46kmX
                    sP    47 57.30
KAKJ    21.88  43 P     43 54.80   4.4X
BDT     21.97 264 eP    43 54.50   3.2X
         1.0s    62.10nm          5.0mb
KHT     23.05 258 eP    44 05.60   3.5X
GUMO    23.16 105 e(P)  44 14.60  11.5X
       Z  27s      1.97um          4.4MszX
PJG     23.16 105 e(P)  44 08.20   5.1X
                    TT    07 34.30
AAI     25.46 165 eP    44 25.40   0.1
IPM     26.13 234 ePc   44 33.00   1.4
         0.7s    73.30nm          5.4mb
                    e     45 25.80 280kmX
KGM     26.28 226 ePc   44 34.00   1.1
MRRJ    26.61  33 eP    44 38.90   3.2X
HOOJ    27.74  35 eP    44 50.00   3.9X
SHL     27.87 285 eP    44 48.50   0.9
                    eS    50 20.00
ASAJ    28.63  32 eP    44 57.40   3.3X
KUSJ    29.00  36 eP    44 58.00   0.6
KSI     31.08 220 ePd   45 12.40  -3.7X
                    e     47 55.00
GUN     33.36 289 P     45 37.60   1.2
PKI     33.76 288 P     45 40.20   0.3
KKN     33.88 289 P     45 41.20   0.4
IRK     33.90 341 eP    45 40.60   0.1
         1.4s    29.00nm          5.0mb
                    e     46 39.70 299kmX
                    LR    00 14.00
DMN     34.03 288 P     45 42.60   0.5
GKN     34.46 289 P     45 46.00   0.2
MTN     35.00 164 iPc   45 48.00  -2.2
         0.5s    25.00nm          5.4mb
KNA     37.31 169 eP    46 07.70  -1.9
PMG     39.23 138 eP    46 27.00   1.2
HYB     40.99 272 eP    46 46.00   5.6X
         1.0s    25.00nm          4.9mb
                    e     47 36.00 238kmX
YAK     41.17   6 eP    46 41.00  -0.3
         1.5s    50.00nm          5.0mb
       Z  16s      1.70um          5.0MszX
       E  15s      2.60um
                    e     47 38.00 277kmX
POO     45.14 275 eP    47 11.50  -2.7
ASPA    46.07 165 iPc   47 20.30  -1.1
         0.9s    18.80nm          5.0mb
       Z  23s      0.60um          4.5MszX
                    iPP   48 18.00
                    iS    54 01.60
WARB    47.30 174 eP    47 30.50  -0.5
         0.4s    17.00nm          5.4mb
HNR     48.18 125 eP    47 49.00  10.8X
QUE     49.93 292 eP    47 52.20   0.5
MRWA    50.42 187 eP    47 54.00  -1.1
BAL     51.72 186 eP    48 03.70  -1.2
COOL    51.76 181 eP    48 03.00  -2.2
QLP     52.17 154 eP    48 08.20  -0.2
KLB     52.61 184 eP    48 10.30  -1.3
RMO     54.06 150 eP    48 23.00   0.6
RKG     55.63 185 iPd   48 53.40  19.7X
         0.4s    16.00nm
MAIO    55.88 300 eP    48 36.00   0.2
ADE     58.07 164 eP    48 51.00  -0.1
ARMA    58.72 150 eP    49 04.30   8.5X
DZM     61.13 132 iPc   49 21.00   8.6X
BFD     61.21 161 eP    49 15.00   2.4
TOO     62.51 159 e(P)  49 12.00  -9.4X
                    i     49 21.20  30km
ANM     63.67  27 eP    49 29.20   0.4
BRW     67.35  20 eP    49 53.20   0.9
TTA     67.79  29 P     49 55.40   0.1
BHD     68.59 299 eP    50 03.00   2.3
                    e     50 54.00 217kmX
IMA     68.60  26 eP    50 00.90   0.5
MSL     68.96 302 eP    50 02.50  -0.5
                    e     50 48.50 194kmX
RSO     69.55  32 P     50 06.90   0.6
OBN     70.26 323 eP    50 10.00  -0.5
       Z  18s      1.20um          5.2Msz
       N  16s      0.80um
       E  16s      1.20um
                    i     50 18.00  26km
                    e     50 26.00
                    e     50 43.00
                    iPcP  51 05.00
                    ePP   52 16.00
                    eS    58 00.00
                    LQ    15 50.00
PMS     70.99  31 eP    50 14.60  -0.3
PMR     71.13  30 P     50 14.70  -1.0
         0.9s    20.00nm          5.2mb
FBA     71.18  27 P     50 15.10  -0.8
         1.0s     9.00nm          4.8mb
KEV     72.01 339 eP    50 23.00   2.2
TOA     72.42  30 ePc   50 24.60   1.2
KLU     72.66  30 P     50 24.90   0.0
KAF     74.09 331 eP    50 30.40  -2.7
BALM    74.45  30 (P)   50 36.00   0.6
NUR     75.30 330 eP    50 36.20  -3.9X
INK     75.76  22 eP    50 41.50  -1.1
MBC     76.04  12 eP    50 43.00  -1.1
         1.0s     9.00nm          4.8mb
CSS     77.06 303 eP    50 51.00   0.4
CLI     78.00 315 eP    50 56.00   0.5
YLV     78.39 309 eP    50 57.00  -0.9
VRI     78.58 315 ePd   50 59.00   0.3
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10d 12h

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UPP     78.82 330 eP     50 58.00  -1.6
ISR     78.93 314 eP     51 08.00   7.3X
ELL     79.17 305 eP     51 02.00  -0.3
MLR     79.22 315 eP     51 03.00   0.6
DST     79.23 308 eP     51 02.00  -0.5
DAG     79.45 351 iPd    51 01.50  -1.3
        0.3s     25.97nm          5.7mb
                 ipP      52 04.40 266kmX
BNT     79.51 309 eP     51 02.40  -1.5
MTUR    79.89 315 eP     51 13.00   7.1X
APO     80.23 332 eP     51 05.60  -1.7
        0.5s      1.10nm          4.1mb
      Z  18s      0.00um          2.5MszX
                 LR       24 23.00
TNR     80.27 315 ePc    51 10.00   2.1
NB2     81.19 333 P      51 11.40  -1.0
        0.7s      2.10nm          4.3mb
RZN     81.35 311 iPc    51 14.00   0.2
KRA     81.38 320 eP     51 13.40  -0.2
PGB     81.42 312 iPc    51 15.00   1.0
SPC     81.53 319 eP     51 15.50   0.9
                 e        51 19.70  13km
VTS     82.07 313 iP     51 18.00   0.5
MMB     82.07 311 iPc    51 17.00  -0.4
PSZ     82.24 318 eP     51 25.50   7.3X
SRS     82.34 311 eP     51 18.78   0.0
OUR     82.35 310 eP     51 16.30  -2.5
SOH     82.61 311 eP     51 23.26   3.0X
PAIG    82.71 310 eP     51 20.06  -0.6
KNT     82.81 311 iP     51 20.62  -0.6
KSP     83.20 322 eP     51 22.60  -0.4
GRG     83.24 311 iP     51 24.69   1.2
SRO     83.25 319 eP     51 30.30   7.0X
                 i        51 58.70 109kmX
LIT     83.49 310 eP     51 23.78  -1.0
UZD     83.58 318 e(P)   51 29.00   4.0X
ZST     83.84 319 eP     51 30.30   4.0X
                 i        51 58.70 109kmX
AGG     84.01 309 iP     51 24.90  -2.5
FNA     84.02 311 iP     51 28.50   1.0
IVA     84.22 314 iPc    51 29.49   1.0
PVY     84.28 313 iPd    51 30.15   1.3
PLE     84.37 314 iPc    51 30.22   1.0
BRG     84.52 323 eP     51 34.20   4.5X
                 i        51 49.00  51kmX
                 i        52 29.80
PRU     84.58 322 eP     51 30.50   0.5
        1.0s     10.10nm          5.0mb
      Z  21s      1.30um          5.3Msz
      N  20s      1.30um
      E  20s      1.30um
                 e        52 25.00 224kmX
TTG     84.83 313 eP     51 30.92  -0.4
CLL     84.85 323 eP     51 32.00   0.7
                 i        51 38.40  20km
                 e        52 30.00
NKY     84.85 314 iPc    51 31.59   0.0
ULC     85.02 313 iPd    51 32.29  -0.1
BRY     85.12 314 iPc    51 32.75  -0.3
BDV     85.18 313 eP     51 33.47   0.3
HCY     85.34 314 iPd    51 33.77  -0.2
KHC     85.53 321 P      51 40.00   5.2X
        1.2s     10.00nm          4.9mb
                 i        51 43.00   9kmX
                 e        52 02.40
PTJ     85.53 318 e(P)   51 26.70  -8.2X
GEC2    85.58 321 PKP    51 34.30  -0.9
        0.6s      1.09nm          4.3mb
MOX     85.94 323 eP     51 44.50   7.7X
      Z  17s      1.60um          5.5MszX
      N  17s      1.50um
                 e        52 37.00 215kmX
VBY     86.14 318 eP     51 39.40   1.5
CEY     86.56 318 e(P)c  51 48.00   8.0X
GRF     86.62 323 eP     51 49.00   8.8X
      Z  20s      0.70um          5.1Msz
                 e        52 37.00 194kmX
SOI     88.89 311 P      51 54.30   3.0X
SFI     89.03 317 P      51 59.10   7.3X
MNO     89.91 311 P      51 59.80   3.4X
PNT     91.13  35 eP     52 08.00   6.4X
LPL     91.36 320 eP     52 03.10   0.1
        0.8s     12.10nm          5.3mb
LBF     92.15 323 eP     52 07.40   1.1
SMF     92.42 323 eP     52 08.10   0.6
        1.0s     14.00nm          5.3mb
AVF     92.61 323 eP     52 08.10  -0.3
        0.8s      9.40nm          5.3mb
NEW     93.09  35 eP     52 11.80   1.2
        1.0s      5.50nm          4.9mb
SES     94.82  31 eP     52 23.00   4.4X
ORV     95.47  44 eP     52 23.20   1.5
FFC     95.61  24 eP     52 26.00   3.9X
        0.9s     13.00nm          5.4mb
KIC    120.94 292 PKP    57 48.82  -1.5
TOV    147.16  22 ePKP   58 41.50   2.7X
SDV    147.69  24 ePKP   58 40.50   0.6
ZOBO   169.33  65 PKP    59 11.70   6.6X
LPB    169.47  66 PKP    59 20.00  15.1X
      S.D. = 1.2  on 110 of 153 obs.
-----------------------------------
*  FEB  10, 1992  12h 56m 29.11± 0.97s
   20.973 N ±12.6km  122.074 E ±12.0km
   DEPTH =  33.0km  (normol)
   4.4mb (  7 obs.)  4.2Msz (  1 obs.)
 PHILIPPINE ISLANDS REGION          (248)

HKC      7.47 282 iP     58 17.50  -1.1
MCO      8.01 280 eP     58 25.40  -0.7
SSE     10.11 356 P      58 57.00   1.9
                 eS       00 34.00
LOE     19.54 263 eP     01 01.00   4.0X
BJI     19.66 346 eP     00 57.00  -1.2
MAT     20.94  39 eP     01 16.00   4.4X
        2.0s    182.35nm          5.1mb
NST     21.48 259 eP     01 27.00   9.9X
CHG     21.85 268 eP     01 22.50   1.6
CHTO    21.85 268 eP     01 22.20   1.4
        1.2s     18.40nm          4.4mb
LZH     21.93 317 Pd     01 21.40  -0.3
        2.0s     60.00nm          4.7mb
      Z  20s      0.99um          4.2Msz
      E  10s      0.82um
                 pP       01 27.00  20kmX
                 sP       01 31.00
                 i        01 40.00
IPM     26.15 234 ePc    02 08.00   5.7X
SHL     28.08 285 eP     02 22.50   2.5X
GUN     33.58 289 P      03 08.20  -0.7
YAK     41.35   5 eP     04 11.20  -2.0
ASPA    45.84 165 eP     04 49.50  -0.5
        1.0s      5.70nm          4.5mb
                 i        05 01.20
KAF     74.34 331 eP     08 12.60   7.7X
INK     75.88  22 eP     08 14.50   0.8
HFS     80.76 331 eP     08 48.10   7.7X
        0.4s      0.90nm          4.1mb
NB2     81.44 333 P      08 44.60   0.5
        0.7s      1.40nm          4.1mb
GEC2    85.84 321 Pd     09 07.00   0.2
        0.9s      2.39nm          4.4mb
      S.D. = 1.3  on  13 of  20 obs.
-----------------------------------
   FEB  10, 1992  13h 03m 43.57± 0.41s
   20.512 N ± 5.0km   65.948 W ± 7.0km
   DEPTH =  10.0km  (geophysicist)
   4.5mb (  3 obs.)
 NORTH ATLANTIC OCEAN               (402)

APR      2.18 200 P      04 20.00  -0.4
LPR      2.19 178 P      04 20.20  -0.4
                 S        04 44.20
SJG      2.40 185 iP     04 23.60   0.1
CPD      2.46 179 P      04 24.00  -0.4
CLLP     2.49 194 P      04 24.50  -0.3
MEP      2.55 203 P      04 25.00  -0.6
                 S        04 53.40
MGP      2.71 204 P      04 27.20  -0.8
NEV      4.64 136 eP     04 56.38   1.0
MGH      5.17 136 eP     05 04.29   1.4
BPA      5.19 131 eP     05 01.65  -1.5
                 S        05 58.50
SEG      5.87 133 eP     05 10.80  -1.9
PAG      6.03 137 eP     05 15.10   0.1
                 S        06 22.00
DEG      6.24 131 eP     05 17.09  -1.0
MGG      6.34 135 eP     05 19.92   0.5
BBL      6.53 139 eP     05 22.73   0.5
TOV     11.29 200 eP     06 37.00   8.9X
SDV     12.41 202 eP     06 44.80   1.4
LHS     19.13 320 P      08 07.90  -1.5
                 S        11 20.75
JSC     19.27 319 P      08 10.57  -0.6
                 S        11 25.84
PRM     19.85 316 P      08 17.57  -0.1
                 S        11 41.11
CVL     20.51 331 P      08 23.69  -0.8
BLA     20.87 326 P      08 28.81   0.5
        0.6s     16.47nm          4.6mb
LVNJ    21.58 342 (P)    08 36.61   1.2
TKL     21.74 318 P      08 37.38   0.3
                 S        12 28.86
GBTN    22.02 317 (P)    08 53.15  13.2X
                 S        12 34.94
FVM     27.43 315 eP     09 33.98   2.5
        0.9s     11.86nm          4.6mb
ZOBO    36.63 184 P      10 55.00   2.1
LPB     36.87 183 P      10 58.00   3.3X
SES     46.28 321 eP     12 12.00   1.0
                 pP       12 22.00  33kmX
YKA     53.42 334 eP     13 04.60  -0.9
        0.8s      1.90nm          4.1mb
KIC     60.85  94 P      14 00.20   1.2
INK     62.85 337 eP     14 09.00  -2.5
WRA    160.95 268 PKP    23 48.20   2.6X
        0.7s      0.30nm
      S.D. = 1.2  on  29 of  33 obs.
-----------------------------------
   FEB  10, 1992  14h 58m 49.88± 0.45s
   40.659 N ± 3.8km   21.436 E ± 4.0km
   DEPTH =  10.0km  (geophysicist)
 GREECE                             (364)
      MD 3.2 (ATH), 3.0 (THE).

FNA      0.13 340 ePg    58 53.06  -0.1
KZN      0.44 144 iPbc   58 58.00  -0.8
                 eSb      59 06.40
OHR      0.66 313 iPgc   59 02.30  -0.8
                 iSg      59 12.80
                 Lg       59 14.90
GRG      0.79  68 ePg    59 05.06  -0.2
                 eSg      59 16.34
LIT      0.98 124 ePg    59 08.30  -0.2
                 eSg      59 22.86
VAY      1.08  52 iPn    59 10.30   0.1
                 i        59 25.40
                 iSg      59 29.00
                 Lg       59 30.20
THE      1.16  91 ePb    59 11.66   0.1
                 eSb      59 27.58
KNT      1.22  65 ePb    59 12.78   0.2
                 eSb      59 28.14
SKO      1.31   0 ePn    59 14.70   0.6
                 iPg      59 16.00
                 iSn      59 33.20
                 iSg      59 34.30
                 Lg       59 35.50
IGT      1.41 217 ePb    59 16.02   0.5
                 eSb      59 35.14
SOH      1.47  83 ePb    59 16.66   0.3
                 eSb      59 37.06
KEK      1.57 234 ePn    59 23.00   5.2X
SRS      1.70  74 ePb    59 19.34  -0.4
AGG      1.77 157 ePb    59 21.50   0.7
                 eSb      59 45.22
OUR      1.97  99 ePn    59 23.66   0.1
                 eSn      59 51.06
      S.D. = 0.5  on  14 of  15 obs.
-----------------------------------
   FEB  10, 1992  15h 47m 21.40± 0.61s
   27.976 S ± 6.7km   26.633 E ± 8.1km
   DEPTH =   5.0km  (geophysicist)
   4.3mb (  2 obs.)
 REPUBLIC OF SOUTH AFRICA           (584)
      mbLg 4.1 (BUL).

SEK      0.94 112 iPc    47 40.00   0.1
                 S        47 48.00
BLF      1.19 199 iPc    47 45.00   0.8
KIM      1.81 244 iPc    47 55.00   1.4
                 S        48 17.00
FRS      2.11 213 iPd    47 53.00  -4.8X
                 S        48 17.00
SLR      2.67  34 iPd    48 07.40   1.4
                 S        48 38.20
HVD      2.80 200 iPc    48 06.50  -1.4
                 S        48 30.00
BUL      8.00  13 iPn    49 19.30  -2.0
                 iSn      50 44.00
                 iSg      51 32.50
CER      8.29 228 eP     49 24.00  -1.2
```

1.0s 312.00nm 6.5mb X
S 50 54.00
WIN 10.17 300 eP 49 51.00 -0.3
0.6s 56.67nm 6.2mb X
S 51 35.00
KRI 11.43 15 iPn 49 52.60 -15.9X
iSn 51 42.40
iSg 52 51.50
BCAO 33.15 345 iPc 54 00.30 -0.7
0.2s 16.00nm 5.6mb X
KIC 45.64 314 P 55 45.32 0.5
1.0s 11.50nm 4.8mb
TIC 46.03 314 P 55 48.62 0.6
GEC2 77.34 351 Pc 59 19.50 0.9
0.6s 0.56nm 3.9mb
S.D. = 1.2 on 12 of 14 obs.

? FEB 10, 1992 16h 22m 27.59± 5.11s
18.337 N ±26.1km 65.679 W ±40.9km
DEPTH = 33.0km (normal)
PUERTO RICO REGION (90)

LPR 0.18 261 P 22 34.00 -0.1
S 22 45.20
CPD 0.37 217 P 22 36.40 0.1
SJG 0.50 243 iP 22 38.00 -0.2
CLLP 0.89 253 P 22 44.00 0.3
S 23 02.30
PORP 0.95 253 P 22 44.60 0.0
S.D. = 0.3 on 5 of 5 obs.

FEB 10, 1992 16h 38m 38.19± 1.22s
30.193 N ±10.8km 57.478 E ± 5.1km
DEPTH = 43.5 ± 12.2 km
4.6mb (19 obs.)
NORTHERN IRAN (348)

SHI 4.33 264 eP 39 45.00 1.5
MAIO 6.32 15 ePn 40 12.00 0.7
eSn 40 26.00
QUE 8.20 88 eP 40 35.50 -2.2
KER 9.71 298 e(P) 41 26.00 27.6X
BHL 18.86 287 P 42 56.00 -1.4
S 51 44.00
HYB 23.05 119 eP 43 41.50 0.8
GKN 23.81 88 P 43 49.60 1.4
DMN 24.30 89 P 43 53.80 0.7
KKN 24.41 89 P 43 54.00 -0.1
PKI 24.57 89 P 43 55.60 -0.2
0.8s 16.00nm 4.6mb
GUN 24.91 88 P 43 59.40 0.4
1.0s 36.00nm 4.9mb
MLR 28.99 311 eP 44 40.00 4.1X
KRA 34.40 316 eP 45 24.80 1.6
GEC2 37.94 312 Pd 45 52.30 -1.0
0.7s 4.34nm 4.4mb
KHC 38.09 312 Pc 45 55.00 0.6
1.0s 7.00nm 4.5mb
e 46 00.00
e 48 09.50
LZH 38.98 69 Pd 46 06.00 3.8X
1.5s 28.00nm 4.8mb
CLL 38.98 316 iPd 46 03.10 1.3
1.5s 27.00nm 4.8mb
i 48 00.80
CHTO 39.20 97 eP 46 03.00 -1.0
1.0s 4.75nm 4.3mb
pP 46 12.70 33kmX
GRF 39.71 313 ePc 46 09.00 1.1
LPG 42.17 306 eP 46 27.80 -0.7
1.2s 11.90nm 4.5mb
LPL 42.18 306 eP 46 27.70 -0.8
1.2s 20.85nm 4.7mb
LBF 44.17 308 eP 46 43.90 -0.5
1.2s 8.95nm 4.4mb
SMF 44.25 307 eP 46 44.40 -0.6
0.9s 14.75nm 4.8mb
LOR 44.26 308 eP 46 44.20 -1.0
1.1s 12.20nm 4.6mb
SSF 44.49 308 eP 46 46.40 -0.6
1.0s 12.00nm 4.7mb
AVF 44.59 308 eP 46 47.30 -0.4
1.0s 8.00nm 4.5mb
BCAO 44.78 243 iPd 46 49.50 -0.2
0.2s 40.00nm 5.9mb X
i 47 26.50
CAF 45.47 305 eP 46 54.40 -0.4
1.0s 10.00nm 4.7mb
RJF 45.85 305 eP 46 57.70 -0.1
1.2s 29.75nm 5.1mb
LFF 46.41 305 eP 47 01.90 -0.3
1.0s 20.00nm 5.0mb
YKA 87.42 356 eP 51 22.80 1.0
1.0s 2.00nm 4.3mb
WRA 89.11 114 P 51 37.80 7.3X
0.7s 0.40nm 3.9mb
S.D. = 1.0 on 28 of 32 obs.

? FEB 10, 1992 17h 24m 39.58± 3.37s
10.458 N ±23.0km 61.787 W ±26.0km
DEPTH = 27.0km (geophysicist)
TRINIDAD (98)
MD 2.7 (TRN).

TCE 0.24 8 eP 24 46.15 0.2
eS 24 51.74
TPP 0.36 113 eP 24 47.26 -0.4
eS 24 52.85
TRN 0.42 63 eP 24 47.86 -0.7
eS 24 54.86
TBH 0.71 88 eP 24 54.18 0.9
eS 25 02.37
S.D. = 1.2 on 4 of 4 obs.

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* FEB 10, 1992 18h 05m 22.92± 1.49s
41.886 N ± 7.3km 22.581 E ±13.1km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
MD 2.1 (THE).

KNT 0.76 162 ePg 05 37.46 -0.3
eSg 05 47.42
VTS 0.85 33 ePg 05 39.00 -0.3
MMB 0.91 109 ePg 05 41.00 0.7
GRG 0.94 188 ePg 05 41.50 0.7
eSg 05 53.54
SRS 1.08 135 ePg 05 42.98 -0.3
eSg 05 57.78
SOH 1.21 151 ePg 05 44.74 -0.8
eSg 06 01.82
RZN 1.61 96 iP 05 52.00 0.4
CIN 6.03 133 ePg 07 46.00 51.8X
iSg 08 01.00
VBY 6.42 307 e(Pg) 07 28.60 28.7X
eSg 07 43.70
S.D. = 0.7 on 7 of 9 obs.

& FEB 10, 1992 18h 29m 42.00s
38.848 N 122.872 W
DEPTH = 3.0km
NORTHERN CALIFORNIA (36)
<BRK>. ML 3.6 (BRK). Felt (IV) at Finley. Felt (III) at Cloverdale and Kelseyville. Also felt at Lakeport.

NWRM 0.39 182 ePd 29 49.89 0.1
ZSP 1.02 152 iPd 30 01.80 -0.2
BKS 1.09 152 ePc 30 02.76 -0.4
eS 30 16.27
ORV 1.28 56 iPd 30 04.43 -1.9
PCC 1.40 164 iPc 30 07.33 -1.1
LTCM 1.48 23 eP 30 09.01 -0.5
STAN 1.54 159 ePd 30 12.97 2.5
WDC 1.75 8 iPc 30 13.34 -0.1
MIN 1.79 33 ePd 30 13.25 -0.9
MHC 1.79 147 eP 30 13.40 -0.7
ARN 1.83 144 ePnc 30 13.10 -1.6
CMB 2.11 112 iPc 30 17.68 -1.1
FHC 2.13 337 (P) 30 24.54 5.6
S 31 05.40
SAO 2.37 151 eP 30 20.65 -1.7
LBFM 2.61 16 eP 30 25.71 -0.2
FRI 3.11 126 ePc 30 33.18 0.3
PRI 3.22 146 iPc 30 36.22 1.6
PKEM 3.55 141 (P) 30 54.98 15.9
BONR 3.70 103 Pn 30 41.63 0.0
S 31 40.94
KVN 3.73 85 eP 30 41.17 -0.7
TNP 4.50 98 Pn 30 51.76 -1.1
SSK 6.23 136 eP 31 14.74 -2.5
DUG 7.89 77 eP 31 40.05 -0.5
1.1s 6.97nm 4.8mb X
MSU 8.38 89 (P) 31 46.56 -0.9
RSSD 15.06 64 P 33 22.50 4.9
YKA 24.21 9 eP 35 09.10 8.7
0.5s 0.20nm 3.0mb
26 obs. associated

? FEB 10, 1992 19h 11m 49.23± 0.61s
17.595 S ±16.0km 172.885 W ±21.1km
DEPTH = 33.0km (normal)
4.4mb (6 obs.)
TONGA ISLANDS REGION (174)

URZ 22.38 201 P 16 46.80 0.8
MNG 25.05 201 eP 17 11.50 -0.4
LTZ 28.11 204 eP 17 45.90 5.8X
EWZ 29.27 205 P 17 55.90 5.4X
WRA 49.86 258 P 20 39.50 -2.2
0.4s 3.20nm 4.7mb
TNP 76.11 42 eP 23 35.40 -0.5
1.0s 3.75nm 4.3mb
pP 23 45.00 31kmX
ANMO 81.83 50 eP 24 06.40 -0.5
1.0s 3.25nm 4.3mb
BW06 83.57 41 e(P) 24 15.60 -0.2
1.0s 2.00nm 4.2mb
FBA 84.45 10 eP 24 18.70 -0.7
BJI 87.33 313 eP 24 35.50 1.4
2.0s 43.00nm 5.4mb
CHG 93.87 288 eP 25 08.90 3.8X
CHTO 93.87 288 eP 25 06.10 1.0
1.2s 0.35nm 3.7mb
KSP 146.03 350 ePKP 31 27.00 0.6
CLL 146.04 353 ePKP 31 27.00 0.7
1.3s 20.00nm
e 31 38.00
BRG 146.35 352 ePKP 31 30.00 3.1X
1.0s 34.00nm
e 31 40.30
SPC 146.74 344 e(PKP) 31 33.50 5.7X
e 31 41.80
PRU 147.14 351 ePKP 31 32.50 4.3X
GRF 147.81 355 ePKP 31 34.00 4.7X
KHC 148.11 352 PKP 31 35.60 5.8X
e 31 46.00
GEC2 148.37 352 PKP 31 33.30 3.0X
0.9s 1.35nm
ZST 148.41 347 e(PKP)31 40.50 10.3X
SRO 148.49 345 e(PKP)31 40.50 10.1X
S.D. = 1.1 on 11 of 22 obs.

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* FEB 10, 1992 19h 44m 20.03± 1.51s
15.794 N ± 6.3km 59.485 W ±14.3km
DEPTH = 33.0km (normal)
3.8mb (1 obs.)
LEEWARD ISLANDS (92)
ML 3.5 (FDF). MD 3.9 (TRN).

CRM 1.72 233 iPd 44 48.12 -0.1
MGG 1.77 274 eP 44 48.38 -0.4
MVM 1.84 228 iPd 44 49.64 -0.2
S 45 11.20
FDF 1.92 237 iPd 44 50.62 -0.5
0.1s 3.50nm
S 45 12.00
BBL 1.94 262 eP 44 50.56 -0.7
S 45 10.50
BIM 1.99 231 iPd 44 52.02 0.0
S 45 15.20
PAG 2.12 277 eP 44 54.04 0.1
S 45 16.80
SLW 2.25 219 eP 44 55.60 -0.2
eS 45 21.88
SLB 2.47 218 eP 44 58.88 0.0
eS 45 26.67
BPA 2.59 299 eP 45 01.00 0.4
MGH 2.78 290 eP 45 04.20 1.0
S 45 35.10
SVB 3.04 215 eP 45 08.02 1.1
eS 45 41.98
YKA 60.32 334 eP 54 27.20 -0.5
0.6s 0.50nm 3.8mb
S.D. = 0.6 on 13 of 13 obs.

% FEB 10, 1992 20h 05m 26.60± 0.65s
44.541 N ± 5.4km 7.283 E ± 7.4km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.6 (GEN).

10d 20h

```
PZZ      0.13 254 P      05 29.72  -0.2
                  S      05 31.87
STV      0.30 174 P      05 33.00   0.1
                  S      05 37.10
BHB      0.30 357 P      05 32.79  -0.1
ENR      0.33 163 P      05 33.51   0.0
                  S      05 38.33
ROB      0.49 120 P      05 36.48   0.0
RRL      0.52 317 P      05 37.41   0.2
     S.D. = 0.2  on   6 of   6 obs.
-------------------------------------
   FEB  10, 1992  20h 32m 20.71± 1.37s
    4.061 S ± 6.6km  131.571 E ± 8.7km
   DEPTH =  39.6 ± 13.1 km
   4.8mb (   4 obs.)
 BANDA SEA                        (280)

SWI      3.19 354 iPc    32 56.50 -13.2X
AAI      3.39 276 ePc    33 13.50   1.0
MTN      8.74 183 eP     34 27.00  -0.6
                  eS     36 04.00
KNA     11.94 193 iPc    35 09.40  -2.0
        0.4s    34.00nm          5.8mb X
PMG     16.36 110 eP     36 10.00   0.8
COOL    28.43 199 eP     38 14.70   0.7
MRWA    29.06 209 eP     38 20.00   0.4
BAL     29.90 206 eP     38 27.50   0.4
KLB     30.31 204 eP     38 31.00   0.3
MUN     31.29 206 eP     38 40.30   0.9
CHG     39.36 306 ePc    39 49.00   0.6
        1.0s    10.00nm          4.6mb
CHTO    39.36 306 iPc    39 49.00   0.6
        0.7s     6.83nm          4.5mb
                  pP     39 57.90  30kmX
BJI     46.11 344 eP     40 42.50  -0.4
SHL     48.46 310 eP     41 01.20  -0.6
GUN     54.28 309 P      41 45.60  -0.3
PKI     54.48 308 P      41 46.60  -0.8
KKN     54.69 308 P      41 48.00  -0.8
DMN     54.74 308 P      41 48.60  -0.6
GKN     55.29 308 P      41 52.60  -0.5
        0.8s    17.00nm          5.1mb
YAK     65.91 359 eP     43 04.10  -0.3
        0.8s    26.00nm          5.4mb
QUE     70.43 304 eP     43 34.30   0.7
MAIO    78.08 308 eP     44 18.00   0.5
ZOBO   151.92 137 PKP    52 22.00  13.9X
     S.D. = 0.8  on  21 of  23 obs.
-------------------------------------
*  FEB  10, 1992  21h 30m 29.25± 0.86s
   31.812 S ±10.1km  177.290 W ±18.5km
   DEPTH =  33.0km  (normal)
   4.6mb (   2 obs.)
 KERMADEC ISLANDS REGION          (177)

URZ      7.90 214 eP     32 25.60   0.9
                  eS     33 58.30
MNG     10.55 212 eP     32 59.20  -2.0
                  eS     34 59.10
THZ     12.66 216 eP     33 31.00   1.3
KHZ     12.86 212 eP     33 31.30  -1.0
ODZ     16.22 212 eP     34 17.20   1.1
DZM     17.43 300 iPc    34 31.70   0.1
WRA     44.77 273 P      38 40.70  -1.0
        0.8s     5.50nm          4.5mb
CHG     94.62 289 eP     43 49.00   0.7
CHTO    94.62 289 eP     43 48.80   0.5
        0.9s     2.77nm          4.7mb
BMA    109.65 134 ePKP   49 03.50   4.7X
BHD    145.00 284 ePKPc  50 04.00  -0.8
                  e      50 15.00
KAF    146.08 340 iPKP   50 02.10  -3.6X
        0.5s     6.80nm
MSL    146.38 289 ePKP   50 07.00  -0.1
OBN    146.66 324 ePKPc  50 05.30  -1.6
        0.9s    31.00nm
                  i      50 17.00
                  e      50 37.00
NUR    147.84 340 iPKP   50 07.60  -1.0
        0.7s    16.00nm
NB2    150.23 352 PKP    50 13.70   1.3
        0.8s     4.00nm
HFS    150.74 349 ePKP   50 14.40   1.3
        0.6s     2.30nm
KIC    153.74 163 PKP    50 26.00   7.2X
     S.D. = 1.2  on  15 of  18 obs.
-------------------------------------
   FEB  10, 1992  21h 44m 35 66± 0.71s
   20.957 S ± 8.1km   66.762 W ± 7.7km
   DEPTH = 221.8 ±  6.7 km
   4.7mb ( 10 obs.)
 SOUTHERN BOLIVIA                 (125)

CCH      3.60   9 iPc    45 35.50   1.2
                  S      46 19.50
ANT      4.35 230 eP     45 42.50  -0.6
                  iS     46 29.50
LPB      4.58 344 iPc    45 47.20   0.8
        1.0s  1480.00nm
                  S      46 41.00
ZOBO     4.82 344 iPc    45 50.70   1.1
ARE      6.33 314 iPc    46 06.40  -2.1
                  iS     47 14.00
ITB1    11.99 110 Pd     47 29.00   8.2X
MDZ     12.02 188 eP     47 21.50   0.2
ITB     12.18 111 Pd     47 29.50   6.2X
NNA     13.15 311 eP     47 34.00  -1.5
        0.8s    48.51nm          4.9mb
                  i      47 39.00
                  eS     49 53.50
PPD     14.42  97 eP     47 52.10   0.9
                  e      47 56.50
VAO     18.47 100 eP     48 36.60  -0.9
                  e      48 49.90
BAO     18.59  77 iPd    48 39.50   0.7
                  e      48 42.00
                  e      48 46.50
TKL     58.57 344 P      54 10.00  -1.3
OLY     60.84 337 P      54 24.70  -2.1
ELC     61.68 340 P      54 30.40  -1.9
FVM     62.71 339 P      54 37.40  -1.7
        0.8s    42.66nm          5.3mb
TUL     62.88 334 ePc    54 39.80  -0.5
        1.0s    24.50nm          4.9mb
LNO     62.88 334 ePc    54 39.50  -0.6
LIC     66.31  73 P      55 01.40  -1.3
TIC     66.50  73 P      55 02.50  -1.5
KIC     66.63  73 Pc     55 03.30  -1.4
        0.7s    13.00nm          4.8mb
ANMO    67.17 325 P      55 08.40   0.4
        1.0s     7.50nm          4.4mb
GOL     70.29 329 P      55 27.70   0.6
SRU     72.44 326 P      55 40.20   0.5
EMUT    73.10 326 P      55 44.90   1.2
RSSD    73.20 333 P      55 44.50   0.4
        1.0s    13.56nm          4.6mb
DUG     74.44 325 P      55 52.00   0.8
        0.8s     6.54nm          4.4mb
BW06    74.67 329 P      55 52.20  -0.4
        1.2s     5.25nm          4.1mb
HVU     75.55 326 P      55 57.80   0.3
BONR    76.01 320 P      56 01.60   1.2
PTI     76.13 327 P      56 02.00   1.2
HPI     77.11 327 P      56 07.60   1.3
ORV     78.95 320 P      56 17.80   1.7
SES     81.08 333 eP     56 28.00   0.9
FFC     81.18 340 eP     56 27.00  -0.5
        0.9s    10.00nm          4.5mb
DPW     82.57 328 P      56 36.10   1.2
YKA     91.36 340 eP     57 16.70  -0.1
        0.7s     6.00nm          4.7mb
WRA    134.41 208 PKP    03 31.00   1.5
        0.4s     0.50nm
HYB    147.09  90 ePKP   03 57.50   5.4X
GKN    153.08  69 PKP    04 15.20  14.2X
DMN    153.55  70 PKP    04 16.80  15.0X
KKN    153.68  70 PKP    04 16.60  14.7X
PKI    153.82  70 PKP    04 16.60  14.3X
GUN    154.18  69 PKP    04 16.80  14.0X
     S.D. = 1.2  on  36 of  44 obs.
-------------------------------------
?  FEB  10, 1992  21h 59m 52.08± 7.94s
   33.930 S ±28.2km   72.843 W ±58.0km
   DEPTH =  10.0km  (geophysicist)
 OFF COAST OF CENTRAL CHILE       (134)
      MD 4.0 (SAN).

LCCH     1.15  67 ePc    00 13.60  -0.1
                  eS     00 27.50
LNV      1.19  92 iPc    00 14.40   0.1
                  iS     00 28.20
IHA      1.35  48 eP     00 20.50   3.6X
                  e(S)   00 38.50
TACH     1.61  81 iPd    00 20.30  -0.3
                  iS     00 41.00
CHCH     1.82  91 iPc    00 24.00   0.3
                  iS     00 45.00
PCH      1.96  82 eP     00 25.50  -0.4
PEL      1.97  67 iPc    00 26.20   0.4
                  iS     00 54.50
     S.D. = 0.4  on   6 of   7 obs.
-------------------------------------
*  FEB  10, 1992  22h 31m 28.78± 2.05s
    1.843 S ±11.8km  100.530 E ±21.9km
   DEPTH =  73.1 ± 19.1 km
   4.9mb (   6 obs.)
 SOUTHERN SUMATERA, INDONESIA     (274)

KSI      2.72 131 ePc    32 10.70  -0.4
                  eS     32 45.70
                  e      36 00.00
KGM      4.74  36 iPd    32 40.10   0.7
        0.4s    80.30nm
                  i      33 08.90
IPM      6.40   4 ePd    33 03.50   1.0
        0.4s    35.10nm          5.2mb X
CHG     20.59 356 eP     36 02.40  -1.8
CHTO    20.59 356 eP     36 02.30  -1.9
        1.1s     3.83nm          3.6mb X
SHL     28.50 343 iPc    37 18.40  -1.2
PKI     32.67 335 P      37 56.20  -0.3
GUN     32.77 336 P      37 58.00   0.6
        0.6s    32.00nm          5.3mb X
DMN     32.83 334 P      37 58.00   0.1
KKN     32.91 335 P      37 58.40  -0.1
        0.5s    13.00nm          5.0mb
GKN     33.38 334 P      38 02.60   0.1
        0.5s    11.00nm          5.0mb
ASPA    38.92 127 eP     38 48.90  -0.4
        0.6s    15.20nm          5.1mb
BJI     44.07  17 eP     39 32.00   0.8
KAF     84.29 333 iP     43 54.50   1.0
        0.4s     4.70nm          4.9mb
NUR     84.67 331 eP     43 56.30   0.8
GEC2    89.28 319 PKP    44 18.20  -0.1
        0.6s     0.35nm          3.8mb
HFS     90.00 330 eP     44 22.50   1.3
        0.4s     1.00nm          4.4mb
TCA    144.10 202 iPKP   50 50.00  -8.4X
     S.D. = 1.1  on  17 of  18 obs.
-------------------------------------
   FEB  10, 1992  22h 38m 02.31± 0.90s
    6.006 S ± 5.5km  150.784 E ± 6.8km
   DEPTH =  65.1 ±  9.1 km
   5.0mb (   9 obs.)
 NEW BRITAIN REGION, P.N.G.       (192)
      Felt (III) at Rabaul.

RAB      2.27  37 iP+    38 37.50  -0.7
        0.4s  3254.24nm
                  iS     39 04.00
LAT      3.82 260 eP     39 03.90   4.0X
                  eS     39 15.60
YYYY     4.80 267 eP     39 21.30   7.4X
PMG      4.94 227 eP     39 14.10  -1.6
                  eS     40 09.50
MDG      5.04 278 eP     39 18.70   1.6
HNR      9.70 111 eP     40 22.00   0.4
                  e(S)   42 15.00
GUA     20.27 343 eP     42 36.00   0.8
        0.9s   215.13nm          5.5mb
GUMO    20.33 343 eP     42 36.10   0.3
     Z  23s     0.73um          4.0MszX
PJG     20.33 343 eP     42 37.00   1.2
RMQ     20.46 185 iPd    42 36.80  -0.3
        0.7s    96.00nm          5.2mb
MTN     20.54 249 eP     42 36.40  -1.5
BRS     21.35 175 iPd    42 45.60  -0.6
        1.5s     5.00nm          3.7mb X
                  i      42 52.60
                  iS     46 48.00
QLP     21.40 196 iPd    42 46.40  -0.1
        0.8s   102.00nm          5.2mb
DZM     22.00 138 iPc    42 53.00   0.3
KNA     23.67 244 eP     43 09.40   0.5
ASPA    23.92 221 eP     43 11.50   0.1
        0.9s    26.10nm          4.7mb
     Z  22s     0.70um          4.1Msz
                  iS     47 27.80
ARMA    24.30 178 eP     43 16.00   0.9
CMS     25.77 190 eP     43 30.00   1.2
```

i 43 41.60
WARB 30.55 226 eP 44 11.50 -0.6
CHTO 56.72 297 eP 47 39.90 -2.2
1.0s 2.25nm 4.2mb
LZH 60.72 317 eP 48 09.50 -0.2
2.0s 28.00nm 5.0mb
sP 48 26.50
YAK 69.75 350 eP 49 06.70 -0.4
1.5s 28.00nm 5.0mb
GUN 71.04 302 P 49 15.80 -0.4
PKI 71.34 302 P 49 19.20 1.3
KKN 71.51 302 P 49 20.40 1.6
DMN 71.60 302 P 49 19.00 -0.4
GKN 72.12 302 P 49 22.40 0.1
SPA 84.03 180 iPd 50 29.20 2.3
1.0s 20.00nm 5.1mb
INK 90.29 21 eP 50 56.00 -0.9
YKA 97.42 28 eP 51 28.40 -1.3
0.5s 0.40nm 4.2mb
GEC2 124.00 327 PKP 56 54.50 -0.5
1.0s 1.92nm
ZOBO 135.58 120 ePKP 57 23.00 4.3X
PPD 144.71 143 ePKP 57 33.30 -0.9
e 57 42.90
KIC 155.67 272 PKP 58 01.80 10.9X
S.D. = 1.1 on 30 of 34 obs.

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* FEB 10, 1992 22h 49m 40.86± 1.63s
31.701 S ±18.9km 70.206 W ±15.6km
DEPTH = 110.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.8 (SAN).

RTBS 0.64 87 iPc 49 59.80 0.9
S 50 35.00
JACH 1.03 198 iPc 50 03.20 0.4
iS 50 19.40
ZON 1.31 84 eP 50 05.00 -0.9
ROCH 1.44 208 iPc 50 07.70 0.2
iS 50 26.70
PEL 1.49 196 iPc 50 08.00 0.0
iS 50 28.00
MDZ 1.65 136 eP 50 10.00 0.1
eS 50 31.50
PCH 1.93 188 iPd 50 13.90 0.3
iS 50 37.50
TACH 2.04 197 iPd 50 14.50 -0.4
iS 50 38.80
CHCH 2.26 189 eP 50 18.00 0.3
eS 50 44.50
LNV 2.47 204 iPc 50 19.60 -0.8
S.D. = 0.6 on 10 of 10 obs.

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* FEB 10, 1992 23h 03m 58.51± 1.68s
29.708 S ±13.4km 176.828 E ±24.3km
DEPTH = 33.0km (normal)
4.7mb (2 obs.)
NORTH OF NEW ZEALAND (176)

HBZ 7.97 172 eP 05 56.00 1.2
PUZ 8.43 172 eP 05 59.50 -1.8
eS 07 35.00
URZ 8.53 179 eP 06 03.90 1.2
eS 07 46.70
MNG 10.94 185 eP 06 32.90 -2.9X
S 08 42.00
KIW 11.24 187 eP 06 39.90 0.0
CAW 11.47 187 eP 06 41.20 -1.7
MRW 11.63 188 eP 06 44.30 -0.8
eS 09 00.00
THZ 12.44 194 eP 06 58.20 2.1
eS 09 25.30
KHZ 12.96 191 P 07 02.40 -0.5
eS 09 32.10
LTZ 13.55 194 eP 07 11.20 0.4
ASPA 38.66 269 eP 11 20.70 -0.2
0.6s 15.90nm 5.0mb
WRA 39.58 274 P 11 28.10 -0.5
0.6s 5.10nm 4.5mb
FORR 41.83 256 eP 11 47.20 0.3
WARB 44.20 262 eP 12 02.50 -3.8X
KIC 156.73 176 PKP 23 46.20 -5.9X
GEC2 156.95 331 PKPc 23 51.90 0.4
0.5s 0.65nm
S.D. = 1.2 on 13 of 16 obs.

? FEB 10, 1992 23h 08m 54.29± 1.41s
11.230 N ± 7.7km 61.872 W ±16.1km
DEPTH = 60.0km (geophysicist)
WINDWARD ISLANDS (95)
MD 3.2 (TRN).

TCE 0.54 168 eP 09 07.24 0.4
eS 09 20.96
TRN 0.74 141 eP 09 09.76 0.7
eS 09 25.13
TPP 1.00 155 eP 09 11.41 -1.0
eS 09 29.46
TPR 1.08 92 eP 09 13.61 0.1
eS 09 32.22
TBH 1.08 133 eP 09 13.61 0.0
eS 09 31.54
BOT 1.13 93 eP 09 14.08 -0.2
eS 09 35.27
SVB 2.12 17 eP 09 27.88 -0.1
eS 09 56.47
S.D. = 0.6 on 7 of 7 obs.

% FEB 10, 1992 23h 17m 46.31± 0.67s
39.450 S ± 4.2km 176.099 E ± 6.1km
DEPTH = 119.9 ± 11.0 km
NORTH ISLAND, NEW ZEALAND (159)

HATZ 0.56 359 P 18 02.40 -2.5
RUZ 0.67 298 Pd 18 04.10 -1.6
S 18 14.40
BSZ 0.97 249 P 18 09.00 0.7
PATZ 1.07 7 P 18 09.00 -0.5
PGZ 1.18 174 P 18 10.80 0.4
TAZ 1.26 15 P 18 11.30 0.0
MNG 1.26 202 Pc 18 11.80 0.4
S 18 27.70
UTU 1.27 3 P 18 11.40 -0.1
MOZ 1.38 313 P 18 12.90 0.2
S 18 29.60
URZ 1.43 34 P 18 12.60 -0.6
S 18 30.00
WLZ 1.66 346 P 18 16.10 0.2
KIW 1.68 212 P 18 16.90 0.7
NRZ 1.68 273 P 18 18.50 2.2
NOZ 1.72 62 eP 18 17.30 0.6
MTW 1.77 195 P 18 17.50 0.2
CAW 1.84 205 P 18 18.50 0.3
AMW 1.88 188 P 18 19.20 0.6
BLW 1.98 194 P 18 20.10 0.2
MOW 2.07 198 P 18 21.20 0.0
MRW 2.08 210 P 18 21.50 0.4
S 18 46.50
DIW 2.15 230 eP 18 22.60 0.5
PUZ 2.18 52 P 18 22.70 0.2
eS 18 48.30
TCW 2.25 218 P 18 23.60 0.3
HBZ 2.53 44 P 18 27.50 0.5
KUZ 2.71 354 P 18 30.70 1.2
ORZ 3.06 242 P 18 34.10 0.0
THZ 3.36 225 P 18 38.50 0.4
KHZ 3.54 212 P 18 40.40 -0.1
S 19 18.60
DSZ 4.00 234 P 18 45.90 -0.8
LTZ 4.41 220 P 18 51.40 -0.9
MOZ 4.98 210 eP 18 58.60 -1.4
S 19 50.20
EWZ 5.66 222 eP 19 09.00 -0.2
ODZ 6.90 214 eP 19 24.80 -1.5
S.D. = 0.9 on 33 of 33 obs.

FEB 10, 1992 23h 43m 32.55± 1.25s
19.178 S ± 5.9km 168.682 E ±10.0km
DEPTH = 45.4 ± 10.0 km
4.7mb (8 obs.)
VANUATU ISLANDS (186)

PVC 1.47 346 iP 43 56.70 -0.3
iS 44 17.00
DZM 3.56 216 iPd 44 24.90 -1.9
iS 45 05.00
HNR 12.86 318 eP 46 37.00 1.8
ARMA 19.08 231 iPd 47 47.30 -7.1X
1.2s 33.00nm 4.4mb
RMO 19.74 245 eP 48 02.00 0.4
0.5s 9.00nm 4.3mb
PUZ 20.59 158 eP 48 09.90 -0.4
e 48 19.40
MNG 22.15 166 eP 48 25.90 -0.1
e 48 30.20
THZ 22.80 172 eP 48 33.00 0.6
PMG 22.99 292 eP 48 35.00 0.7
KHZ 23.53 171 eP 48 39.10 -0.3
BWA 23.55 226 eP 48 39.20 -0.5
e 48 50.90
i 49 01.00
QLP 23.67 247 e(P) 48 42.00 1.0
i 48 52.00
CAN 23.69 223 eP 48 42.50 1.4
e 48 54.30
i 49 06.40
LTZ 23.73 173 P 48 41.90 0.5
CMS 23.96 235 iPc 48 45.00 1.3
EWZ 24.33 176 eP 48 48.50 1.4
ASPA 32.63 256 iPc 50 00.50 -2.0
1.0s 14.30nm 4.8mb
i 50 11.60
eS 54 43.80
SPA 70.94 180 iPc 54 46.90 -0.2
1.0s 20.00nm 5.0mb
BJI 76.56 321 eP 55 19.50 -0.3
1.3s 14.00nm 4.8mb
e 55 30.00
CHG 78.15 295 eP 55 29.10 0.0
CHTO 78.15 295 iP 55 28.90 -0.2
1.2s 7.64nm 4.6mb
pP 55 40.90 40kmX
LZH 82.30 312 Pc 55 51.50 0.4
1.6s 29.00nm 5.1mb
pP 56 03.00 38kmX
GUN 92.71 298 PKP 56 41.40 -0.4
PKI 92.98 298 PKP 56 42.20 -0.9
KKN 93.17 298 PKP 56 42.30 -1.5
DMN 93.25 298 PKP 56 43.80 -0.4
GKN 93.77 298 PKP 56 45.40 -1.1
YKA 100.86 27 ePdiff57 15.30 -2.4X
0.6s 0.70nm 4.4mb
BUL 124.70 227 iPKPd 02 27.50 -2.3X
0.8s 4.48nm
BRG 142.58 334 e(PKP)03 06.00 3.8X
CLL 142.64 335 ePKP 03 01.00 -1.3
PRU 142.98 332 ePKP 03 04.70 1.8
VAY 143.69 315 ePKP 02 57.00 -7.4X
i 03 01.00
i 03 11.60
MOX 143.71 335 ePKPd 03 00.50 -3.7X
1.9s 42.00nm
e 03 12.00
KHC 144.03 332 PKP 03 02.00 -2.8X
1.0s 5.40nm
e 03 14.40
e 04 08.50
SKO 144.13 316 ePKP 03 02.20 -2.9X
1.2s 67.00nm
i 03 14.40
GEC2 144.19 331 PKP 03 06.30 1.1
GRF 144.61 335 iPKPc 03 03.70 -2.0X
1.1s 34.00nm
e 03 15.60
BNS 145.06 339 iPKPd 03 04.90 -1.5
PTJ 145.12 326 ePKP 03 02.90 -3.9X
TNS 145.25 338 ePKP+ 03 05.60 -1.2
BHG 145.39 331 ePKP 03 06.00 -1.1
KBA 145.63 330 iPKPc 03 05.90 -1.9
1.0s 16.60nm
i 03 18.20
MEM 145.75 340 iPKPc 03 06.61 -0.9
ic 03 18.98
VBY 145.75 326 ePKP 03 05.30 -2.5X
e 03 17.50
FUR 145.77 333 ePKP 03 07.10 -0.7
i 03 19.20
LJU 145.77 327 ePKP 03 06.80 -1.0
CEY 146.03 327 ePKP 03 07.80 -0.5
e 03 20.10
VOY 146.10 328 ePKP 03 07.70 -0.8
e 03 19.80
FVI 146.25 330 PKPc 03 08.30 -0.2
SNF 146.36 342 iPKPc 03 09.83 1.3
e 03 20.70
SOTA 146.52 332 iPKPc 03 09.00 -0.1
0.8s 17.40nm
i 03 20.90
WLF 146.52 339 PKP 03 09.00 0.2
e 09 21.00
DOU 146.64 341 PKPc 03 09.50 0.5

11d 00h

0.7s 24.40nm
ec 03 21.40
OGA 146.86 331 ePKP 03 11.30 1.5
CDF 147.18 337 iPKPc 03 11.20 1.1
0.9s 21.30nm
CTI 147.19 330 PKPc 03 11.40 1.2
BSF 147.84 337 iPKPc 03 12.90 1.7
0.8s 10.75nm
HAU 147.86 337 iPKPc 03 12.90 1.8
0.9s 13.10nm
VAI 148.63 333 PKPc 03 14.60 2.3X
SGO 148.79 319 PKPc 03 14.90 2.1X
ORX 149.16 333 PKP 03 29.48 16.1X
ORO 149.17 333 PKP 03 15.70 2.3X
FLN 149.22 346 ePKP 03 16.00 2.8X
1.1s 43.95nm
LDF 149.29 345 ePKP 03 16.10 2.8X
0.8s 12.10nm
LOR 149.36 340 iPKPc 03 16.80 3.3X
0.8s 18.80nm
LBF 149.56 339 iPKPc 03 17.10 3.2X
1.2s 26.80nm
LSD 149.65 334 PKP 03 31.43 17.1X
GRR 149.65 346 iPKPc 03 17.20 3.3X
1.0s 32.00nm
SSF 149.65 340 iPKPc 03 17.60 3.7X
0.8s 25.50nm
LPL 149.77 334 iPKPc 03 18.30 3.8X
0.8s 10.05nm
LPG 149.78 334 iPKPc 03 18.60 4.0X
0.9s 16.40nm
RSP 149.85 333 PKP 03 31.94 17.5X
SMF 149.91 339 iPKPc 03 17.70 3.4X
1.0s 14.00nm
AVF 149.94 340 ePKP 03 17.90 3.6X
1.0s 14.00nm
LPF 150.03 346 iPKPc 03 18.40 4.0X
1.0s 52.00nm
BHB 150.10 333 PKP 03 31.35 16.7X
BNI 150.17 334 PKPc 03 19.00 4.0X
ROB 150.26 332 PKP 03 31.84 16.8X
BGF 150.31 340 iPKPc 03 19.00 4.1X
1.8s 94.95nm
PZZ 150.43 333 PKP 03 34.20 18.8X
STV 150.54 332 PKP 03 33.27 17.8X
IMI 150.55 331 PKP 03 32.97 17.5X
MAF 150.70 340 ePKP 03 20.00 4.5X
0.8s 6.70nm
TCF 150.75 341 iPKPc 03 20.10 4.5X
0.8s 10.75nm
SSB 150.83 337 PKP 03 20.39 4.6X
LSF 151.00 341 iPKPc 03 20.20 4.2X
0.9s 14.75nm
PGF 151.05 328 ePKP 03 20.80 4.5X
1.1s 53.70nm
MFF 151.15 344 iPKPc 03 20.90 4.7X
1.0s 26.00nm
FRF 151.38 332 ePKP 03 21.30 4.7X
0.8s 13.45nm
LRG 151.59 332 ePKP 03 22.10 5.2X
0.8s 13.45nm
LMR 151.62 332 ePKP 03 21.90 4.9X
0.8s 12.10nm
RJF 151.85 341 ePKP 03 22.50 5.2X
1.0s 16.00nm
CAF 152.01 339 ePKP 03 21.70 4.1X
1.0s 10.00nm
LFF 152.42 341 ePKP 03 23.90 5.8X
1.2s 32.75nm
LPO 152.51 340 ePKP 03 24.20 6.0X
1.0s 18.00nm
S.D. = 1.1 on 48 of 96 obs.

? FEB 11, 1992 00h 04m 00.47± 2.33s
67.930 N ±27.3km 20.340 E ±11.6km
DEPTH = 5.0km (geophysicist)
SWEDEN (536)
MD 2.3 (BER).

KTK1 1.52 43 eP 04 28.27 -0.1
eS 04 48.85
TRO 1.79 344 eP 04 32.14 0.0
eS 04 56.11
ARA0 2.48 47 Pn 04 42.26 0.1
Lg 05 16.39
LOF 2.56 278 eP 04 43.31 0.0
eS 05 14.49

S.D. = 0.2 on 4 of 4 obs.

• FEB 11, 1992 00h 06m 02.34± 1.53s
1.142 N ±11.1km 124.043 E ±15.6km
DEPTH = 305.4 ± 14.2 km
4.4mb (10 obs.)
MINAHASSA PENINSULA, SULAWESI (265)

PCI 4.67 244 ePc 07 16.50 -0.3
eS 07 53.50
e 10 44.00
KKM 9.20 302 ePd 08 11.50 -0.1
0.7s 89.70nm 4.9mb
KHKI 12.64 222 ePd 08 55.10 1.3
e 10 37.80
MTN 15.58 153 iPd 09 27.40 -0.8
e 09 41.00
KNA 17.42 165 eP 09 47.40 -0.3
WB2 23.27 155 iPc 10 44.60 -0.4
0.4s 103.30nm 5.6mb X
iS 14 31.50
ASPA 26.46 159 iPd 11 13.70 -0.4
0.4s 19.60nm 4.9mb
iS 15 23.30
WARB 27.28 175 eP 11 21.50 0.0
CHTO 30.23 307 P 11 47.70 0.2
1.0s 7.50nm 4.2mb
BAL 32.34 192 eP 12 04.90 -0.7
0.4s 5.00nm 4.4mb
KLB 33.10 190 eP 12 11.50 -0.6
0.4s 4.00nm 4.3mb
STK 36.82 155 iPd 13 00.50 17.1X
0.6s 14.40nm
e 14 26.90
ARMA 40.93 142 iPc 13 19.60 2.2
0.5s 16.00nm 4.5mb
BFD 41.81 158 iPc 13 29.30 5.0X
0.5s 11.00nm 4.3mb
GUN 45.18 310 P 13 52.00 0.2
0.5s 24.00nm 4.8mb
PKI 45.38 309 P 13 53.20 -0.1
KKN 45.58 309 P 13 54.60 -0.2
0.5s 7.00nm 4.2mb
DMN 45.63 309 P 13 54.40 -0.9
GKN 46.19 309 P 14 00.00 0.5
0.6s 13.00nm 4.4mb
HYB 47.54 293 eP 14 10.00 0.1
S.D. = 0.8 on 18 of 20 obs.

? FEB 11, 1992 00h 06m 36.86± 4.23s
34.581 S ±22.8km 70.541 W ±20.5km
DEPTH = 134.2 ± 39.5 km
CHILE-ARGENTINA BORDER REGION (127)
MD 3.7 (SAN).

CHCH 0.65 352 iPc 06 57.90 0.2
iS 07 10.50
LNV 0.95 311 iP 07 00.00 0.0
iS 07 15.40
PCH 0.96 1 iP 07 00.00 -0.2
iS 07 15.30
TACH 0.98 340 iPc 07 00.10 -0.2
iS 07 15.50
PEL 1.44 355 iPc 07 05.00 0.0
iS 07 24.20
ROCH 1.65 346 iPd 07 07.50 -0.1
iS 07 28.60
RFA 1.72 97 iP 07 08.20 0.0
JACH 1.89 359 iPd 07 10.50 0.2
iS 07 34.00
S.D. = 0.2 on 8 of 8 obs.

% FEB 11, 1992 00h 54m 32.46± 1.42s
42.779 N ± 8.8km 12.034 E ±11.5km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

ASS 0.54 57 P 54 43.30 -0.2
eSg 54 53.70
MNS 0.62 129 P 54 44.30 -0.6
CRE 0.85 356 P 54 48.60 -0.3
eSg 55 03.00
ARV 0.98 42 P 54 51.10 0.0
eSg 55 06.30
AQU 1.10 112 P 54 53.90 0.8
PGD 1.12 348 P 54 54.30 0.7
SFI 1.15 353 P 54 53.50 -0.4
eSg 55 10.50
S.D. = 0.7 on 7 of 7 obs.

• FEB 11, 1992 00h 57m 39.68± 2.38s
12.030 S ±11.4km 166.510 E ±17.6km
DEPTH = 83.6 ± 18.5 km
4.6mb (8 obs.)
SANTA CRUZ ISLANDS (184)

HNR 6.95 291 eP 59 21.00 0.2
eS 00 37.00
DZM 9.99 180 iPc 00 02.30 -0.2
iS 01 48.90
RMO 22.04 227 iPc 02 29.50 0.8
0.4s 11.00nm 4.6mb
ARMA 22.92 215 eP 02 38.90 1.6
0.9s 23.00nm 4.6mb
CMS 27.18 221 eP 03 17.00 -0.3
i 03 20.40
STK 30.27 225 eP 04 01.40 16.4X
0.7s 9.70nm
WB2 31.85 252 eP 03 57.30 -1.7
0.8s 3.30nm 4.2mb
ASPA 33.04 245 iPc 04 07.70 -1.7
0.7s 11.50nm 4.8mb
CHTO 73.31 294 ePc 09 04.80 0.4
1.1s 7.66nm 4.5mb
LZH 75.97 312 eP 09 36.50 16.9X
1.4s 25.00nm
GUN 87.45 299 P 10 20.80 0.9
PKI 87.76 299 P 10 21.60 0.2
KKN 87.93 299 P 10 22.20 0.2
DMN 88.03 299 P 10 23.20 0.6
0.8s 17.00nm 5.2mb
GKN 88.53 299 P 10 25.00 0.1
0.8s 12.00nm 5.1mb
YKA 95.50 27 eP 10 55.00 -1.0
0.5s 0.30nm 4.0mb
S.D. = 1.1 on 14 of 16 obs.

• FEB 11, 1992 01h 29m 13.68± 0.99s
31.574 S ±14.0km 67.649 W ± 6.2km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.50 266 iPc 29 23.00 -0.9
ZON 0.88 272 eP 29 30.00 -0.6
eS 29 44.00
RTCB 0.99 275 eP 29 33.50 1.0
S 29 47.20
MDZ 1.66 218 eP 29 44.50 1.6
iS 30 08.40
MRA 1.85 117 eP 29 45.50 -0.1
S 30 02.00
TCA 2.62 86 e(P) 29 57.00 0.1
S 30 32.50
RFA 3.26 192 iP 30 04.90 -1.0
(S) 30 51.00
S.D. = 1.2 on 7 of 7 obs.

? FEB 11, 1992 02h 10m 04.37± 2.01s
38.106 N ±15.5km 27.307 E ±23.2km
DEPTH = 5.0km (geophysicist)
TURKEY (366)

IZM 0.29 353 iPg 10 09.30 -1.0
iSg 10 12.30
CIN 0.80 129 ePg 10 20.00 -0.3
iSg 10 30.00
DST 1.82 34 ePn 10 37.30 0.7
EZN 1.88 336 ePn 10 38.00 0.6
S.D. = 1.4 on 4 of 4 obs.

% FEB 11, 1992 02h 12m 38.85± 3.80s
43.216 N ±16.5km 18.234 E ±23.9km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.0 (TTG).

BRY 0.39 144 iPgd 12 46.57 -0.3
iSg 12 55.15
NKY 0.69 125 iPgd 12 52.29 -0.3
iSg 13 05.24
HCY 0.79 166 iPgc 12 53.77 -0.5
iSg 13 07.49
PLE 0.85 82 iPgd 12 54.75 -0.7
iSg 13 09.37

```
BDV      1.03 155 iPgc  12 58.10  -0.2
                  iSg   13 15.72
TTG      1.09 136 iPgc  12 59.67   0.4
                  iSg   13 18.44
IVA      1.27 105 ePg   13 02.72   0.3
                  iSg   13 23.89
PVY      1.42 115 iPnc  13 05.49   0.7
                  iSn   13 27.99
ULC      1.46 149 iPnc  13 05.82   0.6
                  iSn   13 28.99
     S.D. = 0.6  on   9 of   9 obs.
-----------------------------------
&  FEB  11, 1992  02h 29m 17.00s
   62.302 N          154.555 W
   DEPTH =  23.6km
   4.0mb (  3 obs.)
 CENTRAL ALASKA                  (  1)
      <AEIC>. ML 3.9 (AEIC), 4.2
      (PMR). Felt (III) at Skwentna.

TTA      0.92 314 iPd   29 33.40  -0.9
SVW      1.30 203 eP    29 38.10  -1.7
SKT      1.46 101 ePc   29 40.44  -1.6
                  eS    29 58.44
BGL      1.46 134 iPd   29 40.23  -2.0
CKL      1.53 135 ePd   29 41.52  -1.7
CRP      1.54 131 ePd   29 41.80  -1.6
CKN      1.56 133 iPd   29 42.42  -1.2
SPU      1.64 132 ePc   29 43.14  -1.5
                  eS    30 05.12
BKG      1.65 138 iPc   29 43.51  -1.4
DFR      1.94 152 eP    29 47.34  -1.7
CUT      2.00  85 ePc   29 48.14  -1.7
REF      2.03 153 iPc   29 48.46  -2.0
RS2      2.04 154 ePc   29 48.57  -2.1
RSO      2.04 154 ePc   29 48.51  -2.1
RS1      2.04 154 eP    29 48.72  -1.9
RED      2.08 155 eP    29 49.04  -2.0
                  eS    30 15.66
KTH      2.08  51 eP    29 48.67  -2.5
TRF      2.27  58 eP    29 52.89  -1.0
                  eS    30 22.35
PWA      2.30 104 eP    29 52.10  -2.1
INW      2.35 162 eP    29 52.59  -2.3
INE      2.36 162 eP    29 52.79  -2.4
                  eS    30 22.15
HUR      2.37  71 eP    29 54.27  -0.9
PDB      2.53 176 ePc   29 54.61  -2.8
PMS      2.60 112 eP    29 57.10  -1.4
PLRM     2.66 103 eP    29 57.08  -2.2
PMR      2.66 103 eP    29 57.60  -1.7
GHO      2.71  99 eP    29 58.05  -2.0
SLKM     2.75 129 eP    29 58.90  -1.7
NNL      2.76 144 eP    30 00.08  -0.6
RND      2.84  65 eP    29 59.84  -2.0
MCK      2.94  58 eP    30 02.80  -0.4
BWN      2.97  49 eP    30 03.01  -0.6
SML      2.97  97 eP    30 02.29  -1.4
AUE      3.01 168 eP    30 05.36   1.2
KNK      3.03 104 ePc   30 03.44  -1.0
AUI      3.03 169 eP    30 06.01   1.5
BRLK     3.11 143 eP    30 03.28  -2.4
MCNL     3.13 178 ePc   30 03.04  -2.9
XLV      3.18 153 eP    30 04.39  -2.2
CNPM     3.22 148 ePc   30 05.04  -2.2
                  eS    30 45.69
MLY      3.22  30 eP    30 04.00  -3.3
NEA      3.36  45 eP    30 07.24  -1.9
CDD      3.41 172 eP    30 07.56  -2.4
IMA      3.80   5 eP    30 13.90  -1.7
GLI      3.84 108 eP    30 12.31  -3.7
MDM      3.88  44 eP    30 14.26  -2.3
TOA      3.93  89 eP    30 16.70  -0.6
LTI      3.96 122 eP    30 13.11  -4.5
FBA      3.99  46 P     30 17.04  -1.0
                  S     31 16.26
VZW      4.01 105 eP    30 16.84  -1.6
HDA      4.02  55 eP    30 18.23  -0.4
MTU      4.07 122 eP    30 17.01  -2.3
KLU      4.17  97 ePc   30 18.01  -2.7
FID      4.17 108 eP    30 17.77  -2.9
GLM      4.18  47 eP    30 19.30  -1.6
SDG      4.20  83 eP    30 19.01  -2.1
PAX      4.25  77 eP    30 20.38  -1.5
TZL      4.29  89 eP    30 22.30  -0.1
KDC      4.68 166 P     30 25.60  -2.4
SGAM     4.84 108 eP    30 26.17  -4.0
DOT      4.97  70 eP    30 31.64  -0.5
PRP      5.13  47 eP    30 32.31  -2.1
GLB      5.16  95 eP    30 31.82  -2.9
ANM      5.36 300 eP    30 35.68  -1.8
TMW      5.40  74 eP    30 35.71  -2.4
CROM     5.68 101 eP    30 39.59  -2.6
TGL      5.82 100 eP    30 40.37  -3.7
BALM     5.95  97 eP    30 42.55  -3.4
CTGM     6.44  96 eP    30 50.34  -2.6
YAH      6.46 102 eP    30 49.73  -3.6
INK     10.61  46 P     31 46.50  -4.1
         0.5s     1.30nm          4.5mb X
YKA     18.31  72 eP    33 27.00  -3.7
         0.7s     1.40nm          3.2mb
TNP     33.26 119 eP    35 52.70  -1.8
         0.9s     2.34nm          4.1mb
RSSD    34.17  98 eP    36 00.80  -1.6
         0.6s     3.93nm          4.5mb
         74 obs. associated
-----------------------------------
?  FEB  11, 1992  02h 38m 22.36± 1.16s
   44.649 N ± 8.6km    7.623 E ±11.0km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                  (545)
      ML 1.6 (GEN).

BHB      0.32 307 P     38 29.19   0.2
                  S     38 33.49
ROB      0.40 153 P     38 30.52   0.0
                  S     38 35.65
PZZ      0.40 249 P     38 30.52  -0.1
                  S     38 35.75
RSP      0.57 333 P     38 33.80  -0.1
                  S     38 41.08
     S.D. = 0.2  on   4 of   4 obs.
-----------------------------------
   FEB  11, 1992  02h 40m 54.14± 0.72s
   40.289 N ± 6.4km   20.568 E ± 6.9km
   DEPTH =  10.0km  (geophysicist)
 GREECE-ALBANIA BORDER REGION    (392)
      MD 2.4 (THE).

IGT      0.78 194 ePg   41 08.94  -0.4
                  eSg   41 21.98
FNA      0.79  51 ePg   41 08.67  -0.9
                  eSg   41 19.41
KEK      0.82 226 eP    41 10.00  -0.1
                  eS    41 23.00
OHR      0.84  12 iPg   41 10.40   0.0
                  iSg   41 24.90
KZN      0.92  89 eP    41 10.10  -1.7
                  eS    41 24.70
LIT      1.48  97 ePb   41 21.29   0.4
                  eSb   41 40.01
GRG      1.55  64 ePb   41 22.54   0.7
                  eSb   41 43.09
AGG      1.86 132 ePb   41 27.08   0.8
                  eSb   41 52.54
KNT      1.97  63 ePb   41 28.94   1.0
                  eSb   41 54.29
SOH      2.19  75 ePn   41 30.98  -0.2
PAIG     2.41  98 ePn   41 34.21  -0.1
OUR      2.61  88 ePn   41 37.45   0.4
     S.D. = 0.8  on  12 of  12 obs.
-----------------------------------
%  FEB  11, 1992  02h 46m 51.60± 1.33s
   42.823 N ± 8.7km   12.108 E ±10.6km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                   (381)

ASS      0.48  58 P     47 01.20  -0.1
                  eSg   47 09.50
MNS      0.61 136 P     47 03.90   0.0
                  eSg   47 12.50
CRE      0.81 352 P     47 07.80   0.4
                  eSg   47 21.10
ARV      0.91  42 P     47 09.20   0.2
                  eSg   47 24.30
PGD      1.09 345 P     47 12.60   0.4
SFI      1.11 350 P     47 11.60  -0.8
                  eSg   47 28.80
     S.D. = 0.6  on   6 of   6 obs.
-----------------------------------
&  FEB  11, 1992  02h 49m 37.74s
   61.153 N          157.656 W
   DEPTH =   0.0km
 SOUTHERN ALASKA                 (  2)
      <AEIC>. ML 2.5 (AEIC).

TTA      1.94  23 eP    50 11.32  -1.1
                  eS    50 36.86
BGM      2.14 145 eP    50 13.94  -1.3
PDB      2.20 127 eP    50 13.59  -2.4
                  eS    50 42.29
INW      2.48 114 eP    50 17.98  -2.2
INE      2.52 114 eP    50 19.90  -0.8
BGL      2.55  85 eP    50 19.38  -1.8
CKL      2.58  87 eP    50 19.59  -2.0
BKG      2.62  89 eP    50 20.18  -1.9
SPU      2.71  87 eP    50 21.22  -2.3
AUI      2.79 129 eP    50 22.43  -2.0
SKT      3.05  72 eP    50 25.90  -2.2
     11 obs. associated
-----------------------------------
*  FEB  11, 1992  03h 43m 40.16± 0.57s
   8.535 N ±11.4km  126.545 E ±13.3km
   DEPTH =  33.0km  (normal)
   4.4mb (  8 obs.)
 MINDANAO, PHILIPPINE ISLANDS    (259)

SSE     23.00 348 P     48 44.20   1.1
         1.0s     9.00nm          4.2mb
CHTO    28.66 294 eP    49 36.60   0.4
WB2     29.32 165 eP    49 41.70  -0.5
         0.8s     2.60nm          4.0mb
MRWA    38.89 195 eP    51 03.70  -0.7
GUN     42.90 302 P     51 38.20   0.3
         0.5s    15.00nm          5.0mb
PKI     43.1B 301 P     51 40.20  -0.1
KKN     43.36 302 P     51 42.40   0.8
DMN     43.45 301 P     51 43.20   0.9
GKN     43.97 302 P     51 45.00  -1.4
IMA     78.10  24 eP    55 38.10   0.8
         0.7s     3.00nm          4.4mb
PMR     79.85  29 eP    55 46.80   0.1
FBA     80.49  26 eP    55 50.30   0.2
INK     85.79  22 eP    56 17.00  -0.2
MBC     87.33  13 eP    56 25.00   0.4
NB2     94.43 334 P     56 55.40  -2.6
         0.9s     2.90nm          4.7mb
YKA     95.22  24 eP    57 00.40  -1.2
         0.7s     0.80nm          4.3mb
GEC2    98.22 322 PKP   57 14.60  -0.9
         0.6s     0.45nm          4.2mb
SPA     98.48 180 iPd   57 18.90   2.6
         0.9s     7.73nm          5.2mb
     S.D. = 1.2  on  18 of  18 obs.
-----------------------------------
?  FEB  11, 1992  03h 46m 44.37± 1.43s
   32.177 S ±11.5km  177.225 W ±26.4km
   DEPTH =  75.6km  (  2 depth phases)
   4.8mb (  3 obs.)
 SOUTH OF KERMADEC ISLANDS       (179)

URZ      7.64 216 eP    48 36.70   1.7
                  eS    50 10.10
MOZ      9.07 224 eP    48 58.90   4.2X
MNG     10.27 213 eP    49 09.80  -1.2
                  eS    51 10.90
MTW     10.69 211 eP    49 16.90   0.1
KIW     10.73 214 eP    49 16.30  -0.9
MRW     11.11 213 eP    49 22.40   0.0
                  eS    51 29.60
WEL     11.13 213 P     49 32.00   9.5X
                  S     51 30.00
TCW     11.30 215 eP    49 23.20  -1.7
THZ     12.39 217 eP    49 40.90   1.4
                  eS    52 01.90
KHZ     12.58 213 eP    49 41.40  -0.4
                  eS    52 03.30
LTZ     13.47 215 eP    49 54.60   1.1
ASPA    43.70 268 iPc   54 44.20   0.5
         1.6s     7.40nm          4.3mb
                  i     55 02.30  73km
WB2     44.84 274 iPc   54 52.30  -0.6
         0.5s     9.70nm          4.9mb
                  epP   55 11.40  78km
WRA     44.85 274 P     54 52.70  -0.2
         0.3s     6.30nm          4.9mb
KAF    146.44 340 ePKP  06 15.10  -0.9
NUR    148.20 340 ePKP  06 20.00   1.1
APO    150.69 349 ePKP  06 25.30   2.6X
         0.5s     2.10nm
     S.D. = 1.1  on  14 of  17 obs.
```

```
-----------------------------------------
?  FEB  11, 1992  04h 28m 38.68± 4.13s
   38.306 N ±21.0km   30.399 E ±30.9km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                                (366)

KHL      0.69 272 iPg    28 52.30  -0.1
ALT      0.78 343 iPg    28 51.20  -2.8
DST      1.90 314 iPn    29 11.70   0.3
CIN      1.96 250 eP     29 11.00  -1.3
IZI      2.15 341 iPn    29 16.70   1.5
YLV      2.39 341 ePn    29 18.70   0.1
IZM      2.47 273 ePn    29 21.00   1.4
KCT      2.51 321 ePn    29 19.80  -0.3
HRT      2.58 348 ePn    29 22.00   0.9
BNT      2.81 318 ePn    29 25.00   0.5
EDC      2.83 317 ePn    29 25.00   0.2
EZN      3.52 297 ePn    29 34.00  -0.4
     S.D. = 1.3  on  12 of  12 obs.
-----------------------------------------
%  FEB  11, 1992  04h 31m 39.09± 3.20s
   38.567 N ±16.1km   30.126 E ±28.7km
   DEPTH =   5.0km  (geophysicist)
 TURKEY                                (366)

ALT      0.49 359 iPg    31 47.20  -1.7
KHL      0.53 243 iPg    31 48.30  -1.5
DST      1.56 312 iPn    32 08.20   0.6
IZI      1.84 344 iPn    32 12.70   1.1
CIN      1.88 240 eP     32 13.00   0.9
YLV      2.08 344 iPn    32 15.20   0.1
KCT      2.17 321 ePn    32 16.80   0.4
HRT      2.28 351 ePn    32 1B.00   0.0
BNT      2.47 317 ePn    32 20.70   0.0
     S.D. = 1.1  on   9 of   9 obs.
-----------------------------------------
%  FEB  11, 1992  04h 46m 09.85± 1.28s
   33.183 S ± 8.9km   71.429 W ±11.5km
   DEPTH =  33.0km  (normol)
 NEAR COAST OF CENTRAL CHILE           (135)
      MD 3.5 (SAN).

LCCH     0.31 202 iPd    46 18.30   0.5
                  iS     46 24.80
ROCH     0.41  59 iPc    46 19.70   0.4
                  iS     46 27.50
TACH     0.62 139 iPc    46 22.30   0.1
                  eS     46 32.00
PEL      0.62  87 iPd    46 22.90   0.6
                  iS     46 32.00
SAN      0.70 113 eP     46 23.00  -0.3
                  iS     46 33.80
LNV      0.77 179 iPd    46 23.50  -0.7
                  iS     46 34.50
JACH     0.86  55 iPd    46 25.00  -0.7
PCH      0.88 120 iPd    46 25.60  -0.4
                  iS     46 38.30
CHCH     0.99 139 iPc    46 28.00   0.5
                  iS     46 41.50
     S.D. = 0.6  on   9 of   9 obs.
-----------------------------------------
?  FEB  11, 1992  05h 01m 19.49± 9.31s
   39.485 N ±70.9km   28.752 E ± 9.1km
   DEPTH =   5.0km  (geophysicist)
 TURKEY                                (366)

DST      0.15 322 iPg    01 22.70   0.0
KCT      0.82 338 iPg    01 35.70  -0.2
                  eSg    01 50.70
IZI      1.02  33 iPn    01 40.20   1.0
BNT      1.08 324 ePn    01 40.60   0.3
YLV      1.18  24 iPn    01 41.60  -0.4
HRT      1.51  27 ePn    01 46.60  -0.6
     S.D. = 0.8  on   6 of   6 obs.
-----------------------------------------
*  FEB  11, 1992  05h 59m 53.31± 1.29s
    6.501 N ± 7.2km  126.937 E ±13.8km
   DEPTH = 107.1 ± 10.5 km
   4.9mb ( 12 obs.)
 MINDANAO, PHILIPPINE ISLANDS          (259)

DAV      1.47 293 iP+    00 20.00   0.0
TPI     21.34 245 ePd    04 56.50  23.2X
                  e      06 20.00
KNA     22.18 175 eP     04 42.50   0.9
WB2     27.27 165 iPc    05 28.90  -0.7
        0.4s     6.50nm          4.6mb
ASPA    30.74 167 iPd    05 59.40  -1.2
        0.6s     3.90nm          4.3mb
                  i      06 26.50
BJI     34.76 345 eP     06 35.00  -0.2
        1.0s     7.00nm          4.5mb
LZH     36.26 328 Pc     06 49.20   1.1
        1.5s    48.00nm          5.2mb
                  i      06 56.00
                  pP     07 06.50  70kmX
                  sP     07 12.50
MRWA    37.04 196 eP     06 54.40  -0.1
        0.4s     4.00nm          4.7mb
FORR    37.15 178 iPd    06 51.00  -4.4X
        0.2s     5.00nm          5.1mb
BAL     38.18 194 iPc    07 04.00  -0.1
        0.4s    15.00nm          5.2mb
MUN     39.61 194 eP     07 17.40   1.5
GUN     44.32 304 P      07 55.20   0.3
PKI     44.59 303 P      07 56.60  -0.5
        0.8s    23.00nm          5.0mb
KKN     44.77 303 P      07 58.00  -0.4
        0.9s     0.39nm          3.2mb X
DMN     44.86 303 P      07 59.00  -0.1
        0.9s    44.00nm          5.3mb
GKN     45.38 303 P      08 02.80  -0.3
        0.8s    21.00nm          5.0mb
OUE     60.88 301 eP     09 57.00  -0.4
MAIO    68.02 306 eP     10 43.00  -0.5
OBN     84.91 325 eP     12 18.00   0.7
        1.0s    35.00nm          5.2mb
INK     87.53  22 eP     12 30.00   0.1
YKA     96.91  24 eP     13 13.60   0.2
        0.8s     0.60nm          4.2mb
     S.D. = 0.7  on  19 of  21 obs.
-----------------------------------------
?  FEB  11, 1992  06h 22m 09.28± 6.83s
   18.497 N ±31.6km   66.404 W ± 9.8km
   DEPTH =  92.2 ± 59.5 km
 PUERTO RICO REGION                    ( 90)

APR      0.31 262 P      22 23.10  -0.1
CLLP     0.45 202 P      22 24.30   0.3
                  S      22 34.60
SJG      0.45 148 iP     22 24.00  -0 1
                  S      22 35.00
PORP     0.49 207 P      22 24.20  -0.2
                  S      22 35.70
LPR      0.54 110 P      22 24.90   0.1
MEP      0.65 238 P      22 25.90   0.2
                  S      22 36.14
CPD      0.65 134 P      22 25.80   0.0
                  S      22 37.13
MGP      0.81 233 P      22 27.20  -0.1
                  S      22 40.20
     S.D. = 0.2  on   8 of   8 obs.
-----------------------------------------
*  FEB  11, 1992  06h 22m 33.35± 0.98s
   31.451 S ±10.3km   68.782 W ±14.3km
   DEPTH = 110.2 ± 12.1 km
 SAN JUAN PROVINCE, ARGENTINA          (137)
      MD 4.4 (SAN).

RTCB     0.04 203 iPd    22 48.50  -0.6
CFA      0.49 109 iPc    22 50.00  -0.4
RTBS     0.61 250 eP     22 51.80   0.6
MDZ      1.43 182 iPd    23 00.50   0.7
                  eS     23 18.70
JACH     1.97 231 iPd    23 07.40   0.9
                  eS     23 33.70
PEL      2.33 223 iPd    23 11.70   0.5
                  iS     23 40.50
ROCH     2.42 231 iPc    23 12.10  -0.5
                  iS     23 42.00
SAN      2.55 218 eP     23 14.90   0.8
                  iS     23 45.50
PCH      2.61 214 iPd    23 15.60   0.6
                  iS     23 46.50
TACH     2.85 219 iPc    23 17.60  -0.5
                  iS     23 53.00
CHCH     2.94 212 iPc    23 19.50   0.2
                  iS     23 56.50
LCCH     3.10 229 iPc    23 21.00  -0.5
LNV      3.34 221 iPc    23 22.50  -2.1
ZOBO    15.11   2 P      26 03.00   0.3
     S.D. = 0.9  on  14 of  14 obs.
-----------------------------------------
%  FEB  11, 1992  06h 38m 06.34± 0.51s
   46.188 N ± 5.4km    2.690 E ± 4.6km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                                (538)
      ML 2.1 (LDG).

MAF      0.09 291 Pg     38 09.60   0.6
                  Sg     38 12.00
TCF      0.35 287 Pg     38 13.80   0.3
                  Sg     38 18.50
BGF      0.39  16 Pg     38 14.50   0.3
                  Sg     38 20.00
AVF      0.76  37 Pg     38 20.80  -0.3
                  Sg     38 30.70
LSF      0.81 275 Pg     38 20.90  -1.1
                  Sg     38 32.20
SMF      0.92  60 Pg     38 23.80  -0.1
                  Sg     38 35.50
SSF      1.04  32 Pg     38 26.00   0.0
                  Sg     38 39.70
LBF      1.19  48 Pg     38 28.80   0.2
                  Sg     38 44.20
RJF      1.21 223 Pg     38 29.10   0.3
                  Sg     38 44.50
CAF      1.34 199 Pg     38 31.00   0.0
                  Sg     38 47.80
LOR      1.35  36 Pg     38 31.00  -0.1
                  Sg     38 48.70
     S.D. = 0.5  on  11 of  11 obs.
-----------------------------------------
?  FEB  11, 1992  06h 44m 19.31± 5.19s
   14.244 N ±27.2km   90.639 W ±36.5km
   DEPTH =  72.5 ± 34.1 km
   4.2mb (  5 obs.)
 GUATEMALA                             ( 70)

TPX      1.70 293 iP     44 47.00  -0.5
                  iS     45 07.50
OXX      6.50 296 eP     45 54.00  -0.7
IISM     8.00 307 eP     46 16.00   0.9
IIT      8.75 304 eP     46 27.00   1.3
PPM      9.03 303 eP     46 30.00   0.2
III      9.42 297 eP     46 34.00  -0.8
MRX     11.46 300 eP     47 02.00  -0.2
TUL     22.07 349 eP     49 10.60   1.1
        0.4s     2.60nm          4.0mb
LNO     22.07 349 eP     49 10.40   1.0
ANMO    25.07 328 eP     49 39.60   0.9
TNP     33.44 320 P      50 53.00  -0.6
        1.0s     4.25nm          4.3mb
FFC     41.35 350 eP     51 59.00  -0.5
        0.7s     4.00nm          4.3mb
PNT     42.27 332 eP     52 08.00   0.9
        0.5s     4.00nm          4.5mb
YKA     51.10 346 eP     53 14.40  -1.9
        0.8s     0.80nm          3.8mb
INK     60.58 343 ePc    54 21.80  -2.5
WRA    136.73 256 PKP    03 37.50   1.5
        0.6s     0.60nm
     S.D. = 1.3  on  16 of  16 obs.
-----------------------------------------
?  FEB  11, 1992  07h 18m 33.14± 3.22s
   37.111 S ±66.5km   95.946 W ±19.9km
   DEPTH =  10.0km  (geophysicist)
   4.8mb (  5 obs.)
 SOUTHERN PACIFIC OCEAN                (692)

ARE     29.84  53 eP     24 43.00  -0.1
LPB     32.02  58 P      25 02.00  -0.5
                  LR     34 08.00
ZOBO    32.17  57 iPc    25 04.00   0.0
        1.0s    22.50nm          5.1mb
                  S      30 12.00
                  LR     34 08.00
PPD     41.25  81 eP     26 20.20   0.2
ANMO    72.35 351 P      30 00.00  -1.1
        1.4s     9.30nm          4.7mb
ACO     73.50 357 e(P)   30 09.30   1.8
FVM     74.90   5 P      30 17.00   1.4
TNP     77.36 343 P      30 28.10  -1.7
DUG     78.48 347 P      30 37.00   1.2
BW06    80.47 350 P      30 45.30  -1.4
        1.0s     4.50nm          4.4mb
RSSD    81.19 354 P      30 49.50  -0.8
        1.0s     5.97nm          4.6mb
NEW     87.07 346 P      31 20.80   1.0
        1.8s    47.37nm          5.4mb
     S.D. = 1.3  on  12 of  12 obs.
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%  FEB  11, 1992  07h 34m 02.49± 0.70s
   40.493 N ± 5.9km   23.662 E ± 6.6km
   DEPTH =  10.0km  (geophysicist)
 GREECE                            (364)
      MD 2.1 (THE).

OUR      0.29 123 ePg    34 08.98   0.4
                  eSg    34 12.91
SOH      0.40 325 ePg    34 10.67  -0.1
                  eSg    34 16.38
THE      0.55 285 ePg    34 12.72  -0.9
                  eSg    34 19.83
PAIG     0.57 179 ePg    34 13.30  -0.6
                  eSg    34 20.88
SRS      0.63 355 ePg    34 14.74  -0.3
                  eSg    34 24.24
KNT      0.88 319 ePg    34 19.35  -0.1
                  eSg    34 30.91
LIT      0.98 247 ePg    34 21.51   0.4
                  eSg    34 34.35
GRG      1.06 296 ePg    34 23.80   1.2
                  eSg    34 37.56
      S.D. = 0.8  on   8 of   8 obs.
-----------------------------------
   FEB  11, 1992  07h 34m 53.19± 0.51s
    9.731 S ± 7.8km  118.444 E ± 6.2km
   DEPTH =  33.0km  (normal)
   4.3mb (  3 obs.)
 SUMBAWA REGION, INDONESIA         (285)

KEDI     2.89 306 iPc    35 35.60  -2.4
RATI     3.04 289 eP     35 40.60   0.4
                  eS     36 14.80
KHKI     3.11 296 ePc    35 42.00   0.9
                  e(S)   36 20.90
                  e      41 50.40
THRI     3.17 295 eP     35 43.30   1.3
INGI     3.38 285 eP     35 44.80  -0.2
JEHI     3.59 297 eP     35 48.20   0.3
RANI     3.68 290 eP     35 50.40   1.2
KELI     4.19 291 eP     35 56.40   0.0
SRDI     4.43 286 iPc    35 59.40  -0.5
NINI     5.43  14 eP     36 14.90   0.7
BUNI     6.32  17 eP     36 27.60   1.1
TANI     6.32   9 eP     36 26.20  -0.4
MBL     11.44 173 eP     37 36.00  -1.4
        0.3s     16.00nm          5.8mb X
                  eS     39 31.00
KNA     11.71 122 eP     37 39.50  -1.5
MTN     12.82 105 eP     37 54.50  -1.4
                  iS     40 09.00
PASI    13.08 282 eP     37 58.00  -1.3
WARB    18.11 156 eP     39 05.00   1.0
        0.3s      4.00nm          4.0mb
WB2     18.41 125 iPd    39 07.80   0.1
        0.5s     10.70nm          4.3mb
                  iS     42 27.70
MRWA    19.52 186 eP     39 25.60   4.7X
                  eS     42 43.00
ASPA    20.25 135 iPd    39 29.90   1.2
        1.0s     27.70nm          4.6mb
      Z  21s      0.20um          3.4Msz
                  i      39 40.60
                  eS     43 11.70
BAL     20.83 184 eP     39 42.00   7.4X
                  eS     43 15.00
MUN     22.23 185 eP     40 02.00  13.3X
                  eS     43 48.00
RMO     33.15 124 eP     41 31.00   2.1
BJI     49.56 358 eP     43 40.00  -2.9
MAIO    71.83 313 eP     46 23.00   8.0X
YKA    115.08  24 ePKP   53 34.00   1.7
        0.5s      0.30nm
ZOBO   153.34 166 PKP    54 53.00   9.6X
      S.D. = 1.4  on  22 of  27 obs.
-----------------------------------
&  FEB  11, 1992  08h 11m 44.12s
   32.871 N          116.038 W
   DEPTH =   2.9km
 CALIF.-BAJA CALIF. BORDER REGION( 45)
      <PAS-P>. ML 2.9 (PAS).

PLM      0.84 305 P      12 00.12  -0.8
                  S      12 11.52
GLA      1.03  80 P      12 01.43  -2.9
PEC      1.39 318 P      12 09.20  -1.2
                  S      12 26.86
SSK      1.92 314 P      12 18.50   0.3
                  S      12 42.80
        4 obs. associoted
-----------------------------------
%  FEB  11, 1992  08h 53m 08.28± 0.81s
   39.094 N ± 6.7km   27.602 E ± 8.4km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                            (366)

IZM      0.74 201 iPg    53 23.00   0.1
                  eSg    53 36.50
DST      0.95  57 iPn    53 26.00  -0.3
EZN      1.23 307 ePn    53 30.90  -0.2
EDC      1.27   9 ePn    53 32.00   0.2
BNT      1.28  11 ePn    53 32.10   0.0
KCT      1.29  27 iPn    53 32.50   0.3
      S.D. = 0.3  on   6 of   6 obs.
-----------------------------------
%  FEB  11, 1992  09h 46m 28.52± 1.29s
   38.990 N ± 7.6km   26.701 E ±11.6km
   DEPTH =  10.0km  (geophysicist)
 AEGEAN SEA                        (365)

IZM      0.74 143 iPg    46 43.00   0.0
EZN      0.88 341 ePg    46 45.40  -0.1
                  eSg    46 57.40
DST      1.62  67 iPn    46 57.60   0.4
EDC      1.63  33 ePn    46 58.00   0.7
BNT      1.66  34 iPn    46 57.50  -0.2
KCT      1.79  45 iPn    46 59.50  -0.2
IZI      2.53  57 ePn    47 10.00  -0.3
YLV      2.59  52 ePn    47 11.00  -0.3
      S.D. = 0.4  on   8 of   8 obs.
-----------------------------------
*  FEB  11, 1992  09h 59m 02.95± 1.02s
   38.408 N ± 6.8km   27.258 E ±12.7km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                            (366)

IZM      0.01 159 iPg    59 04.50  -0.4
CIN      1.04 141 ePg    59 24.00   1.5
                  iSg    59 41.00
EZN      1.59 333 ePn    59 32.00   0.8
DST      1.60  41 ePn    59 32.00   0.6
KHL      1.78  92 ePn    59 34.00  -0.1
BNT      2.01  15 ePn    59 38.00   0.7
KCT      2.03  25 ePn    59 37.50   0.0
      S.D. = 0.8  on   7 of   7 obs.
-----------------------------------
   FEB  11, 1992  10h 15m 28.10± 0.41s
   36.567 N ± 9.0km   71.594 E ± 7.7km
   DEPTH =  33.0km  (normal)
   4.4mb (  5 obs.)
 AFGHANISTAN-TAJIKISTAN BORD REG.(717)
      Felt (II) at Khorog, Tajikistan.

QUE      7.45 213 eP     17 18.00   0.6
                  eS     18 36.10
NDI      9.18 147 eP     17 43.00   1.8
        0.4s     46.61nm          6.0mb X
                  eS     19 18.80
MAIO     9.75 272 eP     17 47.00  -2.3
                  eS     19 25.00
GKN     13.94 124 P      18 46.00   0.4
KKN     14.51 123 P      18 52.80  -0.4
DMN     14.51 124 P      18 53.20   0.0
PKI     14.74 124 P      18 56.00  -0.3
GUN     14.84 122 P      18 57.40  -0.2
HYB     20.04 160 ePd    20 00.00  -1.3
CHTO    29.83 119 (P)    21 33.60  -0.9
VRI     34.61 300 eP     22 18.00   2.0
                  e      39 36.00
MLR     35.17 299 eP     22 23.00   2.1
                  e      39 38.00
KAF     37.83 327 eP     22 42.80  -0.1
NUR     38.05 324 eP     22 44.50  -0.3
BRG     42.96 308 i(P)   23 25.50   0.1
        1.0s     16.00nm          4.7mb
HFS     43.31 322 eP     23 27.70  -0.4
        0.4s      4.20nm          4.5mb
CLL     43.52 309 e(P)   23 29.00  -1.0
NB2     44.61 323 P      23 38.00  -0.8
        0.7s      8.60nm          4.7mb
GRF     44.80 307 eP     23 41.30   0.9
INK     73.76   9 P      27 00.50   0.2
        0.4s      0.80nm          4.1mb
WRA     81.62 122 P      27 44.30  -0.1
        0.6s      0.40nm          3.6mb
      S.D. = 1.1  on  21 of  21 obs.
-----------------------------------
&  FEB  11, 1992  10h 25m 09.20s
   56.378 N          120.723 W
   DEPTH =   5.0km  (geophysicist)
 BRITISH COLUMBIA, CANADA          ( 23)
      <PGC-P>. ML 3.7 (PGC).

BDBC     0.89 257 Pg     25 25.70  -1.1
                  Sg     25 41.00
FSB      2.80 229 Pn     25 54.00  -1.6
                  Pg     26 00.90
                  Sg     26 36.00
MUB      3.74 316 Pn     26 07.90  -1.0
                  Sg     27 07.20
MNB      4.41 161 Pn     26 17.20  -1.3
                  Sn     27 07.70
                  Sg     27 26.00
PNT      7.11 174 P      26 54.00  -2.4
        0.6s      7.00nm          5.0mb
SES      8.33 132 P      27 10.00  -3.4
        0.4s      4.00nm          5.1mb
FFC     10.75  91 eP     27 42.00  -4.7
        0.6s      6.00nm          5.2mb
        7 obs. associoted
-----------------------------------
   FEB  11, 1992  10h 25m 40.79± 0.16s
    9.239 S ± 3.9km  124.827 E ± 4.1km
   DEPTH =  26.9km  ( 10 depth phases)
   5.7mb ( 47 obs.)  5.2Msz ( 21 abs.)
 TIMOR REGION, INDONESIA           (289)
      Felt at Kupong.
      CENTROID, MOMENT TENSOR      (HRV)
      Data Used: GDSN
      L.P.B.: 28S, 62C
      Centroid Locotion:
      Origin Time        10:25:45.8 0.4
      Lat  9.64S 0.04 Lon 125.24E 0.04
      Dep  19.0 BDY Half-duration  2.7
      Moment Tensor;    Scale 10**17 Nm
        Mrr= 2.76 0.11  Mtt=-2.79 0.11
        Mff= 0.03 0.17  Mrt= 2.87 0.34
        Mrf= 0.90 0.24  Mtf=-1.65 0.11
      Principal Axes:
        T  Val=  3.99  Plg=67  Azm=352
        N        0.76       5      249
        P       -4.74      22      157
      Best Double Couple:Mo=4.4*10**17
       NP1:Strike=237 Dip=24 Slip=  76
       NP2:        71     67       96

KUG      1.51 233 iP     26 08.00   1.7
NINI     6.95 313 iPc    27 30.70   7.1X
MTN      7.15 121 iPc    27 21.10  -5.2X
KNA      7.53 150 eP     27 23.40  -8.2X
TANI     7.90 316 iPd    27 42.80   5.9X
KEDI     8.73 277 eP     27 44.70  -3.8X
KHKI     9.15 275 ePd    27 52.20  -2.0
                  eS     29 30.30
                  e      35 52.00
PCI      9.65 329 ePd    28 09.00   7.9X
                  eS     28 39.50
                  e      32 57.50
SWI     10.50  38 ePd    28 11.00  -1.7
SRDI    10.59 273 iPd    28 10.00  -3.9X
MBL     12.79 202 eP     28 35.00  -8.7X
                  eS     30 49.00
WRA     14.06 140 P      28 50.20 -10.3X
WB2     14.07 140 eP     28 49.50 -11.1X
        0.5s    377.10nm
                  iS     31 15.40
TSM     15.12 332 ePc    29 20.50   6.1X
DAV     16.24   3 eP-    29 32.00   3.2X
ASPA    16.77 150 iPd    29 25.50 -10.0X
        0.7s    782.20nm          5.9mb
      Z  18s     46.40um          4.1Msz
                  eS     32 20.30
MENI    16.88  68 eP     29 36.00  -0.9
WARB    16.94 174 eP     29 28.30  -9.4X
                  eS     32 24.00
KKM     17.44 330 ePc    29 48.00   4.0X
        2.0s   1867.00nm          5.9mb
PACI    17.94 277 ePd    29 47.60  -2.6
TPI     18.24 290 ePd    29 51.70  -2.2
                  e      37 00.00
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11d 10h

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PASI   19.22 276 eP    30 01.80  -4.0X
PENI   19.83 279 eP    30 10.00  -2.6
MDG    21 16  81 eP    30 25.60  -0.7
MRWA   21.53 201 eP    30 24.50  -5.6X
                eS     34 14.00
FORR   21.72 172 eP    30 24.80  -7.1X
                i      30 28.00  12kmX
                iS     34 15.00
COOL   21.81 189 eP    30 27.00  -5.8X
                e      30 39.00  49kmX
                eS     34 16.00
PMG    22.03  92 eP    30 36.00   0.9
       1.2s   718.75nm          6.0mb
BAL    22.57 198 iPc   30 36.00  -4.4X
                iS     34 28.00
KSI    22.78 283 ePd   30 39.00  -3.5X
                e      34 00.00
KLB    23.19 195 eP    30 42.50  -3.9X
                e      30 55.50  53kmX
                iS     34 51.50
MUN    24.00 198 iPc   30 50.B0  -3.5X
                e      31 07.00  70kmX
                iS     35 10.60
QCP    24.01 351 eP    31 02.00   7.6X
KGM    24.17 297 ePd   30 57.50   1.4
                e      31 0B.80  44kmX
OLP    25.21 136 eP    31 04.00  -1.9
       0.9s   431.00nm          6.1mb
                i      31 14.00  37km
                i      35 3B.70
BAG    25.83 351 ePc+  31 11.00  -1.0
                eS     35 44.00
RKG    26.21 195 eP    31 12.40  -2.8
       0.4s    49.00nm          5.5mb
                eS     36 02.00
STK    27.38 148 iPd   31 39.70  13.8X
       0.6s    29.30nm
                eS     36 40.70
IPM    27.41 299 ePd   31 25.20  -1.2
       0.6s    25.10nm          5.1mb
RAB    27.60  81 eP    31 30.00   1.8
RMO    28.42 130 eP    31 33.00  -2.5
       0.2s     8.00nm          5.1mb
                e      32 06.00 158kmX
                iS     36 59.00
ADE    28.59 156 iPc-  31 34.50  -2.4
       0.9s   201.68nm          5.8mb
AEKI   28.59 292 iPd   31 33.40  -3.8X
SIBI   29.02 294 eP    31 39.60  -1.6
CMS    29.51 142 eP    31 42.00  -3.2X
       0.9s    28.00nm          5.0mb
                i      32 20.20 186kmX
                i      37 18.20
GUA    30.16  42 eP    31 49.80  -1.3
       0.7s    82.19nm          5.7mb
GUMO   30.17  42 eP    31 49.70  -1.5
       1.0s   182.20nm          5.9mb
     Z 29s      2.12um          4.6MszX
PJG    30.17  42 eP    31 50.70  -0.5
QIZ    31.74 332 eP    32 04.00  -1.0
     N 16s      2.12um
     E 15s      1.94um
BFD    32.10 153 eP    32 09.80   1.8
       0.9s   123.00nm          5.8mb
                e      38 16.50
HKC    33.04 342 iP    32 17.20   1.0
BWA    33.11 143 eP    32 17.00   0.1
                e      32 23.70  23km
GZH    34.04 341 iP    32 23.50  -1.4
       1.0s   110.00nm          5.7mb
     Z 22s      2.59um          4.9Msz
     E 15s      1.97um
CAN    34.07 143 eP    32 24.10  -1.1
                i      32 30.70  22km
CNB    34.29 143 iPc   32 26.20  -0.9
       0.6s     2.40nm          4.3mb X
OZH    34.51 350 eP    32 28.00  -1.0
     Z 15s      3.19um          5.2MszX
HNR    34.65  93 eP    32 30.00  -0.3
KHT    35.30 312 eP    32 36.00   0.1
CHTO   37.80 318 ePc   32 56.70  -0.2
GYA    39.63 334 iPc   33 12.60   0.4
       1.2s    95.00nm          5.4mb
     Z 24s      3.43um          5.1MszX
     N 16s      2.48um
     E 16s      1.53um
SSE    40.25 355 Pc    33 17.00  -0.1
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       1 5s   140.00nm          5.5mb
     Z 20s      2 60um          5.1Msz
     N 18s      4.90um
                sP     33 25.50
                PP     34 54.00
                S      39 16.00
KMI    40.37 328 Pc    33 20.00   1.5
       2.0s   230.00nm          5.6mb
     Z 18s      4.40um          5.4Msz
     N 14s      2.00um
     E 14s      1.20um
                pP     33 28.50  29km
                PP     34 55.00
                S      39 16.00
WHN    40.B1 346 Pc    33 22.50   0.8
       1.2s   180.00nm          5.7mb
     Z 20s      2.50um          5.1Msz
     N 16s      2.33um
     E 18s      2.41um
                pP     33 31.00  29km
                PP     35 04.00
NJ2    41.45 352 Pc    33 27.20   0.3
       1.6s   240.00nm          5.7mb
     N 13s      0.31um
     E 13s      0.30um
DZM    41.91 113 iPd   33 30.50  -0.6
SHNJ   43.53   8 P     33 43.90   0.0
TKSJ   43.87  11 P     33 47.10   0.5
WKYJ   44.41  13 P     33 51.80   0.7
CD2    44.75 334 P     33 53.80  -0.1
       1.0s   100.00nm          5.7mb
     Z 22s      2.79um          5.1Msz
     E 14s      1.69um
                sP     34 07.00
                PP     35 36.00
                S      40 27.00
                sS     40 43.00
YONJ   44.93  10 P     33 56.30   1.0
XAN    45.61 341 P     34 00.00  -0.7
       0.7s    75.00nm          5.7mb
     N 15s      1.25um
                pP     34 09.50  32km
                S      40 40.50
TSRJ   45.76  13 P     34 03.00   1.2
TIA    45.78 351 Pc    34 01.30  -0.7
       1.8s    54.00nm          5.2mb
     Z 22s      1.90um          5.0Msz
     N 19s      1.90um
     E 19s      1.60um
CHJJ   46.98  16 P     34 10.50  -1.0
SHL    47.17 318 iP    34 12.00  -1.3
       0.6s    40.00nm          5.6mb
                eS     41 02.00
MTMJ   47.18  14 P     34 13.00  -0.2
MAT    47.24  15 iPc+  34 12.50  -1.1
       0.8s    21.64nm          5.2mb
     Z 20s      2.13um          5.1Msz
                eS     41 07.00
KAKJ   47.45  17 P     34 14.80  -0.4
DL2    47.99 357 eP    34 19.00  -0.3
       1.4s   340.00nm          6.2mb
     Z 20s      1.22um          4.9Msz
     N 15s      1.07um
NIIJ   48.11  15 P     34 20.90   0.6
TIY    48.12 347 Pd    34 19.90  -0.6
     Z 16s      2.15um          5.2MszX
     N 17s      1.98um
                PP     36 12.00
                S      41 15.00
LZH    49.23 337 iPc   34 29.50   0.4
       1.6s   520.00nm          6.3mb
     Z 22s      2.72um          5.2Msz
     N 15s      1.38um
                pP     34 37.50  27km
                PcP    35 52.50
                PP     36 20.00
                ScP    39 46.00
                PcS    39 47.50
                eS     41 30.00
                ScS    44 20.00
YAMJ   49.26  16 P     34 29.60   0.4
BJI    49.68 351 eP    34 31.50  -0.8
       1.5s   200.00nm          5.9mb
     Z 20s      2.10um          5.1Msz
     N 16s      1.40um
                ePP    36 27.00
LSA    50.49 321 P     34 39.80   0.5
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       2.0s   670.00nm          6.3mb
                eS     41 50.00
OFUJ   50.56  17 eP    34 40.70   1.6
SNY    50.83 359 Pc    34 39.00  -2.0
       1.4s   120.00nm          5.7mb
     Z 27s      3.53um          5.2MszX
     N 18s      2.03um
                PP     36 41.00
                S      41 52.00
MSZ    51.23 141 eP    34 43.60  -0.6
HHC    51.32 347 P     34 43.60  -1.4
       1.1s    51.00nm          5.4mb
     Z 22s      2.33um          5.2Msz
     N 14s      0.65um
     E 15s      1.30um
                PP     36 42.00
                S      42 05.50
BTO    51.44 346 P     34 44.50  -1.4
     N 16s      1.83um
     E 15s      1.33um
                PP     36 44.00
EWZ    52.55 139 eP    34 53.90  -0.2
GUN    52.76 316 P     34 55.20  -1.2
CN2    52.79   1 Pc    34 54.00  -1.8
       0.8s    26.00nm          5.2mb
     Z 28s      2.45um          5.1MszX
     N 12s      0.26um
     E 12s      0.31um
                epP    35 02.00  26km
                ePcP   36 07.50
                ScP    40 01.00
HYB    52.84 300 ePc   34 53.50  -3.2X
       1.0s    60.00nm          5.5mb
PKI    52.87 315 P     34 55.60  -1.6
KKN    53.10 315 P     34 57.20  -1.5
DMN    53.11 315 P     34 57.20  -1.6
THZ    53.1B 136 eP    34 57.90  -1.1
MRRJ   53.52  15 eP    35 01.60   0.4
GKN    53.68 315 P     35 02.00  -0.9
GTA    53.69 336 iPc   35 02.20  -0.5
       1.2s   230.00nm          6.1mb
     Z 20s      2.01um          5.2Msz
     E 13s      1.50um
                pP     35 09.20  23km
                sP     35 12.20
MDJ    53.77   4 eP    35 02.00  -1.0
       1.6s   700.00nm          6.4mb
     Z 26s      1.5Bum          5.0MszX
                sP     35 16.00
                S      42 34.00
KHZ    53.88 136 eP    35 02.40  -1.5
HOOJ   54.08  17 eP    35 06.40   1.1
WEL    54.29 135 P     35 04.20  -2.8
MNG    54.56 134 eP    35 06.60  -2.4
KUSJ   55.15  18 eP    35 14.10   0.9
ASAJ   55.51  16 eP    35 15.60  -0.2
HBZ    55.70 129 eP    35 15.80  -1.5
POO    57.36 299 eP    35 23.50  -6.0X
                eS     43 06.00
DRV    58.28 173 eP    35 30.00  -5.1X
                PP     37 46.00
                S      43 39.00
                SS     47 15.00
                SSS    49 57.00
BOM    58.40 299 eP    35 31.80  -4.9X
                eS     42 48.60
NDI    59.43 311 iP    35 40.20  -3.5X
       0.7s    13.70nm          5.2mb
                eS     43 43.00
WMO    62.64 331 Pc    36 04.50  -0.8
       1.5s   110.00nm          5.8mb
     Z 13s      2.24um          5.5MszX
                sP     36 19.50
IRK    63.75 346 ePc   36 11.60  -0.8
       1.6s   214.00nm          6.0mb
     Z 20s      1.18um          5.1Msz
     N 18s      0.74um
                e      36 23.00  38kmX
                e      44 55.00
                e      49 32.00
                LR     01 50.00
KSH    66.30 320 Pc    36 30.00   0.7
     N 12s      1.30um
     E 10s      1.30um
                S      45 18.00
QUE    67.99 308 eP    36 38.50  -1.8
       0.8s    89.55nm          5.9mb
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			eS	45	32.40	
MAW	71.02	201	P	36	57.90	0.0
YAK	71.14	2	iPc	36	58.50	-0.1
	2.1s	180.00nm				5.8mb
			ePcP	37	20.00	
			epP	37	26.00	108kmX
			ePP	39	32.00	
			ePPP	41	17.00	
			eS	46	07.00	
			eSKS	46	42.00	
			eScS	46	48.00	
CRZF	71.63	224	eP	37	15.00	13.1X
			ePPP	41	48.00	
			eS	46	28.00	
			eSP	47	43.00	
			eSS	51	06.00	
			eSSS	53	51.00	
SHI	79.47	302	eP	37	46.00	-1.1
SPA	80.82	180	iPc	37	53.30	-0.2
	0.6s	81.30nm				5.9mb
	Z 17s	2.82um				5.7MszX
			i	48	38.00	
KER	85.18	306	iPc	38	16.30	-0.1
BHD	87.12	304	iPd	38	26.00	0.2
			epP	38	33.00	22km
			eSKS	48	52.00	
			e	49	04.50	
AAE	87.59	279	eP	38	30.50	1.7
NAI	87.85	269	eP+	38	31.50	1.4
			eSKKS	49	14.00	
MSL	88.79	307	ePd	38	33.50	-0.3
			epP	38	49.50	56kmX
			eSKS	48	58.00	
			eS	49	32.50	
			esP	50	35.00	
			ePS	50	44.00	
SDN	88.96	33	P	38	33.40	-0.7
	1.3s	98.27nm				6.0mb
SLR	91.87	244	eP	38	49.10	0.5
	1.3s	28.85nm				5.5mb
	Z 22s	2.59um				5.6Msz
SEK	91.94	241	eP	38	47.20	-1.7
			i	39	14.60	103kmX
KRI	92.29	253	iPc	39	08.60	18.0X
BUL	92.62	249	iPc	38	52.30	0.2
	0.9s	12.60nm				5.3mb
SVW	93.01	29	eP	38	53.70	0.8
TTA	93.26	27	eP	38	54.40	0.4
PDB	93.40	30	P	38	53.70	-0.9
FRS	93.61	239	eP	38	48.00	-8.3X
	0.8s	7.46nm				5.2mb
IMA	94.94	24	eP	39	02.10	0.3
	0.6s	3.70nm				5.0mb
PWA	95.83	29	eP	39	06.30	0.6
PMR	96.17	29	eP	39	07.20	-0.1
	0.6s	5.40nm				5.2mb
OBN	96.49	325	eP	39	09.00	0.2
	1.6s	120.00nm				6.1mb
	Z 21s	2.60um				5.7Msz
	N 21s	1.10um				
	E 21s	1.90um				
			ePP	43	04.00	
			eSKS	49	47 00	
			ePS	51	50 00	
			eSS	57	03 00	
			eSSS	01	06 00	
			LQ	09	00 00	
RND	96.54	27	P	39	06 80	-2.3
FBA	97.18	25	eP	39	13 20	1.4
	0.3s	1.60nm				5 0mb
TOA	97.62	28	eP	39	14 60	0.7
INK	102.84	22	ePdiff	39	36 00	-1.1
MBC	104.94	13	ePdiff	39	48 00	1.7
SPC	106.47	319	e(PKP)	44	15.20	10.1X
			e	45	21.90	
ZST	108.64	318	e(PKP)	44	10.10	1.1
			e	44	27.60	
KSP	108.80	321	ePKP	44	09.70	0.5
NB2	109.38	332	PKP	44	10.60	0.6
	0.7s	3.70nm				
PRU	110.04	320	ePKP	44	13.00	1.4
	Z 24s	1.40um				5.5MszX
	N 25s	1.20um				
	E 25s	1.50um				
			e	44	43.30	
VBY	110.24	315	ePKPd	44	13.10	1.0
			ePP	44	45.30	

BRG	110.26	321	ePKP	44	13.20	1.2
			e	44	23.30	
LJU	110.67	316	ePKP	44	14.00	1.1
CLL	110.76	321	ePKP	44	13.00	0.1
CEY	110.78	315	ePKP	44	14.00	0.8
			ePP	44	48.20	
KHC	110.81	319	PKP	44	13.60	0.5
	1.2s	7.50nm				
			e	44	49.20	
			e	45	10.20	
VOY	111.11	316	ePKP	44	15.10	1.3
			ePP	44	51.90	
YKA	111.99	26	ePdiff	40	28.50	10.5X
	0.8s	0.50nm				
YKA	111.99	26	ePKP	44	14.50	-0.3
	0.6s	5.10nm				
PNT	113.53	40	ePKP	44	20.00	1.7
	0.8s	6.00nm				
BSF	115.50	319	ePKP	44	22.00	-0.2
	1.0s	24.00nm				
HAU	115.74	319	ePKP	44	22.50	-0.1
	1.2s	23.80nm				
	Z 20s	0.68um				5.3Msz
SBF	116.02	314	ePKP	44	23.10	-0.2
	1.0s	32.00nm				
LPG	116.11	316	ePKP	44	24.20	0.5
	0.8s	9.40nm				
LPL	116.12	316	ePKP	44	24.10	0.4
	0.8s	9.40nm				
FRF	116.64	314	ePKP	44	24.90	0.5
	1.0s	20.00nm				
LRG	116.87	314	ePKP	44	25.50	0.7
	0.8s	16.10nm				
	Z 22s	0.88um				5.3Msz
ISA	116.99	55	ePKP	44	26.00	0.6
LOR	117.56	319	ePKP	44	26.30	0.2
	1.0s	14.00nm				
	Z 20s	0.80um				5.3Msz
LBF	117.57	318	ePKP	44	26.40	0.3
	1.0s	16.00nm				
SBB	117.65	56	ePKP	44	34.00	7.3X
SMF	117.76	318	ePKP	44	26.40	0.0
	1.2s	22.30nm				
SSF	117.86	319	ePKP	44	27.00	0.4
	1.0s	35.00nm				
AVF	118.04	318	ePKP	44	27.00	0.1
	0.8s	8.05nm				
BGF	118.44	318	ePKP	44	28.40	0.7
	0.8s	34.90nm				
SES	118.49	37	ePKP	44	28.00	0.2
EKA	118.56	329	PKP	44	28.00	0.4
	0.8s	7.20nm				
TCF	118.94	318	ePKP	44	29.10	0.4
	1.2s	37.20nm				
TPC	119.19	56	ePKP	44	44.00	14.4X
HPI	119.34	45	PKP	44	30.70	0.8
LSF	119.40	318	ePKP	44	31.10	1.5
	1.2s	26.80nm				
CAF	119.46	317	ePKP	44	30.50	0.7
	1.0s	28.00nm				
LDF	119.65	321	ePKP	44	31.40	1.5
	1.0s	18.00nm				
RJF	119.71	317	ePKP	44	30.80	0.6
	1.2s	47.60nm				
	Z 22s	1.00um				5.4Msz
FLN	119.81	322	ePKP	44	30.50	0.3
	0.8s	16.10nm				
	Z 22s	0.60um				5.2Msz
PTI	120.09	46	PKP	44	33.10	1.9
HVU	120.10	47	PKP	44	31.20	-0.1
LPO	120.13	317	ePKP	44	31.80	0.8
	0.9s	26.20nm				
GRR	120.18	321	ePKP	44	33.00	2.1
	1.0s	24.00nm				
ESEL	120.27	311	ePKP	44	33.30	1.9
LFF	120.35	317	ePKP	44	32.10	0.7
	1.0s	46.00nm				
MFF	120.38	319	ePKP	44	31.60	0.2
	0.8s	20.15nm				
LPF	120.43	321	ePKP	44	31.80	0.4
	0.8s	26.85nm				
DUG	120.48	49	PKP	44	33.20	1.2
EPF	121.22	315	ePKP	44	33.50	0.3
	1.1s	14.65nm				
MSU	121.38	50	PKP	44	36.40	2.5X
FFC	121.46	30	ePKPc	44	33.00	-0.2
	1.0s	37.00nm				

DAU	121.57	48	PKP	44	34.30	0.0
EMUT	122.06	49	PKP	44	36.70	1.5
SRU	122.47	49	PKP	44	36.20	0.3
ECRI	123.34	315	ePKP	44	39.20	1.9
ETOR	123.61	313	ePKP	44	39.30	1.4
EVIA	124.61	311	ePKP	44	40.50	0.6
GUD	125.17	314	ePKP	44	42.20	1.2
EBAN	125.72	311	ePKP	44	43.60	1.6
EGUA	125.95	309	ePKP	44	42.70	0.2
GOL	126.09	47	PKP	44	44.30	1.2
MAL	126.63	309	iPKPd	44	43.80	0.0
ALQ	126.74	53	PKP	44	45.80	1.5
EPLA	126.75	314	ePKP	44	45.20	1.2
EHOR	126.92	311	ePKP	44	45.10	0.8
EPRU	127.18	310	ePKP	44	45.30	0.4
EJIF	127.53	309	ePKP	44	46.00	0.5
IFR	128.12	306	iPKP	44	51.50	4.5X
KIC	129.98	271	PKP	44	51.98	1.2
AVE	130.01	306	iPKP	44	52.00	1.7
LIC	130.25	270	PKP	44	52.74	1.4
TIC	130.29	271	PKP	44	52.88	1.5
TIO	130.56	303	iPKP	44	52.50	0.9
ACO	131.75	48	iPKPd	44	57.10	3.5X
MEO	132.91	51	iPKPc	44	57.40	1.6
RFA	134.46	165	ePKP	44	48.70	-10.1X
TUL	134.54	48	e(PKP)	44	59.40	0.5
	1.6s	50.00nm				
FVM	137.29	42	PKP	45	05.40	1.4
RTCB	137.46	163	ePKP	44	53.00	-11.7X
ELC	138.47	42	PKP	44	55.10	-11.1X
PWLA	140.51	45	PKP	45	04.30	-5.7X
BNH	142.12	19	PKP	45	09.30	-3.3X
MIM	142.18	16	PKP	45	14.50	1.9
GBTN	142.69	41	PKP	45	10.60	-3.2X
TKL	142.98	40	PKP	45	10.70	-3.6X
BLA	143.99	35	PKP	45	14.50	-1.5
TBR	144.03	25	PKP	45	13.80	-2.1
LVNJ	144.08	26	PKP	45	13.60	-2.4
PNJ	144.25	25	iPKP	45	15.50	-0.7
GMTN	144.26	25	iPKP	45	16.00	-0.3
CVL	144.52	33	PKP	45	14.90	-1.9
SLA	144.77	164	iPKPc	45	16.00	-1.9
PRM	144.86	41	PKP	45	17.10	-0.4
JSC	145.45	40	PKP	45	18.90	0.4
LHS	145.60	39	PKP	45	17.90	-0.9
CEH	145.68	36	PKP	45	15.60	-3.3X
BMA	146.48	199	ePKP	45	22.80	2.2
			e	45	26.20	
HBF	146.87	41	PKP	45	23.70	2.8X
VAO	146.97	194	ePKP	45	23.90	2.5X
			e	45	32.00	
YJA	147.18	162	ePKP	45	22.50	0.2
PPD	148.69	187	ePKP	45	27.40	3.2X
			e	45	31.40	
ARE	149.79	148	ePKP	45	31.00	4.7X
NNA	149.86	134	iPKP	45	30.30	4.2X
LPB	151.38	153	iPKPc	45	34.90	6.1X
ZOBO	151.58	153	PKP	45	30.10	0.7
	1.1s	107.31nm				
	Z 18s	1.08um				5.7Msz
			LR	33	12.00	
BAO	154.28	196	e(PKP)	45	27.80	-4.8X
	S.D. = 1.2	on 195 of 252 obs.				

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* FEB 11, 1992 10h 56m 27.77± 2.15s
37.396 S ±13.8km 177.493 E ±11.6km
DEPTH = 187.0 ± 15.6 km
OFF E. COAST OF N. ISLAND, N.Z. (160)

HBZ	0.67	108	eP	56	54.60	0.2
PUZ	0.91	138	Pc	56	55.80	0.0
			eS	57	10.80	
URZ	0.91	199	Pd	56	53.60	-2.2
			eS	57	07.80	
TAZ	1.14	223	eP	56	56.00	-1.5
NOZ	1.29	161	P	56	59.10	0.4
PATZ	1.39	224	P	56	58.90	-0.8
PAHZ	1.50	193	P	57	00.80	0.1
KUZ	1.56	294	Pc	57	01.20	0.0
WLZ	1.58	253	Pc	57	00.90	-0.4
			eS	57	19.80	
WHH	1.68	208	P	57	02.20	-0.3
MOH	1.76	189	eP	57	03.60	0.5
MAHZ	1.82	170	eP	57	05.50	1.8
MOZ	2.40	242	Pd	57	11.80	1.7
RUZ	2.42	224	P	57	12.20	1.8
WAHZ	2.47	201	P	57	11.30	0.4

11d 10h

```
BSZ      3.13 219 P      57 20.60   1.9
PGZ      3.36 196 P      57 21.90   0.4
NRZ      3.40 234 eP     57 26.20   4.0X
MNG      3.58 205 P      57 24.20  -0.2
                  eS     58 03.20
KIW      4.00 209 P      57 29.60  -0.1
MTW      4.06 202 P      57 29.90  -0.6
AMW      4.13 198 eP     57 31.20  -0.1
CAW      4.16 206 P      57 31.00  -0.7
BLW      4.26 201 eP     57 32.90  -0.1
DIW      4.39 218 P      57 34.80   0.1
MRW      4.40 209 P      57 34.10  -0.6
WEL      4.42 208 eP     57 34.90  -0.1
                  eS     58 23.40
TCW      4.56 212 P      57 36.10  -0.7
QRZ      5.16 227 P      57 45.40   0.8
THZ      5.62 218 eP     57 50.80   0.1
KHZ      5.86 210 eP     57 53.20  -0.5
DSZ      6.18 224 P      57 57.80  -0.2
LTZ      6.71 215 P      58 04.00  -0.9
MQZ      7.30 209 eP     58 10.10  -2.6X
ODZ      9.22 212 eP     58 37.40  -0.4
     S.D. = 0.9  on  33 of  35 obs.
-----------------------------------
%  FEB  11, 1992  11h 01m 13.15± 1.09s
   42.646 N ±11.1km   23.592 E ± 6.7km
   DEPTH =  10.0km  (geophysicist)
 BULGARIA                          (359)

VTS      0.29 259 iPgd   01 19.00  -0.3
PGB      0.43 103 ePg    01 22.00   0.0
MMB      1.06 175 eP     01 34.00   0.8
RZN      1.27 139 eP     01 36.00  -0.9
PVL      1.40  65 iPgd   01 39.00   0.3
     S.D. = 0.9  on   5 of   5 obs.
-----------------------------------
*  FEB  11, 1992  11h 20m 18.99± 0.99s
   4.284 N ± 8.8km   77.665 W ±13.6km
   DEPTH =  67.4 ±  9.6 km
   4.3mb (  3 obs.)
 NEAR WEST COAST OF COLOMBIA      (102)

PSO      3.09 174 eP     21 07.00   0.2
BOG      3.60  84 eP     21 15.00   1.0
                  iS     22 20.00
UPA      5.02 338 eP     21 32.00  -1.6
     Z  20s     1.06um
BMG      5.34  59 eP     21 53.00  14.8X
ECO      5.43 338 ePd    21 39.80   0.4
                  iS     22 34.10
ZOBO    22.51 155 iPd    25 14.70  -0.1
        1.0s    13.00nm          4.3mb
LPB     22.74 156 P      25 16.00  -0.9
     Z  18s     1.37um          4.4Msz
                  LR     45 34.00
PPD     36.73 136 eP     27 21.00  -0.7
ANMO    40.51 322 P      27 54.00   0.7
        1.4s    11.63nm          4.5mb
SRU     45.71 324 eP     28 36.70   1.3
YKA     64.16 342 eP     30 47.00  -1.4
        0.9s     0.90nm          3.7mb
INK     73.92 341 eP     31 49.00   0.7
GKN    143.65  27 PKP    39 47.40  -1.4
KKN    144.12  26 PKP    39 49.40  -0.3
DMN    144.20  27 PKP    39 49.80  -0.1
        0.7s    16.00nm
GUN    144.28  25 PKP    39 50.40   0.3
        0.8s    20.00nm
PKI    144.37  26 PKP    39 50.00  -0.3
        0.8s    12.00nm
WRA    145.16 241 PKP    39 53.50   2.1
        0.9s     1.80nm
     S.D. = 1.1  on  17 of  18 obs.
-----------------------------------
&  FEB  11, 1992  12h 39m 19.97s
   62.946 N          148.424 W
   DEPTH =  11.3km
 CENTRAL ALASKA                    (  1)
     <AEIC>. ML 2.7 (AEIC).

RND      0.50 337 iP     39 29.77  -0.4
                  eS     39 36.38
HUR      0.55 274 iP     39 31.23   0.0
                  eS     39 39.45
MCK      0.82 344 iP     39 35.55  -0.2
TRF      0.99 302 iP     39 38.87   0.2
                  eS     39 53.65
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CUT      1.01 238 eP     39 39.34   0.4
SML      1.14 178 iP     39 40.87  -0.4
                  eS     39 56.48
GHO      1.20 191 eP     39 41.71  -0.6
                  eS     39 57.93
KTH      1.28 299 eP     39 44.37   0.7
BWN      1.32 340 eP     39 44.25   0.1
                  eS     40 01.12
TOA      1.34 128 iP     39 44.69   0.1
                  eS     40 03.34
PAX      1.35  88 eP     39 43.69  -1.1
                  S      40 01.85
SDG      1.39 106 iP     39 44.78  -0.5
PLRM     1.40 194 eP     39 45.07  -0.2
DDM      1.43  53 eP     39 46.44   0.6
PWA      1.47 208 eP     39 46.76   0.5
KNK      1.54 181 eP     39 47.40   0.1
HDA      1.61  23 eP     39 48.23  -0.1
                  eS     40 10.36
DJE      1.64  47 eP     39 49.72   0.9
TZL      1.66 122 eP     39 49.76   0.7
NEA      1.66 350 eP     39 50.06   0.9
CCB      1.73   9 eP     39 49.55  -0.5
                  eS     40 13.00
SKT      1.74 237 eP     39 50.73   0.5
PMS      1.79 198 eP     39 51.34   0.3
KLU      1.87 140 eP     39 52.35   0.1
FBA      1.98   8 eP     39 53.26  -0.5
VZW      2.09 154 eP     39 56.33   1.0
DOT      2.09  68 eP     39 55.74   0.4
GLM      2.10  12 eP     39 54.85  -0.7
GLI      2.17 163 eP     39 57.72   1.3
MLY      2.33 335 eP     39 58.57  -0.2
CRP      2.43 228 eP     39 59.47  -0.9
SPU      2.46 226 eP     40 02.29   1.6
CKN      2.47 227 eP     40 02.52   1.7
BGL      2.52 230 eP     40 02.15   0.7
CKL      2.54 228 eP     40 04.28   2.4
BKG      2.61 226 eP     40 03.58   0.7
PRP      2.88  25 eP     40 06.37  -0.3
RDT      3.04 220 eP     40 10.14   1.3
DFR      3.11 223 eP     40 12.19   2.3
CROM     3.33 129 eP     40 14.71   1.5
TGL      3.44 127 eP     40 15.21   0.6
BALM     3.45 121 eP     40 15.51   0.8
        42 obs. associated
-----------------------------------
*  FEB  11, 1992  12h 39m 20.83± 1.30s
   42.850 N ±11.0km   24.022 E ± 8.3km
   DEPTH =  10.0km  (geophysicist)
 BULGARIA                          (359)

PGB      0.32 160 iPgc   39 27.00  -0.5
VTS      0.65 247 ePg    39 33.00  -1.0
PVL      1.03  69 eP     39 40.00  -0.3
RZN      1.27 156 eP     39 44.00  -0.6
MMB      1.28 190 eP     39 44.00  -0.6
KDZ      1.58 139 eP     39 50.00   1.0
VAY      1.87 216 ePn    39 55.00   1.8
     S.D. = 1.3  on   7 of   7 obs.
-----------------------------------
*  FEB  11, 1992  13h 43m 28.44± 2.51s
   32.613 S ±12.1km   69.224 W ±13.6km
   DEPTH = 126.3 ± 30.6 km
 MENDOZA PROVINCE, ARGENTINA      (139)
     MD 4.0 (SAN).

MDZ      0.42 131 iPc    43 46.40  -0.6
                  iS     43 58.00
JACH     1.16 266 iPc    43 53.10   0.1
                  iS     44 11.10
ZON      1.16  24 iPd    43 53.50   0.5
                  eS     44 12.50
RTCB     1.18  18 iPd    43 53.20   0.0
                  S      44 06.50
CFA      1.31  40 iPc    43 54.30  -0.2
PEL      1.34 246 iPc    43 55.10   0.2
                  iS     44 14.50
SAN      1.47 235 eP     43 56.50   0.2
                  iS     44 18.10
ROCH     1.55 256 iPc    43 57.10  -0.3
                  iS     44 17.90
TACH     1.77 234 iPc    44 00.30   0.4
                  iS     44 23.60
CHCH     1.78 222 iPc    44 01.20   1.2
                  iS     44 26.50
LCCH     2.15 246 iP     44 03.90  -0.6
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LNV      2.27 233 iP     44 05.10  -0.9
     S.D. = 0.7  on  12 of  12 obs
-----------------------------------
%  FEB  11, 1992  14h 06m 18.42± 1.33s
   39.040 N ±12.2km   28.324 E ±14.9km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                            (366)

DST      0.61  23 iPg    06 29.30  -1.5
                  iSg    06 37.80
IZM      1.05 233 iPn    06 38.10  -0.1
KCT      1.21   1 iPn    06 41.30   0.4
BNT      1.35 347 iPn    06 43.70   0.5
EDC      1.35 345 ePn    06 43.00  -0.3
IZI      1.57  34 ePn    06 47.20   0.8
YLV      1.73  28 ePn    06 49.00   0.3
     S.D. = 0.9  on   7 of   7 obs.
-----------------------------------
%  FEB  11, 1992  14h 31m 44.60± 0.64s
   38.253 N ± 5.7km   15.914 E ± 6.3km
   DEPTH =  10.0km  (geophysicist)
 SICILY                            (398)

SOI      0.21 148 Pc     31 49.10  -0.1
                  eSg    31 52.00
ATN      0.37 256 P      31 52.40   0.2
                  eSg    31 58.40
CZI      0.98  10 P      32 02.70  -0.5
MNO      1.01 252 P      32 04.60   0.7
                  eSg    32 19.40
ROI      1.41  21 P      32 10.80   0.4
TDS      1.44  13 P      32 11.00   0.3
GIB      1.51 261 P      32 10.80  -1.0
MGR      1.90 352 P      32 17.30  -0.1
     S.D. = 0.6  on   8 of   8 obs.
-----------------------------------
   FEB  11, 1992  15h 13m 09.95± 0.38s
   42.636 N ± 2.7km  111.828 W ± 6.3km
   DEPTH =   5.0km  (geophysicist)
 EASTERN IDAHO                     (457)
     ML 3.0 (GS), 3.2 (BUT). Felt
     (IV) at Bancroft.

PTI      0.46 301 ePc    13 19.78   0.5
                  eS     13 25.67
TMI      0.67 354 iPd    13 22.99  -0.4
IRCI     0.89 350 iP     13 27.69   0.1
                  eS     13 39.63
CBTI     1.09 314 iPd    13 30.81  -0.3
                  eS     13 44.88
HVU      1.11 220 ePd    13 31.56   0.2
                  eS     13 46.57
ARNI     1.18 331 iPd    13 32.34  -0.3
NPRI     1.21 323 eP     13 33.31   0.3
                  eS     13 49.39
CRBI     1.33 334 iPd    13 35.21   0.1
LLRI     1.35 324 iPc    13 35.54   0.0
                  eS     13 53.99
GBI      1.36 353 iPc    13 34.89  -0.8
HPI      1.42 320 P      13 36.30  -0.4
                  eS     13 55.51
JGI      1.58 337 iPd    13 38.23  -0.6
                  eS     14 01.10
PZCI     1.74 348 iPd    13 40.92  -0.3
                  eS     14 04.53
LTMT     1.90 354 ePn    13 43.70   0.1
DAU      2.26 169 ePn    13 49.38   0.5
                  eS     14 20.93
MCMT     2.31 342 ePn    13 51.20   1.7
DUG      2.55 197 eP     13 51.65  -1.1
                  eS     14 28.37
BGMT     2.60 357 ePn    13 54.20   0.6
EMUT     2.92 165 ePn    13 58.18   0.0
                  eS     14 40.18
MEMT     3.03  11 ePn    14 03.20   3.5X
HBMT     3.21 350 ePn    14 05.10   2.9X
LRM      3.22 352 ePn    14 05.70   3.4X
BUT      3.42 351 ePg    14 16.90  11.7X
                  eSg    14 57.10
SXM      3.54   7 ePn    14 10.80   3.9X
SRU      3.66 164 Pn     14 08.72   0.1
                  Pg     14 17.01
                  S      15 02.59
HRY      4.08 360 ePn    14 17.20   2.8X
MSU      4.13 184 ePn    14 15.46   0.2
                  (S)    15 24.43
     S.D. = 0.6  on  21 of  27 obs.
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?  FEB  11, 1992  15h 22m 40.72± 1.95s
   18.970 S ±33.3km  174.847 W ±34.9km
   DEPTH = 175.0km  (geophysicist)
   5.1mb (  8 obs.)
 TONGA ISLANDS                    (173)

DZM     17.79 257 iPc   26 40.10   1.3
BRS     30.85 248 iPd   28 43.00   0.4
        0.8s    11.50nm          4.7mb
RMO     34.31 251 iPc   29 13.00   0.6
        0.4s    13.00nm          5.0mb
CMS     37.50 243 eP    29 40.00   0.8
PMG     37.97 279 eP    29 43.00  -0.3
OLP     38.35 251 iPc   29 46.70   0.3
        0.6s    88.00nm          5.6mb
STK     41.13 243 iPc   30 27.50  18.3X
        1.0s     3.50nm
WB2     47.76 260 iPd   31 01.30  -0.9
        0.4s    61.50nm          5.5mb
                  eS    38 44.60
WRA     47.77 260 P     31 01.50  -0.8
        0.4s    40.50nm          5.3mb
ASPA    47.77 255 iPd   31 01.80  -0.5
        0.8s    53.50nm          5.2mb
FORR    52.59 245 eP    31 37.20  -1.4
KNA     53.73 264 eP    31 43.50  -3.7X
WARB    54.13 251 eP    31 49.00  -1.1
PCI     66.41 278 ePc   33 17.50   4.1X
                  e     34 19.00 26BkmX
MAT     70.81 321 iPd   33 39.10  -1.0
        0.8s     7.46nm          4.5mb
FBA     86.14  11 (P)   35 02.86   0.2
                  e     35 46.84 177kmX
CHTO    92.54 289 ePd   35 36.00   2.4
        0.8s    10.43nm          5.0mb
CLL    147.14 351 iPKPc 42 06.10   4.3X
GEC2   149.41 349 PKP   42 11.40   5.7X
        0.6s     1.18nm
      S.D. = 1.2  on  14 of  19 obs.
-----------------------------------
*  FEB  11, 1992  16h 43m 13.59± 4.14s
   31.671 S ±29.5km   69.720 W ±13.3km
   DEPTH = 135.7 ± 37.9 km
 SAN JUAN PROVINCE, ARGENTINA     (137)
      MD 3.7 (SAN).

RTBS     0.23  88 iPd   43 32.00  -0.6
                  S     44 02.00
RTCB     0.81  77 iPd   43 35.20  -0.6
                  S     43 50.50
ZON      0.90  82 iPd   43 37.20   0.7
                  eS    43 51.20
JACH     1.25 216 iP    43 40.20   0.3
                  iS    43 59.20
CFA      1.27  88 iPc   43 40.20   0.3
                  S     43 58.50
PEL      1.68 209 iPc   43 44.80   0.3
                  iS    44 06.80
ROCH     1.70 220 iPc   43 44.90   0.0
                  iS    44 07.00
TACH     2.23 207 iPd   43 51.20   0.1
                  iS    44 19.10
LCCH     2.38 220 eP    43 53.20   0.2
                  iS    44 21.10
CHCH     2.39 199 iPd   43 53.60   0.4
                  iS    44 23.30
LNV      2.69 212 iPd   43 56.10  -0.8
                  iS    44 27.50
RFA      3.27 162 iPc   44 04.20  -0.4
      S.D. = 0.6  on  12 of  12 obs.
-----------------------------------
?  FEB  11, 1992  16h 55m 49.24± 2.48s
   18.108 N ±21.5km   67.195 W ±22.0km
   DEPTH =  33.0km  (normal)
 MONA PASSAGE                     ( 89)

MGP      0.14 135 P     55 54.90  -0.4
MEP      0.21  79 P     55 57.00   1.1
PORP     0.53  96 P     56 00.80   0.5
APR      0.56  52 P     56 00.60  -0.1
CLLP     0.59  93 P     56 01.70   0.6
SJG      0.99  90 iP    56 07.90   1.0
CPD      1.22  93 P     56 09.30  -0.8
LPR      1.28  81 P     56 09.00  -1.9
      S.D. = 1.2  on   8 of   8 obs.
-----------------------------------
   FEB  11, 1992  17h 52m 54.29± 0.65s
   43.412 N ± 5.0km    5.472 E ± 4.7km
   DEPTH =   5.0km  (geophysicist)
 NEAR SOUTH COAST OF FRANCE       (379)
      ML 3.1 (STR).

GELF     0.04 228 Pg    52 55.73   0.0
BERF     0.19 122 Pg    52 58.89   0.7
PUYF     0.21  54 Pg    52 58.15  -0.3
TREF     0.22 343 Pg    52 58.14  -0.7
CDR      0.34  39 ePgd  53 00.30  -0.8
                  iSg   53 04.90
PRAF     0.45 331 Pg    53 03.20  -0.1
TAVF     0.47  64 Pg    53 03.75   0.0
VILF     0.47  22 Pg    53 03.21  -0.6
CALN     1.08  71 Pg    53 15.82   0.6
                  Sg    53 30.86
MVIF     1.31  68 Pn    53 19.12   0.0
                  Sg    53 38.08
REVF     1.42  76 Pn    53 20.72  -0.1
                  Sg    53 40.98
TOUF     1.42  64 Pn    53 20.57  -0.4
AURF     1.43  70 Pn    53 20.50  -0.5
AUTN     1.53  67 Pn    53 22.37  -0.2
                  Sg    53 45.18
SAOF     1.62  68 Pn    53 23.28  -0.3
DOI      1.68  49 P     53 26.00   1.4
                  eSg   53 49.40
BNI      1.85  27 Pd    53 29.60   2.5
                  eSn   53 53.40
CKI      2.27  63 Pc    53 33.40   0.4
                  eSn   54 01.90
PGF      2.73 107 Pn    53 38.06  -1.6
      S.D. = 0.9  on  19 of  19 obs.
-----------------------------------
?  FEB  11, 1992  17h 57m 00.83± 4.80s
   51.548 N ±10.9km    7.599 E ±44.5km
   DEPTH =  10.0km  (geophysicist)
 GERMANY                          (543)
      ML 2.0 (BNS).

BNS      0.64 205 iPgd  57 13.60  -0.1
        0.4s    49.00nm
                  iSg   57 24.40
WTS      0.66 313 ePg   57 14.00   0.0
        0.5s     4.00nm
                  eS    57 23.50
ENN      1.31 234 ePn   57 25.00  -0.1
        0.3s     8.00nm
                  eSn   57 46.00
MEM      1.38 228 iPc   57 26.19   0.2
      S.D. = 0.2  on   4 of   4 obs.
-----------------------------------
   FEB  11, 1992  18h 09m 25.49± 0.37s
   5.027 S ± 7.3km  105.448 E ± 8.3km
   DEPTH = 202.3km  (  3 depth phoses)
   4.6mb ( 11 obs.)
 SUNDA STRAIT                     (276)

TPI      3.15  44 iPc   10 19.40   1.9
                  e     16 00.00
KSI      3.17 296 ePd   10 20.50   2.9X
                  e     15 55.00
KGM      7.31 343 ePd   11 13.20   2.5
IPM     10.51 335 ePd   11 54.50   2.2
        0.5s    68.90nm          5.3mb
PCI     14.94  75 ePc   12 54.00   5.9X
                  e     14 35.00
KHT     20.82 341 eP    13 53.60   1.0
CHTO    24.54 345 ePd   14 28.00  -0.3
        1.0s    16.00nm          4.6mb
MUN     28.64 161 eP    15 06.00   0.6
WARB    29.22 138 eP    15 10.50   0.0
COOL    29.66 152 eP    15 14.50   0.2
WB2     31.79 120 iPd   15 33.20   0.1
        0.5s     9.20nm          4.7mb
                  iPcP  18 19.70
                  eS    20 23.80
                  iScP  21 42.90
ASPA    33.09 127 iPd   15 45.30   0.9
        0.3s    20.90nm          5.2mb
                  i     16 25.70 194km
                  iPcP  18 23.50
                  iS    20 45.80
                  eScP  21 47.40
FORR    33.38 143 iPd   15 46.50  -0.1
        0.3s    15.00nm          5.1mb
HYB     34.68 311 eP    15 56.00  -1.9
PKI     37.75 330 P     16 23.00  -0.9
GUN     37.80 331 P     16 24.00  -0.4
DMN     37.93 330 P     16 24.40  -1.0
KKN     37.99 330 P     16 24.80  -1.0
GKN     38.49 330 P     16 29.20  -0.7
LZH     40.92 358 eP    16 51.00   1.2
        1.5s    31.00nm          4.6mb
                  pP    17 13.50  95kmX
PMG     41.58  98 eP    16 56.00   0.7
STK     43.10 133 iPc   17 26.10  18.7X
        0.4s    10.00nm
                  ipP   18 08.10 194km
NDI     43.14 323 iP    17 06.00  -1.8
BJI     45.92  11 eP    17 30.00   0.4
        1.0s     7.00nm          4.0mb
IIDJ    50.53  35 P     18 04.00  -1.3
MTMJ    51.27  34 P     18 10.50  -0.4
MAT     51.46  34 iPd   18 11.20  -1.1
        1.2s    17.19nm          4.5mb
CHJJ    51.55  35 P     18 12.10  -0.8
KAKJ    52.34  36 P     18 16.70  -2.0
YAMJ    53.64  34 P     18 28.00  -0.3
OFUJ    55.19  34 P     18 38.90  -0.5
YAK     69.41  12 iPd   20 12.50  -0.6
                  e     21 04.00 219km
DSI     75.85 304 iPd   20 51.90   0.6
MML     76.04 305 iPd   20 53.30   0.8
RMN     76.20 303 iPd   20 54.10   0.6
CSS     78.37 307 eP    21 05.50   0.3
VRI     85.76 317 ePd   21 43.00  -0.1
MLR     86.23 316 eP    21 48.00   2.5
VAY     87.95 312 iP    21 53.40  -0.3
KAF     89.35 332 iP    21 59.70  -0.1
        0.6s     5.10nm          4.6mb
NUR     89.82 331 eP    22 01.30  -0.7
VBY     93.68 315 e(P)  22 20.80   0.7
LJU     94.22 316 e(P)  22 23.30   0.7
GEC2    94.90 318 PKP   22 25.40  -0.4
        0.8s     1.21nm          4.2mb
HFS     95.20 330 eP    22 26.70  -0.1
        0.5s     2.10nm          4.6mb
YKA    115.54  19 ePKP  27 43.10  -1.4
        0.5s     0.40nm
FFC    125.72  19 ePKP  28 04.00  -0.3
        0.6s     3.00nm
MSU    132.30  40 ePKP  28 19.90   2.2
RFA    140.00 188 iPKPc 28 28.50  -3.5X
LVNJ   144.37   0 ePKPc 28 37.56  -1.7
GBTN   148.24  15 ePKPc 28 49.09   3.3X
      S.D. = 1.2  on  46 of  51 obs.
-----------------------------------
?  FEB  11, 1992  18h 27m 40.41± 7.77s
   35.057 S ±56.6km   72.166 W ±32.0km
   DEPTH =  33.0km  (normal)
 NEAR COAST OF CENTRAL CHILE      (135)
      Felt (II) at Curico and Talca.

LNV      1.26  30 iPd   28 01.50  -0.3
LCCH     1.65  18 iP    28 07.50   0.0
CHCH     1.68  49 iPd   28 07.50  -0.4
TACH     1.73  36 iPd   28 08.40  -0.3
SAN      2.03  38 iPd   28 12.90  -0.1
                  iS    28 35.90
IHA      2.07  12 e(P)  27 35.00 -38.5X
                  eS    28 29.00
PEL      2.27  33 iPd   28 16.50   0.1
                  iS    28 41.00
ROCH     2.29  25 iPd   28 17.00   0.1
                  iS    28 42.80
JACH     2.71  29 iPd   28 22.20  -0.4
MDZ      3.51  53 eP    28 34.60   0.6
                  iS    28 44.60
RTBS     4.08  35 iPd   28 42.80   0.8
                  S     29 22.50
RTCB     4.54  39 iPd   28 48.80   0.1
                  S     29 47.50
ZON      4.56  41 eP    28 50.20   1.3
CFA      4.76  45 ePc   28 50.30  -1.4
CYA      8.54  41 eP    29 33.00 -11.7X
ZOBO    19.04  12 P     32 03.00  -0.1
      S.D. = 0.7  on  14 of  16 obs.
-----------------------------------
&  FEB  11, 1992  18h 36m 36.69s
   37.187 N          117.456 W
   DEPTH =   6.0km  (geophysicist)
 CALIFORNIA-NEVADA BORDER REGION ( 40)
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11d 18h

<PAS-P>. ML 2.8 (PAS), 3.5 (BRK).

TNP	0.91	12	iPd	36 54.57	-0.1
			eS	37 07.18	
ISA	1.73	209	eP	37 07.30	-0.2
FRI	1.81	264	iPc	37 08.77	0.1
			eS	37 30.73	
KVN	1.93	345	eP	37 09.85	-0.7
			eS	37 39.21	
CMB	2.48	291	iPc	37 20.81	2.5
			iS	37 53.05	
PHAM	2.73	241	e(P)	37 23.70	1.9
ABL	2.74	212	eP	37 21.69	-0.5
			eS	37 53.69	
PRI	2.78	249	eP	37 26.38	3.6
LLA	2.85	260	eP	37 26.40	2.8
SSK	2.98	184	e(P)	37 32.37	6.9
			e(S)	38 10.41	
SAO	3.22	264	eP	37 30.47	1.7
ARN	3.26	274	eP	37 32.14	2.8
			eS	38 15.28	
PRS	3.26	256	ePc	37 34.71	5.4
MSU	4.39	71	eP	37 55.06	9.5
			eS	38 57.28	
DUG	4.71	49	eP	38 01.03	10.9
			eS	38 59.98	

15 obs. associated

& FEB 11, 1992 18h 56m 31.34s
60.195 N 147.084 W
DEPTH = 4.3km
SOUTHERN ALASKA (2)
<AEIC>. ML 3.1 (AEIC).

MTU	0.35	234	iP	56 38.65	0.2
			eS	56 44.38	
GLI	0.69	360	eP	56 44.52	-0.6
			S	56 55.06	
MID	0.86	154	eP	56 47.22	-1.1
VZW	0.91	17	eP	56 47.97	-1.3
			S	57 02.15	
SGAM	0.98	71	eP	56 49.01	-1.5
			eS	57 03.67	
RAGM	1.22	80	eP	56 49.60	-4.9
KNK	1.39	332	eP	56 55.86	-1.7
			eS	57 15.13	
KLU	1.42	23	iP	56 56.24	-1.8
			S	57 15.20	
SLKM	1.59	283	iP	56 57.96	-2.4
			eS	57 18.93	
PMS	1.61	312	eP	56 58.50	-2.1
			eS	57 20.52	
PLRM	1.72	325	eP	57 00.42	-1.8
PMR	1.72	325	eP	57 00.10	-2.1
			eS	57 23.18	
SML	1.73	340	eP	57 01.03	-1.3
			eS	57 22.72	
GHO	1.82	331	eP	57 02.46	-1.2
			eS	57 26.93	
TOA	1.97	13	eP	57 05.99	0.2
CROM	2.03	72	eP	57 04.29	-2.6
GL8	2.03	51	eP	57 04.61	-2.2
TGL	2.18	73	eP	57 06.19	-2.8
CNPM	2.20	254	eP	57 06.83	-2.3
BALM	2.48	68	iP	57 10.53	-2.8
			S	57 40.52	
SPU	2.64	294	iP	57 12.07	-3.4
			eS	57 44.72	
YAH	2.67	84	eP	57 13.46	-2.5
CUT	2.70	327	eP	57 14.55	-1.7
CKN	2.71	295	eP	57 13.78	-2.7
CRP	2.71	296	eP	57 13.84	-2.8
NCG	2.77	298	eP	57 14.63	-2.7
CKL	2.77	294	eP	57 14.17	-3.3
SKT	2.81	312	eP	57 16.20	-1.6
DFR	2.81	281	eP	57 14.35	-3.6
REF	2.81	278	iP	57 14.46	-3.6
BGL	2.82	295	eP	57 14.93	-3.1
RSO	2.83	278	eP	57 15.02	-3.4
RS1	2.83	278	eP	57 15.08	-3.3
RS2	2.83	278	eP	57 15.07	-3.3
PAX	2.89	15	eP	57 18.98	-0.1
INE	2.99	270	eP	57 16.76	-3.8
INW	3.03	270	eP	57 17.53	-3.5
AUP	3.31	258	eP	57 23.32	-1.7
TRF	3.60	336	eP	57 28.70	-0.5
TTA	5.07	307	eP	57 47.19	-2.8

40 obs. associated

FEB 11, 1992 19h 26m 51.64± 0.34s
44.386 N ± 2.6km 7.320 E ± 3.7km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.3 (GEN), 2.3 (LDG).

STV	0.14	179	P	26 55.46	0.4
			S	26 57.83	
ENR	0.17	156	Pd	26 55.93	0.3
			S	26 58.66	
PZZ	0.20	307	Pc	26 55.85	-0.2
			S	26 58.61	
TOUF	0.38	188	Pg	26 59.60	0.2
			Sg	27 04.64	
ROB	0.41	103	P	27 00.18	0.2
			S	27 06.35	
BHB	0.46	355	P	26 59.85	-1.1
			S	27 05.88	
AURF	0.50	179	Pg	27 01.44	-0.3
			Sg	27 08.50	
MVIF	0.50	194	Pg	27 01.65	-0.3
			Sg	27 08.45	
SBF	0.53	171	Pg	27 03.10	0.7
			Sg	27 09.20	
IMI	0.63	139	P	27 03.69	-0.6
			S	27 12.30	
RRL	0.66	325	P	27 04.09	-0.8
			S	27 12.82	
FIN	0.66	105	P	27 04.71	-0.1
			S	27 14.14	
RSP	0.77	357	P	27 05.74	-1.0
			S	27 15.27	
PCP	0.89	79	P	27 08.61	-0.2
			S	27 21.22	
FRF	0.96	211	Pg	27 09.90	0.0
			Sg	27 21.50	
LRG	1.16	217	Pg	27 13.20	-0.1
			Sg	27 28.30	
LPG	1.18	340	Pg	27 15.70	1.8
			Sg	27 29.10	
LMR	1.20	209	Pg	27 13.80	-0.3
			Sg	27 28.60	
LPL	1.21	340	Pg	27 15.80	1.6
			Sg	27 29.40	
CDR	1.33	238	ePg	27 15.80	-0.3
			eSg	27 31.90	

S.D. = 0.8 on 20 of 20 obs.

& FEB 11, 1992 19h 59m 06.76s
64.881 N 152.830 W
DEPTH = 4.1km
CENTRAL ALASKA (1)
<AEIC>. ML 2.9 (AEIC).

MLY	0.90	79	iP	59 23.81	-0.8
			eS	59 37.45	
IMA	1.24	344	ePd	59 30.04	-0.5
			eS	59 47.62	
KTH	1.57	147	iP	59 35.07	-0.5
			eS	59 57.20	
BWN	1.62	115	eP	59 36.01	-0.1
			eS	59 58.94	
NEA	1.64	99	eP	59 37.31	0.9
			eS	59 58.43	
TRF	1.82	141	eP	59 39.82	0.6
			eS	00 02.87	
MCK	2.05	122	eP	59 42.28	-0.2
WRH	2.08	99	eP	59 42.84	0.0
FBA	2.15	87	ePn	59 45.79	2.0
			eS	01 13.10	
CCB	2.17	94	eP	59 44.14	0.1
RND	2.29	129	eP	59 46.54	0.6
GLM	2.32	85	eP	59 46.75	0.4
HUR	2.38	142	eP	59 47.27	0.1
TTA	2.41	217	eP	59 46.02	-1.7
			eS	00 19.72	
HDA	2.57	98	eP	59 50.65	0.7
SKT	2.97	168	eP	59 53.33	-2.2

16 obs. associated

? FEB 11, 1992 20h 33m 03.27± 6.67s
31.733 N ±52.0km 139.682 E ±27.1km
DEPTH = 103.4 ± 43.5 km
4.0mb (2 obs.)

SOUTH OF HONSHU, JAPAN (211)

IIDJ	4.02	339	eP	34 06.70	2.9
CHJJ	4.34	353	eP	34 08.60	0.4
KAKJ	4.48	5	eP	34 08.60	-1.5
MAT	4.95	346	eP	34 16.00	-0.6
			eS	35 51.00	
MTMJ	5.08	343	eP	34 22.20	3.7X
NIIJ	5.52	354	eP	34 28.20	3.7X
YAMJ	6.43	2	eP	34 35.70	-1.3
OFUJ	7.51	12	eP	34 47.10	-4.6X
BJI	20.73	300	eP	37 36.00	-1.2
CHTO	38.80	261	eP	40 19.50	-0.1
PDB	51.25	36	(P)	41 58.37	0.3
FBA	54.37	30	(P)	42 22.00	0.9
			e	42 27.00	
INK	59.76	25	eP	42 59.00	-0.1
MBC	62.00	15	eP	43 15.00	0.8
YKA	69.12	29	eP	43 59.20	-0.6
	1.0s		2.80nm		4.0mb
SES	77.17	38	eP	44 47.00	0.0
NB2	78.51	337	P	44 59.00	4.8X
	0.7s		1.90nm		4.0mb

S.D. = 1.3 on 13 of 17 obs.

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* FEB 11, 1992 20h 34m 49.25± 1.26s
0.753 S ± 8.6km 122.440 E ± 8.7km
DEPTH = 54.1 ± 12.6 km
5.0mb (6 obs.)
MINAHASSA PENINSULA, SULAWESI (265)

PCI	2.61	267	i(P)c	35 30.00	0.2
			iS	36 06.00	
TSM	6.78	318	ePc	36 27.00	-1.5
DAV	8.39	22	eP	36 52.00	1.1
KKM	9.18	317	ePc	37 05.40	3.6X
	1.0s		80.30nm		5.7mb
KSI	20.04	261	ePd	39 21.50	0.9
			e	40 20.00	
IPM	22.04	284	ePc	39 42.10	1.1
WB2	22.35	149	eP	39 43.90	-0.2
	0.8s		5.20nm		4.0mb
ASPA	25.35	155	iPd	40 12.40	-0.6
	0.5s		8.80nm		4.5mb
Z	21s		0.50um		4.0Msz
LZH	40.54	337	eP	42 31.50	6.4X
	1.4s		30.00nm		4.9mb
Z	20s		0.40um		4.3Msz
			pP	42 38.50	24kmX
			i	43 10.60	
BJI	41.00	353	eP	42 23.00	-5.6X
GUN	45.19	312	P	43 03.40	0.1
	0.7s		39.00nm		5.4mb
PKI	45.36	311	P	43 04.20	-0.5
KKN	45.58	311	P	43 05.80	-0.4
DMN	45.61	311	P	43 06.40	-0.1
GKN	46.17	311	P	43 10.80	0.0
	0.7s		20.00nm		5.2mb
HYB	46.83	295	eP	43 16.00	0.0
QUE	61.06	305	e(P)	45 03.70	3.4X

S.D. = 0.8 on 13 of 17 obs.

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* FEB 11, 1992 20h 42m 36.44± 0.63s
4.008 N ±12.1km 126.461 E ±21.4km
DEPTH = 33.0km (normal)
5.0mb (5 obs.)
TALAUD ISLANDS, INDONESIA (263)

MTN	17.37	165	eP	46 36.80	-1.3
KNA	19.76	173	eP	47 05.00	-1.8
WB2	25.03	162	iPd	47 58.10	-1.1
	1.0s		55.40nm		5.1mb
ASPA	28.45	166	iPd	48 30.50	-0.1
	0.7s		8.50nm		4.6mb
			eS	53 37.60	
WARB	30.01	180	eP	48 46.00	1.4
CHTO	30.65	301	eP	48 49.80	-0.5
BJI	37.06	347	eP	49 46.00	0.8
LZH	38.13	330	eP	49 54.50	0.0
	1.4s		19.00nm		4.8mb
Z	20s		0.40um		4.2Msz
			pP	49 59.50	17kmX
BWA	43.47	153	eP	50 40.80	2.5
BFD	43.63	161	eP	50 44.90	5.4X
	1.0s		34.00nm		5.1mb
CAN	44.48	153	eP	50 48.00	1.5
GUN	45.35	306	P	50 54.60	0.6

PKI 45.59 305 P 50 55.80 -0.1
KKN 45.78 306 P 50 57.40 0.1
DMN 45.85 305 P 50 58.40 0.5
GKN 46.39 305 P 51 02.20 0.2
YAK 57.93 2 eP 52 26.00 -1.5
1.0s 30.00nm 5.3mb
QUE 61.77 302 eP 52 45.10 -9.7X
KAF 91.23 332 eP 55 38.30 -1.1
S.D. = 1.2 on 17 of 19 obs.

? FEB 11, 1992 21h 52m 27.92±15.84s
39.235 N ±114.km 28.922 E ±17.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST 0.43 328 iPg 52 36.50 -0.3
KCT 1.10 337 iPg 52 49.00 0.4
iSg 53 03.00
IZI 1.18 21 ePn 52 50.00 0.0
YLV 1.37 14 ePn 52 53.00 -0.2
S.D. = 0.5 on 4 of 4 obs.

FEB 11, 1992 22h 11m 24.27± 0.24s
51.457 N ± 5.3km 174.613 W ± 2.8km
DEPTH = 52.1km (22 depth phases)
5.1mb (64 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)
ML 5.2 (PMR).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 17S, 27C
Centroid Location:
Origin Time 22:11:24.1 1.8
Lat 51.30N 0.15 Lon 174.23W 0.17
Dep 54.0 FIX Half-duration 1.3
Moment Tensor; Scale 10**16 Nm
Mrr= 2.71 0.29 Mtt=-2.54 0.38
Mff=-0.18 0.31 Mrt=-0.42 0.56
Mrf= 0.58 0.56 Mtf=-1.58 0.50
Principal Axes:
T Val= 2.93 Plg=73 Azm=240
N 0.40 17 63
P -3.33 1 333
Best Double Couple:Mo=3.1*10**16
NP1:Strike= 47 Dip=47 Slip= 66
NP2: 259 48 113

ADK 1.36 289 iPd 11 46.80 -0.4
SMY 7.07 285 eP 13 11.40 3.9X
SMY 7.07 285 eP 13 06.52 -1.0
SDN 9.28 60 eP 13 37.40 -0.7
ANM 14.00 17 P 14 43.80 2.5
PDB 14.18 46 eP 14 42.79 -0.9
KDC 14.24 55 eP 14 43.20 -1.2
SVW 14.25 40 eP 14 45.10 0.5
RSO 15.13 45 eP 14 56.69 0.5
TTA 15.21 34 eP 14 57.90 0.8
1.1s 43.70nm 4.6mb
SLKM 16.29 47 eP 15 08.11 -2.6X
PMS 16.88 45 eP 15 17.10 -1.1
PMR 17.21 44 eP 15 21.60 -0.6
1.0s 14.10nm 4.1mb X
Z 18s 1.40um 4.0Msz
IMA 18.08 28 eP 15 33.90 0.8
1.0s 21.40nm 4.2mb
KLU 18.60 46 eP 15 35.88 -3.5X
TOA 18.71 44 eP 15 39.70 -0.9
FBA 19.31 36 eP 15 47.20 -0.3
0.8s 18.00nm 4.4mb
BALM 20.12 49 eP 15 52.61 -3.7X
BRW 21.49 16 eP 16 09.03 -0.9
SIT 23.37 61 eP 16 28.19 -0.4
1.1s 40.57nm 4.8mb
YAK 31.32 311 eP 17 39.30 -1.9
0.9s 40.00nm 5.2mb
Z 18s 1.10um 4.6Msz
E 20s 0.90um
i 17 54.00 60km
i 20 33.00
i 20 47.00
e 28 10.00
i 28 28.00
MBC 32.57 21 ePd 17 51.90 -0.1
0.5s 2.00nm 4.2mb
YKA 33.27 47 eP 17 58.60 0.4
0.5s 1.00nm 3.9mb X
GMW 33.30 76 e(P) 17 59.75 1.0
epP 18 13.85 56km
LON 34.26 77 eP 18 08.17 1.1
epP 18 20.31 45km
NIIJ 35.46 265 iP+ 18 17.20 -0.1
DPW 35.92 73 eP 18 21.15 0.0
epP 18 35.01 53km
CHJJ 36.22 263 P 18 24.10 0.3
MAT 36.40 265 iPc 18 25.20 0.0
1.0s 28.00nm 5.1mb
(S) 24 06.00
IIDJ 37.26 263 P 18 33.40 0.9
SES 38.96 66 ePc 18 46.10 -0.5
pP 19 00.00 53km
CMB 39.88 88 eP 18 54.86 0.5
1.5s 34.94nm 5.0mb
epP 19 07.65 48km
LRM 40.36 73 eP 18 57.80 -0.7
e 19 12.00 55km
BONR 41.23 86 eP 19 06.71 1.0
epP 19 20.09 50km
TNP 41.82 85 eP 19 11.34 0.8
1.0s 10.36nm 4.5mb
BCH 41.85 91 e(P) 19 11.82 1.1
FFC 41.95 56 ePd 19 10.90 -0.2
0.8s 19.00nm 4.9mb
HVU 42.38 78 eP 19 14.95 -0.1
epP 19 28.35 50km
ISA 42.55 89 eP 19 20.00 3.6X
DUG 43.28 80 eP 19 22.25 -0.1
1.1s 19.35nm 4.8mb
epP 19 36.09 52km
SBB 43.59 90 eP 19 24.00 -0.8
MWC 43.74 90 eP 19 39.00 12.8X
DAU 44.11 79 eP 19 29.98 0.7
epP 19 43.60 51km
RVR 44.32 90 eP 19 30.00 -0.7
MSU 44.69 81 eP 19 33.73 -0.2
epP 19 47.33 51km
PLM 45.06 90 eP 19 49.00 12.2X
TPC 45.08 89 eP 19 44.00 7.2X
SRU 45.35 80 eP 19 39.25 0.2
e 19 44.09
epP 19 52.60 50km
IRK 47.54 305 eP 19 55.10 -0.9
1.1s 40.00nm 5.3mb
Z 16s 0.34um 4.4MszX
e 21 25.10 465kmX
e 21 40.20
LR 39 50.00
BJI 47.91 285 eP 19 59.00 0.1
1.3s 68.00nm 5.5mb
Z 20s 0.60um 4.6Msz
GOL 48.13 76 ePd 20 01.32 0.3
1.0s 3.26nm 4.3mb
epP 20 15.41 53km
SSE 50.62 272 P 20 19.50 -0.3
1.0s 54.00nm 5.5mb
i 20 22.00 8kmX
i 20 32.50
DAG 51.13 7 iPc 20 21.90 -1.2
0.7s 10.27nm 5.0mb
ACO 53.82 75 e(P) 20 44.00 0.3
LZH 57.86 289 eP 21 12.50 -0.5
1.5s 65.00nm 5.5mb
Z 20s 0.54um 4.7Msz
pP 21 25.00 44km
sP 21 31.00
pP 21 59.50
FVM 58.12 68 eP 21 12.32 -2.2
0.8s 17.06nm 5.2mb
ELC 59.29 68 ePc 21 20.75 -1.9
MIM 64.32 49 eP 21 55.59 -0.6
LVNJ 64.75 56 eP 21 58.50 -0.6
epP 22 15.67 64kmX
TBR 64.78 55 eP 21 59.01 -0.3
epP 22 15.97 63kmX
CVL 64.84 60 eP 21 59.60 -0.2
e 22 07.47 25kmX
PNJ 64.99 55 iP 22 00.90 0.3
KAF 65.56 349 iP 22 02.10 -1.9
0.7s 13.70nm 5.1mb
CEH 66.02 62 e(P) 22 06.62 -0.7
0.5s 7.88nm 5.0mb
KMI 66.30 281 Pc 22 09.50 0.0
1.5s 70.00nm 5.5mb
sP 22 23.50
NUR 67.32 350 iP 22 13.50 -1.7
0.7s 22.20nm 5.3mb
NB2 67.76 357 P 22 17.00 -1.0
0.9s 12.40nm 4.9mb
HFS 68.56 356 eP 22 21.50 -1.4
0.5s 15.30nm 5.2mb
UPP 68.60 353 iP 22 22.10 -1.0
OBN 70.68 342 eP 22 34.00 -1.9
e 22 56.00 84kmX
SHL 72.53 289 iPc 22 47.00 -0.7
1.0s 100.00nm 5.7mb
eS 32 11.00
EKA 73.34 5 Pd 22 51.70 0.0
0.9s 16.90nm 5.0mb
GUN 74.23 295 Pc 22 58.60 0.8
KKN 74.66 295 Pc 23 00.40 0.3
PKI 74.76 295 Pc 23 01.00 0.2
GKN 74.86 296 Pc 23 01.80 0.6
DMN 74.90 295 Pc 23 02.20 0.7
CLL 77.41 355 iPc 23 14.00 -0.8
0.9s 20.00nm 5.1mb
i 23 29.50 55km
KSP 77.66 353 iP 23 15.90 -0.4
BRG 77.79 354 iP 23 16.80 -0.2
0.8s 24.00nm 5.3mb
UCC 78.12 1 Pc 23 18.30 -0.4
MOX 78.14 356 eP 23 18.80 -0.1
1.3s 25.00nm 5.1mb
e 23 35.10 58km
ENN 78.15 360 eP 23 19.00 0.1
1.0s 42.00nm 5.4mb
e 23 35.00 57km
MEM 78.31 360 iPc 23 19.91 0.1
SNF 78.41 1 iPc 23 21.33 1.0
PRU 78.63 354 P 23 21.60 0.0
DOU 78.82 1 Pd 23 22.30 -0.3
GRF 79.11 356 iPc 23 25.10 0.9
1.1s 46.00nm 5.3mb
epP 23 40.80 56km
WLF 79.26 359 iPc 23 26.00 1.1
KHC 79.55 355 iPc 23 27.00 0.3
1.0s 10.70nm 4.7mb
e 23 42.50 55km
e 24 40.00
GEC2 79.83 354 Pd 23 26.80 -1.4
0.7s 4.19nm 4.5mb
FLN 80.03 4 eP 23 29.20 0.0
1.0s 40.00nm 5.3mb
Z 22s 0.10um 4.1Msz
LDF 80.22 4 iPc 23 30.20 0.0
0.9s 31.10nm 5.2mb
ZST 80.22 352 iP 23 30.60 0.4
0.7s 11.90nm 4.9mb
GRR 80.39 4 iPc 23 31.20 0.1
1.0s 52.00nm 5.4mb
CDF 80.50 359 eP 23 32.20 0.4
1.0s 24.00nm 5.1mb
MAIO 80.59 318 eP 23 33.00 0.5
LPF 80.74 4 iPc 23 33.40 0.5
0.8s 24.20nm 5.2mb
HAU 80.91 359 eP 23 34.20 0.3
1.0s 32.00nm 5.2mb
Z 22s 0.13um 4.2Msz
BSF 81.08 359 eP 23 35.00 0.1
0.9s 22.95nm 5.1mb
KBA 81.61 355 iPc 23 38.10 0.4
0.9s 23.20nm 5.2mb
i 23 51.80 47km
LOR 81.65 1 iPc 23 38.30 0.6
0.8s 21.50nm 5.2mb
Z 22s 0.15um 4.3Msz
SSF 81.85 1 iPc 23 39.30 0.5
0.8s 29.55nm 5.3mb
LBF 81.93 1 iPc 23 39.40 0.1
0.8s 14.10nm 5.0mb
AVF 82.12 1 iPc 23 40.70 0.6
0.9s 27.85nm 5.3mb
MFF 82.21 4 iPc 23 41.40 0.8
0.8s 26.85nm 5.3mb
SMF 82.27 1 iPc 23 41.40 0.4
1.0s 40.00nm 5.4mb
QUE 82.40 310 iPc 23 43.20 1.0
1.0s 67.50nm 5.6mb
eS 34 15.70
TCF 82.60 2 iPc 23 43.10 0.4
0.9s 18.00nm 5.1mb
LSF 82.62 3 iPc 23 43.00 0.2
0.8s 32.25nm 5.4mb

11d 22h

MAF 82 67 2 eP 23 43.80 0.7
0.8s 12.10nm 5.0mb
VB› 83.04 353 eP 23 44.30 -0.7
LPL 83.40 359 eP 23 48.40 1.3
0.8s 5.35nm 4.6mb
LPG 83.42 359 eP 23 48.90 1.6
1.0s 10.00nm 4.8mb
BNI 83.87 359 Pc 23 51.30 1.9
LFF 83.90 3 iPc 23 50.10 0.8
1.2s 47.60nm 5.4mb
WB2 83.94 227 eP 23 48.90 -0.9
1.3s 2.70nm 4.1mb X
WRA 83.94 227 P 23 49.20 -0.6
0.6s 1.50nm 4.2mb
CAF 83.96 2 iPc 23 50.50 0.8
1.1s 24.40nm 5.1mb
BOB 84.09 357 Pc 23 51.50 1.1
LPO 84.17 3 iPc 23 51.40 0.7
1.2s 53.55nm 5.5mb
CDR 85.25 360 ePc 23 57.10 1.0
FRF 85.36 359 eP 23 57.50 0.8
1.2s 23.80nm 5.2mb
LMR 85.59 359 eP 23 58.60 0.8
1.2s 23.80nm 5.2mb
EPF 85.79 4 eP 23 59.10 0.2
1.0s 12.00nm 5.0mb
SKO 85.91 348 eP 24 00.50 1.0
MNS 86.32 355 P 24 00.00 -1.6
VAY 86.40 347 iP 24 03.30 1.4
HYB 86.61 294 iPc 24 03.10 -0.2
1.0s 70.00nm 5.8mb
e 24 17.00 47km
SDI 86.93 354 P 24 04.70 0.2
ASPA 87.37 226 iPd 24 06.90 0.2
1.0s 8.00nm 4.9mb
MGR 88.35 352 P 24 11.50 0.2
POO 88.37 298 iPc 24 10.50 -1.3
1.2s 78.13nm 5.8mb
STK 91.48 216 eP 24 42.80 17.1X
0.9s 1.20nm
BUL 143.83 321 iPKPd 30 52.70 -2.6X
SLR 148.95 317 iPKPc 31 08.20 4.6X
0.7s 30.82nm
WIN 149.76 338 iPKPc 31 10.50 5.5X
1.0s 40.00nm
SEK 151.49 316 iPKPd 31 15.10 7.7X
0.6s 30.00nm
BLF 152.79 317 iPKPc 31 16.00 6.8X
0.9s 23.08nm
FRS 153.72 318 iPKPd 31 12.70 2.5X
0.7s 13.70nm
i 31 26.20
S.D. = 0.9 on 125 of 140 obs.

FEB 11, 1992 22h 32m 26.38± 0.33s
51.521 N ± 7.2km 174.613 W ± 3.7km
DEPTH = 47.3km (12 depth phases)
5.0mb (50 obs.) 4.6Msz (2 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)
ML 4.9 (PMR).

ADK 1.34 287 iPd 32 48.35 -0.6
SMY 7.05 284 eP 34 10.60 1.1
SDN 9.25 60 eP 34 38.02 -1.9
ANM 13.94 17 eP 35 44.63 1.8
PDB 14.14 46 eP 35 46.34 0.9
SVW 14.20 40 eP 35 46.58 0.3
0.9s 9.76nm 4.4mb
KDC 14.21 55 eP 35 45.69 -0.6
KDC 14.21 55 eP 35 49.00 2.7
TTA 15.16 34 eP 35 59.70 0.9
1.0s 26.51nm 4.4mb
PMS 16.84 45 eP 36 19.70 -0.3
PMR 17.17 44 eP 36 21.50 -2.6
Z 18s 1.00um
IMA 18.03 28 ePc 36 34.79 0.0
1.4s 341.52nm 5.3mb
KLU 18.56 46 eP 36 38.38 -2.9
FBA 19.26 36 eP 36 48.90 -0.5
BALM 20.08 49 eP 36 56.74 -1.6
BRW 21.43 16 eP 37 11.25 -0.6
INK 25.86 34 eP 37 54.00 -0.7
MBC 32.51 21 eP 38 54.00 -0.1
LON 34.25 77 eP 39 11.04 1.5
PNT 34.42 72 eP 39 12.00 1.0
0.9s 16.00nm 4.9mb
DPW 35.90 73 (P) 39 24.03 0.4
epP 39 37.16 49km
MAT 36.40 264 iPc 39 27.50 -0.4
1.0s 17.00nm 4.9mb
eS 45 03.00
SES 38.93 66 eP 39 48.00 -1.0
HPI 41.09 76 (P) 40 10.13 3.0
epP 40 21.07 39km
BONR 41.22 86 eP 40 08.67 0.3
epP 40 21.57 48km
TNP 41.82 86 eP 40 12.56 -0.6
1.2s 10.96nm 4.5mb
epP 40 23.67 39km
FFC 41.91 56 eP 40 13.00 -0.4
0.6s 11.00nm 4.8mb
PTI 42.00 76 eP 40 15.53 1.1
epP 40 28.55 49km
HVU 42.37 78 eP 40 17.53 0.0
DUG 43.27 80 eP 40 24.68 -0.2
1.1s 11.61nm 4.5mb
DAU 44.10 79 eP 40 31.65 -0.2
epP 40 45.05 50km
MSU 44.69 81 eP 40 35.20 -1.3
PLM 45.07 91 (P) 40 39.50 0.0
BJI 47.89 285 eP 41 01.00 -0.4
1.5s 59.00nm 5.4mb
Z 20s 0.42um 4.4Msz
GOL 48.12 76 eP 41 03.21 -0.3
1.0s 1.87nm 4.1mb
epP 41 17.32 53km
SSE 50.61 272 Pc 41 21.80 -0.6
1.0s 36.00nm 5.3mb
ACO 53.80 75 e(P) 41 45.50 -0.7
LZH 57.84 289 eP 42 15.00 -0.5
1.6s 73.00nm 5.5mb
Z 20s 0.84um 4.8Msz
N 15s 0.65um
KEV 58.01 351 eP 42 14.00 -2.0
PNJ 64.95 55 iP 43 03.10 0.0
KAF 65.50 349 iP 43 04.60 -1.7
0.6s 7.90nm 4.9mb
KMI 66.29 281 Pd 43 13.00 0.9
pP 43 25.00 41km
NUR 67.25 350 iP 43 15.40 -2.0
NB2 67.69 357 P 43 19.00 -1.3
0.9s 11.90nm 4.9mb
HFS 68.50 356 eP 43 23.40 -1.8
0.4s 6.40nm 5.0mb
Z 15s 0.14um 4.3MszX
LR 16 02.00
UPP 68.54 353 iP 43 24.10 -1.3
SHL 72.50 289 iPc 43 49.50 -0.7
1.0s 67.00nm 5.5mb
eS 53 13.50
EKA 73.28 5 P 43 54.00 0.0
1.1s 22.10nm 5.0mb
GUN 74.20 295 Pc 44 01.00 0.7
KKN 74.63 295 Pc 44 02.00 -0.6
PKI 74.73 295 Pc 44 03.40 0.1
GKN 74.83 296 Pc 44 04.00 0.3
DMN 74.87 295 Pc 44 04.40 0.4
WTS 76.85 359 eP 44 15.00 0.6
1.0s 13.00nm 4.9mb
CLL 77.34 355 iPc 44 16.30 -0.9
0.8s 15.00nm 5.1mb
KSP 77.59 353 iP 44 18.30 -0.3
BRG 77.72 354 iPc 44 18.70 -0.6
MOX 78.07 356 eP 44 21.60 0.4
1.1s 20.00nm 5.1mb
MEM 78.25 360 Pc 44 22.40 0.3
SNF 78.34 1 P 44 23.50 0.9
NDI 78.37 302 eP 44 23.00 -0.2
PRU 78.57 354 eP 44 24.30 0.3
DOU 78.76 1 Pd 44 25.30 0.3
GRF 79.04 356 ePc 44 27.40 0.8
1.1s 36.00nm 5.2mb
WLF 79.19 359 P 44 28.00 0.7
KHC 79.48 355 iPc 44 29.50 0.5
1.0s 6.00nm 4.5mb
e 44 45.00 55km
e 45 15.00
GEC2 79.76 354 Pc 44 29.50 -1.1
0.8s 3.12nm 4.3mb
FLN 79.97 4 iPc 44 31.50 0.0
1.0s 22.00nm 5.1mb
LDF 80.15 4 iPc 44 32.60 0.1
0.9s 21.30nm 5.1mb
ZST 80.16 352 eP 44 32.70 0.1
GRR 80.33 4 iPc 44 33.90 0.5
0.8s 21.50nm 5.1mb
CDF 80.43 359 iPc 44 34.70 0.6
0.8s 10.75nm 4.8mb
MAIO 80.54 318 eP 44 35.00 0.1
LPF 80.67 4 iPc 44 35.90 0.6
0.8s 18.80nm 5.1mb
HAU 80.85 359 iPc 44 36.90 0.6
0.8s 13.45nm 4.9mb
BSF 81.02 359 iPc 44 37.50 0.2
0.6s 10.80nm 5.0mb
KBA 81.54 355 iPd 44 40.40 0.3
i 44 54.50 49km
LOR 81.58 1 iPc 44 40.50 0.4
0.9s 19.65nm 5.1mb
SSF 81.79 1 iPc 44 41.70 0.6
0.6s 11.70nm 5.1mb
LBF 81.87 1 iPc 44 41.90 0.3
0.8s 9.40nm 4.9mb
AVF 82.05 1 iPc 44 43.00 0.5
0.8s 14.80nm 5.1mb
MFF B2.14 4 iPc 44 43.80 0.8
0.9s 22.95nm 5.2mb
BGF 82.28 2 iPc 44 44.50 0.8
1.0s 19.00nm 5.1mb
QUE 82.36 310 eP 44 45.50 0.9
1.0s 44.00nm 5.4mb
e(S) 55 18.90
TCF 82.53 2 iPc 44 45.50 0.4
0.6s 5.40nm 4.8mb
LSF 82.55 3 iPc 44 45.60 0.5
0.6s 13.10nm 5.1mb
MAF 82.61 2 iPc 44 46.50 1.1
0.8s 9.40nm 4.9mb
LPL 83.34 359 eP 44 50.30 0.8
1.0s 4.00nm 4.4mb
LPG 83.36 359 eP 44 50.30 0.6
1.0s 6.00nm 4.6mb
RJF 83.50 3 eP 44 50.60 0.6
1.2s 17.85nm 5.0mb
LFF 83.84 3 eP 44 52.70 1.0
1.0s 22.00nm 5.2mb
CAF 83.89 2 eP 44 53.00 0.9
1.2s 17.85nm 5.0mb
WRA 83.98 227 P 44 51.30 -1.4
0.5s 1.20nm 4.2mb
LPO 84.11 3 eP 44 53.90 0.8
1.2s 29.75nm 5.2mb
SKO 85.84 348 iP 45 02.60 0.7
i 45 17.70 52km
VAY 86.33 347 iP 45 05.40 1.1
HYB 86.59 294 ePc 45 05.70 -0.2
1.0s 35.00nm 5.5mb
e 45 19.00 45km
ASPA 87.42 226 iPd 45 09.10 -0.5
0.8s 6.40nm 4.9mb
POO 88.33 298 iPc 45 12.00 -2.3
1.2s 65.63nm 5.8mb
BUL 143.78 321 iPKPc 51 55.30 -2.7X
SLR 148.91 317 iPKPd 52 10.70 4.4X
0.7s 23.97nm
WIN 149.70 338 iPKPd 52 13.40 5.8X
0.5s 21.13nm
SEK 151.45 316 iPKPc 52 17.20 7.2X
0.6s 20.00nm
BLF 152.75 317 iPKPc 52 19.00 7.1X
FRS 153.67 318 iPKPd 52 28.20 15.3X
0.8s 41.04nm
S.D. = 1.0 on 99 of 105 obs.

% FEB 11, 1992 22h 50m 18.59± 2.54s
17.738 N ±10.8km 95.026 W ±24.2km
DEPTH = 33.0km (normal)
OAXACA, MEXICO (60)

PBJ 1.34 196 iP 50 41.00 -0.2
iS 50 57.00
OXX 1.75 248 iP 50 47.50 0.2
iS 51 11.00
LVVM 2.40 326 iP 50 56.50 0.1
(S) 51 26.00
IISM 2.56 299 iP 50 59.25 0.6
iS 51 30.00
IIT 3.37 293 eP 51 10.00 -0.4
eS 51 43.00
PPM 3.67 292 iP 51 15.50 0.7
iS 51 49.00

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III      4.27 279 eP     51 21.00  -2.2
ACX      4 70 260 iP     51 30.25   1.2
      S.D  = 1.2  on    8 of   8 obs.
-----------------------------------------
&  FEB  11, 1992  23h 00m 17.17s
   63.465 N            151.107 W
   DEPTH =  12.1km
 CENTRAL ALASKA                        (  1)
      <AEIC>. ML 3.4 (AEIC), 3.6
      (PMR).

KTH      0.12  43 iPc    00 20.34  -0.2
TRF      0.37  92 iPc    00 24.74  -0.2
HUR      0.83 126 ePd    00 32.56  -0.4
                  eS    00 44.67
MCK      1.01  74 ePc    00 36.07   0.0
                  eS    00 51.49
RND      1.02  92 iPd    00 35.93  -0.3
BWN      1.02  45 iPc    00 37.15   0.9
CUT      1.13 160 iPd    00 37.95  -0.2
NEA      1.43  38 ePc    00 41.45  -1.4
                  eS    01 01.20
SKT      1.50 188 iPd    00 43.78  -0.1
                  eS    01 03.65
MLY      1.58   6 ePc    00 44.18  -0.9
                  eS    01 06.03
WRH      1.67  51 ePc    00 45.05  -1.3
                  eS    01 10.81
CCB      1.88  49 iPc    00 47.81  -1.5
                  eS    01 11.65
PWA      1.91 162 eP     00 49.90   0.2
GHO      1.98 148 eP     00 50.41  -0.4
                  eS    01 16.95
SUA      2.02 175 ePd    00 51.23  -0.2
                  eS    01 18.99
FBA      2.04  44 eP     00 50.70  -1.0
HDA      2.06  61 eP     00 50.96  -1.1
PLRM     2.09 153 ePd    00 52.43   0.0
                  eS    01 19.96
PMR      2.09 153 iPc    00 53.10   0.7
SML      2.10 141 ePd    00 52.08  -0.5
                  eS    01 21.11
NCG      2.13 194 eP     00 52.99  -0.1
GLM      2.23  45 eP     00 52.84  -1.7
CRP      2.26 193 eP     00 55.21   0.2
TTA      2.29 259 eP     00 56.42   1.1
BGL      2.29 196 eP     00 55.77   0.4
CKN      2.30 193 eP     00 56.03   0.5
SPU      2.33 191 eP     00 56.17   0.2
PMS      2.34 161 eP     00 56.60   0.5
CKL      2.35 195 eP     00 56.86   0.6
KNK      2.40 148 eP     00 57.32   0.4
BKG      2.46 193 eP     00 58.53   0.7
PAX      2.60  98 eP     01 00 56   0.8
TOA      2.65 119 eP     01 01.50   1.1
SDG      2.71 108 eP     01 01.65   0.4
IMA      2.84 338 eP     01 02 29  -1.0
RDT      2.97 192 eP     01 06 16   1.2
DFR      2.98 195 eP     01 05 34   0.2
TZL      2.98 116 eP     01 04 69  -0.3
SLKM     3.00 172 eP     01 06 13   0.8
REF      3.08 195 eP     01 07 67   1.0
RS2      3 11 195 eP     01 07 28   0.2
RSO      3 11 195 eP     01 08 22   1.1
RS1      3.12 195 eP     01 07 46   0.3
KLU      3.12 127 eP     01 07 89   0.8
                  eS     01 48 14
RED      3.16 195 eP     01 08 16   0.4
SVW      3 17 224 eP     01 09 20   1.4
PRP      3.18  47 eP     01 07 55  -0.4
GLI      3.21 142 eP     01 08 97   0.7
VZW      3.22 137 eP     01 09 16   0.6
FID      3.49 139 eP     01 12 95   0.7
INE      3.54 196 eP     01 15 11   1.9
INW      3.54 197 eP     01 13.46   0.3
BRLK     3.72 178 eP     01 17.07   1.5
MTU      3.86 153 eP     01 17.15  -0.4
GLB      3.95 118 eP     01 19.56   0.7
CNPM     3.95 181 eP     01 19.69   0.8
PDB      3.97 203 eP     01 19.32   0.2
SGAM     4.07 134 eP     01 20.60   0.1
CROM     4.62 122 eP     01 29.12   0.5
TGL      4.74 121 eP     01 30.29   0.1
BALM     4.77 117 eP     01 30.25  -0.3
CTGM     5.21 114 eP     01 37.43   0.5
YAH      5.41 121 eP     01 39.00  -0.7
INK      8.66  48 P      02 22.00  -3.0
```

```
         0.6s      1.00nm          4.3mb X
YKA     16.47  77 eP     04 11.00   1.8
         0.7s      0.50nm          2.8mb
         65 obs. associated
-----------------------------------------
?  FEB  11, 1992  23h 02m 15.71± 0.84s
   10.641 N ±25.4km   85.415 W ±38.0km
   DEPTH =  33.0km  (normal)
   4.1mb (  4 obs.)  3.8Msz (  1 obs.)
 COSTA RICA                          ( 78)

MEO     26.87 335 iPd    07 56.50   1.1
ANMO    30.87 325 ePc    08 31.30  -0.3
         1.0s      3.25nm          4.1mb
                    e     08 39.00
ZOBO    31.76 147 eP     08 40.00   0.0
      Z  20s      0.20um          3.8Msz
                   LR     20 06.00
SRU     36.12 326 eP     09 15.91  -1.0
TNP     39.47 319 (P)    09 45.10   0.1
         0.6s      1.11nm          3.8mb
BONR    40.10 318 (P)    09 51.17   0.8
                    e     10 02.15
LRM     41.97 332 eP     10 04.90  -0.7
FFC     45.89 347 eP     10 37.00   0.3
         0.6s      5.00nm          4.6mb
YKA     55.88 344 eP     11 51.30  -1.0
         0.8s      1.40nm          4.0mb
INK     65.52 342 ePd    12 58.40   0.7
WRA    140.64 252 PKP    21 53.20   8.6X
         0.7s      0.50nm
      S.D. = 0.8  on  10 of  11 obs.
-----------------------------------------
&  FEB  11, 1992  23h 19m 06.24s
   61.706 N            150.087 W
   DEPTH =  33.4km
 SOUTHERN ALASKA                       (  2)
      <AEIC>. ML 2.7 (AEIC), 3.0
      (PMR).

PWA      0.11 119 iPd    19 12.90   0.7
SUA      0.40 233 iPd    19 15.12  -0.4
                   eS    19 22.83
PMR      0.47 104 eP     19 15.90  -0.5
PLRM     0.47 104 iPc    19 15.37  -1.0
                   eS    19 23.31
PMS      0.53 151 iPd    19 16.50  -0.8
GHO      0.56  83 ePc    19 16.94  -0.8
                   eS    19 26.36
CUT      0.71 353 iPc    19 18.86  -0.9
                   eS    19 28.51
SKT      0.74 293 iPc    19 19.05  -1.2
                   eS    19 29.65
KNK      0.83 110 ePc    19 20.70  -0.9
                   eS    19 32.63
SML      0.84  82 ePc    19 20.55  -1.1
                   eS    19 32.05
SPU      1.08 242 ePc    19 24.20  -1.0
                   eS    19 38.43
CRP      1.09 247 ePc    19 24.63  -0.7
CKN      1.12 245 ePc    19 25.59  -0.1
BGL      1.19 249 ePc    19 26.12  -0.6
CKL      1.20 246 ePc    19 26.15  -0.7
SLKM     1.20 183 eP     19 25.96  -0.9
                   eS    19 42.22
HUR      1.29   9 iPd    19 28.16   0.0
                   eS    19 45.50
RDT      1.60 226 ePd    19 32.00  -0.6
GLI      1.67 119 iPc    19 32.25  -1.3
                   eS    19 53.46
DFR      1.68 230 eP     19 33.38  -0.5
TRF      1.75 357 ePc    19 34.50  -0.5
                   eS    19 56.57
REF      1.76 227 eP     19 34.66  -0.4
NNL      1.77 200 eP     19 35.12   0.1
RSO      1.80 227 ePc    19 35.18  -0.5
RND      1.80  18 eP     19 35.25  -0.3
RS2      1.80 227 eP     19 35.32  -0.3
RS1      1.80 227 eP     19 35.24  -0.4
VZW      1.82 109 eP     19 35.00  -0.8
RED      1.84 226 eP     19 35.42  -0.7
                   eS    19 59.34
KTH      1.89 349 ePc    19 36.64  -0.3
TOA      1.90  76 eP     19 38.00   1.1
BRLK     1.99 192 eP     19 38.31   0.1
FID      1.99 117 eP     19 36.30  -1.9
KLU      2.00  94 iPc    19 37.27  -1.2
```

```
MTU      2.10 144 eP     19 38.42  -1.3
MCK      2.10  14 eP     19 40.04   0.2
INE      2.20 223 eP     19 40.97  -0.3
TZL      2.24  79 eP     19 41.80   0.1
CNPM     2.26 195 eP     19 41.64  -0.4
SDG      2.29  67 eP     19 42.89   0.4
BWN      2.49   6 eP     19 46.77   1.4
PAX      2.50  57 eP     19 46.11   0.6
SGAM     2.66 115 eP     19 45.16  -2.5
SVW      2.73 260 P      19 46.40  -2.3
PDB      2.79 228 eP     19 48.10  -1.4
GLB      3.01  92 eP     19 52.17  -0.6
TTA      3.03 297 eP     19 51.70  -1.3
HDA      3.06  26 eP     19 53.17  -0.2
CCB      3.13  18 eP     19 53.61  -0.7
MLY      3.35 355 eP     19 54.21  -3.4
FBA      3.37  17 eP     19 57.40  -0.4
MDM      3.37  14 eP     19 56.93  -0.9
CROM     3.49 103 eP     19 59.39  -0.3
GLM      3.51  19 eP     19 59.10  -0.8
TGL      3.64 102 eP     20 00.62  -1.0
BALM     3.79  97 eP     20 02.45  -1.3
CTGM     4.28  96 eP     20 10.41  -0.5
IMA      4.66 342 eP     20 14.90  -1.3
      58 obs. associated
-----------------------------------------
   FEB  11, 1992  23h 56m 09.65± 0.32s
   22.625 S ± 5.8km   67.459 W ± 6.8km
   DEPTH = 179.4km  (  3 depth phases)
   4.8mb (  6 obs.)
 CHILE-BOLIVIA BORDER REGION       (124)

ANT      2.93 248 iP     56 56.00  -1.8
                  iS     57 25.00
ZOBO     6.34 354 iPc    57 41.00  -1.5
RTCB     8.91 187 eP     58 14.50  -1.4
CFA      8.97 184 ePc    58 14.70  -2.0
MDZ     10.29 187 eP     58 35.20   1.2
PEL     10.86 195 eP     58 41.50   0.2
NNA     13.85 318 eP     59 18.50  -1.3
                  eS     01 44.50
PPD     14.95  91 eP     59 33.10  -0.3
                   e     59 36.20
VAO     18.90  95 iPc    00 18.20  -0.8
                   e     00 21.60
                   e     00 30.80
BAO     19.65  73 Pc     00 25.70  -1.2
                   e     00 30.50  19kmX
BMA     21.51  95 eP     00 45.40   0.2
JSC     58.09 347 ePd    05 45.15  -1.1
PWLA    60.53 341 ePc    06 00.86  -2.2
LIC     67.42  73 P      06 47.60  -0.6
TIC     67.62  72 P      06 48.90  -0.5
KIC     67.74  73 P      06 49.20  -1.0
         0.8s     27.00nm          5.1mb
ALQ     68.17 326 ePd    06 52.96   0.3
         0.8s     13.42nm          4.8mb
                   pP     07 35.35 178km
ANMO    68.17 326 ePd    06 52.80   0.1
         1.0s     15.75nm          4.7mb
                   pP     07 35.00 177km
TPC     72.93 319 eP     07 21.00  -0.1
SRU     73.45 326 ePd    07 24.47   0.3
RVR     73.65 319 eP     07 26.00   0.8
MSU     73.87 325 ePd    07 27.34   0.7
                   pP     08 11.52 183km
EMUT    74.13 327 eP     07 29.06   0.9
SBB     74.40 319 eP     07 29.00  -0.6
DAU     74.80 327 ePd    07 32.83   0.7
ISA     75.44 319 eP     07 36.00   0.5
BONR    76.88 321 ePc    07 45.14   1.3
WIN     76.88 109 iPd    07 45.00   0.9
         1.0s     23.00nm          4.9mb
LRM     79.42 330 eP     07 58.20   0.8
ORV     79.81 321 eP     08 00.56   1.2
SES     82.27 334 eP     08 12.00   0.0
FFC     82.53 341 eP     08 13.00  -0.1
         1.0s     12.00nm          4.6mb
BUL     87.76 111 iPc    08 41.60   1.6
YKA     92.69 340 eP     09 01.80   0.1
         0.7s      3.90nm          4.7mb
ASPA   129.52 206 iPKPd  14 59.70   0.5
         1.4s      4.70nm
WRA    132.64 208 PKP    15 06.40   1.2
         0.5s      2.10nm
HYB    147.69  93 ePKP   15 35.00   2.9
                   i     15 46.00
```

12d 00h

```
GKN   154.24  72 PKP   16 00.00  18.3X
     S.D  = 1.2  on  37 of  38 obs.
-------------------------------------
   FEB  12, 1992  00h 52m 01.74± 0.63s
   42.009 N ± 5.1km   23.258 E ± 5.7km
   DEPTH =  10.0km  (geophysicist)
 BULGARIA                          (359)
      MD 2.9 (THE).

MMB      0.55 140 iPg   52 12.00  -0.8
VTS      0.58 356 iPgc  52 13.00  -0.7
VAY      0.86 217 iPn   52 18.00  -0.3
                  iSn   52 29.00
                  iSg   52 32.70
                  Lg    52 34.00
PGB      0.86  51 iPgc  52 17.00  -1.4
KNT      0.89 198 ePg   52 17.86  -0.9
                  eSg   52 28.86
SRS      0.93 164 ePg   52 18.72  -0.7
                  eSg   52 30.78
PLD      1.08  84 ePg   52 23.00   1.0
RZN      1.14 106 ePg   52 23.00  -0.1
SOH      1.19 177 ePg   52 23.50  -0.4
                  eSg   52 39.69
GRG      1.23 212 ePg   52 24.62  -0.1
                  eSg   52 40.34
THE      1.39 189 ePb   52 27.13   0.0
                  eSb   52 45.34
KDZ      1.65 102 eP    52 33.00   2.1
OUR      1.76 162 ePb   52 32.34  -0.1
                  eSb   52 54.78
FNA      1.87 230 ePb   52 36.50   2.4
                  eSb   53 00.54
PVL      1.95  51 iP    52 35.00  -0.2
PAIG     2.10 171 ePn   52 36.97  -0.5
ALN      2.37 117 ePn   52 41.97   0.7
                  eSn   53 12.02
     S.D. = 1.1  on  17 of  17 obs.
-------------------------------------
   FEB  12, 1992  01h 02m 04.53± 0.21s
   51.408 N ± 4.9km  177.980 E ± 2.8km
   DEPTH =  51.2km  ( 44 depth phases)
   5.0mb ( 71 obs.)
 RAT ISLANDS, ALEUTIAN ISLANDS   (  6)
      ML 5.4 (PMR). Felt (II) on
      Amchitka.
      CENTROID, MOMENT TENSOR     (HRV)
      Data Used: GDSN
      L.P.B.: 27S, 51C
      Centroid Location:
      Origin Time        01:02: 3.9 0.6
      Lat 51.48N 0.05 Lon 178.04E 0.10
      Dep  15.0 FIX Half-duration  1.4
      Moment Tensor;   Scale 10**16 Nm
        Mrr= 6.00 0.24  Mtt=-4.97 0.29
        Mff=-1.03 0.21  Mrt= 1.43 0.98
        Mrf= 0.48 1.04  Mtf=-1.87 0.32
       Principal Axes:
        T  Val=  6.19  Plg=83  Azm=338
        N        -0.28       0       248
        P        -5.90       7       158
       Best Double Couple:Mo=6.0*10**16
        NP1:Strike=248 Dip=38 Slip=  90
        NP2:        68      52       90

SMY      2.73 300 eP    02 46.40  -0.5
ADK      3.36  80 eP    02 56.10   0.4
SDN     13.42  65 eP    05 12.60  -1.4
ANM     15.79  27 P     05 51.20   6.5X
SVW     17.46  46 eP    06 07.80   2.1
PDB     17.70  51 eP    06 09.49   0.8
                  e     06 25.09
TTA     18.06  40 eP    06 14.80   1.7
KDC     18.15  58 eP    06 12.10  -2.0
RSO     18.58  49 ePd   06 19.88   0.2
IMA     20.51  34 eP    06 41.10   0.5
        0.9s   129.30nm          5.3mb
PMR     20.58  48 eP    06 40.10  -1.1
        0.8s    54.20nm          4.9mb
      Z  18s     2.90um          4.7Msz
KLU     22.06  49 eP    06 56.25   0.1
TOA     22.07  47 eP    06 56.80   0.6
FBA     22.18  39 eP    06 58.20   0.9
        0.9s    73.70nm          5.1mb
BRW     22.99  21 P     07 05.90   0.8
BALM    23.71  51 eP    07 11.00  -1.3
YAK     27.86 311 iPc   07 48.80  -2.1
        1.0s   151.00nm          5.6mb
      Z  19s     1.80um          4.7Msz
      N  16s     0.80um
      E  18s     1.50um
                 ipP    08 15.00 122kmX
                 iPP    08 41.00
                 ePPP   09 06.00
                 iS     12 30.00
                 isS    12 59.00
                 eSSS   14 22.00
INK     28.60  36 eP    07 57.00  -0.4
        0.7s    25.00nm          5.0mb
MAT     31.81 258 eP    08 21.00  -5.2X
        1.0s    20.00nm          4.9mb
                 (S)    13 30.00
MBC     34.34  22 ePc   08 47.60  -0.1
        0.9s    55.00nm          5.5mb
YKA     36.67  46 eP    09 07.20  -0.3
        0.5s     6.10nm          4.8mb
GMW     37.77  72 eP    09 17.34   0.3
RMW     38.40  71 P     09 25.30   2.9
LON     38.74  72 eP    09 26.41   1.2
SHW     38.76  73 eP    09 27.94   2.4
PNT     38.80  68 eP    09 25.00  -0.7
        0.6s    31.00nm          5.3mb
VGB     39.99  74 eP    09 36.30   0.8
                 epP    09 53.81  71kmX
DPW     40.32  69 eP    09 37.42  -0.8
                 epP    09 52.59  59km
                 ePcP   11 56.66
NEW     40.76  68 P     09 40.00  -1.8
        1.0s    38.00nm          5.1mb
LBFM    41.59  80 ePc   09 50.14   1.2
WDC     41.63  81 eP    09 50.37   1.3
                 epP    10 03.25  48km
LTCM    42.11  81 eP    09 54.01   1.1
                 epP    10 07.45  51km
MIN     42.35  81 iPc   09 55.57   0.5
ORV     42.88  81 ePc   09 59.50   0.2
SES     43.15  62 eP    10 00.00  -1.3
BJI     43.39 280 eP    10 03.00  -0.3
        2.0s   128.00nm          5.3mb
      Z  22s     0.93um          4.6Msz
      N  16s     0.58um
                 esP    10 14.00
                 ePcP   11 50.00
                 eS     16 28.00
                 eS     19 34.00
ZSP     43.39  84 ePc   10 03.97   0.6
PCC     43.59  84 eP    10 04.23  -0.7
IRK     43.68 301 eP    10 04.80  -0.8
      Z  17s     1.72um          5.0MszX
      N  15s     1.16um
      E  18s     1.14um
                 e      11 50.30 599kmX
                 LR     26 28.00
ARN     44.21  84 eP    10 10.67   0.6
                 epP    10 23.89  49km
CMB     44.50  82 iPc   10 13.13   0.7
                 epP    10 27.16  53km
LRM     44.75  69 eP    10 13.40  -1.3
PRS     44.95  85 eP    10 18.60   2.6
LLA     45.04  84 eP    10 17.61   0.9
KVN     45.29  80 ePc   10 19.72   0.8
                 epP    10 33.97  54km
HPI     45.56  71 eP    10 20.83  -0.3
FRI     45.57  83 ePc   10 21.31   0.4
FFC     45.75  53 eP    10 21.00  -1.1
        0.7s    10.00nm          4.8mb
BONR    45.84  81 eP    10 23.93   0.5
                 epP    10 38.85  57km
PHAM    45.87  85 eP    10 22.78  -0.6
                 epP    10 38.15  60km
SSE     45.98 266 P     10 24.00  -0.2
        1.0s    36.00nm          5.3mb
      Z  20s     0.50um          4.5Msz
                 sP     10 38.70 214kmX
                 i      11 10.30
                 S      17 10.00
TNP     46.43  80 eP    10 28.22   0.3
        0.9s    60.03nm          5.5mb
PTI     46.48  72 eP    10 28.56   0.3
                 epP    10 43.83  59km
BCH     46.49  85 eP    10 29.13   0.8
                 epP    10 42.75  51km
HVU     46.89  73 eP    10 30.92  -0.5
                 epP    10 44.36  50km
ISA     47.18  84 eP    10 33.00  -0.8
A8L     47.24  85 eP    10 34.88   0.5
                 epP    10 47.94  48km
DUG     47.82  75 eP    10 38.44  -0.4
        0.7s     1.74nm          4.2mb
                 epP    10 51.61  49km
BW06    48.21  70 P     10 40.30  -1.6
        1.0s    28.83nm          5.3mb
SBB     48.22  84 eP    10 42.00   0.1
MWC     48.38  85 eP    10 43.00  -0.2
SSK     48.61  85 eP    10 44.23  -0.8
                 epP    10 58.16  52km
DAU     48.63  74 eP    10 45.46   0.2
                 epP    11 00.40  57km
RVR     48.95  85 eP    10 47.00  -0.4
PEC     49.15  85 eP    10 48.31  -0.7
        0.9s     4.93nm          4.5mb
                 epP    11 02.48  53km
MSU     49.25  76 ePc   10 49.97   0.0
                 epP    11 03.50  50km
EMUT    49.26  74 eP    10 50.25   0.2
PLM     49.70  85 eP    10 53.00  -0.4
TPC     49.71  84 eP    10 53.00  -0.3
SRU     49.88  75 ePc   10 54.18  -0.5
BAR     50.27  85 eP    10 58.00   0.5
RSSD    50.60  66 P     11 00.00  -0.2
        1.0s    13.56nm          4.9mb
DAG     51.65   5 eP    11 06.00  -1.4
GOL     52.59  71 eP    11 15.26  -0.1
        0.7s     1.98nm          4.3mb
                 epP    11 30.26  56km
ANMO    55.06  76 P     11 34.00   0.6
        1.0s    17.50nm          5.0mb
ALQ     55.06  76 iPc   11 33.18  -0.3
        1.1s    20.42nm          5.1mb
KEV     57.31 348 eP    11 47.00  -1.8
ACO     58.24  70 iPc   11 55.50  -0.4
TRO     58.30 352 eP    11 55.53  -0.2
KTK1    58.46 350 eP    11 55.87  -1.0
MEO     59.89  71 iPd   12 07.10  -0.2
LNO     60.75  68 eP    12 11.90  -1.0
TUL     60.75  68 eP    12 12.20  -0.8
        0.8s    10.90nm          5.0mb
      Z  18s     0.54um          4.7Msz
                 LR     33 52.00
KMI     61.72 276 Pc    12 18.50  -1.5
        1.5s    60.00nm          5.5mb
                 pP     12 30.50  41km
FVM     62.36  63 ePd   12 21.85  -2.0
        0.4s    20.00nm          5.6mb
ELC     63.52  63 eP    12 29.82  -1.7
KAF     64.61 346 iP    12 37.10  -1.2
        0.4s    17.80nm          5.4mb
PWLA    65.83  64 eP    12 44.48  -2.0
                 epP    12 58.83  51km
MOL     66.12 355 eP    12 46.59  -1.3
NUR     66.39 346 iP    12 48.60  -1.1
        0.7s    33.30nm          5.5mb
BNH     67.25  46 e(P)  12 56.11   0.7
NB2     67.40 353 P     12 56.00  -0.2
        0.9s    26.90nm          5.3mb
GBTN    67.47  61 eP    12 55.29  -1.6
                 epP    13 08.60  46km
TKL     67.71  61 eP    12 57.35  -1.1
UPP     67.96 349 iP    12 58.80  -0.7
        0.9s   100.00nm          5.8mb
                 i      13 13.70  53km
HFS     68.09 352 eP    12 59.70  -0.7
        0.5s     7.10nm          4.9mb
      Z  17s     0.33um          4.6MszX
                 LR     38 28.00
CHG     68.73 274 ePc   13 03.80  -1.2
        0.9s    12.82nm          4.9mb
CVL     68.80  55 eP    13 04.01  -1.1
                 epP    13 18.38  51km
OBN     69.10 337 iPc   13 06.20  -0.5
        1.0s    90.00nm          5.7mb
                 e      13 21.00  53km
                 e      13 42.00
GUN     69.96 290 P     13 12.80   0.0
CEH     70.05  57 eP    13 08.28  -4.5X
        0.6s    13.18nm          5.0mb
                 epP    13 22.65  51km
JSC     70.11  60 eP    13 11.84  -1.3
LHS     70.20  59 eP    13 12.13  -1.6
KKN     70.40 290 P     13 15.00  -0.3
PKI     70.49 290 P     13 15.60  -0.4
```

GKN 70.62 291 P 13 16.40 -0.2
DMN 70.64 290 P 13 16.60 -0.2
MUD 72.10 353 iPc 13 26.00 1.3
0.8s 8.60nm 4.7mb
PMO 72.51 145 iP 13 40.10 12.5X
1.0s 80.00nm
TPT 72.59 145 iP 13 40.50 12.4X
1.0s 40.00nm
VAH 72.82 145 iP 13 41.70 12.2X
1.0s 45.00nm
RUV 72.87 145 iP 13 42.10 12.4X
1.0s 40.00nm
BSD 72.92 350 iP 13 30.00 0.4
0.7s 11.00nm 4.9mb
EKA 73.62 1 P 13 34.00 0.3
1.1s 17.20nm 4.9mb
DZM 73.86 191 iPd 13 35.80 0.3
AFR 74.22 148 iP 13 49.60 12.1X
1.0s 120.00nm
NDI 74.37 296 eP 13 38.00 -0.5
WTS 76.70 354 eP 13 52.50 1.2
1.0s 7.00nm 4.6mb
e 14 06.50 49km
CLL 76.87 350 eP 13 51.00 -1.3
KSP 76.95 348 ePd 13 52.80 0.1
i 14 07.00 50km
BRG 77.20 350 iP 13 54.00 -0.1
0.9s 12.00nm 4.9mb
i 14 08.60 51km
KRA 77.20 346 ePd 13 54.70 0.6
0.8s 38.00nm 5.5mb
e 14 00.70 19kmX
i 14 09.90
MAIO 77.40 313 eP 13 56.00 0.4
MOX 77.67 351 iPd 13 57.10 0.4
1.4s 15.00nm 4.8mb
e 14 11.90 52km
PRU 78.00 349 eP 13 58.50 0.0
e 14 13.80 54km
MEM 78.13 355 Pc 14 00.60 1.4
GRF 78.65 351 ePc 14 03.00 0.9
1.7s 79.00nm 5.4mb
Z 21s 0.20um 4.4Msz
epP 14 17.80 52km
DOU 78.72 356 Pc 14 03.30 0.9
e 14 17.80 51km
QUE 78.73 305 iPc 14 03.80 0.7
1.0s 42.50nm 5.4mb
KHC 78.96 350 iPc 14 04.40 0.5
1.3s 18.10nm 4.8mb
i 14 19.60 54km
i 14 23.00
WLF 79.07 355 P 14 06.00 1.7
QIS 79.16 216 eP 14 02.00 -3.2X
0.2s 2.00nm 4.7mb
CLI 79.21 340 eP 14 07.50 2.3
GEC2 79.23 350 Pd 14 03.80 -1.6
0.9s 4.25nm 4.4mb
ZST 79.43 347 iP 14 07.50 1.1
ZST 79.43 347 eP 14 12.30 5.9X
0.8s 18.00nm 5.1mb
i 14 22.60 33kmX
SRO 79.63 346 iP 14 07.50 0.1
BUD 79.84 346 eP 14 09.70 1.1
VRI 79.98 340 ePc 14 10.00 0.6
CVO 80.14 340 ePd 14 14.00 3.7X
FUR 80.15 351 eP 14 11.40 1.1
FLN 80.20 359 eP 14 09.20 -1.2
0.9s 16.40nm 5.0mb
Z 21s 0.25um 4.5Msz
CDF 80.24 354 eP 14 09.50 -1.3
LDF 80.37 359 eP 14 10.90 -0.4
1.0s 16.00nm 4.9mb
MLR 80.51 340 iPc 14 14.50 2.2
GRR 80.58 359 eP 14 11.50 -0.9
0.9s 18.00nm 5.0mb
WRA 80.67 221 P 14 11.80 -1.5
0.6s 5.90nm 4.7mb
HAU 80.71 354 eP 14 11.90 -1.3
Z 19s 0.25um 4.6Msz
BSF 80.85 354 eP 14 12.60 -1.5
CMP 80.91 341 ePc 14 15.00 0.7
LPF 80.94 359 eP 14 13.60 -0.7
0.8s 8.05nm 4.7mb
KBA 81.01 349 iPc 14 15.50 0.5
1.0s 52.90nm 5.4mb
i 14 25.10 30kmX
i 14 31.00
e 16 18.00
SOTA 81.10 351 iPc 14 15.40 0.0
1.0s 26.10nm 5.1mb
i 14 30.90 55km
BRS 81.54 203 iPc 14 17.50 -0.2
1.0s 3.50nm 4.3mb
i 14 31.00 46km
FVI 81.55 350 P 14 18.60 1.1
LOR 81.57 356 eP 14 16.70 -1.0
0.9s 6.55nm 4.6mb
Z 20s 0.28um 4.6Msz
RMQ 81.72 206 eP 14 18.90 0.3
i 14 32.00 44km
SSF 81.80 356 eP 14 17.80 -1.1
0.8s 6.70nm 4.7mb
PTJ 81.84 347 iPc 14 19.80 0.6
LBF 81.85 356 eP 14 18.10 -1.1
0.9s 6.55nm 4.6mb
LJU 81.89 348 e(P) 14 20.00 0.6
ZAG 81.92 347 eP 14 20.50 1.0
VOY 81.98 349 e(P) 14 21.00 1.0
AVF 82.07 356 eP 14 19.40 -0.9
1.0s 9.00nm 4.7mb
BEO 82.20 344 eP 14 22.00 1.0
CEY 82.20 348 eP 14 21.70 0.7
SMF 82.20 356 eP 14 19.90 -1.1
0.9s 13.10nm 5.0mb
CTI 82.21 350 P 14 20.70 -0.5
HYB 82.30 288 iPc 14 21.50 -0.5
1.0s 45.00nm 5.4mb
e 14 35.50 48km
VBY 82.32 348 eP 14 22.30 0.7
e 14 37.50 53km
BGF 82.33 357 eP 14 20.70 -0.9
0.7s 3.85nm 4.5mb
MFF 82.36 359 eP 14 21.10 -0.7
0.9s 9.85nm 4.8mb
KAS 82.48 334 eP 14 24.00 1.4
TCF 82.62 357 eP 14 22.00 -1.2
MAF 82.67 357 eP 14 22.60 -0.9
0.9s 6.55nm 4.7mb
LSF 82.68 358 eP 14 22.30 -1.2
QLP 83.14 210 eP 14 25.00 -0.9
i 14 39.00 48km
LPL 83.16 354 eP 14 27.10 0.8
0.9s 12.30nm 4.9mb
LPG 83.18 354 eP 14 27.40 0.9
0.9s 14.75nm 5.0mb
DMK 83.60 338 eP 14 28.70 0.4
RJF 83.62 357 eP 14 27.60 -0.7
Z 19s 0.25um 4.6Msz
BNI 83.63 354 P 14 30.80 2.3
BOB 83.69 352 P 14 30.80 2.0
CAF 83.98 357 eP 14 29.70 -0.5
1.1s 9.75nm 4.7mb
LFF 84.00 358 eP 14 29.50 -0.7
MSL 84.03 325 ePd 14 31.50 1.0
ASPA 84.18 220 iPc 14 30.50 -0.8
0.8s 15.70nm 5.1mb
Z 21s 0.40um 4.8Msz
i 14 44.60 48km
POO 84.19 292 eP 14 22.50 -9.1X
POO 84.19 292 eP 14 27.50 -4.1X
LPO 84.25 358 eP 14 30.70 -0.8
0.9s 14.75nm 5.0mb
SFI 84.29 350 Pd 14 34.30 2.6
KER 84.33 321 e(P) 14 34.00 1.7
PGD 84.35 350 P 14 34.60 2.3
YLV 84.39 337 eP 14 30.00 -2.4
HVAR 84.44 347 eP 14 32.70 0.2
CRE 84.57 350 Pd 14 34.80 1.5
ARV 84.59 349 Pd 14 35.00 1.8
ARMA 84.72 203 iPd 14 34.40 0.5
0.7s 11.00nm 5.1mb
i 14 48.20 47km
SKO 84.78 343 eP 14 34.70 0.5
e 14 49.70 52km
ASS 85.04 349 P 14 36.60 1.0
FRF 85.11 354 eP 14 35.10 -0.7
0.8s 9.40nm 5.0mb
VAY 85.19 342 iP 14 37.00 0.7
i 14 52.00 52km
LRG 85.24 354 eP 14 35.10 -1.3
0.9s 14.75nm 5.1mb
Z 21s 0.22um 4.5Msz
GAZ 85.33 330 eP 14 38.30 1.3
LMR 85.35 354 eP 14 36.40 -0.6
AQU 85.66 349 P 14 40.10 1.4
MNS 85.72 349 P 14 39.20 0.3
AZI 86.01 349 P 14 41.10 0.8
SDI 86.25 348 P 14 41.90 0.3
BHD 86.34 323 ePd 14 43.00 0.9
CMS 87.26 207 iPc 14 46.30 0.0
0.5s 5.00nm 5.0mb
ORI 87.49 346 P 14 49.30 1.7
MGR 87.55 347 P 14 47.50 -0.4
KUZ 87.80 182 P 15 01.60 12.9X
URZ 89.30 181 P 14 57.80 2.0
BWA 89.33 204 iPd 14 56.50 0.3
i 15 09.60 43km
CAN 90.04 203 eP 15 00.50 1.0
i 15 13.00 41kmX
MNG 91.67 182 P 15 18.10 11.3X
KIC 122.41 3 PKP 20 55.10 -0.5
LIC 122.54 4 PKP 20 55.30 -0.5
YJA 123.48 84 e(PKP)20 56.50 -1.5X
MDZ 128.95 96 ePKP 21 22.30 14.5X
RFA 130.44 97 iPKP 21 10.20 -0.4
PPD 132.05 71 ePKP 21 17.30 3.4X
SPA 141.22 180 ePKP 21 38.10 8.3X
0.8s 15.42nm
SLR 145.53 306 iPKPc 21 44.30 5.8X
0.7s 47.95nm
i 21 53.00
AIA 146.09 138 ePKP 21 39.00 1.1
WIN 147.61 326 ePKP 21 44.00 2.0X
1.0s 25.00nm
SEK 147.98 305 ePKP 21 45.70 3.3X
0.7s 44.52nm
BLF 149.35 306 iPKPc 21 49.00 4.5X
0.9s 61.54nm
i 22 03.00
FRS 150.31 306 iPKPc 21 44.70 -1.0
0.7s 27.40nm
S.D. = 1.1 on 208 of 231 obs.

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* FEB 12, 1992 01h 18m 29.97± 0.98s
44.475 N ±12.5km 22.296 E ± 9.7km
DEPTH = 10.0km (geophysicist)
ROMANIA (358)
MG 2.9 (BEO).

BEO 1.36 285 ePg 18 55.00 0.1
eSg 19 13.80
DRA 1.42 81 ePd 18 57.00 1.3
TNR 1.83 49 ePc 19 02.00 0.3
MDB 2.22 41 iPc 19 16.00 8.6X
SKO 2.58 194 ePn 19 19.50 7.0X
eSn 19 51.50
i 19 54.40
MLR 2.78 67 eP 19 14.00 -1.5
CVO 3.06 62 ePd 19 25.00 5.8X
VAY 3.16 176 iPn 19 20.50 -0.2
VRI 3.43 64 ePc 19 32.00 7.5X
S.D. = 1.4 on 5 of 9 obs.

FEB 12, 1992 02h 45m 51.47± 1.02s
36.510 N ± 9.5km 71.237 E ± 5.0km
DEPTH = 241.6 ± 13.3 km
4.0mb (12 obs.)
AFGHANISTAN-TAJIKISTAN BORD REG.(717)

QUE 7.25 211 eP 47 36.50 0.4
eS 48 58.50
GKN 14.15 123 P 49 02.80 -0.2
DMN 14.72 123 P 49 10.20 0.1
0.4s 23.00nm 4.9mb
KKN 14.72 122 P 49 09.80 -0.3
PKI 14.95 123 P 49 13.00 0.1
GUN 15.06 121 P 49 14.00 -0.3
HYB 20.09 159 eP 50 19.00 10.9X
KAF 37.72 327 iP 52 45.10 0.0
0.3s 1.30nm 4.0mb
NUR 37.93 324 iP 52 47.00 0.1
0.3s 15.30nm 5.0mb X
HFS 43.18 322 eP 53 29.30 -0.4
0.4s 8.00nm 4.4mb
NB2 44.49 323 P 53 39.60 -0.6
0.5s 5.40nm 4.2mb
BSF 47.79 305 eP 54 06.70 0.4
LPL 48.31 302 eP 54 11.20 0.7
1.0s 7.00nm 4.0mb
SMF 50.01 304 eP 54 23.30 0.2

12d 02h

```
        0.9s      5.75nm          4.0mb
AVF     50.30 304 eP     54 25.50   0.2
        0.8s      3.35nm          3.8mb
MAF     50.97 304 eP     54 30.30  -0.1
TCF     51 19 304 eP     54 31.80  -0.3
        0.9s      5.75nm          4.0mb
LSF     51.65 304 eP     54 35.30  -0.2
        0.8s      4.05nm          3.9mb
CAF     51.65 302 eP     54 36.10   0.5
        0.9s      4.90nm          4.0mb
EPF     53.41 300 eP     54 48.20  -0.3
MBC     67.32   3 eP     56 22.00   0.3
INK     73.87   9 eP     57 01.00   0.1
KIC     74.98 267 P      57 07.40  -0.7
LIC     75.29 267 P      57 09.20  -0.6
YKA     81.23   3 eP     57 41.20   0.1
        0.4s      0.80nm          3.8mb
WRA     81.84 122 P      57 45.80   0.8
        0.3s      0.70nm          3.9mb
      S.D. = 0.4  on  25 of  26 obs.
-----------------------------------
?  FEB  12, 1992  03h 05m 03.28± 1.67s
   43.713 N ±33.9km    6.888 E ±21.3km
   DEPTH =   5.0km  (geophysicist)
 NEAR SOUTH COAST OF FRANCE        (379)

FRF     0.23 229 Pg     05 07.90  -0.1
                Sg     05 11.44
SBF     0.42  69 Pg     05 11.80   0.0
                Sg     05 18.00
LRG     0.46 236 Pg     05 12.60   0.1
                Sg     05 18.70
LMR     0.47 216 Pg     05 12.70   0.0
                Sg     05 18.90
      S.D. = 0.1  on   4 of   4 obs.
-----------------------------------
&  FEB  12, 1992  03h 08m 28.10s
   36.637 N          121.295 W
   DEPTH =   5.0km
 CENTRAL CALIFORNIA                ( 39)
      <BRK>. ML 2.9 (BRK).

SAO     0.18 317 iPc    08 31.53  -0.2
LLA     0.28  94 iPc    08 33.81   0.0
                eS     08 38.09
PRS     0.31 191 iPd    08 34.41   0.0
GCC     0.69 305 iPc    08 40.98  -0.8
PRI     0.71 134 iPc    08 41.98  -0.3
                eS     08 57.61
ARN     0.74 345 ePn    08 42.53  -0.3
MHC     0.76 339 iPd    08 43.45   0.1
                iS     08 56.40
PCC     1.22 315 eP     08 49.92  -1.4
FRI     1.32  74 iP     08 51.60  -1.4
                eS     09 08.57
ZSP     1.51 330 ePc    08 57.44   1.6
CMB     1.57  27 eP     08 55.93  -0.8
                eS     09 16.54
BCH     1.75 145 ePn    08 57.45  -2.0
BONR    2.73  60 e(P)   09 16.26   2.6
                eS     09 56.55
        13 obs. associated
-----------------------------------
?  FEB  12, 1992  03h 22m 57.68± 2.19s
   13.338 N ±29.1km   90.287 W ±19.6km
   DEPTH =  33.0km  (normal)
   4.5mb (  4 obs.)
 NEAR COAST OF GUATEMALA           ( 71)

PWLA    21.64   5 P      27 47.60   0.4
PRM     21.87  18 P      27 50.10   0.6
JSC     22.40  20 P      27 56.10   1.3
LHS     22.73  21 P      27 59.40   1.4
GRT     22.84   2 P      27 59.90   0.8
GBTN    22.90  13 P      28 01.00   1.4
TKL     22.99  14 P      28 02.10   1.6
ELC     23.87   2 P      28 08.60  -0.4
FVM     24.55 360 P      28 15.10  -0.5
ACO     24.58 343 iPd    28 17.00   1.0
CEH     24.61  22 P      28 13.30  -3.0
        0.5s     49.85nm          5.3mb
ANMO    26.01 329 eP     28 32.30   2.6
LVNJ    30.56  24 P      29 10.20  -0.2
TBR     31.05  24 P      29 12.10  -2.7
RSSD    32.86 342 P      29 30.00  -0.9
BONR    34.95 320 P      29 51.80   2.7X
LRM     37.42 334 eP     30 09.30  -0.4
SES     40.65 340 eP     30 37.00   0.6
FFC     42.30 350 iPc    30 49.20  -0.5
        0.5s      7.00nm          4.6mb
PNT     43.23 332 eP     30 58.00   0.6
        0.5s      3.00nm          4.3mb
YKA     52.06 346 eP     32 04.10  -2.1
        0.6s      2.50nm          4.4mb
INK     61.55 343 eP     33 12.00  -1.6
MBC     64.77 353 eP     33 33.00  -1.8
KIC     84.24  85 P      35 29.80   1.8
WRA    136.84 255 PKP    42 24.50   4.9X
        0.7s      1.60nm
      S.D. = 1.6  on  23 of  25 obs.
-----------------------------------
?  FEB  12, 1992  03h 24m 26.05± 7.28s
   15.069 N ±61.3km   98.230 W ±14.0km
   DEPTH =  33.0km  (normal)
 OFF COAST OF GUERRERO, MEXICO     ( 65)

ACX     2.38 319 eP     25 03.50  -0.1
                eS     25 26.50
OXX     2.47  36 eP     25 05.00  -0.1
                iS     25 36.00
III     3.50 340 eP     25 19.00  -0.6
                iS     25 55.00
IIT     3.93 359 eP     25 25.00  -0.8
IISM    3.98  12 eP     25 25.00  -1.3
PPM     3.99 355 iP     25 27.50   0.5
UNM     4.34 348 (P)    25 33.00   1.4
LVVM    4.94  20 (P)    25 41.00   1.0
MRX     5.41 329 (P)    25 51.50   5.0X
      S.D. = 1.1  on   8 of   9 obs.
-----------------------------------
%  FEB  12, 1992  03h 45m 44.74± 0.69s
   47.962 N ± 9.5km    6.587 E ± 5.2km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                            (538)

HAU     0.17 285 Pg     45 47.80  -0.8
                Sg     45 50.60
BSF     0.19 133 Pg     45 48.80  -0.2
                Sg     45 52.60
CDF     0.64  45 Pg     45 58.20   0.5
                Sg     46 09.20
FEL     0.96  95 ePn    46 02.80  -0.3
LOR     1.97 250 Pg     46 18.80   0.2
                Sg     46 40.90
LBF     2.02 242 Pg     46 19.90   0.6
                Sg     46 42.20
      S.D. = 0.7  on   6 of   6 obs.
-----------------------------------
%  FEB  12, 1992  04h 10m 07.08± 1.32s
   40.708 N ±11.2km   29.976 E ± 7.2km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                            (366)

EYL     0.20 136 iPg    10 11.10  -0.4
HRT     0.26 296 iPg    10 12.70   0.1
YLV     0.48 253 iPg    10 16.50  -0.4
GPA     0.49 149 ePg    10 17.30   0.3
                eSg    10 23.10
IZI     0.53 226 iPg    10 17.70  -0.2
                iSg    10 24.70
DST     1.51 224 ePn    10 34.80   0.6
      S.D. = 0.5  on   6 of   6 obs.
-----------------------------------
   FEB  12, 1992  04h 42m 58.91± 0.47s
   39.129 N ± 4.2km   28.001 E ± 4.6km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                            (366)

DST     0.68  45 iPg    43 12.30  -0.1
                iSg    43 23.30
IZM     0.93 219 iPg    43 16.00  -0.7
                iSg    43 29.50
KCT     1.15  14 iPg    43 20.70   0.3
EDC     1.22 355 iPg    43 22.00   0.4
                iSg    43 39.00
BNT     1.23 357 iPn    43 22.20   0.5
KHL     1.44 124 ePn    43 25.30   0.2
EZN     1.47 299 iPn    43 24.70  -0.7
CIN     1.53 177 ePn    43 27.00   0.8
                iSg    43 51.00
ALT     1.64  92 ePn    43 28.50   0.5
IZI     1.66  43 iPn    43 27.70  -0.5
YLV     1.78  36 iPn    43 29.20  -0.8
GBZT    1.99  33 ePn    43 36.40   3.4X
                iSg    44 04.20
ISK     2.10  22 iPn    43 34.20  -0.3
HRT     2.12  37 ePn    43 34.70  -0.2
GPA     2.12  56 ePn    43 35.00   0.1
EYL     2.19  48 ePn    43 35.60  -0.4
DMK     2.70 356 ePn    43 41.80  -1.3
KDZ     3.20 323 eP     43 50.00  -0.2
RZN     3.58 317 eP     43 56.00   0.2
MMB     4.09 308 eP     44 10.00   7.2X
MLR     6.54 347 eP     44 40.00   2.4
      S.D. = 0.8  on  19 of  21 obs.
-----------------------------------
*  FEB  12, 1992  05h 12m 03.25± 1.44s
   34.651 N ±11.8km  140.141 E ±10.2km
   DEPTH =  68.8 ± 11.5 km
   4.5mb (  6 obs.)
 NEAR EAST COAST OF HONSHU, JAPAN(228)

KAKJ    1.55   1 P      12 28.30  -0.9
                S      12 46.50
CHJJ    1.68 326 P      12 30.60  -0.4
                S      12 50.70
IIDJ    2.01 295 P      12 36.90   1.3
                S      13 02.00
MTMJ    2.71 316 P      12 46.50   1.1
NIIJ    2.74 341 P      12 45.40  -0.4
YAMJ    3.52 359 eP     12 56.10  -0.5
TSRJ    3.52 286 P      12 57.30   0.6
WKYJ    3.78 265 eP     13 00.80   0.4
OFUJ    4.59  15 P      13 10.00  -1.7
                S      14 00.80
TKSJ    5.09 264 eP     13 19.20   0.5
YONJ    5.51 277 eP     13 25.70   1.0
GUN    46.40 277 P      20 24.40  -0.7
PKI    46.91 277 P      20 27.20  -1.9
KKN    46.93 277 P      20 28.60  -0.6
GKN    47.38 278 P      20 31.20  -1.4
FBA    51.67  31 eP     21 05.95   1.2
        0.7s      7.96nm          4.9mb
BALM   54.47  36 (P)    21 25.68   0.0
WRA    54.57 187 P      21 25.80  -0.9
        0.8s      6.60nm          4.7mb
INK    56.98  26 eP     21 43.50   0.0
ASPA   58.30 187 iPd    21 52.00  -1.2
        1.0s      6.30nm          4.7mb
YKA    66.39  29 eP     22 45.50  -1.1
        0.8s      1.00nm          3.8mb
NB2    75.98 337 P      23 44.00  -0.2
        0.8s      1.50nm          4.0mb
FFC    76.27  32 eP     23 46.00   0.2
        0.6s      4.00nm          4.5mb
LRM    76.58  43 eP     23 49.30   1.2
DAU    80.52  47 eP     24 11.74   2.0
EMUT   81.16  47 (P)    24 14.46   1.5
SRU    81.77  48 iP     24 17.20   1.1
      S.D. = 1.1  on  27 of  27 obs.
-----------------------------------
*  FEB  12, 1992  05h 24m 45.51± 0.34s
   16.074 S ±10.9km  173.036 W ±16.2km
   DEPTH =  33.0km  (normal)
   4.8mb (  8 obs.)
 TONGA ISLANDS                     (173)

URZ    23.74 200 eP     29 51.70  -3.9X
MNG    26.41 200 eP     30 21.00   0.1
QRZ    27.66 204 eP     30 33.30   1.0
DSZ    28.73 204 eP     30 41.40  -0.6
LTZ    29.44 202 P      30 49.00   0.6
EWZ    30.60 203 eP     30 57.70  -0.9
ARMA   35.30 240 iPd    31 38.80  -1.0
        0.5s      4.00nm          4.6mb
WRA    50.03 257 P      33 39.20  -0.1
        1.0s      1.20nm          3.9mb
ASPA   50.24 252 iPc    33 40.10  -0.8
        0.6s     16.50nm          5.2mb
TNP    75.09  42 iP     36 25.24  -1.1
        1.0s     11.69nm          4.8mb
RSO    78.00  10 eP     36 42.31   0.1
MSU    78.66  44 eP     36 45.92  -0.4
TTA    79.87   8 eP     36 53.22   1.1
        1.3s     19.32nm          4.9mb
SRU    80.07  44 (P)    36 53.12  -0.8
PNT    80.39  32 eP     36 55.00  -0.1
        0.7s      9.00nm          4.9mb
BALM   80.67  15 (P)    36 56.44  -0.1
FBA    82.99  11 iP     37 08.41   0.1
        1.0s     40.50nm          5.5mb
```

```
SES     85.55  35 ePc    37 20.20   -1.4
INK     88 84  14 eP     37 37.00    0.0
YKA     90.57  23 eP     37 44.30   -1.0
         0.9s     1.80nm            4.4mb
KSP    144.51 350 iPKPd 44 19.00   -1.1
MOX    145.31 355 ePKP  44 21.60    0.1
         1.1s    16.00nm
PRU    145.62 351 ePKP  44 22.70    0.7
DOU    146.01   3 PKP   44 23.70    1.1
         0.4s     7.90nm
GRF    146.29 355 e(PKP)44 24.50    1.3
                e       44 26.60
KHC    146.59 352 PKP   44 26.10    2.4X
         1.0s     5.40nm
                e       44 50.10
FLN    146.83   9 ePKP  44 25.50    1.5
         0.7s     7.70nm
LDF    147 05   9 ePKP  44 26.10    1.7
         0.5s     2.60nm
GRR    147.14  10 ePKP  44 26.50    2.0X
         0.7s    12.15nm
LPF    147.46  10 ePKP  44 27.30    2.3X
         0.9s    13.10nm
CDF    147.75 360 ePKP  44 28.70    3.1X
HAU    148.15   1 ePKP  44 29.60    3.4X
BSF    148.33   0 ePKP  44 29.80    3.2X
LOR    148.79   4 ePKP  44 31.10    3.9X
         0.9s     6.55nm
SSF    148.97   5 ePKP  44 31.70    4.2X
         1.0s    10.00nm
MFF    148.99  10 ePKP  44 31.30    3.8X
LBF    149.08   4 ePKP  44 31.80    4.1X
         0.5s     3.65nm
AVF    149.23   5 ePKP  44 32.00    4.1X
SMF    149.41   4 ePKP  44 32.50    4.3X
LSF    149.57   7 ePKP  44 32.60    4.1X
         0.6s     5.10nm
TCF    149.62   7 ePKP  44 32.80    4.3X
         0.7s     3.85nm
MAF    149.72   6 ePKP  44 33.60    4.9X
         0.5s     3.30nm
LPL    150.65   0 ePKP  44 36 80    6.4X
         0.5s     1.80nm
LPG    150.67   0 ePKP  44 37.00    6.5X
         0.6s     4.50nm
LFF    150.75   9 ePKP  44 35.50    5.3X
         0.7s     5.50nm
LPO    151.07   9 ePKP  44 36.20    5.5X
         0.4s     3.45nm
      S.D. = 0.9  on  26 of  46 obs.
-----------------------------------------
   FEB  12, 1992  06h 25m 23.53± 0.38s
   49.125 N ± 3.6km    6.828 E ± 5.3km
   DEPTH =  10.0km  (geophysicist)
 GERMANY                            (543)
      MD 3.3 (UCC). ML 3.2 (STR), 3.0
      (BNS).

WLF      0.70 321 iP     25 37.40    0.1
                  iS     25 46.49
CDF      0.77 157 Pg     25 38.00   -0.7
ECH      0.94 166 Pg     25 41.09   -0.3
                  Sg     25 55.55
VITF     1.07 212 Pg     25 43.63    0.0
LIBD     1.10 152 Pg     25 44.08   -0.1
MOF      1.29 171 Pg     25 48.13    0.6
                  Sg     26 07.26
BSF      1.29 181 Pg     25 48.06    0.5
                  Sg     26 06.88
FEL      1.48 147 Pg     25 51.21    0.9
TNS      1.52  43 ePn    25 52.10    1.2
                  eSn    26 09.90
                  eSb    26 11.70
MEM      1.58 341 iPd    25 51.61    0.1
                  i      25 53.24
ENN      1.75 341 ePn    25 53.50   -0.5
         1.0s    11.00nm
                  iPg    25 56.20
                  e      26 18.00
DOU      1.75 305 iP     25 53.80   -0.3
                  i      25 56.70
                  iS     26 18.00
LOMF     1.78 180 Pn     25 53.95   -0.6
                  Pg     25 57.29
BNS      1.86   7 iPc    25 58.40    2.8X
         0.6s   127.00nm
                  iS     26 19.00
SNF      2.15 311 P      26 00.11    0.2
GRF      2.93  77 ePg    26 19.00    8.1X
                  eSS    26 53.80
MOX      3.45  62 ePg    26 28.60   10.2X
                  iSg    27 09.30
KHC      4.43  87 eP     26 30.70   -1.7
                  e      26 55.50
                  e      27 22.00
KBA      4.82 113 iPnd   26 38.60    0.6
                  iPg    26 57.00
                  iSn    27 33.70
BRG      4.91  66 e(P)   27 03.00   23.9X
      S.D. = 0.8  on  16 of  20 obs.
-----------------------------------------
*  FEB  12, 1992  06h 32m 08.82± 1.11s
    2.742 S ±17.1km  129.750 E ±31.8km
   DEPTH =  33.0km  (normol)
   5.0mb (  4 obs.)
 SERAM, INDONESIA                   (272)

MTN     10.13 172 eP    34 35.00   -0.2
         0.3s    98.00nm          6.5mb X
                  eS    36 31.00
QIS     20.15 152 iPc   36 43.50    0.3
         0.6s    19.00nm          4.6mb
                  iS    39 11.90
BAG     21.08 335 eP    36 56.00    3.0X
ASPA    21.19 169 iPc   36 53.60   -0.3
         0.4s    42.70nm          5.2mb
                  eS    40 44.50
WARB    23.50 187 eP    37 17.00    0.3
CHG     37.11 306 eP    39 09.80   -8.6X
CHTO    37.11 306 (P)   39 19.00    0.6
GUN     52.04 309 P     41 17.80   -0.4
         0.6s    14.00nm          5.1mb
PKI     52.24 308 P     41 20.00    0.3
KKN     52.45 308 P     41 21.00   -0.1
DMN     52.50 308 P     41 21.60    0.0
GKN     53.05 308 P     41 25.00   -0.5
         0.7s    11.00nm          4.9mb
      S.D. = 0.4  on  10 of  12 obs.
-----------------------------------------
?  FEB  12, 1992  07h 00m 10.01± 2.08s
   43.294 N ±18.1km   10.878 E ±12.8km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                      (381)

PII      0.50 329 P      00 32.40   12.3X
                  eSg    00 43.00
BDI      0.79 345 P      00 27.00    1.5
                  eSg    00 33.80
MME      0.91 352 P      00 26.30   -1.3
                  eSg    00 32.80
SFI      0.94  48 P      00 28.00    0.0
SBF      2.57 284 Pn     00 51.00   -1.4
FRF      3.09 276 Pn     01 00.00    0.2
                  Sn     01 36.20
LMR      3.19 272 Pn     01 02.00    0.9
                  Sn     01 39.70
LPG      3.69 308 Pn     01 04.70   -3.9X
                  Sn     01 42.50
      S.D. = 1.5  on   6 of   8 obs.
-----------------------------------------
%  FEB  12, 1992  07h 16m 15.99± 0.74s
   39.239 N ± 6.9km   27.915 E ± 7.5km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                             (366)

DST      0.66  56 iPg    16 28.60   -0.6
                  iSg    16 38.10
IZM      0.98 211 iPg    16 35.00    0.3
                  iSg    16 49.00
KCT      1.06  19 iPg    16 36.30    0.3
                  iSg    16 51.50
EDC      1.11 358 ePn    16 37.00    0.2
BNT      1.12   0 iPn    16 37.10    0.2
EZN      1.36 296 ePn    16 40.30   -0.7
IZI      1.63  47 iPn    16 44.50   -0.3
YLV      1.74  40 ePn    16 47.00    0.6
      S.D. = 0.5  on   8 of   8 obs.
-----------------------------------------
&  FEB  12, 1992  07h 32m 31.91s
   64.828 N          146.116 W
   DEPTH =  14.3km
 CENTRAL ALASKA                     (  1)
      <AEIC>. ML 2.8 (AEIC), 2.9
      (PMR).
HDA      0.56 221 iP     32 42.47   -0.4
GLM      0.57 287 iP     32 43.03   -0.1
FBA      0.72 277 iPc    32 46.30    0.6
PRP      0.74  20 iP     32 46.18    0.1
                  S      32 56.08
CCB      0.75 257 iP     32 45.87   -0.3
                  eS     32 56.82
DJE      0.83 167 eP     32 47.31   -0.2
MDM      0.91 279 iP     32 49.11    0.1
WRH      0.92 248 iP     32 49.24    0.1
                  S      33 02.39
DDM      1.05 174 eP     32 51.95    0.6
NEA      1.30 260 iP     32 55.03   -0.4
                  eS     33 13.11
THY      1.43 173 eP     32 58.04    0.7
                  S      33 16.88
DOT      1.49 142 eP     32 57.74   -0.4
                  S      33 18.47
BWN      1.59 247 eP     32 58.17   -1.5
MCK      1.65 229 eP     33 00.15   -0.4
FYU      1.78  11 eP     33 03.58    1.2
RND      1.87 221 iP     33 03.77    0.1
                  eS     33 29.80
PAX      1.89 171 eP     33 04.13    0.1
MLY      1.98 278 eP     33 04.44   -0.9
                  eS     33 32.31
TMW      2.04 136 eP     33 05.47   -0.7
TRF      2.29 235 eP     33 10.25    0.3
SDG      2.32 173 eP     33 10.27    0.0
KTH      2.46 241 eP     33 12.24    0.0
TOA      2.73 181 eP     33 18.00    1.8
TZL      2.81 173 eP     33 17.49    0.3
CUT      3.06 219 iP     33 20.41   -0.2
SML      3.19 199 eP     33 22.92    0.3
GHO      3.32 204 eP     33 24.80    0.4
KLU      3.35 178 eP     33 25.26    0.4
IMA      3.39 295 eP     33 25.30   -0.2
PLRM     3.52 204 eP     33 27.95    0.8
PMR      3.52 204 eP     33 29.60    2.4
KNK      3.59 198 eP     33 28.63    0.4
PWA      3.61 210 eP     33 30.90    2.4
SKT      3.75 223 eP     33 30.03   -0.5
PMS      3.92 205 eP     33 35.10    2.1
SUA      3.98 214 eP     33 34.29    0.5
BALM     4.18 154 eP     33 36.87    0.2
SPU      4.55 219 eP     33 42.23    0.4
BGL      4.58 221 eP     33 41.82   -0.5
CKL      4.62 221 eP     33 43.38    0 5
TTA      4.77 251 e(P)   33 43.30   -1.7
INK      6.11  50 P      34 04.00    0.2
         0.4s     1.00nm          3.9mb X
      42 obs. associoted
-----------------------------------------
   FEB  12, 1992  08h 33m 53.97± 0.57s
   41.107 N ± 8.7km   74.712 E ± 9.2km
   DEPTH =  33.0km  (normol)
   4.3mb (  4 obs.)
 KYRGYZSTAN                         (716)

NDI     12.56 170 iP     36 53.80    0.6
                  eS     39 12.00
QUE     12.58 212 eP     36 54.70    1.1
MAIO    12.82 253 eP     36 54.00   -2.6
GKN     15.40 145 P      37 31.20    0.6
KKN     15.87 144 P      37 35.80   -0.9
DMN     15.95 144 P      37 38.00    0.2
GUN     16.04 142 P      37 38.60   -0.4
PKI     16.12 144 P      37 39.40   -0.6
LZH     23.26  93 eP     39 06.00    6.5X
         1.0s    16.00nm          4.5mb
      Z  16s     0.29um          3.8MszX
                  pP     39 14.50  30kmX
HYB     23.84 171 eP     39 09.00    3.9X
HFS     41.39 319 eP     41 39.80    1.6
         0.4s     1.60nm          4.1mb
GEC2    42.81 302 ePc    41 49.80   -0.4
         0.8s     1.40nm          3.7mb
MBC     62.58   4 eP     44 16.00   -0.5
         0.8s     4.00nm          4.6mb
INK     68.87  11 eP     44 56.00   -0.8
KIC     77.90 268 P      45 51.00    0.6
TIC     77.93 268 P      45 51.20    0.7
LIC     78.21 268 P      45 52.80    0.8
      S.D. = 1.1  on  15 of  17 obs.
-----------------------------------------
*  FEB  12, 1992  08h 35m 52.54± 0.79s
   16.008 N ±10.4km   61.499 W ±25.9km
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12d 08h

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   DEPTH = 154.0 ±  8.2 km
   3.7mb (  1 obs.)
 LEEWARD ISLANDS                          ( 92)
      MD 3.4 (TRN).

DOG      0.12 282 ePd    36 13.35  -1.1
PAG      0.18 277 eP     36 13.47  -1.1
MGG      0.20 117 iPd    36 13.79  -0.7
DEG      0.52  54 ePd    36 15.14   0.4
DBCT     0.75 169 eP     36 18.22   2.1
                  eS     36 35.95
DTMT     0.78 170 eP     36 17.71   1.4
                  eS     36 35.57
MGH      0.99 316 eP     36 18.30   0.4
BPA      1.09 342 eP     36 18.71   0.0
                  S      36 36.60
ANG      1.18 344 eP     36 19.59   0.0
                  eS     36 37.34
FDF      1.31 165 eP     36 20.74  -0.1
       0.1s      0.70nm
                  S      36 41.40
CRM      1.37 156 eP     36 21.24  -0.1
                  S      36 42.40
BIM      1.54 164 eP     36 23.50   0.3
                  S      36 46.30
MVM      1.56 158 iPd    36 23.10  -0.3
                  S      36 46.60
SLW      2.05 165 eP     36 28.00  -0.9
                  eS     36 55.14
SLB      2.21 168 eP     36 30.25  -0.6
                  eS     36 59.76
YKA     59.28 334 eP     45 40.00   0.1
       0.6s      0.60nm          3.7mb
     S.D. = 1.0  on  16 of  16 obs.
-----------------------------------
?  FEB  12, 1992  08h 39m 57.00±11.51s
    9.785 S ±88.6km  124.841 E ±57.7km
   DEPTH =  33.0km  (normal)
   4.2mb (  2 obs.)
 TIMOR REGION, INDONESIA                  (289)

MTN      6.88 117 eP     41 39.20   1.0
       0.4s    150.00nm          6.2mb X
                  eS     42 54.00
KNA      7.06 148 eP     41 41.00   0.3
       0.3s     24.00nm          5.7mb X
                  eS     42 56.00
ASPA    16.29 149 iPc    43 44.20  -0.9
       0.9s     25.50nm          4.4mb
                  eS     46 38.60
WARB    16.40 174 eP     43 47.00   0.6
OIS     17.81 129 eP     44 03.00  -1.1
       0.3s      4.00nm          4.0mb
                  e      47 30.50
     S.D. = 1.3  on   5 of   5 obs.
-----------------------------------
?  FEB  12, 1992  09h 25m 12.45± 1.56s
   40.371 N ±10.0km   23.261 E ±16.4km
   DEPTH =  10.0km  (geophysicist)
 GREECE                                   (364)
      MD 1.5 (THE).

SOH      0.46   9 ePg    25 21.48  -0.3
PAIG     0.55 144 ePg    25 23.44  -0.1
                  eSg    25 31.39
OUR      0.55  94 ePg    25 23.76   0.1
                  eSg    25 30.64
KNT      0.84 341 ePg    25 28.83   0.2
                  eSg    25 40.32
     S.D. = 0.4  on   4 of   4 obs.
-----------------------------------
%  FEB  12, 1992  09h 28m 39.73± 0.83s
   39.238 N ± 7.9km   27.686 E ± 7.9km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                                   (366)

DST      0.82  63 iPg    28 55.10  -0.5
                  iSg    29 07.10
IZM      0.90 202 iPg    28 57.10   0.1
BNT      1.13   9 ePn    29 01.00   0.1
EZN      1.20 300 ePn    29 02.00  -0.2
IZI      1.76  51 ePn    29 11.00   0.5
     S.D. = 0.5  on   5 of   5 obs.
-----------------------------------
*  FEB  12, 1992  09h 44m 52.87± 2.97s
   31.894 S ±17.9km   71.680 W ±22.7km
   DEPTH =  33.0km  (normal)
 NEAR COAST OF CENTRAL CHILE              (135)

IHA      1.13 178 eP     45 13.00   0.6
                  e      45 25.00
                  e(S)   45 42.50
JACH     1.21 131 iP     45 12.80  -0.8
                  iS     45 27.10
ROCH     1.21 152 iP     45 13.60  -0.2
                  iS     45 29.40
PEL      1.50 146 iPd    45 17.20  -0.6
                  iS     45 36.30
LCCH     1.58 177 iP     45 18.90   0.0
SAN      1.78 151 eP     45 22.50   0.7
TACH     1.86 161 iP     45 23.50   0.5
LNV      2.07 174 iPd    45 25.10  -0.8
CHCH     2.21 157 iP     45 27.80  -0.2
                  iS     45 53.60
RTCB     2.49  81 iPd    45 32.00   0.0
ZON      2.58  83 eP     45 34.20   0.9
MDZ      2.59 113 eP     45 34.80   1.4
                  e      45 51.00
CFA      2.94  85 ePc    45 37.00  -1.4
     S.D. = 0.9  on  13 of  13 obs.
-----------------------------------
%  FEB  12, 1992  09h 45m 06.39± 0.55s
   42.886 N ± 5.1km   12.732 E ± 9.5km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                            (381)

ASS      0.19 344 P      45 10.40  -0.3
                  eSg    45 13.50
MNS      0.50 184 P      45 16.00  -0.6
                  eSg    45 23.00
ARV      0.63  14 P      45 18.70  -0.4
                  eSg    45 28.80
AQU      0.73 137 P      45 20.80   0.1
                  eSg    45 30.30
CRE      0.94 323 P      45 25.00   0.7
                  eSg    45 37.00
AZI      1.04 150 P      45 26.50   0.6
                  eSg    45 42.00
SFI      1.22 329 P      45 29.20   0.2
                  eSg    45 44.50
PGD      1.23 324 P      45 29.20  -0.2
     S.D. = 0.5  on   8 of   8 obs.
-----------------------------------
?  FEB  12, 1992  09h 45m 18.32± 5.83s
   19.518 N ±12.0km  104.059 W ±47.6km
   DEPTH =  10.0km  (geophysicist)
 NEAR COAST OF JALISCO, MEXICO            ( 55)

COLM     0.48 134 iP     45 27.00  -1.2
                  iS     45 38.00
CGX      0.59  72 iP     45 30.25  -0.2
                  iS     45 44.00
GUM2     1.35  32 iP     45 43.00  -0.2
                  (S)    46 02.00
MRX      2.71  86 iP     46 01.50  -1.2
                  iS     46 39.00
AGX      2.87  35 eP     46 11.00   6.1X
                  iS     46 50.50
MZX      4.28 329 eP     46 43.00  18.1X
III      4.49 104 eP     46 30.00   1.8
PPM      5.15  94 eP     46 45.00   7.2X
                  iS     47 47.00
IISM     6.33  94 (P)    46 54.50   0.4
OXX      7.38 108 (P)    47 09.50   0.6
     S.D. = 1.3  on   7 of  10 obs.
-----------------------------------
   FEB  12, 1992  09h 48m 00.76± 0.96s
    8.376 S ±10.8km  105.510 E ± 6.7km
   DEPTH =  33.0km  (normal)
   4.8mb (  1 obs.)
 SOUTH OF JAWA, INDONESIA                 (282)

PASI     1.68   3 eP     48 28.00  -0.2
KALI     1.70  42 eP     48 28.00  -0.6
                  eS     48 48.20
PULI     2.07  13 eP     48 34.50   0.5
PACI     2.25  38 eP     48 37.40   0.9
SINI     2.39  56 eP     48 39.40   0.8
PENI     2.81 353 eP     48 43.40  -1.0
SRDI     8.54  91 eP     50 05.40   0.2
KEDI    10.47  89 eP     50 30.80  -1.0
CHTO    27.78 347 (P)    53 48.00  -0.9
PKI     40.69 332 P      55 41.20   0.8
GUN     40.77 333 P      55 41.40   0.4
DMN     40.86 332 P      55 41.80   0.1
KKN     40.94 332 P      55 42.20   0.0
GKN     41.42 332 P      55 46.60   0.5
LZH     44.25 358 eP     56 08.50  -0.6
       1.2s     21.00nm          4.8mb
                  pP     56 17.50  30kmX
                  sP     56 23.00
     S.D. = 0.7  on  15 of  15 obs.
-----------------------------------
%  FEB  12, 1992  10h 03m 57.49± 2.05s
   42.714 N ±11.7km   12.025 E ±16.4km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                            (381)

MNS      0.59 124 P      04 09.40   0.0
                  eSg    04 16.50
ASS      0.59  52 P      04 09.00  -0.4
                  eSg    04 17.50
CRE      0.92 357 P      04 14.70  -0.4
                  eSg    04 28.00
ARV      1.03  40 P      04 17.50   0.5
                  eSg    04 32.00
SFI      1.21 354 P      04 20.30   0.3
     S.D. = 0.6  on   5 of   5 obs.
-----------------------------------
?  FEB  12, 1992  11h 45m 34.41± 9.60s
   42.438 N ±68.1km   23.901 E ±39.5km
   DEPTH =  10.0km  (geophysicist)
 BULGARIA                                 (359)
      MD 2.4 (THE).

SRS      1.34 190 ePb    45 59.51   0.4
                  eSb    46 17.71
KNT      1.48 211 ePb    45 59.83  -1.2
                  eSb    46 20.67
SOH      1.67 194 ePb    46 03.03  -0.8
                  eSb    46 25.48
GRG      1.86 218 ePb    46 07.00   0.4
                  eSb    46 29.67
OUR      2.10 178 ePn    46 09.71  -0.4
     S.D. = 1.0  on   5 of   5 obs.
-----------------------------------
   FEB  12, 1992  11h 56m 53.60± 0.37s
   17.798 N ± 6.2km  101.613 W ± 4.7km
   DEPTH =  32.0km  ( 10 depth phases)
   5.1mb ( 41 obs.)  4.6Msz (  5 obs.)
 NEAR COAST OF GUERRERO, MEXICO           ( 58)
      Felt at Ixtapa, Zihuatanejo and
      Mexico City.
      CENTROID, MOMENT TENSOR             (HRV)
      Data Used: GDSN
      L.P.B.: 26S, 45C
      Centroid Location:
      Origin Time        11:57: 0.1 0.4
      Lat 17.78N 0.04 Lon 101.14W 0.06
      Dep  33.9 3.9 Half-duration  1.7
      Moment Tensor;   Scale 10**16 Nm
        Mrr= 6.64 0.44  Mtt=-4.05 0.42
        Mff=-2.60 0.73  Mrt=-1.57 0.69
        Mrf= 0.72 0.69  Mtf= 3.58 0.36
       Principal Axes:
        T  Val=  6.87  Plg=82  Azm=191
        N        0.30        4       309
        P       -7.18        7        39
      Best Double Couple:Mo=7.0*10**16
       NP1:Strike=134 Dip=38 Slip=  96
       NP2:        306       52       85

ACX      1.91 119 iP     57 25.00   0.4
                  iS     57 45.00
MRX      1.94  12 iP     57 27.50   2.6
III      2.12  74 iP     57 29.00   1.3
                  iS     57 55.00
COLM     2.40 305 iP     57 33.50   1.9
                  iS     58 04.00
CGX      2.58 318 eP     57 36.50   2.3
                  iS     58 07.50
UNM      2.76  56 iP     57 38.75   1.9
                  iS     58 11.50
TAC      2.80  55 (P)    57 39.00   1.7
PPM      3.10  66 iP     57 43.00   1.0
GUM2     3.27 331 (P)    57 46.00   2.0
                  (S)    58 36.00
IIT      3.37  68 iP     57 46.50   1.0
AGX      4.11 351 eP     58 00.00   4.3X
IISM     4.19  73 (P)    57 59.00   2.1
OXX      4.72  98 eP     58 05.00   0.3
```

```
LVVM     5 26   68 eP     58 13.00    0.9
PBJ      6.09 102 (P)     58 24.00    0.2
                  (S)     59 50.00
MZX      7.02 321 eP      58 40.00    3.3X
MEO     17.13   8 iPc     00 52.50    0.3
ALO     17.61 347 ePc     01 00.70    2.3
TUL     18.77  15 eP      01 10.90   -1.5
        0.5s     20.10nm           4.6mb
      Z  20s      0.84um           4.5Msz
                  eS      04 41.00
                  LR      06 56.00
ACO     18.95   6 e(P)    01 16.10    1.3
OLY     19.80  25 P       01 21.70   -2.6
BAR     20.09 320 eP      01 39.00   11.6X
PLM     20.67 321 eP      01 38.00    4.3X
TPC     20.75 324 eP      01 39.00    4.7X
PWLA    20.94  33 P       01 32.60   -3.5X
PEC     21.23 322 P       01 39.90    0.7
        0.8s     19.08nm           4.6mb
RVR     21.43 322 eP      01 50.00    8.9X
SSK     21.77 322 P       01 44.70    0.0
SBB     22.18 322 eP      01 35.00  -13.7X
ELC     22.26  27 P       01 46.70   -2.7
FVM     22.37  24 P       01 47.70   -2.8
        0.7s     43.67nm           5.0mb
MSU     22.61 338 P       01 54.00    0.9
SRU     22.61 342 P       01 53.60    0.5
ISA     23.25 323 eP      02 01.00    1.8
EMUT    23.34 342 P       01 49.60  -10.7X
GBTN    23.56  38 P       01 56.90   -5.2X
TKL     23.81  38 P       02 01.90   -2.7
DAU     24.03 342 P       02 07.80    0.8
DUG     24.33 339 P       02 10.70    1.0
        1.1s     10.84nm           4.3mb
TNP     24.39 329 P       02 11.50    1.1
        0.6s      8.22nm           4.5mb
PHAM    24.50 321 P       02 14.60    3.4X
JSC     24.50  44 P       02 08.80   -2.4
BONR    24.84 327 P       02 14.20   -0.7
LHS     24.91  44 P       02 12.70   -2.5
KVN     25.58 329 P       02 23.50    1.8
HVU     25.74 341 P       02 23.10    0.0
PTI     26.61 342 P       02 31.30    0.1
BLA     26.86  40 P       02 30.40   -2.9
        0.7s     44.28nm           5.2mb
                  pP      02 39.30   31km
HPI     27.60 342 P       02 39.90   -0.4
ORV     27.71 326 P       02 36.70   -4.3X
CVL     28.55  41 P       02 46.20   -2.4
LRM     29.36 344 eP      02 55.80   -0.4
DPW     32.92 339 P       03 26.20   -1.0
SES     33.39 349 eP      03 30.00   -1.2
RMW     33.91 335 P       03 28.70   -7.1X
GMW     34.38 334 P       03 39.30   -0.5
PNT     34.65 339 eP      03 42.00   -0.1
        0.8s     16.00nm           5.0mb
FFC     36.86 360 ePd     03 58.60   -2.0
        0.8s     14.00nm           4.9mb
ARE     45.16 137 eP      05 11.00    1.3
YKA     45.56 352 eP      05 09.60   -2.4
        0.9s      6.90nm           4.6mb
LPB     47.47 134 P       05 28.70    0.6
BALM    51.92 336 P       06 00.70   -0.7
KLU     53.58 335 P       06 13.20   -0.5
TOA     54.03 336 eP      06 18.40    1.5
INK     54.36 346 ePc     06 17.90   -1.3
        0.8s     25.00nm           5.3mb
PMR     54.93 334 eP      06 23.70    0.2
        0.8s     21.10nm           5.2mb
RSO     55.94 332 P       06 30.30   -0.7
FBA     56.21 338 eP      06 32.80    0.1
        1.0s     19.20nm           5.1mb
PDB     56.30 331 P       06 32.20   -1.2
SVW     57.49 332 eP      06 41.20   -0.7
TTA     58.41 334 eP      06 47.50   -0.8
IMA     58.92 338 eP      06 51.20   -0.7
        0.9s      6.00nm           4.7mb
MBC     59.19 355 eP      06 53.50    0.0
        1.0s      9.00nm           4.9mb
RFA     61.04 149 iP      07 06.50   -0.2
ANM     62.88 334 P       07 17.90   -0.7
                  pP      07 27.10   30km
PDCR    68.64 112 eP      07 56.00   -0.3
DAG     71.16  14 ePd     08 10.30   -0.4
        0.9s     29.41nm           5.3mb
EKA     80.25  35 Pd      09 02.80    0.3
        0.9s     24.30nm           5.2mb
ERUA    81.43  48 eP      09 20.70   11.7X
GRR     83.80  41 eP      09 21.80    0.7
        1.1s     29.30nm           5.4mb
LPF     83.81  42 eP      09 21.50    0.3
AVE     83.83  57 iP      09 22.00    0.4
                  i       09 32.00   32km
FLN     83.91  41 eP      09 22.30    0.6
        1.1s     68.35nm           5.7mb
      Z  20s      0.22um           4.5Msz
GUD     84.09  49 eP      09 30.00    7.1X
EHOR    84.15  52 eP      09 25.50    2.4
LDF     84.19  41 eP      09 23.70    0.6
        0.9s     29.50nm           5.5mb
EJIF    84.41  54 eP      09 26.50    2.1
TIO     84.65  59 iP      09 26.00    0.0
                  i       09 36.00   31km
MFF     84.87  43 eP      09 26.90    0.4
        1.1s     26.85nm           5.4mb
NB2     85.10  27 P       09 28.00    0.6
        0.9s     10.40nm           5.0mb
MAL     85.13  53 iPd     09 29.60    1.6
EBAN    85.14  52 eP      09 29.50    1.4
KEV     85.54  16 eP      09 33.00    3.6X
ETOR    85.54  49 eP      09 32.50    2.4
IFR     85.58  56 iPc     09 31.00    0.4
                  i       09 43.50   41km
ECOG    85.59  52 eP      09 33.00    2.5
EVIA    85.94  51 eP      09 35.00    2.8X
LFF     86.04  44 eP      09 32.70    0.3
        1.0s     38.00nm           5.6mb
BTH     86.05  46 Pc      09 33.00    0.5
                  ipP     09 42.70   30km
                  e       09 49.00
LSF     86.08  43 eP      09 32.50   -0.1
        0.9s     14.75nm           5.2mb
RJF     86.42  44 eP      09 34.50    0.2
        0.9s     16.40nm           5.3mb
LPO     86.43  44 eP      09 34.60    0.3
        1.1s     17.10nm           5.2mb
EPF     86.45  46 eP      09 34.60    0.0
        1.0s     15.00nm           5.2mb
DOU     86.50  38 P       09 39.30    4.8X
                  e       09 45.40   19kmX
TCF     86.50  42 eP      09 34.00   -0.7
        0.9s     14.75nm           5.2mb
APO     86.50  27 eP      09 33.70   -0.7
        0.6s      4.50nm           4.9mb
ECHE    86.74  50 eP      09 46.70   10.7X
MAF     86.76  42 eP      09 35.20   -0.7
        0.9s     16.40nm           5.3mb
BGF     86.81  42 eP      09 35.30   -0.9
        0.8s      9.40nm           5.1mb
CAF     86.92  44 eP      09 36.60   -0.2
        0.9s      8.20nm           5.0mb
ENN     87.00  37 eP      09 30.50   -6.4X
        1.0s     11.00nm           5.0mb
                  e       09 46.50   56kmX
SSF     87.03  41 eP      09 36.40   -0.8
        0.9s     18.00nm           5.3mb
AVF     87.04  42 eP      09 37.30    0.1
        0.9s      9.85nm           5.0mb
LOR     87.17  41 eP      09 37.30   -0.6
        0.9s     19.65nm           5.4mb
      Z  21s      0.25um           4.6Msz
SMF     87.40  42 eP      09 38.90   -0.1
        0.9s      9.85nm           5.1mb
HAU     88.41  40 eP      09 43.00   -0.9
      Z  21s      0.25um           4.6Msz
BSF     88.75  40 eP      09 44.40   -1.2
CDF     88.79  39 eP      09 44.90   -0.9
LPL     89.70  42 eP      09 50.10   -0.2
LPG     89.72  42 eP      09 50.30   -0.2
KAF     90.41  22 eP      10 09.00   16.0X
GRF     90.52  37 eP      09 54.20    0.5
      Z  22s      0.20um           4.5Msz
                  e       10 04.20   31km
CLL     90.72  35 iPd     10 03.90    9.3X
        1.2s     14.00nm           5.2mb
YAK     90.74 338 iPd     09 54.90    0.4
        1.0s     30.00nm           5.6mb
NUR     90.85  24 eP      10 09.00   14.0X
BRG     91.46  35 eP      09 58.00    0.0
        1.4s     24.00nm           5.4mb
                  i       10 07.80   31km
PRU     92.24  35 eP      10 11.30    9.7X
GEC2    92.35  37 PKP     10 01.10   -1.2
        0.9s      1.52nm           4.4mb
TIC     94.23  82 P       10 10.50   -0.9
LIC     94.35  82 P       10 11.40   -0.5
CEY     94.36  39 eP      10 22.00   10.5X
KIC     94.58  82 P       10 12.30   -0.7
ZST     94.62  36 e(P)    10 12.40   -0.2
                  e       10 22.70   32km
KRA     95.11  33 eP      10 14.80    0.0
                  e       10 24.80   31km
SRO     95.51  36 e(P)    10 26.40    9.7X
SPC     95.78  34 eP      10 13.70   -4.5X
PSZ     96.32  35 e(P)    10 22.00    1.5
OBN     99.19  23 iPc     10 42.00    8.8X
        1.0s     18.00nm           5.6mb
      Z  20s      0.60um           5.1Msz
LZH    121.24 336 ePKP    15 45.00   -0.5
        1.5s     23.00nm
WRA    127.21 258 PKP     15 57.00   -0.3
        0.8s      2.10nm
ASPA   128.01 254 iPKPd   15 58.30   -0.4
        1.2s      9.70nm
                  i       16 07.90
QUE    131.04  13 ePKP    16 04.80    0.3
GUN    133.99 351 PKP     16 10.00   -0.4
GKN    134.07 352 PKP     16 10.00   -0.3
KKN    134.19 351 PKP     16 09.40   -1.2
PKI    134.39 351 PKP     16 11.00   -0.2
CHG    138.38 330 ePKP    16 17.90   -0.6
POO    143.62   7 ePKP    16 24.50   -3.3X
HYB    145.01 360 ePKPc   16 28.00   -2.1
        1.0s     70.00nm
                  i       16 38.50
IPM    148.48 313 ePKPd   16 39.80    3.9X
      S.D. = 1.3  on 120 of 150 obs.
-----------------------------------------
?  FEB  12, 1992  12h 28m 20.44± 3.74s
   42.421 N ±32.3km   24.035 E ±11.6km
   DEPTH =  10.0km  (geophysicist)
 BULGARIA                            (359)
      MD 2.5 (THE).

SRS      1.34 194 ePb     28 45.96    0.8
                  eSb     29 10.35
KNT      1.52 214 ePb     28 47.64    0.0
                  eSb     29 12.32
VAY      1.55 225 ePn     28 48.50    0.4
SOH      1.68 198 ePn     28 51.46    1.5
                  eSn     29 18.23
GRG      1.91 220 ePn     28 52.32   -1.0
                  eSn     29 23.16
OUR      2.09 181 ePn     28 55.07   -0.8
ALN      2.14 135 ePn     28 56.87    0.2
                  eSn     29 28.35
PAIG     2.51 186 ePn     29 00.87   -1.0
      S.D. = 1.0  on   8 of   8 obs.
-----------------------------------------
%  FEB  12, 1992  12h 55m 16.87± 0.48s
   42.743 N ± 4.2km   19.159 E ± 4.1km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION          (383)
      ML 1.6 (TTG).

NKY      0.14 301 iPgd    55 20.63    0.4
                  iSg     55 23.16
TTG      0.32 166 iPgd    55 23.90    0.4
                  iSg     55 28.89
BRY      0.48 289 iPgd    55 26.73    0.1
                  iSg     55 33.75
BDV      0.52 208 iPgd    55 27.19   -0.2
                  iSg     55 34.98
IVA      0.56  76 iPgd    55 28.23   -0.1
                  iSg     55 36.84
HCY      0.57 239 iPgd    55 28.09   -0.3
                  iSg     55 36.65
PLE      0.61  16 iPgc    55 29.05   -0.2
                  iSg     55 38.49
PVY      0.62 104 iPgd    55 29.44    0.0
                  iSg     55 38.79
ULC      0.78 175 iPgc    55 32.11    0.0
                  iSg     55 43.40
      S.D. = 0.3  on   9 of   9 obs.
-----------------------------------------
%  FEB  12, 1992  13h 28m 43.06± 1.87s
   45.532 N ± 8.0km     0.018 E ±16.1km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                              (538)

LFF      0.78 139 Pg      28 57.60   -0.7
```

12d 13h

		Sg	29	10.90	
MFF	1.08	354	Pg	29	03.70	0.4
			Sg	29	17.40	
RJF	1.08	102	Pg	29	03.90	0.5
			Sg	29	19.10	
LPO	1 19	135	Pg	29	05.10	-0.1
			Sg	29	23.10	
LSF	1.28	55	Pg	29	08.20	1.4
			Sg	29	25.50	
CAF	1.57	112	Pg	29	12.60	1.6
			Sg	29	33.70	
TCF	1.71	63	Pn	29	13.30	0.3
			Sg	29	37.70	
MAF	1.91	68	Pn	29	16.10	0.1
			Sg	29	44.80	
BGF	2.22	61	Pn	29	20.00	-0.5
			Pg	29	26.80	
			Sg	29	54.40	
LPF	2.60	344	Pg	29	32.10	6.2X
			Sg	30	03.60	
AVF	2.64	60	Pn	29	25.50	-0.9
			Sg	30	07.80	
SSF	2.86	56	Pg	29	35.50	5.9X
			Sg	30	14.60	
SMF	2.88	66	Pn	29	27.70	-2.2
			Pg	29	38.70	
			Sg	30	16.30	
LOR	3.17	55	Pg	29	43.50	9.5X
			Sg	30	25.70	

S.D. = 1.2 on 11 of 14 obs.

& FEB 12, 1992 14h 18m 16.25s
61.039 N 151.298 W
DEPTH = 57.8km
SOUTHERN ALASKA (2)
<AEIC>. ML 3.0 (AEIC), 3.1 (PMR).

SPU	0.39	292	iPc	18	26.74	-0.4
			eS	18	35.47	
CGLM	0.44	308	P	18	27.10	-0.5
CKN	0.47	294	iPc	18	27.53	-0.3
BKG	0.47	274	iPc	18	27.28	-0.6
			eS	18	36.91	
CRP	0.47	299	iPc	18	27.61	-0.4
			eS	18	37.13	
SUA	0.50	32	iPd	18	28.04	-0.3
			eS	18	38.01	
CKL	0.53	288	iPc	18	27.92	-0.7
NCG	0.55	312	iPd	18	28.29	-0.6
BGL	0.58	294	iPc	18	28.49	-0.6
RDT	0.72	230	iPc	18	30.03	-0.7
			eS	18	41.47	
SLKM	0.75	135	iPc	18	30.68	-0.5
DFR	0.81	237	ePc	18	31.28	-0.7
PMS	0.87	75	P	18	32.50	-0.1
REF	0.88	232	iPc	18	32.30	-0.7
			eS	18	45.55	
PWA	0.92	47	P	18	33.50	0.3
			S	18	47.00	
RSO	0.92	232	ePc	18	32.80	-0.7
			eS	18	46.11	
RS2	0.92	232	ePc	18	32.78	-0.7
RS1	0.92	232	iPc	18	32.86	-0.7
RDW	0.93	234	P	18	32.70	-0.9
NCT	0.93	240	P	18	32.00	-1.6
SKT	0.95	353	iPd	18	32.81	-0.9
			eS	18	46.28	
NNL	1.00	180	ePc	18	34.99	0.6
PLRM	1.18	61	ePd	18	36.03	-0.8
			eS	18	53.46	
PMR	1.18	61	eP	18	36.40	-0.4
BRLK	1.30	171	ePd	18	37.78	-0.6
			eS	18	56.22	
SEW	1.31	135	eP	18	37.65	-0.9
INE	1.31	222	iPd	18	37.85	-0.9
			eS	18	55.56	
INW	1.33	224	ePd	18	37.99	-1.0
			eS	18	56.17	
GHO	1.36	56	iPd	18	38.66	-0.7
KNK	1.43	74	ePd	18	39.33	-0.9
CUT	1.46	19	iPd	18	39.65	-0.9
CNPM	1.52	179	iPd	18	40.90	-0.6
			eS	18	59.79	
XLV	1.60	188	eP	18	41.87	-0.8
SML	1.62	60	iPd	18	41.82	-1.1
			eS	19	03.29	
KNIM	1.88	110	eP	18	46.73	0.1
PDB	1.91	230	iPd	18	45.15	-1.7
			eS	19	07.99	
LTI	1.98	119	eP	18	46.93	-0.9
AUE	1.98	212	eP	18	47.11	-0.8
AUP	1.99	213	eP	18	47.48	-0.6
AUI	2.01	213	eP	18	47.74	-0.6
GLI	2.06	93	eP	18	46.46	-2.5
MTU	2.09	119	eP	18	47.69	-1.8
HUR	2.10	21	eP	18	49.49	-0.1
SVW	2.10	274	P	18	47.50	-2.2
VZW	2.31	87	eP	18	50.62	-2.0
MCNL	2.40	221	eP	18	52.55	-1.3
TRF	2.47	11	eP	18	54.21	-0.7
			eS	19	24.79	
KTH	2.53	4	eP	18	54.89	-0.8
RND	2.64	25	eP	18	57.25	0.0
KLU	2.64	78	ePc	18	54.96	-2.3
TOA	2.68	64	P	18	57.00	-0.8
MCK	2.92	21	eP	19	01.85	0.6
TTA	2.92	313	eP	18	59.80	-1.6
TZL	2.99	68	eP	19	01.03	-1.2
SGAM	3.04	98	eP	19	03.04	0.1
SDG	3.11	59	eP	19	02.64	-1.4
BWN	3.26	14	eP	19	05.19	-0.8
KDC	3.36	191	P	19	04.60	-2.8
PAX	3.36	52	eP	19	06.54	-1.0
GLB	3.64	80	eP	19	08.96	-2.5
NEA	3.70	15	eP	19	10.37	-1.8
HDA	3.93	29	eP	19	14.84	-0.6
CCB	3.96	22	eP	19	14.39	-1.4
CROM	4.00	90	eP	19	14.95	-1.6
MLY	4.02	3	eP	19	14.91	-1.8
MDM	4.18	18	eP	19	17.35	-1.6
FBA	4.19	21	P	19	17.80	-1.3
GLM	4.34	22	eP	19	20.24	-1.1
BALM	4.35	86	eP	19	20.23	-1.3
YAH	4.74	94	eP	19	24.89	-2.2
CTGM	4.85	87	eP	19	26.01	-2.6
IMA	5.16	349	(P)	19	30.97	-1.9
			S	20	25.00	

72 obs. associated

& FEB 12, 1992 15h 03m 25.18s
64.824 N 147.345 W
DEPTH = 13.2km
CENTRAL ALASKA (1)
<AEIC>. ML 2.5 (AEIC).

GLM	0.17	353	iP	03	28.97	-0.4
FBA	0.21	292	P	03	29.70	-0.2
			S	03	32.90	
CCB	0.27	228	iP	03	30.63	-0.4
MDM	0.40	290	iP	03	33.21	-0.3
HDA	0.45	158	iP	03	34.12	-0.4
			eS	03	40.19	
NEA	0.78	252	eP	03	40.43	0.3
			eS	03	52.68	
PRP	1.04	47	eP	03	44.91	0.3
DJE	1.08	137	eP	03	45.90	0.7
			eS	04	00.43	
BWN	1.13	235	iP	03	45.71	-0.3
			eS	04	00.63	
DDM	1.23	148	eP	03	48.16	0.4
MCK	1.30	213	eP	03	49.26	0.3
MLY	1.46	280	eP	03	51.78	0.6
RND	1.57	206	eP	03	53.43	0.6
DOT	1.86	128	eP	03	58.65	1.7
TRF	1.89	224	eP	03	59.44	1.9
			S	04	23.74	
FYU	1.96	26	eP	04	00.99	2.7
			S	04	25.74	
KTH	2.02	232	eP	04	01.98	2.6
PAX	2.04	155	eP	03	59.48	-0.1
CUT	2.76	210	eP	04	10.26	0.5
SML	3.06	189	eP	04	14.48	0.4
GHO	3.15	194	eP	04	15.52	0.2
PWA	3.39	201	P	04	21.00	2.3
KLU	3.41	168	eP	04	20.06	1.0
SKT	3.42	215	eP	04	19.98	0.8
KNK	3.46	189	eP	04	22.25	2.5
PMS	3.73	197	P	04	25.70	2.0

26 obs. associated

FEB 12, 1992 15h 55m 11.00± 0.36s
40.588 N ± 4.5km 35.805 E ± 3.8km
DEPTH = 10.0km (geophysicist)

4.5mb (16 obs.)
TURKEY (366)
Felt at Amasya.

KVT	0.52	20	iPn	55	20.70	-0.9
CTK	0.75	278	eP	55	26.00	0.2
			eS	55	40.70	
KAS	1.73	298	iPnd	55	42.40	1.0
			iSg	56	04.00	
BBTK	2.45	253	iPd	55	53.00	1.3
			eS	56	27.00	
ADAT	3.54	186	eP	56	08.20	1.1
GAZ	3.58	162	iPn	56	07.30	-0.4
GPA	4.20	268	iPn	56	17.20	0.6
EYL	4.30	272	ePn	56	18.00	-0.1
HRT	4.67	275	iPn	56	24.20	0.9
IZI	4.84	269	iPn	56	25.20	-0.5
GBZT	4.84	274	eP	56	26.00	0.4
YLV	4.90	272	ePn	56	25.70	-0.8
ISK	5.14	278	iPn	56	29.70	-0.1
KHL	5.36	247	ePn	56	33.50	0.4
DST	5.59	262	ePn	56	35.30	-1.0
FAM	5.76	195	eP	56	36.20	-2.4
CSS	5.95	200	eP	56	38.80	-2.4
ELL	6.00	232	ePn	56	44.00	2.0
BNT	6.02	270	ePn	56	42.00	-0.2
DMK	6.19	284	ePn	56	43.50	-1.2
PPCY	6.32	207	eP	56	48.00	1.5
KGT	6.48	272	ePn	56	48.00	-0.8
BHL	6.67	181	P	57	10.00	18.4X
			S	59	08.00	
IZM	6.96	254	ePn	56	56.00	0.5
MSL	7.13	124	eP	57	05.00	7.2X
			e	57	24.50	
			eS	59	00.50	
			eLR	59	12.50	
EZN	7.30	267	eP	56	58.00	-2.2
ISR	8.18	307	eP	57	12.50	-0.1
VRI	8.47	312	eP	57	15.50	-1.1
CLI	8.59	317	ePc	57	16.50	-1.7
MLR	8.72	307	eP	57	19.00	-1.3
CVO	8.76	310	eP	57	19.50	-1.2
VAY	10.04	278	ePn	57	38.00	-0.3
KER	10.92	121	e(P)	57	53.00	2.5
OBN	14.53	2	eP	58	36.70	-1.7
			ePP	58	45.60	
			ePPP	58	57.50	
			iS	01	10.00	
			eSS	01	26.20	
			iSSS	01	42.00	
			LO	03	00.00	
KSP	17.00	314	ePc	59	16.00	5.7X
PRU	17.62	309	eP	59	25.00	7.0X
GEC2	17.70	305	P	59	19.00	-0.1
KHC	17.87	306	eP	59	25.00	3.8X
MAIO	19.03	95	eP	59	36.00	0.5
CLL	19.06	312	eP	59	40.00	4.3X
PGF	20.13	284	eP	59	48.60	0.7
	0.6s		5.40nm			4.1mb
NUR	21.11	345	iP	59	58.50	0.7
	0.7s		12.80nm			4.4mb
LPL	21.75	293	eP	00	08.60	4.0X
KAF	22.31	348	iP	00	11.30	1.5
	0.8s		11.40nm			4.4mb
UPP	22.38	336	iP	00	11.90	1.4
LBF	23.74	296	eP	00	25.00	1.0
	0.7s		7.70nm			4.4mb
SMF	23.81	295	eP	00	25.10	0.4
SSF	24.07	296	eP	00	29.60	2.5
	0.9s		9.85nm			4.4mb
APO	24.12	333	eP	00	29.50	2.1
	0.4s		4.40nm			4.4mb
	Z 17s		0.00um			1.2MszX
			LR	09	08.00	
AVF	24.16	296	eP	00	29.20	1.2
	0.7s		7.70nm			4.4mb
MAF	24.68	294	eP	00	33.90	0.8
	1.0s		14.00nm			4.6mb
TCF	24.93	294	eP	00	35.30	-0.2
	0.7s		1.90nm			3.9mb
NB2	25.42	332	P	00	40.90	0.9
	0.8s		2.40nm			3.9mb
GKN	41.76	92	P	03	01.40	-0.8
	0.8s		19.00nm			4.9mb
DMN	42.32	92	P	03	06.00	-0.9
	0.8s		25.00nm			5.0mb
KKN	42.36	92	P	03	05.80	-1.4

```
        0.6s     10.00nm          4.7mb
PKI     42.57  92 P      03 07.80  -1.2
GUN     42.75  91 P      03 09.60  -1.0
        0.9s     20.00nm          4.8mb
KIC     49.72 238 P      04 04.00  -1.4
LZH     52.36  72 eP     04 27.50   2.1
        1.8s     25.00nm          4.8mb
YKA     74.54 346 eP     06 50.50  -0.7
        0.9s      0.80nm          3.7mb
      S.D. = 1.3  on  54 of  61 obs.
-----------------------------------------
   FEB  12, 1992  15h 59m 48.24± 0.63s
   40.550 N ± 3.4km   35.864 E ± 3.1km
   DEPTH =  11.1 ±  3.7 km
   4.9mb ( 53 obs.)  4.7Msz (  6 obs.)
 TURKEY                            (366)
      Some damage in the Corum-Somsun-
      Amasyo area. Also felt at
      Yozgot.

KVT     0.55  15 iPn    59 58.20  -1.1
CTK     0.80 280 eP     00 04.00   0.2
                eS      00 14.00
KAS     1.79 298 iPgd   00 20.60   1.3
BBTK    2.48 254 iPd    00 30.50   1.2
                eS      01 05.00
ADAT    3.51 187 eP     00 45.00   1.3
GAZ     3.53 162 iPn    00 44.90   0.8
GPA     4.25 268 iPn    00 54.70   0.4
EYL     4.35 272 ePn    00 56.10   0.3
HRT     4.72 275 iPn    01 02.20   1.1
IZI     4.88 270 iPn    01 03.20  -0.2
GBZT    4.89 275 eP     01 03.40   0.0
YLV     4.94 272 iPn    01 04.60   0.3
ISK     5.19 278 iPn    01 07.70   0.1
ITU     5.23 278 iPnd   01 08.50   0.4
                iSg     02 39.00
KHL     5.39 248 iPn    01 08.90  -1.7
DST     5.63 263 iPn    01 13.30  -0.6
FAM     5.74 195 eP     01 14.00  -1.4
KCT     5.74 269 iPn    01 15.20  -0.2
CSS     5.93 201 eP     01 16.60  -1.4
ELL     6.01 233 iPn    01 21.00   1.7
BNT     6.06 271 iPn    01 19.10  -0.8
EDC     6.11 271 ePn    01 21.00   0.4
DMK     6.25 284 iPn    01 21.00  -1.5
PPCY    6.31 207 eP     01 25.00   1.6
KGT     6.53 272 iPn    01 26.30  -0.2
BHL     6.64 182 P      01 27.90  -0.3
                S       03 24.00
CIN     6.73 247 eP     01 27.00  -2.4
IZM     6.99 255 iPn    01 31.70  -1.4
JMB     7.22 288 eP     01 35.00  -1.3
EZN     7.34 267 iP     01 36.10  -1.8
PRK     7.49 263 eP     01 39.80  -0.2
BRNI    7.85 185 eP     01 44.30  -0.7
DIM     7.92 284 iP     01 44.00  -2.0
KDZ     7.97 281 iPd    01 46.00  -0.7
BRD     8.14 310 ePd    01 50.00   0.9
ISR     8.24 307 iPc    01 50.00  -0.5
PVL     8.30 292 eP     01 49.00  -2.3
RZN     8.49 281 eP     01 52.00  -2.2
VRI     8.53 312 eP     01 52.50  -2.0
PLD     8.54 284 eP     01 53.00  -1.7
CLI     8.64 317 ePc    01 54.00  -2.1
MLR     8.78 307 iPc    01 56.50  -1.7
CVO     8.82 310 ePd    01 57.50  -1.1
IAS     8.94 321 eP     01 57.00  -3.2X
PGB     9.00 287 iPd    01 59.00  -2.0
MTUR    9.20 304 eP     02 03.00  -0.9
MMB     9.23 280 eP     02 02.00  -2.2
VTS     9.70 286 eP     02 10.00  -0.9
MDB    10.06 308 iPc    02 16.00   0.4
RMN    10.08 186 eP     02 16.80   0.8
VAY    10.09 279 iPn    02 15.40  -0.7
                i       04 27.40
                i       05 15.40
                Lg      05 24.50
MBH    10.79 185 eP     02 25.50  -0.2
SKO    10.95 282 iPn    02 30.00   2.1
      Z  10s      9.72um
      E  10s      7.67um
                e       04 12.00
                e       04 53.00
                i       05 02.70
                LR      37 13.00
HLW    11.29 200 eP     02 25.00  -7.4X
                e       02 32.00
                e       04 42.00
BMR    11.38 313 ePc    02 31.00  -2.7
OHR    11.43 278 ePn    02 36.00   1.5
BEO    12.11 296 ePn    02 47.00   3.4X
PSZ    13.60 308 e(P)   03 00.00  -3.4X
UZD    13.90 301 eP     03 10.90   3.6X
BUD    13.95 305 e(P)   03 11.00   3.1X
SPC    14.02 313 eP     03 02.90  -6.2X
                i       03 25.20
SRO    14.52 306 eP     03 23.00   7.6X
OBN    14.57   2 eP     03 12.50  -3.4X
        2.0s   320.00nm          5.6mb
      Z  12s      2.00um          5.1Msz
      N  12s      1.70um
      E  16s      1.30um
                iPP     03 22.20
                iPPP    03 33.30
                iS      05 46.00
                iSS     06 03.00
                LQ      06 30.00
KRA    14.67 316 eP     03 24.30   7.0X
        1.0s    81.00nm          5.2mb
      Z  12s      1.80um          4.7MszX
                e       03 33.00
                e       11 05.30
ZAG    15.42 297 eP     03 27.50   0.4
ZST    15.42 306 eP     03 23.00  -4.1X
PTJ    15.45 297 eP     03 26.40  -1.3
MGR    15.49 275 P      03 31.90   3.7X
SOI    15.53 267 P      03 30.00   1.3
SGO    15.63 277 P      03 29.30  -0.6
VBY    15.85 295 ePnd   03 32.00  -0.8
                e       03 36.00
                i       03 40.50
VKA    15.93 305 i(P)   03 28.80  -4.9X
DUI    16.17 281 P      03 41.10   4.1X
RIY    16.43 294 eP     03 39.90  -0.2
LJU    16.45 297 eP     03 41.00   0.5
CEY    16.47 295 iP     03 41.20   0.5
                i       03 44.90
SDI    16.65 281 P      03 44.70   1.6
MEU    16.67 265 P      03 49.10   5.8X
VOY    16.89 296 eP     03 45.60  -0.5
TRI    16.92 295 eP     03 47.30   1.0
AZI    16.92 282 P      03 50.00   3.7X
KSP    17.06 314 eP     03 46.40  -1.7
        1.1s    46.00nm          4.5mb
                id      03 48.80
GIB    17.10 268 P      03 56.40   7.6X
ARV    17.27 287 P      03 51.80   0.9
SHI    17.41 123 eP     03 51.00  -1.8
MNS    17.47 284 P      03 55.70   2.4
ASS    17.47 286 P      03 55.70   2.3
KBA    17.48 299 iPd    03 53.30  -0.3
        1.3s    48.80nm          4.5mb
                ic      03 54.10
                i       04 17.90
                i       04 28.30
PRU    17.68 309 iPd    03 58.60   2.8X
        1.4s    40.40nm          4.4mb
      Z  22s      1.90um          5.2Msz
      N  22s      2.00um
      E  22s      2.60um
                e       04 05.50
PRU    17.68 309 eP     03 55.50  -0.3
        2.6s   272.20nm          4.9mb
      Z  14s      2.60um          6.3Msz
      N  17s      2.70um
      E  12s      2.30um
                e       04 01.00
                e       05 13.80
                eS      07 30.00
FVI    17.75 298 P      03 57.50   0.8
GEC2   17.76 305 Pd     03 54.40  -2.5
        1.0s    18.68nm          4.2mb
KHC    17.93 306 iPd    03 58.60  -0.4
        1.4s    40.40nm          4.4mb
      Z  22s      1.90um          5.1MszX
      N  22s      2.00um
      E  22s      2.60um
                e       04 05.50
CRE    18.00 288 P      04 02.10   2.1
SFI    18.08 289 P      04 03.20   2.4
PGD    18.17 288 P      04 03.40   1.2
WET    18.37 306 eP     04 03.90  -0.5
        1.3s    94.00nm          4.8mb
BRG    18.39 311 iPd    04 07.20   2.5
        1.8s    85.00nm          4.6mb
      Z  18s      2.50um          4.5MszX
      N  18s      2.50um
      E  18s      3.50um
                e       06 52.00
                i       08 43.60
                i       09 11.60
CTI    18.43 295 P      04 06.30   1.0
FIR    18.51 288 eP     04 11.00   4.9X
SOTA   18.94 299 iPd    04 10.00  -1.5
        1.7s   108.00nm          4.8mb
                ic      04 11.10
                i       04 35.90
MAIO   18.98  95 eP     04 12.00   0.0
BDI    18.99 289 P      04 14.00   1.9
OGA    18.99 298 eP     04 13.00   0.8
FUR    19.10 302 eP     04 14.00   0.6
CLL    19.12 312 iP     04 14.70   1.2
        2.4s   350.00nm          5.2mb
                eS      07 52.00
HOF    19.38 308 iPc    04 16.90   0.1
OSS    19.56 297 ePc    04 19.40   0.4
GRF    19.57 306 ePc    04 19.10   0.1
      Z  25s      1.30um
                e       04 21.40
                e(S)    07 00.00
                e       08 00.00
MOX    19.66 309 iP     04 20.20   0.3
        2.7s   360.00nm          5.2mb
      Z  16s      1.60um          4.5MszX
      N  16s      2.00um
      E  18s      1.80um
                e       07 13.00
                e       07 55.00
BOB    19.84 291 P      04 22.90   0.9
VDL    19.99 296 ePc    04 24.10   0.5
BSD    20.13 323 iP     04 22.30  -2.5
        0.7s    17.00nm          4.5mb
                e       07 40.00
TMA    20.35 295 ePc    04 27.00  -0.4
LLS    20.37 297 ePc    04 26.50  -1.1
VAI    20.40 294 P      04 28.00   0.3
PCP    20.48 290 P      04 27.75  -0.8
CKI    20.67 290 P      04 34.30   3.8X
FIN    20.71 289 P      04 32.26   1.3
SLE    20.85 299 ePc    04 31.50  -0.8
ZLA    20.87 299 ePc    04 31.80  -0.8
ORO    20.93 293 P      04 36.10   2.8X
ORX    20.93 293 P      04 33.19  -0.1
IMI    20.94 288 P      04 32.88  -0.5
ROB    20.96 290 P      04 34.93   1.4
NUR    21.16 345 iP     04 35.60   0.3
        0.7s    43.90nm          5.0mb
FEL    21.19 300 P      04 34.12  -1.8
SBF    21.27 288 eP     04 38.70   1.9
        0.8s    63.15nm          5.1mb
ENR    21.28 289 P      04 36.37  -0.5
STV    21.35 289 P      04 36.67  -0.9
DIX    21.37 294 ePc    04 37.70  -0.2
BHB    21.40 291 P      04 38.62   0.6
DOI    21.41 290 P      04 39.40   1.3
RSP    21.42 292 P      04 38.52   0.3
BBS    21.46 298 P      04 37.69  -0.9
LSD    21.50 293 P      04 40.67   1.4
LIBD   21.50 300 P      04 38.72  -0.2
PZZ    21.51 290 P      04 38.52  -0.7
COP    21.61 322 iPc    04 29.90 -10.0X
        0.9s    57.14nm
                iS      08 41.00
EMS    21.70 294 ePc    04 40.50  -0.7
RRL    21.74 291 P      04 42.82   1.1
CDF    21.77 301 P      04 41.35  -0.4
MOF    21.77 299 P      04 41.18  -0.5
LPL    21.80 293 iPc    04 42.40   0.1
        1.0s    30.00nm          4.7mb
ECH    21.81 300 P      04 41.61  -0.5
BNI    21.82 292 P      04 45.70   3.3X
FRF    21.85 288 iPc    04 44.20   1.7
        1.1s    68.35nm          5.0mb
LOMF   21.90 298 P      04 42.54  -0.5
LMR    21.96 287 eP     04 45.80   2.2
        1.4s    65.35nm          4.9mb
BSF    21.99 299 iPc    04 43.40  -0.6
        1.2s    53.55nm          4.8mb
LRG    22.07 287 ePc    04 46.80   2.2
        1.2s    65.45nm          4.9mb
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12d 16h

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     Z  23s     1.27um          4.3MszX
HAU     22.31 299 iPc    04 46.60  -0.5
        1.1s    29.30nm           4.7mb
KAF     22.36 348 iP     04 47.60   0.3
        0.9s    63.30nm           5.1mb
BNS     22.43 307 eP     04 47.90  -0.2
UPP     22.44 336 eP     04 54.00   5.9X
VITF    22.58 300 P      04 49.08  -0.7
WLF     22.74 304 P      04 51.00  -0.2
MEM     23.05 306 P      04 55.30   1.1
ENN     23.14 306 eP     04 55.00  -0.1
        1.1s   132.00nm           5.4mb
MUD     23.57 321 eP     05 01.00   1.8
        0.9s    48.00nm           5.1mb
DOU     23.81 304 P      05 01.80   0.1
SMF     23.87 295 eP     05 02.70   0.4
LOR     23.90 297 iPc    05 02.80   0.2
        1.3s    65.00nm           5.0mb
COLF    23.94 293 P      05 03.58   0.6
HFS     23.96 332 eP     05 05.20   2.2
        0.5s     9.20nm           4.6mb
PLDF    24.00 294 P      05 04.46   0.9
SNF     24.09 305 Pc     05 08.50   4.1X
SSF     24.12 296 iPc    05 05.00   0.3
        1.3s   102.90nm           5.3mb
AVF     24.21 296 iPc    05 06.20   0.6
LBL     24.25 292 P      05 06.79   0.7
AGO     24.34 294 P      05 08.62   1.8
PYM     24.42 293 P      05 10.38   2.6X
BGF     24.55 295 iPc    05 09.10   0.2
        0.8s    32.25nm           5.0mb
MAF     24.74 294 eP     05 10.70   0.0
        1.0s    72.00nm           5.3mb
TCF     24.98 295 iPc    05 13.70   0.6
        1.5s   172.35nm           5.5mb
CAF     25.10 291 eP     05 14.50   0.3
        1.1s    19.55nm           4.7mb
LSF     25.46 294 eP     05 17.90   0.4
        0.9s    24.55nm           4.9mb
RJF     25.47 292 eP     05 18.40   0.7
        1.2s    41.65nm           5.0mb
     Z  21s     1.58um           4.5Msz
NB2     25.47 332 P      05 18.20   0.6
        0.9s    10.10nm           4.5mb
LPO     25.73 291 eP     05 21.50   1.4
        1.1s    29.30nm           4.9mb
LFF     26.04 291 eP     05 23.20   0.3
        1.1s    18.95nm           4.7mb
EPF     26.48 287 eP     05 25.60  -1.6
        0.7s     5.50nm           4.4mb
MFF     26.62 295 iPc    05 27.30  -1.0
        0.7s    26.45nm           5.0mb
LDF     26.67 300 eP     05 28.30  -0.4
        1.3s    75.80nm           5.2mb
BTH     26.87 287 eP     05 30.00  -0.6
                  i      05 34.00
                  sP     05 43.00
                  iPP    06 20.50
FLN     26.92 300 iPc    05 30.40  -0.6
     Z  21s     1.40um           4.5Msz
GRR     27.14 299 iPc    05 31.90  -1.2
        0.9s    26.20nm           4.9mb
QUE     27.25 102 eP     05 34.00  -0.4
LPF     27.25 298 iPc    05 32.80  -1.2
        1.1s    73.25nm           5.3mb
AVE     35.07 272 eP     06 48.50   5.3X
                  i      07 00.00
NDI     35.73  96 eP     06 48.00  -0.8
TIO     35.99 268 iP     06 52.50   1.3
GKN     41.71  92 P      07 38.60  -0.3
        0.7s    34.00nm           5.2mb
DMN     42.27  92 P      07 42.60  -1.0
        1.0s    68.00nm           5.3mb
KKN     42.31  92 P      07 43.60  -0.2
        0.8s    23.00nm           5.0mb
PKI     42.52  92 P      07 44.80  -0.9
        1.1s    32.00nm           5.0mb
GUN     42.70  91 P      07 47.00  -0.2
        1.0s    56.00nm           5.2mb
HYB     43.33 109 ePd    07 50.00  -2.0
TIC     49.71 238 P      08 41.34  -1.0
        1.1s    18.00nm           5.0mb
KIC     49.74 238 P      08 41.64  -1.0
        0.9s    11.00nm           4.9mb
LIC     50.03 238 P      08 43.78  -1.0
        1.0s    26.00nm           5.1mb
     Z  20s     0.35um           4.4Msz
```

```
LZH     52.33  72 eP     09 01.00  -1.3
        1.5s    31.00nm           5.0mb
     Z  20s     1.78um           5.1Msz
     N  15s     0.97um
     E  15s     0.84um
                  i      09 05.00
                  pP     09 12.50  40kmX
YAK     56.85  34 eP     09 35.40   0.7
     Z  18s     0.80um           4.9Msz
CHG     57.70  92 eP     09 43.90   2.6
BJI     59.11  62 eP     09 53.00   2.1
     Z  20s     1.81um           5.2Msz
                  eS     17 52.00
MBC     62.41 354 eP     10 21.00   8.2X
YKA     74.59 346 eP     11 27.50  -1.0
        0.9s     2.40nm           4.2mb
FBA     74.85   2 (P)    11 32.00   2.0
FFC     78.47 337 eP     11 52.00   1.6
        0.6s     5.00nm           4.7mb
SES     84.90 339 eP     12 25.00   0.8
PRM     86.44 313 (P)    12 34.41   2.4
     S.D. = 1.2  on 183 of 211 obs.
-------------------------------------
% FEB 12, 1992  16h 22m 26.10± 0.71s
  40.470 N ± 5.9km   23.652 E ± 7.3km
  DEPTH =  10.0km  (geophysicist)
 GREECE                          (364)
       MD 2.3 (THE).

OUR      0.29 118 ePg    22 32.50   0.4
                  eSg    22 36.85
SOH      0.42 327 ePg    22 34.23  -0.4
                  eSg    22 39.78
PAIG     0.54 178 ePg    22 36.85  -0.2
                  eSg    22 44.17
SRS      0.65 356 ePg    22 38.30  -0.8
                  eSg    22 48.10
KNT      0.90 321 ePg    22 43.89   0.6
                  eSg    22 54.85
LIT      0.96 248 ePg    22 43.82  -0.6
GRG      1.07 297 ePg    22 47.26   1.0
                  eSg    23 02.05
     S.D. = 0.8  on    7 of   7 obs.
-------------------------------------
   FEB 12, 1992  17h 06m 23.71± 0.21s
   16.222 S ± 5.5km  173.071 W ± 5.9km
   DEPTH =  47.7km  (  3 depth phases)
   5.1mb ( 22 obs.)  5.2Msz (  5 obs.)
 TONGA ISLANDS                   (173)
       CENTROID, MOMENT TENSOR   (HRV)
       Data Used: GDSN
       L.P.B.: 29S, 51C
       Centroid Location:
       Origin Time        17:06:28.7 0.4
       Lat 16.10S 0.04 Lon 172.57W 0.06
       Dep  15.0 FIX Half-duration  1.7
       Moment Tensor;   Scale 10**17 Nm
         Mrr= 0.88 0.05  Mtt=-1.21 0.06
         Mff= 0.33 0.07  Mrt= 0.29 0.17
         Mrf=-0.93 0.14  Mtf= 1.00 0.05
        Principal Axes:
         T  Val=  1.63  Plg=48  Azm=103
         N        0.24      38      312
         P       -1.87      15      210
       Best Double Couple:Mo=1.8*10**17
         NP1:Strike=261 Dip=45 Slip=  29
         NP2:       149     70      131

DZM     20.20 250 iPd    10 56.90  -0.5
AFR     22.33  97 eP     11 19.00   0.2
        0.8s    40.00nm           4.9mb
HBZ     22.62 198 eP     11 23.90   2.4
WCZ     22.62 207 P      11 21.60   0.1
KUZ     22.74 204 P      11 23.40   0.7
TVO     22.83  97 eP     11 24.00   0.2
        0.8s    70.00nm           5.1mb
PUZ     23.07 198 eP     11 27.30   1.3
TBI     23.30 111 iP     11 27.80  -0.5
        0.9s    80.00nm           5.2mb
URZ     23.59 200 eP     11 30.60  -0.4
NOZ     23.64 198 eP     11 33.40   2.0
WLZ     23.75 203 P      11 34.10   1.6
PATZ    23.99 201 P      11 38.40   3.5X
PMO     24.27  91 eP     11 36.00  -1.8
        0.8s    30.00nm           4.9mb
MOZ     24.62 203 eP     11 41.70   0.7
RUV     24.75  91 eP     11 40.00  -2.3
```

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        0.8s    35.00nm           4.9mb
RUZ     24.98 202 eP     11 42.70  -1.7
PGZ     26.01 199 eP     11 53.50  -0.5
MNG     26.26 200 eP     11 56.70   0.4
        0.2s    26.00nm           5.4mb
ORZ     27.51 204 eP     12 07.10  -0.6
THZ     28.18 203 eP     12 15.10   1.3
KHZ     28.52 201 eP     12 16.50  -0.3
DSZ     28.58 204 eP     12 18.10   0.7
LTZ     29.29 202 P      12 20.80  -3.0X
EWZ     30.45 203 eP     12 33.60  -0.4
BWZ     31.68 204 eP     12 42.90  -1.9
ODZ     31.84 202 eP     12 46.50   0.3
BRS     33.50 245 eP     13 00.00  -0.9
ARMA    35.20 240 iPd    13 15.10  -0.5
        0.5s    19.00nm           5.3mb
RKT     36.45 107 iP     13 24.20  -1.8
        1.4s   120.00nm           5.6mb
RMQ     36.87 247 eP     13 28.00  -1.6
CAN     38.79 233 eP     13 44.30  -1.4
BWA     38.96 235 eP     13 45.80  -1.3
CMS     40.29 240 iPd    13 57.50  -0.6
        0.6s    15.00nm           5.0mb
OLP     40.90 248 eP     14 02.00  -1.1
MDG     41.79 280 eP     14 10.10  -0.4
TOO     42.20 232 eP     14 13.40  -0.3
OIS     45.00 257 eP     14 36.00  -0.6
        0.2s     1.00nm           4.3mb
WRA     49.97 257 P      15 14.60  -0.8
        0.6s     9.40nm           5.0mb
ASPA    50.16 253 iPc    15 15.70  -1.2
        0.6s    49.50nm           5.7mb
     Z  19s     2.50um           5.2Msz
                  eS     22 20.80
MTN     53.99 266 eP     15 44.00  -1.5
FORR    55.30 244 eP     15 53.40  -1.6
WARB    56.65 249 eP     16 03.80  -1.0
        0.4s    10.00nm           5.2mb
COOL    61.28 243 eP     16 36.00  -0.8
BAL     65.11 243 eP     17 01.50  -0.6
        0.5s    19.00nm           5.4mb
MUN     65.42 242 eP     17 03.10  -1.0
        0.5s    64.00nm           5.9mb
MRWA    65.85 245 eP     17 07.00   0.2
MAT     69.77 320 (P)    17 31.00  -0.1
                  eS     27 04.00
PLM     72.83  47 eP     17 53.00   3.2X
SBB     72.90  45 eP     17 50.00   0.0
ISA     73.02  44 eP     17 51.00   0.3
ORV     73.41  39 P      17 52.70  -0.1
TPC     73.80  46 eP     17 55.00  -0.3
SPA     73.88 180 iPc    17 57.80   2.4
        1.1s    25.60nm           5.1mb
                  e      39 59.80
BONR    74.45  42 P      17 57.20  -2.1
TNP     75.22  42 P      18 02.70  -0.9
LON     77.77  33 P      18 16.60  -0.8
GMW     77.78  32 P      18 17.20  -0.2
SVW     78.32   9 eP     18 20.60   0.4
MSU     78.79  44 P      18 23.40  -0.1
                  pP     18 37.40  49km
DUG     79.25  43 P      18 25.20  -0.6
        1.0s     6.47nm           4.5mb
                  pP     18 39.60  50km
PMR     79.86  11 eP     18 28.70   0.3
        0.5s     9.70nm           5.0mb
TTA     80.02   8 eP     18 30.40   1.0
HVU     80.11  41 P      18 30.00  -0.4
SRU     80.20  44 P      18 30.20  -0.8
DAU     80.38  43 P      18 31.80  -0.3
DPW     80.39  34 P      18 31.30  -0.3
                  pP     18 44.40  44km
KLU     80.41  13 P      18 31.60   0.1
PNT     80.54  32 eP     18 32.00  -0.3
        0.7s    22.00nm           5.2mb
BALM    80.82  15 P      18 33.00  -0.7
TOA     80.91  12 eP     18 35.40   1.3
LRM     82.46  38 eP     18 42.20  -0.6
FBA     83.14  11 eP     18 45.30  -0.2
        0.7s    41.80nm           5.6mb
IMA     83.33   8 eP     18 47.70   1.1
        0.7s     2.60nm           4.4mb
SES     85.69  35 ePc    18 57.50  -1.2
BJI     86.26 313 eP     19 02.00   0.4
        1.2s    11.00nm           5.0mb
MEO     86.91  53 iPc    19 04.00  -1.0
IPM     87.34 276 ePc    19 09.50   2.0
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INK     88.99  14 eP     19 13.50   -0.7
YKA     90.72  23 eP     19 35.50   13.1X
         0.9s      2.90nm
CHG     93.27 289 eP     19 37.00    2.0
MBC     97.67  11 eP     19 54.50    0.6
KRA    144.65 345 ePKP   25 55.50   -1.2
                  e      26 09.70
KSP    144.65 350 iPKPc  25 56.20   -0.5
                  e      26 10.20
CLL    144.66 353 iPKPd  25 56.00   -0.6
BRG    144.98 352 ePKP   25 56.80   -0.4
                  e      26 12.80
MOX    145.45 355 ePKP   25 58.30    0.2
         1.3s     24.00nm
                  e      26 13.70
MEM    145.69   1 PKPc   25 59.30    0.9
SNF    145.73   3 PKP    26 00.20    1.7
PRU    145.76 351 PKP    25 59.50    0.9
         1.2s     12.60nm
                  e      26 16.50
VRI    146.12 335 ePKPc  26 01.50    2.2
DOU    146.16   3 PKPd   26 01.20    2.0
CVO    146.38 335 ePKP   26 02.50    2.7X
GRF    146.44 355 ePKP   26 02.40    2.7X
       Z  20s      0.20um          4.9Msz
                  e      26 16.20
WLF    146.64   1 PKP    26 03.00    3.1X
KHC    146.73 352 PKPc   26 02.00    1.8
         1.4s     20.60nm
                  e      26 16.10
MLR    146.74 335 ePKP   26 04.00    3.5X
ISR    146.79 334 ePKP   26 04.00    3.5X
FLN    146.98   9 ePKP   26 03.10    2.5
         0.6s      9.90nm
       Z  19s      0.52um          5.3Msz
GEC2   147.00 352 PKP    26 01.80    1.1
         0.9s      6.42nm
ZST    147.03 347 e(PKP)26 03.10    2.4
                  e      37 16.50
SRO    147.13 346 ePKP   26 03.20    2.4
LDF    147.20   9 ePKP   26 02.90    2.0
         0.5s      5.10nm
GRR    147.29  10 ePKP   26 03.40    2.3
         0.6s     14.45nm
LPF    147.61  10 ePKP   26 04.40    2.8X
         0.9s     19.65nm
CDF    147.90 360 PKP    26 06.10    3.9X
ECH    148.09 360 PKP    26 06.35    3.9X
BHG    148.21 352 iPKPc  26 07.00    4.4X
HAU    148.30   1 ePKP   26 06.60    3.8X
         0.5s      4.35nm
       Z  21s      0.30um          5.1Msz
FEL    148.42 359 PKP    26 07.31    4.2X
MOF    148.46 360 PKP    26 08.42    5.3X
KBA    148.78 352 iPKPc  26 08.00    4.2X
         1.1s     23.30nm
                  i      26 14.90
JMB    148.89 331 ePKP   26 09.00    5.2X
LOR    148.94   4 ePKP   26 08.30    4.5X
         0.9s     13.10nm
       Z  19s      0.43um          5.3Msz
LOMF   148.96   0 PKP    26 08.79    4.9X
SSF    149.12   5 ePKP   26 08 80    4.7X
         0.9s     19.65nm
MFF    149.14  10 ePKP   26 08.50    4.4X
LBF    149.23   4 ePKP   26 08.90    4.6X
         1.1s     17.10nm
AVF    149.38   5 ePKP   26 09 00    4.6X
         1.1s     13.45nm
PTJ    149.46 348 e(PKP)26 08 90    4.2X
SMF    149.56   4 ePKP   26 09 40    4.7X
         1.1s     12.20nm
BGF    149.56   6 ePKP   26 09.80    5.1X
LJU    149.60 350 e(PKP)26 03.00   -1.8
VOY    149.71 350 e(PKP)26 09.00    3.9X
LSF    149.72   7 ePKP   26 09.70    4.7X
TCF    149.77   7 ePKP   26 09.90    4.8X
MAF    149.87   6 ePKP   26 10.60    5.4X
         1.2s     20.85nm
PGB    149.89 334 ePKP   26 11.00    5.6X
CSS    149.90 313 ePKP   26 16.60   11.0X
CEY    149.91 349 ePKP   26 07.00    1.7
                  i      26 10.90
VBY    149.98 348 ePKP   26 11.30    5.9X
                  ePKPab26 24.70
CTI    150.00 353 PKP    26 10.90    5.3X
PLD    150.02 333 ePKP   26 11.00    5.5X
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TRI    150.05 350 ePKP   26 10.70    5.2X
KDZ    150.07 332 ePKP   26 12.00    6.3X
VTS    150.25 335 ePKP   26 12.00    5.9X
RZN    150.35 332 ePKP   26 12.00    5.7X
PYM    150.38   6 PKP    26 12.46    6.4X
LPL    150.79   0 ePKP   26 13.90    7.0X
         1.1s     17.10nm
MMB    150.87 334 iPKPc  26 13.00    6.1X
LFF    150.90   9 ePKP   26 13.00    6.2X
LBL    150.91   5 PKP    26 13.29    6.4X
CAF    151.09   7 ePKP   26 13.50    6.4X
         1.0s      8.00nm
LPO    151.22   9 ePKP   26 14.00    6.7X
         1.1s     19.55nm
BNI    151.26   0 PKP    26 16.30    B.8X
SKO    151.46 337 ePKP   26 14.50    6.8X
VAY    151.57 335 ePKP   26 14.00    6.1X
SFI    152.08 352 PKP    26 16.80    8.3X
OHR    152.45 337 ePKP   26 07.50   -1.8
BCAO   163.66 225 ePKPc  26 35.50   12.3X
         0.5s      5.00nm
                  id     27 17.20
      S.D. = 1.2  on  97 of 149 obs.
-----------------------------------
?  FEB  12, 1992  17h 28m 21.42± 4.74s
   17.053 N ±14.1km   94.739 W ±42.1km
   DEPTH =  33.0km  (normal)
 CHIAPAS, MEXICO                  ( 61)

PBJ      0.89 226 (P)    28 38.00    0.5
                  (S)    28 48.00
OXX      1.90 271 iP     28 53.50    1.2
                  iS     29 15.00
LVVM     3.13 329 iP     29 08.50   -1.0
                  iS     29 44.50
IISM     3.16 308 iP     29 11.00    1.0
                  iS     29 47.50
IIT      3.92 300 iP     29 21.50    0.4
PPM      4.21 299 iP     29 26.00    0.7
                  iS     30 14.00
III      4.70 287 eP     29 32.00    0.0
ACX      4.90 269 (P)    29 32.00   -2.8
YKA     47.48 348 eP     37 07.20   12.3X
         0.4s      0.20nm
      S.D. = 1.6  on   8 of   9 obs.
-----------------------------------
*  FEB  12, 1992  17h 33m 10.30± 1.08s
   55.551 S ±27.3km   26.811 W ± 8.4km
   DEPTH =  33.0km  (normal)
   5.0mb (  4 obs.)  4.5Msz (  1 obs.)
 SOUTH SANDWICH ISLANDS REGION    (153)

RFA     35.25 289 iP     40 02.70   -0.9
TACH    37.43 287 eP     40 22.00    0.1
CFA     37.56 292 iPd    40 22.40   -0.7
PEL     37.68 288 iPd    40 25.00    0.9
RTCB    37.95 292 iPd    40 26.50    0.1
PPD     38.13 321 (P)    40 28.00    0.2
LPB     50.04 304 eP     41 58.00   -6.1X
BUL     54.22  72 eP     42 34.50   -0.5
LIC     64.15  24 P      43 43.68    0.1
         0.8s      8.00nm          4.9mb
       Z  20s      0.30um          4.5Msz
KIC     64.35  24 P      43 44.80   -0.1
         1.0s     13.00nm          5.0mb
TIC     64.56  24 P      43 46.16   -0.1
         0.9s     12.50nm          5.0mb
BCAO    70.43  49 iPd    44 23.40    0.3
         0.4s     10.00nm          5.2mb
YKA    135.94 318 ePKP   52 20.20   -7.8X
         0.9s      1.10nm
MBC    143.61 336 ePKP   52 48.00    6.5X
INK    145.55 321 ePKP   52 45.50    0.6
BJI    151.12 107 ePKP   53 01.00    6.5X
      S.D. = 0.6  on  12 of  16 obs.
-----------------------------------
   FEB  12, 1992  18h 44m 13.30± 3.51s
   12.265 N ±33.3km   89.735 W ±22.0km
   DEPTH =  33.0km  (normal)
   3.6mb (  1 obs.)
 OFF COAST OF CENTRAL AMERICA     ( 76)
      Felt (II) at San Salvador, El
      Salvador.

QZA      1.44  30 iPd    44 37.50    0.1
SJAS     1.50  22 iPd    44 38.10   -0.2
VSS      1.54  18 iPd    44 39.10    0.1
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LFU      1.59  22 eP     44 39.50   -0.1
CUSS     1.65 353 eP     44 40.40    0.0
YKA     53.22 346 eP     53 30.50    0.0
         0.7s      0.50nm          3.6mb
      S.D. = 0.2  on   6 of   6 obs.
-----------------------------------
   FEB  12, 1992  19h 11m 26.98± 0.71s
   40.771 N ± 6.2km   21.149 E ± 6.1km
   DEPTH =  10.0km  (geophysicist)
 GREECE                           (364)
      MD 2.4 (THE).

FNA      0.17  86 ePg    11 30.52   -0.4
                  eSg    11 33.85
OHR      0.43 322 iPg    11 34.70   -1.1
                  iSg    11 42.20
                  Lg     11 43.80
GRG      0.97  79 ePg    11 44.50   -0.9
                  eSg    11 59.02
VAY      1.21  62 ePn    11 45.00   -4.5X
SKO      1.22  10 ePg    11 50.80    1.1
                  iSg    12 06.10
                  Lg     12 07.40
LIT      1.22 123 ePb    11 49.42   -0.3
                  eSb    12 06.34
KNT      1.38  73 ePb    11 52.46    0.2
                  eSb    12 08.89
IGT      1.39 207 ePb    11 53.29    1.0
                  eSb    12 12.38
SOH      1.67  88 ePb    11 56.70    0.2
                  eSb    12 14.53
SRS      1.88  79 ePb    11 59.61    0.1
AGG      1.97 152 ePb    11 59.70   -1.1
                  eSb    12 25.10
OUR      2.20 100 ePn    12 05.34    1.2
      S.D. = 1.0  on  11 of  12 obs.
-----------------------------------
*  FEB  12, 1992  19h 40m 36.22± 1.86s
   6.364 S ±16.1km  146.900 E ±20.5km
   DEPTH =  10.0km  (geophysicist)
   4.0mb (  1 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)
      ML 4.5 (PMG).

LAT      0.30 161 iPd    40 42.50   -0.1
YYYY     0.94 277 eP     40 53.80   -0.4
                  eS     41 08.00
MDG      1.57 315 eP     41 04.20    0.0
PMG      3.04 175 eP     41 24.70   -0.5
                  eS     42 10.00
MNDI     3.23 274 eP     41 36.50    B.3X
ASPA    21.27 215 iPd    45 26.00    0.9
         0.9s      5.90nm          4.0mb
      S.D. = 0.8  on   5 of   6 obs.
-----------------------------------
*  FEB  12, 1992  19h 46m 23.14± 0.82s
   46.080 N ± 7.2km   14.219 E ± 6.2km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION       (383)
      MD 2.5 (LJU), 2.0 (TRI). ML 1.9
      (VIE).

LJU      0.22  99 iPgd   46 27.80   -0.1
                  iSg    46 31.00
VOY      0.23 258 iPgc   46 28.30    0.1
                  eSg    46 32.40
CEY      0.37 157 e(Pg)  46 31.00    0.2
                  iSg    46 37.50
TRI      0.49 221 ePg    46 32.80   -0.2
                  iSg    46 40.80
VBY      0.93 128 e(Pg)  46 45.10    4.3X
                  eSg    46 57.80
KBA      1.17 329 iPgc   46 45.10    0.0
                  i      46 48.60
                  iSg    47 01.90
      S.D. = 0.3  on   5 of   6 obs.
-----------------------------------
   FEB  12, 1992  19h 47m 02.88± 0.65s
   40.411 S ± 5.3km  176.548 E ± 8.7km
   DEPTH =  33.0km  (normal)
   3.7mb (  1 obs.)
 NORTH ISLAND, NEW ZEALAND        (159)

PGZ      0.29 225 Pc     47 12.00    1.5
                  S      47 18.40
TEHZ     0.47  26 P      47 13.70    0.7
WAHZ     0.73 348 Pc     47 16.10   -0.6
```

12d 19h

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MNG      0.84 255 P      47 18.70   0.4
                 S      47 29.90
TTH      0.89  14 P      47 19.90   0.8
AMW      1.08 213 P      47 22.60   0.9
MTW      1.09 226 P      47 22.30   0.4
BLW      1.26 220 P      47 24.80   0.6
CAW      1.32 238 P      47 25.30   0.1
KIW      1.32 250 P      47 25.40   0.2
MOH      1.36  20 eP     47 26.20   0.5
BSZ      1.38 296 P      47 26.90   0.9
MOW      1.41 224 P      47 26.30  -0.1
WHH      1.53 358 P      47 28.20   0.0
RUZ      1.59 324 P      47 29.40   0.4
PAHZ     1.60  14 P      47 29.00  -0.2
MRW      1.62 239 eP     47 28.80  -0.7
                 S      47 49.20
TCW      1.90 244 P      47 32.60  -1.0
TAZ      2.18 359 P      47 36.80  -0.6
URZ      2.19  12 P      47 36.40  -1.3
                 S      48 02.40
MOZ      2.33 324 P      47 39.90   0.2
MOZ      4.39 220 eP     48 06.40  -2.5
                 S      48 52.00
WRA     41.32 287 P      54 46.50  -0.6
      0.3s      0.50nm          3.7mb
     S.D. = 0.9  on  23 of  23 obs.
-----------------------------------
   FEB  12, 1992  20h 05m 49.71± 0.79s
   35.776 N ± 6.3km    4.874 W ± 8.0km
   DEPTH =  91.5 ± 16.7 km
 STRAIT OF GIBRALTAR              (385)
     MD 3.0 (RBA). mbLg 3.2 (MDD).

OJEN     0.63 301 eP     06 07.00   1.0
PLAT     0.80 296 eP     06 08.00   0.4
EJIF     0.83 325 iPc    06 09.07   1.2
                 eS     06 21.60
MOMI     0.88 309 eP     06 08.00  -0.4
MAL      1.02  21 ePn    06 07.50  -2.5
                 iSg    06 20.00
ALJ      1.07 327 eP     06 10.00  -0.8
EPRU     1.22 346 ePc    06 13.82   1.3
                 eS     06 28.80
GIBL     1.36 321 eP     06 13.00  -1.2
EGUA     1.49  45 iPc    06 14.79  -1.1
                 eS     06 32.60
ECOG     1.83  35 ePc    06 21.54   1.2
EHOR     2.07 352 iPd    06 23.49   0.1
IFR      2.26 185 iP     06 26.00  -0.2
                 iSn    06 51.50
EVAL     2.35 321 iPc    06 27.26   0.0
ENIJ     2.46  60 ePc    06 29.75   1.0
                 eS     06 55.30
EBAN     2.54  20 iPd    06 30.09   0.3
AVE      3.24 221 ePn    06 39.00  -0.4
                 iSn    07 15.00
                 i      07 16.50
EPLA     4.39 348 iPd    06 54.99  -0.3
TIO      5.23 203 iPn    07 07.40   0.3
                 iS     08 05.00
     S.D. = 1.1  on  18 of  18 obs.
-----------------------------------
%  FEB  12, 1992  20h 50m 39.92± 1.11s
   37.990 N ± 9.1km   16.012 E ± 9.1km
   DEPTH =  10.0km  (geophysicist)
 IONIAN SEA                       (399)

SOI      0.09  22 Pd     50 42.70   0.2
                 eSg    50 44.80
ATN      0.47 292 P      50 49.30  -0.1
                 eSg    50 55.50
MNO      1.04 267 P      51 00.70   1.0
                 eSg    51 14.00
CZI      1.23   4 P      51 02.80   0.0
                 eSg    51 23.00
MEU      1.24 224 P      51 02.70  -0.3
GIB      1.57 271 P      51 07.50  -0.4
                 eSn    51 28.00
ROI      1.64  15 P      51 10.00   1.1
                 eSg    51 33.00
TDS      1.69   9 P      51 09.40  -0.1
                 eSn    51 31.00
CSI      1.80   7 P      51 12.20   1.0
MGR      2.17 351 P      51 15.50  -1.1
                 eSn    51 41.50
SGO      2.62 348 P      51 22.90  -0.1
BRT      3.03  17 P      51 27.60  -1.1
     S.D. = 0.8  on  12 of  12 obs.
-----------------------------------
?  FEB  12, 1992  20h 56m 23.80± 5.16s
   15.144 N ± 8.9km   60.457 W ±50.0km
   DEPTH =  31.9 ± 10.6 km
 LEEWARD ISLANDS                  ( 92)
      ML 2.6 (FDF).

CRM      0.59 229 eP     56 35.75   0.0
                 S      56 45.30
MVM      0.72 216 iPd    56 37.65   0.0
                 S      56 48.50
FDF      0.79 239 iPd    56 38.48  -0.1
       0.1s      1.10nm
                 S      56 49.70
BIM      0.86 224 eP     56 39.72   0.1
                 S      56 51.70
BBL      1.05 291 eP     56 42.50   0.1
                 S      56 57.00
MGG      1.13 313 eP     56 43.50   0.0
PAG      1.47 307 eP     56 48.30  -0.1
     S.D. = 0.1  on   7 of   7 obs.
-----------------------------------
*  FEB  12, 1992  21h 43m 28.61± 0.77s
   25.285 N ±12.2km  126.306 E ±12.7km
   DEPTH =  33.0km  (normal)
   4.3mb (  4 obs.)
 RYUKYU ISLANDS                   (238)

BJI     16.99 332 eP     47 27.00   1.8
LZH     22.06 305 eP     48 22.50   0.0
       1.4s     22.00nm          4.4mb
                 sP     48 37.50
                 i      48 59.50
LOE     24.17 256 eP     48 42.00  -1.0
CHG     26.14 261 eP     49 04.00   2.4
GUN     36.13 283 P      50 29.00  -1.2
PKI     36.58 283 P      50 33.40  -0.5
KKN     36.67 283 P      50 34.20  -0.3
DMN     36.84 283 P      50 35.80  -0.2
GKN     37.22 284 P      50 39.00   0.0
WRA     45.63 169 P      51 46.50  -1.3
       0.5s      1.20nm          4.1mb
OIS     47.37 163 eP     52 12.00  10.5X
       0.5s      4.00nm
ASPA    49.21 171 iPc    52 18.00   2.1
       1.2s      3.30nm          4.2mb
                 e      52 27.40
TTA     62.22  30 eP     53 37.30 -11.9X
SVW     62.47  32 eP     53 42.00  -8.8X
IMA     63.14  27 eP     53 56.10   0.8
INK     70.44  23 eP     54 41.00  -0.2
MBC     71.15  13 eP     54 44.50  -0.9
NB2     79.38 333 P      55 31.10  -1.5
       0.9s      4.70nm          4.5mb
     S.D. = 1.3  on  15 of  18 obs.
-----------------------------------
&  FEB  12, 1992  21h 53m 01.06s
   62.601 N          151.270 W
   DEPTH =  98.8km
 CENTRAL ALASKA                   (  1)
      <AEIC>.

CUT      0.50 113 iPd    53 16.79  -0.1
SKT      0.63 191 iPc    53 17.84  -0.2
                 eS     53 30.02
HUR      0.84  63 iPd    53 19.67  -0.3
                 eS     53 33.44
TRF      0.96  27 ePd    53 21.10  -0.4
                 S      53 36.72
KTH      0.97   9 ePd    53 21.07  -0.4
                 eS     53 36.71
PWA      1.16 145 eP     53 23.80   0.4
SUA      1.17 167 ePc    53 23.57  -0.2
NCG      1.27 200 iPc    53 24.69  -0.3
RND      1.37  53 iPd    53 25.76  -0.3
                 eS     53 45.70
GHO      1.38 126 iPc    53 26.45   0.2
                 eS     53 46.17
CRP      1.40 198 ePc    53 26.50  -0.1
                 S      53 46.46
PMR      1.43 134 eP     53 27.00   0.3
PLRM     1.43 134 eP     53 26.47  -0.2
BGL      1.44 202 ePc    53 27.40   0.4
CKN      1.45 198 ePc    53 27.23   0.2
SPU      1.47 195 iPc    53 27.09  -0.3
                 eS     53 47.36
CKL      1.50 200 iPc    53 27.86   0.1
                 S      53 47.89
MCK      1.55  42 eP     53 28.21  -0.1
                 S      53 48.60
PMS      1.58 149 eP     53 28.60  -0.1
SML      1.59 119 ePc    53 28.69  -0.1
BKG      1.61 197 eP     53 28.89  -0.2
BWN      1.77  26 eP     53 30.87  -0.3
KNK      1.78 131 ePc    53 30.91  -0.4
                 S      53 56.15
RDT      2.11 195 ePd    53 35.39  -0.2
DFR      2.13 199 ePc    53 35.78  -0.1
SLKM     2.16 166 eP     53 35.79  -0.5
NEA      2.21  25 eP     53 36.46  -0.5
REF      2.23 199 eP     53 37.48   0.2
RS2      2.26 199 eP     53 38.14   0.4
RSO      2.26 199 eP     53 38.17   0.4
RS1      2.26 199 eP     53 38.25   0.5
RED      2.31 199 eP     53 38.57   0.3
WRH      2.36  36 eP     53 38.13  -0.7
TOA      2.43 100 eP     53 40.40   0.5
MLY      2.45   5 eP     53 39.56  -0.6
NNL      2.57 180 eP     53 43.81   2.1
CCB      2.57  35 eP     53 40.93  -0.8
GLI      2.63 129 eP     53 41.41  -1.2
HDA      2.65  45 eP     53 42.50  -0.3
SDG      2.65  89 eP     53 43.63   0.8
SEW      2.66 160 eP     53 42.46  -0.4
PAX      2.69  80 eP     53 44.02   0.6
VZW      2.72 123 eP     53 42.75  -1.0
MDM      2.73  28 ePc    53 43.18  -0.7
KLU      2.75 111 eP     53 42.94  -1.3
TZL      2.79  99 eP     53 44.75   0.1
GLM      2.95  34 eP     53 46.34  -0.6
CNPM     3.09 180 eP     53 49.18   0.4
MTU      3.15 145 eP     53 49.55  -0.1
PDB      3.16 208 eP     53 49.91   0.2
SGAM     3.59 123 eP     53 53.56  -2.0
GLB      3.70 105 eP     53 56.12  -1.1
       52 obs. associated
-----------------------------------
?  FEB  12, 1992  22h 53m 26.43± 0.82s
   13.731 N ±26.3km   89.161 W ±20.1km
   DEPTH =  71.3 ±  8.0 km
   4.4mb (  1 obs.)
 EL SALVADOR                      ( 73)
      Felt (II) at San Salvador.

LFU      0.05  69 eP     53 39.30   1.3
SJAS     0.06 185 iPd    53 37.40  -0.7
VSS      0.08 278 iPd    53 38.40   0.2
QZA      0.26 142 iPd    53 37.00  -0.6
CUSS     0.78 283 eP     53 42.50  -0.2
LRM     37.55 333 eP     00 36.20   0.5
FFC     42.11 349 ePc    01 13.40   0.4
       0.6s      4.00nm          4.4mb
INK     61.49 343 eP     03 36.00  -1.7
WRA    138.00 255 PKP    12 46.50   0.8
       0.8s      0.70nm
     S.D. = 1.2  on   9 of   9 obs.
-----------------------------------
   FEB  13, 1992  01h 29m 13.19± 0.10s
   15.894 S ± 2.8km  166.318 E ± 3.3km
   DEPTH =   9.6km  (geophysicist)
   6.1mb ( 56 obs.)  6.8Msz ( 52 obs.)
 VANUATU ISLANDS                  (186)
      Ms 7.1 (BRK). Mo=4.0*10**19 Nm
      (PPT). Felt at Port Vila. Two
      events about 10.5 seconds apart.
      Depth from broadband
      displacement seismograms, based
      on second event.
      FAULT PLANE SOLUTION: P-Waves
       NP1:Strike=153 Dip=62 Slip=  90
       NP2:        333     28       90
       Principal Axes:
        T                Plg=73  Azm= 63
        P                   17      243
      Comment: The focal mechanism is
        poorly controlled and
        corresponds to reverse
        faulting. The preferred fault
        plane is NP2.
      RADIATED ENERGY
       No. of sta:  18  Focal mech.  C
       Energy        8.7±1.7*10**13 Nm
      CENTROID, MOMENT TENSOR     (HRV)
```

```
Data Used: GDSN
L.P.B.: 36S, **C  M.W.: 23S, 58C
Centroid Location:
Origin Time        01:29:25.8 0.1
Lat 16.14S 0.01 Lon 166.36E 0.01
Dep  15.0 BDY Half-duration  9.4
Moment Tensor;   Scale 10**19 Nm
  Mrr= 1.57 0.01  Mtt=-0.40 0.01
  Mff=-1.17 0.01  Mrt=-0.22 0.04
  Mrf= 0.44 0.04  Mtf= 0.97 0.01
 Principal Axes:
  T  Val=  1.64  Plg=81  Azm=255
  N        0.26       3       147
  P       -1.90       8        56
Best Double Couple:Mo=1.8*10**19
 NP1:Strike=143 Dip=37 Slip=  85
 NP2:        329      53       93

PVC     2.65 134 iPc    29 55.50  -1.2
                iS      30 26.00
DZM     6.15 179 iPd    30 43.90  -2.5
                iS      31 49.90
HNR     8.94 315 eP     31 27.00   1.6
                eS      31 40.00
BRS    16.99 225 iPd    33 14.80   2.1
       0.8s     19.00nm          4.3mb X
                i       33 45.00
                i       34 15.00
                i       34 45.00
                i       35 19.00
                i       36 22.00
RAB    18.13 308 eP     33 28.00   1.1
RMQ    19.45 234 iPc    33 44.80   1.7
       0.9s    287.00nm          5.5mb
                i       33 53.00  30kmX
                i       37 09.00
                i       39 13.70
CTA    19.53 255 P      33 45.60   1.6
ARMA   19.75 220 iPd    33 48.20   1.7
                e       42 11.30
PMG    19.77 287 eP     33 42.80  -3.8X
WCZ    21.21 162 eP     34 03.30   1.9
YYYY   22.13 293 eP     34 11.00   0.0
KUZ    22.39 160 eP     34 14.40   1.2
                e       34 19.20  17kmX
RIV    22.49 215 iPc    34 18.90   4.7X
                i       34 25.80  25kmX
                iS      38 28.00
OLP    23.13 239 eP     34 21.80   1.1
                i       34 29.60  28kmX
WLZ    23.34 161 eP     34 24.10   1.5
MOZ    23.73 163 eP     34 27.20   0.9
HBZ    24.08 156 eP     34 31.60   1.9
URZ    24.22 159 eP     34 33.00   1.9
                e       34 41.60  31kmX
MNDI   24.23 291 eP     34 40.00   8.4X
CMS    24.28 227 iPc    34 33.10   1.3
RUZ    24.46 163 eP     34 35.60   2.2
PUZ    24.47 157 eP     34 35.20   1.6
BWA    24.48 218 eP     34 33.60  -0.1
                e       46 59.20
CN8    24.58 215 eP     34 36.80   2.1
       0.7s      6.80nm          4.4mb X
CAN    24.79 215 eP     34 38.70   2.0
                e       47 00.60
NOZ    24.87 158 Pd     34 38.50   1.1
ORZ    25.42 169 eP     34 44.10   1.5
DIW    25.68 167 eP     34 46.50   1.4
OIS    25.78 256 iPc    34 46.40   0.3
       0.4s     18.00nm          5.1mb
                i       34 52.00  20kmX
                eS      39 33.00
MNG    25.89 164 eP     34 46.30  -0.7
PGZ    26.11 163 eP     34 47.70  -1.3
TCW    26.15 166 eP     34 50.10   0.7
DSZ    26.19 171 eP     34 50.60   0.8
CAW    26.24 165 eP     34 51.10   0.8
WEL    26.34 166 P      34 55.00   3.9X
                S       39 40.00
THZ    26.40 169 eP     34 52.00   0.3
MTW    26.40 164 eP     34 52.00   0.3
MOW    26.58 165 eP     34 53.50   0.1
BLW    26.59 164 eP     34 52.30  -1.2
KHZ    27.15 168 eP     34 58.00  -0.5
LTZ    27.28 170 eP     34 59.90   0.1
STK    27.55 230 iPc    35 22.20  19.9X
       1.1s     35.20nm

                i       35 30.80  30kmX
                eS      39 41.80
EWZ    27.80 173 eP     35 03.70  -0.7
MOZ    28.24 170 eP     35 08.10  -0.3
TOO    28.37 216 iPd    35 10.00   0.2
LRCZ   29.19 176 eP     35 16.10  -1.1
SBCZ   29.22 176 eP     35 16.50  -0.8
                e       35 20.80  15kmX
LSCZ   29.24 176 eP     35 16.40  -1.1
CMCZ   29.27 176 eP     35 17.50  -0.3
ODZ    29.29 174 eP     35 16.80  -1.0
BFD    29.87 220 iPd    35 24.20   1.0
WB2    30.65 258 iPd    35 28.80  -1.5
       0.8s     35.80nm          5.3mb
                e       07 21.70
WRA    30.66 258 P      35 29.00  -1.4
       0.6s     13.10nm          5.0mb X
ADE    31.18 227 iPc-   35 35.00   0.2
       0.7s    465.75nm          6.5mb
                e       35 50.00  61kmX
ASPA   31.41 251 iPc    35 36.10  -0.9
       1.7s   1067.80nm          6.5mb
     Z  21s    145.20um          6.6Msz
                e       35 47.60  43kmX
                e       35 59.60
                eS      40 47.00
MTN    34.20 270 eP     36 00.00  -1.3
       0.6s    157.00nm          6.1mb
KNA    36.10 265 eP     36 16.70  -0.8
GUA    36.10 323 eP     36 18.00   0.6
       1.2s    575.00nm          6.3mb
     Z  21s     51.61um          6.3Msz
                e       36 34.10  64kmX
GUMO   36.17 323 iPc    36 21.35   3.4X
                eS      42 11.33
                e       43 23.17
                eSS     44 35.67
GUMO   36.17 323 P      36 18.10   0.1
SAPN   36.98 326 eP     36 31.00   6.2X
                e       36 46.50  61kmX
FORR   37.90 240 iPd    36 33.00   0.5
                e       36 38.00  17kmX
WARB   38.29 248 eP     36 35.50  -0.3
       0.4s     34.00nm          5.4mb
KUG    41.95 272 eP     37 05.00  -1.2
AFR    42.01  99 eP     37 10.00   3.3X
       1.2s    205.00nm          5.7mb
TVO    42.49  99 eP     37 14.00   3.3X
       1.2s    250.00nm          5.8mb
COOL   43.76 242 iPc    37 20.60  -0.3
                e       37 42.00  89kmX
PMO    44.07  95 iP     37 23.50   0.0
       1.2s    220.00nm          5.9mb
MBL    44.27 256 eP     37 25.10   0.1
VAH    44.30  96 iP     37 25.00  -0.3
       1.2s    175.00nm          5.8mb
TPT    44.34  95 iP     37 25.40  -0.2
       1.2s    190.00nm          5.8mb
RUV    44.54  96 iP     37 27.00  -0.3
       1.2s    205.00nm          5.9mb
DAV    46.36 296 eP     37 42.00   0.3
KLB    46.74 241 eP     37 44.00  -0.6
                i       37 53.00  30kmX
NWAO   47.37 240 ePc    37 49.26  -0.3
                ic      38 00.02  37kmX
                ed      38 04.65
                e       40 02.00
                e       45 02.00
BAL    47.51 243 eP     37 50.40  -0.3
RKG    47.82 238 eP     37 53.00  -0.1
       0.8s   1167.00nm          7.0mb
                e       38 02.00  30kmX
                e       38 10.00
MRWA   47.99 245 eP     37 54.50   0.0
                i       38 04.50  34kmX
MUN    48.10 241 iPc    37 55.20  -0.1
       1.0s    280.00nm          6.3mb
                i       40 00.00 759kmX
                e       44 59.00
KHKI   50.04 272 ePd    38 09.90  -0.5
                e       46 38.00
HON    50.92  44 P      38 34.80  17.8X
     Z  21s    134.77um          6.9Msz
KIP    50.98  44 ePc    38 21.61   4.2X
                eS      45 44.01
                eScS    48 25.82
                eSS     49 44.45

DHH    51.02  45 P      38 22.20   4.5X
OPA    51.17  44 eP     38 22.17   3.3X
                e       38 32.92  37kmX
MHA    51.61  47 eP     38 22.57   0.4
                e       38 30.37  26kmX
PFH    51.84  49 P      38 31.00   7.0X
TSM    51.95 289 ePc    38 26.10   1.1
DRV    53.61 193 eP     38 35.50  -1.1
                S       46 35.00
                SS      50 00.00
SJI    53.88 272 ePc    38 38.70  -0.6
QCP    54.02 302 eP     38 29.00 -11.2X
KKM    54.17 290 ePc    38 41.80   0.3
       1.5s    650.90nm          6.4mb
                e       38 59.50  69kmX
RKT    55.50 107 iP     38 51.00   0.0
       1.4s    280.00nm          6.1mb
KAKJ   57.41 335 P      39 04.90   0.5
IIDJ   57.76 333 P      39 07.20   0.3
CHJJ   57.77 334 P      39 06.40  -0.5
WKYJ   57.79 330 P      39 07.50   0.4
KAGJ   57.88 324 eP     39 08.00   0.3
MAJO   58.52 334 ePc    39 11.41  -0.8
                ic      39 22.17  36kmX
                ed      39 25.32
                iS      47 25.99
                eScS    49 15.91
MAT    58.52 334 P      39 11.00  -1.2
TPI    59.15 276 ePc    39 12.50  -4.5X
                e       47 00.00
TATO   59.66 312 eP     39 16.13  -4.2X
                ic      39 30.70  53kmX
ANP    59.77 312 P      39 22.00   0.9
                iS      47 46.00
OZH    61.74 310 Pc     39 35.00   0.5
     Z  24s     19.50um          6.2MszX
     N  18s     15.80um
                sP      39 46.00
CSY    62.12 202 eP     39 45.90   9.5X
       0.7s     44.70nm          5.8mb
HKC    63.63 305 eP     39 48.30   1.3
                eS      48 40.00
SSE    63.74 317 Pc     39 47.00  -0.6
       1.5s     69.00nm          5.6mb
     Z  20s     26.10um          6.4Msz
     N  16s     13.40um
     E  12s      3.40um
                pP      39 52.50  18kmX
                sP      39 56.00
KSI    63.75 274 eP     39 52.30   4.2X
                e       42 10.00 737kmX
GZH    64.69 306 iP     39 54.80   0.8
     Z  30s     10.90um          5.9MszX
     N  22s     30.70um
     E  22s     19.70um
KGM    64.72 280 ePc    39 54.60   0.2
                e       40 14.00  74kmX
QIZ    65.51 300 P      39 58.50  -0.8
     N  16s      4.25um
     E  16s      6.84um
                pP      40 09.00  34kmX
                S       48 39.00
NJ2    65.88 317 Pc     40 02.00   0.6
       1.6s    110.00nm          5.8mb
     N  14s      4.58um
     E  16s      6.88um
YSS    66.12 343 iPc    40 03.00   0.3
                iS      48 52.00
IPM    67.71 282 ePc    40 13.10  -0.4
       1.9s    378.70nm          6.3mb
WHN    68.05 313 Pc     40 15.50   0.2
       1.5s    190.00nm          6.1mb
     Z  20s     13.80um          6.2Msz
     N  17s     14.40um
SMY    68.67   5 eP     40 19.40   0.8
     Z  20s     45.00um          6.7Msz
DL2    68.68 324 Pc     40 19.00   0.0
       1.0s    280.00nm          6.4mb
     Z  20s     17.70um          6.3Msz
     N  15s     22.50um
     E  17s      7.54um
                pP      40 30.00  36kmX
MDJ    68.88 333 ePc    40 21.04   0.9
       1.5s    240.00nm          6.2mb
     Z  28s     16.00um          6.1MszX
     N  18s     18.40um
     E  17s     21.40um
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13d 01h

		ic	40	31.47	34kmX	
		iS	49	36.98		
PET	68.94	355	eP	40	20.00	-0.3
		eS	49	36.00		
ADH	69.10	11	eP	40	23.40	2.1
	1.5s	1074.90nm				6.8mb
Z	20s	45.00um				6.7Msz
TIA	69.60	319	Pc	40	24.60	-0.2
	2.4s	1450.00nm				6.7mb
Z	18s	25.90um				6.5Msz
N	17s	22.20um				
E	17s	18.40um				
		pP	40	35.50	36kmX	
SNY	69.67	327	iPc	40	25.00	0.0
	1.4s	330.00nm				6.3mb
Z	18s	26.80um				6.5Msz
N	16s	14.40um				
E	16s	8.32um				
		sP	40	35.50		
CN2	70.17	330	iPc	40	28.60	0.5
	1.0s	320.00nm				6.4mb
		eS	49	37.00		
GYA	71.63	305	iPc	40	38.20	0.8
	1.4s	120.00nm				5.8mb
Z	38s	15.90um				6.0MszX
N	18s	18.90um				
E	18s	7.22um				
		SKS	50	40.00		
NNT	71.68	289	eP	40	38.00	0.3
LOE	71.74	295	eP	40	39.00	0.9
NST	72.47	292	iPc	40	48.50	6.1X
BJI	72.60	322	ePc	40	43.91	1.2
	2.0s	510.00nm				6.3mb
Z	24s	23.70um				6.4MszX
N	17s	11.70um				
E	18s	14.30um				
		ic	40	54.51	34kmX	
		ePP	43	21.16		
		iS	50	19.85		
		eSKS	50	48.00		
TIY	73.50	318	iPc	40	49.00	0.8
Z	20s	26.20um				6.5Msz
N	17s	20.30um				
		PP	43	30.00		
KHT	73.51	291	eP	40	50.10	1.6
XAN	73.80	313	Pc	40	50.50	0.5
	0.6s	42.00nm				5.7mb
N	16s	14.80um				
E	21s	15.90um				
		SKS	50	49.00		
BDT	74.07	294	eP	40	52.20	0.5
KMI	74.14	302	Pc+	40	54.00	1.6
	1.5s	550.00nm				6.4mb
Z	20s	17.50um				6.3Msz
N	15s	6.50um				
E	14s	5.60um				
		pP	40	59.50	18kmX	
		sP	41	04.00		
		PcP	41	17.00		
		PP	41	31.00		
		S	49	41.00		
		ScS	50	45.00		
SPA	74.21	180	iPc	40	53.00	1.0
	1.8s	1120.37nm				6.6mb
CHG	74.73	295	iPc	40	56.80	1.2
		eS	50	32.00		
CHTO	74.73	295	ePc	40	56.58	1.0
		eHPP	43	46.68		
		ePP	43	47.78		
HHC	75.88	320	Pc	41	03.40	1.5
	1.0s	110.00nm				5.9mb
Z	22s	43.30um				6.7Msz
N	18s	17.10um				
E	17s	19.80um				
		pP	41	14.00	34kmX	
CD2	75.99	308	iPc	41	03.60	0.9
Z	22s	21.30um				6.4Msz
N	15s	15.90um				
		PP	44	00.00		
SDN	76.31	19	P	41	09.80	6.0X
	1.2s	471.23nm				6.5mb
Z	20s	135.00um				7.3Msz
BTO	76.70	319	iPd	41	08.00	1.5
	1.8s	250.00nm				6.0mb
N	16s	18.70um				
E	18s	16.20um				
		sP	41	17.00		

LZH	78.43	313	ePc	41	18.09	1.9
	1.5s	1270.00nm				6.8mb
Z	22s	25.70um				6.5Msz
E	16s	9.97um				
		ic	41	28.85	35kmX	
		ed	41	32.00		
		eSKS	51	20.29		
MAW	80.47	202	e(P)	41	31.00	4.5X
KDC	80.88	21	ePc	41	29.80	1.1
	1.2s	450.50nm				6.4mb
PDB	81.91	19	P	41	30.60	-3.4X
PAF	82.01	221	iP	41	46.00	11.1X
		ePP	49	09.00		
		iS	52	00.00		
		iSS	57	15.00		
SVW	82.53	18	eP	41	38.80	1.5
	1.1s	320.30nm				6.4mb
GTA	82.81	314	iPc	41	41.00	1.6
	1.6s	460.00nm				6.4mb
Z	20s	22.80um				6.5Msz
E	18s	17.90um				
		pP	41	46.80	18kmX	
		sP	41	51.00		
RSO	82.89	19	P	41	38.20	-1.2
ANM	83.09	12	eP	41	42.10	2.0
SLKM	83.74	20	P	41	43.00	-0.5
TTA	83.89	16	eP	41	46.00	1.7
ILT	84.27	6	iPc	41	46.00	0.1
		iS	52	20.00		
PMR	84.90	20	eP	41	50.20	1.0
	1.5s	592.20nm				6.6mb
Z	20s	65.00um				7.0Msz
LSA	85.40	302	ePc	41	54.51	1.4
N	17s	4.26um				
		ic	42	04.94	33kmX	
		ed	42	08.92		
		ePP	45	22.16		
		eSKS	52	34.69		
		eS	52	38.16		
BRK	85.63	49	ePc	41	55.00	1.6
Z	20s	94.00um				7.2Msz
		eSKS	52	33.00		
		eLR	08	40.00		
MHC	85.87	49	ePc	41	55.60	0.8
Z	20s	70.00um				7.1Msz
N	20s	42.00um				
E	20s	64.00um				
		ePP	45	44.20		
		e(PPP)	48	19.60		
		eS	52	26.80		
		eScS	53	02.20		
		ePS	53	37.40		
		ePPS	54	02.80		
		e	56	42.00		
		eSS	57	53.40		
		eSSS	01	48.80		
		eLQ	04	10.80		
		eLQ	04	59.00		
		eLR	07	38.80		
KLU	85.90	21	eP	41	54.42	0.0
		e	42	01.54	22kmX	
		e	42	08.72		
ARN	85.95	50	P	41	55.90	0.8
BCH	86.19	52	P	41	58.50	2.1
SBC	86.19	53	ePc	41	56.74	0.4
		ec	42	07.83	35kmX	
SBC	86.19	53	eP	41	59.88	3.6X
PHAM	86.20	51	P	42	11.30	14.9X
TOA	86.24	20	eP	41	57.80	1.7
IRK	86.40	327	eP	41	57.00	0.1
		eS	52	36.00		
WDC	86.53	46	ePc	42	04.00	6.2X
ABL	86.72	53	P	42	01.50	2.3X
ORV	86.85	47	eP	41	58.50	-0.9
BALM	86.85	22	P	41	58.40	-0.7
IMA	87.01	15	eP	42	01.50	1.7
	1.5s	611.90nm				6.6mb
CMB	87.05	49	ePc	42	00.94	0.4
		ec	42	11.37	33kmX	
		ed	42	14.43		
		ePP	45	28.34		
		eS	52	39.19		
		iPPS	54	17.00		
		eLR	09	09.00		
SIT	87.26	28	e(P)	42	04.20	3.3X
Z	20s	30.00um				6.7Msz
PAS	87.27	54	eP	42	01.02	-0.6

		ec	42	12.52	37kmX	
LBFM	87.29	46	P	42	02.10	0.3
MWC	87.39	53	eP	42	12.00	9.6X
ISA	87.59	52	ePc	42	03.02	-0.1
		ec	42	14.36	36kmX	
		ePP	45	33.07		
		eS	52	38.81		
SSK	87.66	54	eP	42	04.40	0.7
COR	87.68	42	eP	42	05.10	1.8
		ec	42	14.62	30kmX	
		ePP	45	34.56		
		eS	52	43.67		
SBB	87.73	53	eP	42	04.00	0.1
COL	87.73	18	ePc	42	02.27	-0.9
		ec	42	12.95	34kmX	
		iS	52	52.38		
		ePS	53	45.30		
FBA	87.73	18	eP	42	03.10	-0.1
	0.8s	62.40nm				6.0mb
RVR	87.83	54	eP	42	10.00	5.7X
PEC	87.96	54	eP	42	04.66	-0.3
	1.3s	27.80nm				5.4mb
		e	42	10.10	17kmX	
		PP	45	31.57		
PLM	88.01	55	eP	42	07.00	1.6
CLC	88.31	52	eP	42	17.10	10.5X
PFO	88.42	55	ePc	42	10.21	2.9
		ec	42	18.24	25kmX	
		ed	42	19.82		
		eS	52	50.31		
BMW	88.52	41	P	42	07.90	0.5
GSC	88.73	53	eP	42	09.02	0.3
		ec	42	19.62	33kmX	
		ed	42	21.19		
		ePP	45	43.54		
TPC	88.91	54	eP	42	10.00	0.5
SHW	89.03	41	P	42	09.50	-0.4
GUN	89.16	299	P	42	11.60	0.4
GMW	89.25	40	ePc	42	11.12	0.4
		e	42	19.34	26kmX	
PGC	89.30	39	eP	42	12.00	1.1
	1.2s	171.00nm				6.2mb
TNP	89.39	50	P	42	12.10	0.2
	1.2s	50.47nm				5.6mb
PKI	89.45	299	P	42	12.60	0.0
LON	89.53	41	eP	42	12.09	-0.1
		e	42	22.60	33kmX	
		ed	42	23.84		
		ePP	45	47.68		
KKN	89.62	299	P	42	13.60	0.4
MCW	89.69	39	ePc	42	13.51	0.7
		e	42	21.66	25kmX	
		e	46	26.28		
VGB	89.69	42	eP	42	12.98	0.0
		e	42	21.12	25kmX	
		PP	45	56.51		
DMN	89.71	299	P	42	14.00	0.3
RMW	89.82	40	P	42	13.90	0.4
GKN	90.23	299	P	42	16.00	0.0
BRW	90.55	11	eP	42	18.40	2.1
AIA	90.59	161	e(P)	42	19.00	2.2X
TIK	90.91	349	iPc	42	17.00	-1.0
		eS	53	22.00		
NVL	91.78	188	ePc	42	21.50	-0.7
	1.8s	217.00nm				6.2mb
Z	16s	23.00um				6.7MszX
N	16s	17.00um				
E	16s	9.50um				
		i	42	30.00	26kmX	
		e	42	51.50		
		e	42	59.50		
		e	43	04.00		
		e	43	25.00		
		e	43	42.00		
		e	44	22.00		
		e	44	54.00		
		e	45	42.00		
		e	46	09.00		
		ePP	46	25.00		
		e	46	50.00		
		e	47	38.00		
		ePPP	48	24.00		
		e	49	05.00		
		e	49	22.00		
		eSKS	53	05.00		
		eSKKS	53	14.00		
		eS	53	32.00		

e 53 54.00
ePS 54 43.00
PNT 91.89 39 ePc 42 23.00 0.1
0.9s 204.00nm 6.5mb
DPW 92.22 41 P 42 24.80 0.2
HYB 92.59 287 iPc 42 26.80 0.0
1.6s 400.00nm 6.6mb
i 42 35.00 26kmX
eSKS 53 04.00
eP'P' 07 55.00
WMQ 92.89 315 ePc 42 28.80 1.1
1.5s 380.00nm 6.6mb
Z 18s 12.90um 6.4Msz
N 17s 8.94um
ic 42 39.39 33kmX
ed 42 42.54
ePP 46 20.11
S 55 33.00
MSU 93.28 51 eP 42 31.95 2.0
PP 46 26.32
DUG 93.32 49 P 42 30.50 0.6
HVU 93.84 48 P 42 33.60 1.3
HPI 94.20 46 e(P) 42 36.02 1.9
INK 94.28 19 eP 42 32.30 -1.2
0.8s 34.00nm 5.8mb
PTI 94.45 47 eP 42 37.02 1.9
CRZF 94.53 219 iPc 42 45.00 9.7X
ePP 46 45.00
ePPP 49 47.00
eS 53 41.00
eSP 55 26.00
e(SPP)57 02.00
eSS 00 36.00
eSSS 02 57.00
SRU 94.69 51 eP 42 37.03 0.7
e 42 41.33 13kmX
LRM 95.28 44 eP 42 42.10 3.2X
NDI 96.70 298 iP 42 45.00 -0.4
iPP 46 48.00
ALO 96.71 56 eP 42 48.00 2.3X
Z 21s 53.76um 7.0Msz
ANMO 96.71 56 eP 42 46.83 1.2
e 42 56.52 30kmX
ePP 46 35.99
POO 97.20 287 iPc 42 47.60 -0.3
SES 97.48 40 eP 42 50.00 1.5
1.1s 76.00nm 6.2mb
pP 42 58.00 25kmX
GLD 98.82 51 P 43 00.00 5.0X
Z 20s 36.50um 6.9Msz
YKA 99.00 27 eP 42 54.20 -0.8
1.4s 51.20nm 6.0mb
RSSD 100.63 47 Pdiff 43 10.00 6.7X
Z 20s 54.24um 7.1Msz
MBC 101.65 14 ePdiff43 10.00 3.2X
1.0s 14.00nm 5.5mb
FRU 101.85 311 ePdiff43 11.00 2.5X
eSKS 54 00.00
FFC 103.78 37 ePdiff43 21.00 4.3X
0.9s 6.00nm 5.4mb
TUL 105.43 57 Pdiff 43 35.00 10.5X
Z 20s 36.76um 6.9Msz
N 22s 9.62um
E 18s 23.76um
ePP 47 46.30
eSKS 54 28.00
e 57 14.00
e 57 45.00
e 02 41.00
e 06 33.00
e 10 29.00
LR 18 30.00
QUE 105.77 297 ePdiff43 30.00 3.6X
LNV 106.01 133 ePdiff43 30.50 3.4X
TACH 106.50 133 ePdiff43 33.20 3.8X
PCH 106.82 133 ePdiff43 35.00 4.1X
PEL 106.95 133 ePdiff43 39.40 8.0X
RFA 107.60 135 e(Pdif43 40.20 5.9X
FVM 109.95 55 PKP 47 50.70 3.8X
Z 20s 44.52um 7.0Msz
SLM 110.15 54 PKP 47 50.70 3.5X
Z 20s 25.00um 6.8Msz
PWLA 111.60 58 PKP 47 49.20 -0.9
NNA 111.65 110 iPdiff44 06.00 13.3X
1.1s 16.67nm
ANT 112.03 124 ePdiff44 08.00 13.9X
MAIO 112.67 303 ePdiff44 02.00 5.2X

ARE 114.53 117 ePKP 47 59.00 2.4X
TKL 115.14 58 PKP 47 56.20 -0.7
PSO 115.64 96 ePKP 48 04.50 5.5X
KBS 115.78 355 ePKP 48 04.00 7.2X
LPB 117.39 119 PKP 48 04.00 1.8
SKS 59 20.00
LR 24 51.00
ZOBO 117.48 118 ePKP 48 07.58 4.9X
ePP 49 18.18
LHS 117.54 59 ePKP 48 01.25 -0.2
BLA 117.86 56 PKP 48 02.00 -0.1
SHI 118.16 295 ePKP 48 05.00 2.0
CVL 119.39 55 PKP 48 04.30 -0.6
SCP 119.69 52 ePKP 48 02.17 -3.2X
BOG 119.72 94 ePKP 48 08.00 1.3
ePP 49 34.00
APA 120.22 341 ePKPd 48 09.90 4.4X
CBN 120.24 55 ePKP 48 10.00 3.5X
FUQ 120.26 93 ePKP 48 06.00 -1.7
HVD 120.35 219 ePKP 48 15.00 7.9X
1.3s 38.46nm
e 49 37.20
SEK 120.58 223 ePKP 48 09.20 1.5
1.0s 10.00nm
KEV 120.60 345 ePKP 48 11.00 4.BX
Z 22s 25.40um 6.8Msz
e 49 40.00
e 58 44.00
e 59 32.00
FRS 121.06 220 ePKP 48 00.70 -7.6X
i 48 21.70
RSNY 121.70 47 PKP 48 20.00 10.9X
Z 20s 61.02um 7.2Msz
CER 121.78 212 e(PKP)48 08.00 -1.6
1.0s 50.00nm
SLR 121.86 225 ePKP 48 09.00 -1.1
1.5s 83.33nm
Z 18s 14.43um 6.7Msz
e 56 24.00
LVNJ 122.03 52 ePKPd 48 09.54 -0.3
KIM 122.10 220 iPKPd 48 10.00 -0.5
1.0s 50.00nm
e 57 12.00
TBR 122.40 51 ePKPd 48 10.36 -0.1
i 48 37.98
PNJ 122.48 51 iPKP 48 10.90 0.3
TRO 122.60 347 ePKP 48 09.80 -0.1
KER 122.78 301 ePKPd 48 10.50 -1.1
BNH 123.99 47 PKP 48 13.30 -0.2
SDV 124.08 90 ePKP 48 14.00 -0.8
TOV 125.09 89 ePKP 48 14.80 -1.7
BHD 125.10 300 ePKP 48 17.00 1.1
i 48 24.00
ePP 50 10.00
eSKKS 50 50.00
ePKS 51 45.00
eSKS 55 21.00
BUL 125.14 231 iPKPc 48 16.00 -0.6
1.0s 21.50nm
Z 21s 2.29um 5.8Msz
N 21s 1.22um
E 21s 0.86um
iPP 48 20.50
i 50 11.50
i 52 50.30
OBN 125.18 327 iPKPd 48 15.50 0.1
1.5s 210.00nm
Z 19s 20.00um 6.8Msz
N 20s 15.00um
E 19s 4.50um
iPP 50 08.00
e 50 20.00
eSKP 51 32.00
ePPP 52 36.00
e 54 32.00
eSKS 55 36.00
iSKKKS58 14.00
i 59 44.00
iPS 00 12.00
iPPS 01 48.00
e 02 50.00
iSS 07 00.00
e 0B 46.00
eSSS 11 56.00
LQ 25 36.00
LR 34 06.00
MIM 125.38 45 PKP 48 16.00 -0.1

MSL 125.84 304 ePKPd 48 17.00 -0.4
ePP 50 10.00
ePKS 51 44.00
eSKS 55 16.00
KAF 125.93 338 iPKP 48 16.60 -0.1
KRI 126.33 235 iPKPd 48 20.00 1.0
ipP 48 30.50
i 50 18.40
EMM 126.57 46 ePKP 48 18.1B -0.3
EMM 126.57 46 PKP 48 10.50 -B.0X
PPD 127.27 135 ePKP 48 15.80 -4.7X
e 48 20.60
e 48 23.30
e 48 29.50
NUR 127.59 337 iPKP 48 20.10 0.2
Z 24s 22.00um 6.BMszX
e 50 20.00
e 51 48.00
AAE 128.44 269 ePdiff45 24.00 16.1X
AAE 128.44 269 PKP 48 24.00 0.6
PP 50 48.00
MGP 129.01 80 PKP 48 23.00 -0.9
PORP 129.45 80 PKP 48 24.00 -0.7
VAO 129.45 139 ePKP 48 24.90 0.2
e 48 29.60
e 48 58.60
e 49 07.10
CLLP 129.51 79 PKP 48 24.20 -0.6
AKU 130.16 2 iPKPd 48 33.90 9.3X
1.5s 244.44nm
KVT 130.42 311 ePKP 48 18.80 -7.2X
GAZ 130.43 305 ePKP 48 34.00 7.9X
UPP 130.53 340 iPKP 48 17.40 -8.1X
1.6s 400.00nm
i 48 30.20
i 51 52.90
SIM 130.59 316 ePKP 48 32.00 5.9X
WIN 131.32 219 ePKP 48 27.00 -1.5
1.4s 162.79nm
Z 20s 17.02um 6.7Msz
i 50 56.00
BMA 131.41 141 ePKP 48 29.90 1.5
NB2 131.50 344 PKP 48 26.80 -0.6
1.0s 28.40nm
HFS 131.55 342 ePKP 48 27.50 0.0
0.6s 3.50nm
Z 20s 16.19um 6.7Msz
LR 33 32.00
RDJ 131.81 142 ePKP 48 40.40 11.3X
HMDT 132.63 299 ePKP 48 31.80 1.4
JVI 132.82 299 ePKP 48 32.40 1.5
TPP 133.22 91 ePKP 48 32.89 0.9
TRN 133.34 90 ePKP 48 34.10 1.9
MGH 133.50 B2 ePKP 48 32.09 -0.4
RMN 133.62 297 ePKP 48 33.70 1.2
BAO 133.86 131 e(PKP)48 17.00 -16.3X
e 48 17.70
e 48 36.50
BPA 133.88 81 ePKP 48 31.00 -2.2
BDF 133.90 131 ePKPc 48 32.42 -1.0
ec 48 43.34
eHPP 51 10.60
ePP 51 11.43
iSKP 52 13.7B
PAG 133.94 83 ePKP 48 33.48 0.1
CSS 133.96 303 ePKP 48 41.20 8.3X
SLB 134.25 86 ePKP 48 33.77 -0.2
MGG 134.27 83 ePKP 48 33.36 -0.5
FDF 134.28 85 ePKP 48 37.50 3.5X
CLI 134.30 321 ePKP 48 41.00 7.8X
WAR 134.51 331 ePKP 48 46.00 12.7X
ePP 49 20.00
PPCY 134.77 304 ePKP 48 49.00 14.6X
GPA 134.82 311 ePKP 48 36.00 1.6
VRI 134.96 320 iPKPc 48 30.00 -4.4X
PSN 135.01 317 ePKP 48 32.00 -2.6
BSD 135.09 337 iPKPc 48 35.90 1.6
1.0s 57.00nm
HRT 135.09 312 ePKP 48 35.00 0.1
CVO 135.32 320 ePKP 48 37.00 1.8
ALT 135.37 310 ePKP 48 34.00 -1.5
YLV 135.39 312 ePKP 48 35.80 0.3
IZI 135.40 312 ePKP 48 37.70 2.2X
COP 135.53 339 iPKPd-48 47.00 11.9X
0.9s 73.95nm
Z 20s 18.44um 6.8Msz
i 51 14.70

13d 01h

			i	51 27.00	
			i	52 18.00	
MLR	135.63	320	ePKP	48 35.00	-0.9
			e	59 48.00	
MUD	135.94	342	ePKP	48 39.00	3.1X
	0.9s	29.00nm			
			e	51 14.50	
KHL	136.03	309	ePKP	48 37.00	0.2
UZH	136.07	326	ePKP	48 33.00	-3.4X
BUC1	136.11	319	ePKP	48 46.50	9.9X
ELL	136.21	307	ePKP	48 44.00	6.7X
MTUR	136.30	320	ePKP	48 56.00	18.9X
KRA	136.43	329	ePKP	48 33.50	-3.6X
			e	48 36.50	
			e	48 47.00	
			i	48 49.00	
			i	51 25.00	
BNT	136.50	313	ePKP	48 39.00	1.5
HLW	136.52	297	ePKP	48 30.00	-7.9X
			e	48 48.00	
			e	50 36.00	
			e	50 58.00	
			e	51 29.00	
			e	01 16.00	
CEI	136.53	325	ePKP	48 47.00	9.7X
EDC	136.55	313	ePKP	48 35.00	-2.6
JMB	136.58	316	iPKP	48 30.00	-7.6X
SPC	136.82	328	e(PKP)	48 26.70	-11.4X
			e	48 32.30	
			e	48 35.60	
			i	48 46.30	
			i	51 22.20	
			i	51 33.00	
PVL	137.08	317	ePKP	48 38.00	-0.5
DIM	137.47	316	ePKP	48 40.00	0.7
KSP	137.64	332	ePKP	48 39.00	-0.4
	1.4s	111.00nm			
			ic	48 45.50	
			e	51 37.60	
			e	00 30.00	
KDZ	137.72	315	ePKP	48 38.00	-1.8
PSZ	137.79	326	ePKP	48 38.80	-1.0
BRN	137.80	336	ePKP	48 43.00	3.5X
EZN	137.84	312	ePKP	48 48.00	8.0X
PRK	138.10	312	ePKP	48 40.00	-0.6
PGB	138.15	317	ePKP	48 35.00	-5.7X
RZN	138.17	316	ePKP	48 33.00	-7.9X
TIM	138.33	323	iPKPc	48 43.00	2.2X
BUD	138.52	326	e(PKP)	48 39.00	-2.0
EDU	138.62	351	ePKP	48 40.10	-0.8
	1.1s	49.00nm			
BRG	138.65	334	ePKP	48 41.10	-0.1
	1.4s	120.00nm			
Z	18s	16.00um			6.8Msz
N	18s	13.00um			
E	18s	3.50um			
			i	48 50.20	
			i	49 14.20	
			i	51 31.20	
			i	51 53.80	
			ePKS	52 24.00	
SRO	138.69	327	e(PKP)	48 37.30	-4.0X
			i	48 43.60	
			e	04 02.70	
CLL	138.72	335	iPKP	48 41.70	0.4
	1.7s	45.00nm			
Z	22s	18.00um			6.8Msz
			i	48 48.20	
VTS	138.75	318	ePKP	48 37.00	-4.9X
ELO	138.79	352	ePKP	48 41.10	-0.2
	1.1s	88.00nm			
MMB	138.88	316	ePKP	48 32.00	-10.0X
EBH	138.98	351	ePKP	48 41.80	0.2
	1.2s	92.00nm			
PRU	139.04	332	ePKP	48 41.00	-0.9
	1.8s	143.70nm			
Z	20s	19.30um			6.8Msz
N	19s	14.60um			
E	19s	6.60um			
			e	48 49.00	
			e	48 51.80	
			PP	51 39.50	
ZST	139.06	328	ePKP	48 41.30	-0.7
			i	48 49.20	
			e	51 24.00	
			i	51 42.60	
			e	59 37.10	
ZST	139.06	328	e(PKP)	48 37.30	-4.7X
			i	48 43.60	
			e	04 02.70	
EAB	139.15	352	ePKP	48 44.10	2.2X
	1.2s	102.00nm			
KKB	139.18	317	ePKP	48 32.00	-10.5X
BEO	139.29	322	ePKP	48 39.50	-3.0X
UZD	139.31	326	ePKP	48 42.30	-0.2
VKA	139.40	329	iPKPd	48 41.00	-1.7
	4.5s	2687.00nm			
Z	19s	9.90um			6.6Msz
			i	48 48.80	
			i	49 13.30	
			i(PP)	51 45.60	
VAY	139.77	316	iPKP	48 38.00	-5.5X
MOX	139.80	335	iPKP-	48 42.40	-0.9
	1.9s	227.00nm			
Z	21s	15.00um			6.7Msz
N	21s	14.00um			
WIT	139.81	341	ePKP	48 49.00	5.8X
			ePP	51 48.00	
EKA	139.81	351	PKP	48 54.00	10.9X
	2.1s	448.00nm			
NPS	139.98	306	ePKP	48 47.50	3.4X
KHC	140.09	332	PKPc	48 44.00	0.1
	1.5s	130.30nm			
Z	20s	18.80um			6.8Msz
N	18s	8.00um			
E	20s	12.20um			
			i	48 51.50	
			e	49 09.00	
			iPP	51 46.00	
SKO	140.20	318	iPKP	48 36.10	-8.2X
Z	19s	10.33um			6.6Msz
N	21s	11.42um			
E	18s	4.84um			
			i	48 45.70	
			i	48 47.00	
			i	48 53.00	
			i	49 11.40	
			i	51 48.00	
			i	52 21.00	
			i	55 26.00	
			i	01 14.00	
GEC2	140.24	332	PKP	48 51.70	7.4X
	0.7s	6.37nm			
GEC2	140.24	332	PKP	48 57.70	13.4X
	0.8s	16.09nm			
GEC2	140.24	332	PKP	48 36.40	-7.9X
	0.9s	1.03nm			
GEC2	140.24	332	e(PKP)	49 02.70	18.4X
	0.7s	11.20nm			
GEC2	140.24	332	PKP	48 43.60	-0.7
	0.7s	4.32nm			
WET	140.39	333	ePKP	48 43.70	-0.7
Z	18s	12.00um			6.7Msz
KMR	140.61	330	iPKP+	48 44.60	-0.2
			iPP	51 45.30	
GRF	140.69	334	ePKP	48 40.00	-4.9X
Z	22s	17.00um			6.8Msz
			e	48 47.70	
			e	48 55.90	
			e	49 06.80	
IVA	140.70	320	iPKPd	48 39.71	-5.6X
PLE	140.76	321	iPKPd	48 39.05	-6.3X
KZN	140.79	315	ePKP	48 42.50	-3.0
PVY	140.80	320	iPKPd	48 41.01	-4.5X
OHR	141.04	317	iPKP	48 38.00	-7.9X
	1.4s	208.00nm			
			i	48 52.00	
			i	49 10.00	
PTJ	141.15	327	ePKP	48 43.60	-2.4
ZAG	141.20	326	ePKPc	48 45.60	-0.3
BNS	141.21	339	ePKPc	48 44.70	-1.1
Z	20s	30.30um			7.0Msz
NKY	141.29	321	iPKPd	48 43.03	-3.3X
TTG	141.34	320	iPKPd	48 43.60	-2.7
TNS	141.37	337	iPKPc	48 45.70	-0.5
TNS	141.37	337	iPKPd	48 51.10	4.9X
BHG	141.44	331	ePKP	48 41.60	-4.7X
VLI	141.50	310	ePKP	48 43.50	-3.3X
BRY	141.51	321	iPKPd	48 41.55	-5.3X
ULC	141.60	319	iPKPd	48 46.06	-0.8
KBA	141.68	330	iPKPd	48 40.20	-6.8X
	1.3s	77.30nm			
			i	48 46.20	
			i	48 57.80	
			i	49 12.70	
			i	51 45.30	
			i	52 02.00	
BDV	141.68	320	iPKPd	48 45.83	-1.1
DMU	141.71	354	ePKP	48 55.00	8.4X
	1.2s	153.00nm			
VBY	141.79	327	ePKP	48 42.50	-4.5X
VBY	141.79	327	iPKP	48 50.50	3.5X
			i	48 53.50	
			e	51 10.00	
HCY	141.80	320	iPKPd	48 45.06	-2.1
ENN	141.80	340	ePKP	48 49.00	2.2X
	1.0s	40.00nm			
			ePP	51 59.00	
LJU	141.80	328	ePKP	48 42.00	-5.1X
FUR	141.83	333	ePKP	48 43.00	-4.1X
Z	19s	19.00um			6.9Msz
MEM	141.91	340	iPKPc	48 50.58	3.6X
RBL	142.01	329	PKP	49 00.30	12.8X
CEY	142.06	328	ePKP	48 43.50	-4.1X
			i	48 54.00	
VOY	142.14	328	ePKP	48 42.00	-5.8X
PDCR	142.17	137	ePKP	48 44.80	-3.8X
			e	48 52.10	
DLF	142.26	353	ePKP	48 52.80	5.2X
	1.2s	306.00nm			
UCC	142.28	341	PKP+	48 51.00	3.3X
FVI	142.29	330	PKP	48 43.20	-4.6X
DCN	142.30	354	ePKP	48 52.70	5.1X
	1.1s	341.00nm			
RIY	142.35	327	ePKP	48 42.90	-5.1X
KEK	142.40	316	ePKP	48 43.20	-5.1X
TRI	142.42	328	ePKP	48 44.30	-3.8X
SNF	142.55	341	iPKPc	48 49.62	1.5
SQTA	142.57	332	iPKPd	48 44.60	-3.9X
	1.5s	290.00nm			
			i	48 49.70	
			i	48 53.90	
			i	51 50.70	
			i	52 07.60	
VLS	142.58	313	ePKP	48 48.00	-0.6
HVAR	142.60	323	ePKP	48 45.60	-2.9
WLF	142.66	339	PKP	48 53.00	4.7X
ETA	142.81	352	ePKP	48 51.20	2.7X
DOU	142.81	340	PKP	48 45.10	-3.5X
			ed	48 54.70	
			e	10 50.00	
VVI	142.90	329	PKP	48 45.50	-3.5X
OGA	142.92	332	iPKPd	48 46.50	-2.7X
CTI	143.23	330	PKP	48 46.40	-3.2X
CDF	143.29	337	PKP	48 45.87	-3.8X
LCI	143.30	318	PKP	48 46.50	-3.2X
SLE	143.33	335	ePKPc	48 46.90	-2.7X
ECP	143.33	352	ePKP	48 48.50	-0.9
LIBD	143.38	336	PKP	48 47.10	-2.5
FEL	143.43	335	PKP	48 46.64	-3.3X
OSS	143.45	332	ePKPc	48 47.70	-2.4
BRT	143.48	319	PKP	48 47.20	-2.9X
ECH	143.49	336	PKP	48 45.57	-4.3X
ZLA	143.59	335	ePKPc	48 47.90	-2.2
FG3	143.78	321	PKP	48 48.09	-2.6
MOF	143.80	336	PKP	48 48.05	-2.5
LLS	143.82	333	ePKPc	48 48.70	-2.0
VDL	143.91	333	ePKPc	48 49.20	-1.7
VITF	143.93	338	PKP	48 48.05	-2.6
BSF	143.95	336	PKP	48 48.13	-2.7
BBS	143.97	335	PKP	48 48.54	-2.2
HAU	143.98	337	iPKPc	48 49.60	-1.1
	1.5s	408.05nm			
Z	21s	22.50um			6.9Msz
SAL	144.09	331	PKP	48 41.30	-9.6X
FG2	144.18	322	PKP	48 49.25	-2.0
LOMF	144.33	336	PKP	48 49.88	-1.5
MDI	144.34	332	PKP	48 49.20	-2.1
ARV	144.36	326	PKP	48 49.70	-1.8
FG4	144.37	321	PKP	48 50.15	-1.5
ORI	144.41	319	PKP	48 50.90	-0.8
TMA	144.47	333	ePKPc	48 50.40	-1.4
ROI	144.60	318	PKP	48 51.60	-0.5
SFI	144.64	327	PKP	48 51.90	0.0
CSI	144.67	318	PKP	48 51.20	-1.0
DUI	144.69	322	PKP	48 50.90	-1.3
VAI	144.70	332	PKP	48 50.60	-1.3
TDS	144.70	318	PKP	48 51.00	-1.2
PGD	144.74	327	PKP	48 52.40	0.0
CRE	144.79	327	PKP	48 51.60	-0.8
ASS	144.80	326	PKP	48 47.90	-4.4X

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SGO    144.84 320 PKP    48 51.20   -1.1
AQU    144.86 324 PKP    48 50.60   -1.8
MMK    144.90 333 ePKPc  48 52.40   -0.3
MGR    144.93 319 PKP    48 50.90   -1.7
MME    145.04 329 PKP    48 53.10    0.2
SDI    145.04 323 PKP    48 51.80   -1.0
FIR    145.05 328 iPKPc  48 52.50   -0.1
AZI    145.08 324 PKP    48 52.10   -0.6
CZI    145.08 318 PKP    48 51.50   -1.3
GRI    145.11 317 PKP    48 53.20    0.3
DIX    145.12 334 ePKPc  48 53.00   -0.1
BDI    145.18 329 PKP    48 51.60   -1.4
BOB    145.22 331 PKP    48 46.70   -6.3X
ORX    145.23 333 PKPc   48 51.50   -1.5
ORO    145.23 333 PKP    48 51.40   -1.6
MNS    145.24 325 PKP    48 52.40   -0.7
EMS    145.33 334 ePKPc  48 53.50    0.2
PII    145.46 328 PKP    48 52.40   -0.9
FLN    145.48 345 iPKPc  48 53.10   -0.1
        1.3s    789.75nm
      Z  18s     20.25um          6.9Msz
LOR    145.50 339 iPKPc  48 53.80    0.5
        1.4s    953.00nm
      Z  20s     19.75um          6.9Msz
LDF    145.54 344 iPKPc  48 53.40    0.1
RMP    145.61 324 PKP    48 53.90    0.2
RDP    145.63 324 PKP    48 54.30    0.5
LBF    145.70 338 iPKPc  48 54.40    0.7
LSD    145.72 334 PKPc   48 54.88    0.8
SOI    145.75 316 PKP    48 55.80    1.8
SSF    145.80 339 iPKPc  48 54.90    1.1
PCP    145.81 331 PKPc   48 53.96    0.0
GM8    145.83 316 PKP    48 54.25   -0.1
LPL    145.85 334 iPKPc  48 55.50    1.2
RSP    145.92 333 PKP    48 53.35   -0.9
GRR    145.92 345 iPKPc  48 55.10    1.1
CKI    146.03 331 PKP    48 54.50    0.2
SMF    146.04 338 iPKPc  48 55.30    1.0
MAO    146.05 326 PKP    48 55.70    1.3
AVF    146.09 339 iPKPc  48 55.40    1.1
ATN    146.09 317 PKP    48 53.50   -1.1
BHB    146.16 333 PKP    48 53.86   -0.7
FIN    146.22 331 PKP    48 54.47   -0.2
BNI    146.25 334 PKP    48 56.70    1.9
RRL    146.31 333 PKP    48 55.40    0.4
ROB    146.31 332 PKPc   48 55.09    0.2
BCAO   146.37 254 iPKPd  48 55.90    0.1
        0.7s     18.00nm
                  id     49 39.80
DOI    146.43 332 PKP    48 55.50    0.4
BGF    146.47 339 iPKPc  48 56.60    1.7
PZZ    146.50 333 PKP    48 55.81    0.6
ENR    146.57 332 PKP    48 54.78   -0.5
IMI    146.60 331 PKPc   48 56.01    0.7
STV    146.60 332 PKP    48 54.47   -0.9
SAOF   146.70 332 PKP    48 54.38   -1.0
PLDF   146.70 338 PKP    48 57.67    2.3X
BST    146.73 348 PKP    48 56.84    1.6
MNO    146.73 317 PKP    48 57.88    1.9
AUTN   146.75 332 PKP    48 55.11   -0.7
AGO    146.80 338 PKP    48 57.82    2.3X
TOUF   146.81 332 PKP    48 55.11   -0.7
SBF    146.85 332 PKP    48 55.11   -0.6
MAF    146.85 339 iPKPc  48 57.80    2.2X
AURF   146.88 332 PKP    48 55.11   -0.7
TCF    146.92 340 iPKPc  48 58.10    2.4X
SSB    146.93 336 PKP    48 58.06    2.3X
MVIF   146.95 332 PKP    48 55.11   -0.9
REVF   146.97 331 PKP    48 57.54    1.7
MEU    147.02 315 PKP    48 59.10    2.9X
COLF   147.06 337 PKP    48 57.65    1.7
PZI    147.07 315 PKP    48 58.59    2.3X
PGF    147.08 328 PKP    48 55.72   -0.5
PYM    147.11 338 PKP    48 58.88    2.8X
GIB    147.13 317 PKP    48 57.20    0.8
LSF    147.17 340 iPKPc  48 58.50    2.4X
CALN   147.18 332 PKP    48 55.11   -1.2
USI    147.26 319 PKP    48 58.40    2.0
MFF    147.37 343 iPKPc  48 59.20    2.9X
FRF    147.44 332 iPKPc  48 59.20    2.6X
LBL    147.46 338 PKP    48 59.91    3.2X
MCT    147.59 317 PKP    49 08.80   11.6X
VILF   147.62 333 PKP    49 00.39    3.5X
LRG    147.65 332 iPKPc  49 00.00    3.1X
        1.3s    620.50nm
      Z  22s     22.50um          6.9Msz
TAVF   147.66 333 PKP    49 00.29    3.3X
LMR    147.68 332 iPKPc  49 00.00    3.1X
CDR    147.74 333 ePKPc  49 00.00    2.9X
                  i      49 04.60
                  i      49 23.10
                  e      52 36.90
PUYF   147.88 333 PKP    49 00.68    3.4X
PRAF   147.89 334 PKP    49 01.08    3.7X
TREF   147.95 333 PKP    49 01.10    3.7X
RJF    148.01 340 iPKPc  49 01.20    3.8X
      Z  22s     21.75um          6.9Msz
BERF   148.06 333 PKP    49 01.29    3.6X
GELF   148.12 333 PKP    49 00.57    2.9X
CAF    148.15 339 iPKPc  49 01.70    4.0X
LVI    148.22 319 PKP    49 01.50    3.5X
LFF    148.59 340 iPKPc  48 56.20   -2.2
LPO    148.67 339 iPKPc  48 55.60   -2.9
        1.4s    680.70nm
PTS    149.14 317 PKP    49 04.20    4.7X
CGL    149.17 324 PKP    49 00.48    0.9
MTHF   149.68 336 PKP    49 05.94    5.8X
LSPF   149.92 337 PKP    49 06.30    5.8X
MBZ    150.07 318 iPKPd  49 07.00    6.1X
LESF   150.08 338 PKP    49 06.75    6.0X
ETER   150.09 335 ePKP   49 03.28    2.5X
GR8F   150.15 337 PKP    49 06.45    5.5X
KCHT   150.25 320 iPKPc  49 07.00    5.8X
TRGS   150.28 336 PKP    49 07.26    6.0X
EPF    150.41 339 iPKPc  49 07.30    6.0X
        1.5s    571.30nm
BTH    150.52 340 ePKPd  49 07.50    6.1X
                  i      49 12.00
                  e      49 20.00
                  i      49 42.00
                  i      50 07.00
                  SKP    52 21.00
                  e(PP)  52 46.00
                  e(pPP) 52 56.00
                  e      59 20.00
                  e      59 30.00
                  e      00 18.00
                  e      02 18.00
OGE    150.57 340 PKP    49 08.95    7.5X
ZGN    150.61 318 iPKPd  49 02.00    0.2
ESCF   150.68 340 PKP    49 08.74    7.1X
MADF   150.70 341 PKP    49 08.66    7.0X
ATE    150.71 340 PKP    49 08.83    7.1X
ELYF   150.73 341 PKP    49 08.68    6.9X
ISSF   150.80 340 PKP    49 08.57    6.6X
BOH    150.80 341 PKP    49 08.87    6.9X
LHE    150.84 340 PKP    49 08.68    6.7X
ECRI   151.70 342 ePKP   48 44.49  -18.8X
ESEL   152.16 332 ePKP   49 11.81    7.9X
EBR    152.28 336 ePKP   49 04.00    0.0
                  iPP    53 05.00
EROO   152.31 337 ePKP   49 08.75    4.6X
SYA    152.50 317 iPKPd  49 12.70    8.2X
OAR    152.84 317 iPKPd  49 13.50    8.5X
ECHE   153.91 337 ePKP   48 57.85   -8.6X
ABA    154.43 328 ePKP   49 14.00    6.8X
PTO    154.46 351 iPKPd  49 20.80   13.8X
TOL    154.66 342 ePKP   49 12.55    5.2X
                  ec     49 18.59
                  e      49 41.69
                  ePP    53 12.22
EVIA   155.30 339 ePKP   49 05.51   -2.9
EHUE   156.07 338 ePKP   49 03.50   -6.0X
EBAN   156.16 340 ePKP   48 55.65  -13.8X
ENIJ   156.67 336 ePKP   49 04.91   -5.3X
ECOG   156.89 339 ePKP   48 50.46  -20.1X
EPRU   157.71 342 ePKP   49 05.94   -5.6X
EJIF   158.26 342 ePKP   48 58.07  -14.0X
IFR    160.83 338 iPKP   49 21.00    5.8X
                  i      50 05.60
AVE    161.77 343 ePKP   49 17.50    1.6
                  i      49 22.50
                  i      50 11.00
                  i      53 53.00
TIO    163.93 340 iPKP   49 19.00    0.7
                  i      49 40.50
                  i      50 23.50
KIC    167.09 224 PKP    49 20.86   -0.3
LIC    167.18 222 PKP    49 20.80   -0.5
      Z  22s     14.40um
TIC    167.49 224 PKP    49 21.18   -0.3
MBO    176.50 115 iPKP   49 28.60    3.4X
      S.D. = 1.2  on 381 of 601 obs.
-----------------------------------
*  FEB  13, 1992  01h 41m 42.97± 0.54s
   16.031 S ±11.1km  166.518 E ±12.1km
   DEPTH =  33.0km  (normol)
   4.8mb (  5 obs.)
 VANUATU ISLANDS                    (186)

PVC      2.42 135 iPd    42 22.10    1.1
                  iS     42 53.20
DZM      6.01 181 iPd    43 10.10   -1.9
                  iS     44 18.00
RMQ     19.53 235 iPd    46 11.70    0.9
         0.8s     65.00nm          5.0mb
ARMA    19.78 221 eP     46 18.40    4.9X
         0.9s     17.00nm          4.4mb
CNB     24.58 215 eP     47 03.10    1.7
         0.7s      0.80nm          3.4mb X
MNG     25.71 164 eP     47 18.90    7.0X
QIS     25.93 256 eP     47 16.00    1.8
ASPA    31.55 251 iPc    48 03.30   -1.4
         0.7s     41.00nm          5.4mb
WARB    38.41 248 eP     49 02.50   -0.9
         0.4s      6.00nm          4.8mb
FBA     87.80  18 (P)    54 31.00    1.3
YKA     99.03  27 eP     55 16.30   -5.0X
         0.9s      2.20nm          4.7mb
SDV    123.89  90 ePKP   00 54.30   13.8X
ROI    144.83 318 PKP    01 17.20   -1.3
CSI    144.90 318 PKP    01 17.00   -1.6
CZI    145.31 318 PKP    01 17.80   -1.4
FLN    145.66 345 ePKP   01 18.90   -0.7
         0.8s     12.10nm
LOR    145.70 339 ePKP   01 19.70    0.0
         0.7s      5.50nm
LDF    145.73 344 ePKP   01 19.40   -0.3
LBF    145.90 339 ePKP   01 20.40    0.3
         0.8s      6.70nm
SSF    146.00 339 ePKP   01 20.20    0.0
         0.7s      4.10nm
LPL    146.06 334 ePKP   01 21.10    0.4
LPG    146.07 334 ePKP   01 21.30    0.5
BCAO   146.51 253 iPKPd  01 23.60    1.6
         0.4s     13.00nm
      S.D. = 1.3  on  19 of  23 obs.
-----------------------------------
?  FEB  13, 1992  01h 43m 49.22±10.47s
   32.116 S ±77.1km   71.537 W ±38.6km
   DEPTH =  33.0km  (normol)
 NEAR COAST OF CENTRAL CHILE        (135)

ROCH     0.96 153 iPc     44 07.20    0.6
                  iS     44 21.00
JACH     0.98 126 iPd     44 06.70    0.0
                  iS     44 20.50
PEL      1.25 145 iPc     44 10.60    0.1
                  iS     44 27.00
LCCH     1.36 181 iPc     44 12.50    0.5
                  iS     44 29.90
TACH     1.61 162 iPc     44 16.00    0.2
                  iS     44 36.00
PCH      1.73 150 iPc     44 17.20   -0.3
                  iS     44 39.00
LNV      1.84 177 iPc     44 18.30   -0.7
CHCH     1.96 158 iPc     44 20.50   -0.3
      S.D. = 0.5  on   8 of   8 obs.
-----------------------------------
*  FEB  13, 1992  02h 23m 59.38± 0.51s
   82.444 N ±10.3km   17.672 W ±11.3km
   DEPTH =  10.0km  (geophysicist)
   4.2mb (  5 obs.)
 NEAR NORTH COAST OF GREENLAND      (635)

ARA0    15.88 118 Pn     27 48.25    4.1X
MBC     17.06 307 eP     28 00.50    1.5
NB2     22.74 143 P      29 01.60   -0.6
         0.8s      7.20nm          4.2mb
NRA0    23.07 142 P      29 05.87    0.6
KAF     23.14 124 iP     29 08.00    2.0
         0.4s      2.60nm          4.1mb
HFS     23.84 140 eP     29 12.50   -0.3
         0.5s      7.80nm          4.5mb
UPP     24.46 135 iP     29 18.20   -0.6
NUR     24.52 127 iP     29 19.90    0.5
INK     26.01 310 eP     29 32.00   -1.5
YKA     29.49 291 eP     30 09.60    4.6X
         0.9s      1.00nm          3.6mb
CLL     32.53 143 iPc    30 31.30   -0.6
PRU     33.97 142 P      30 44.80    0.4
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13d 02h

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GRF     34.01 146 eP     30 44.50  -0.3
KHC     34.74 143 eP     30 51.20   0.0
GEC2    35.04 143 Pd     30 53.50  -0.3
        0.8s      2.69nm          4.2mb
GKN     64.02  74 P      34 35.00  -0.1
GUN     64.27  73 P      34 36.60  -0.4
KKN     64.32  73 P      34 36.80  -0.3
DMN     64.47  74 P      34 38.80   0.6
PKI     64.55  73 P      34 38.20  -0.6
     S.D. = 0.9  on  18 of  20 obs.
-----------------------------------------
?  FEB  13, 1992  02h 28m 26.27± 3.63s
    4.913 S ±44.8km  143.323 E ±13.7km
   DEPTH = 142.3 ± 21.2 km
   4.3mb (  3 obs.)
 NEW GUINEA, PAPUA NEW GUINEA     (202)

MNDI     1.28 165 eP     28 53.50   0.0
                 eS     29 16.00
YYYY     2.94 117 eP     29 13.40   0.1
PMG      5.86 140 eP     29 52.00  -0.1
MTN     14.39 236 eP     31 44.50  -0.1
OIS     15.97 193 eP     32 10.00   5.7X
        0.6s      6.00nm          4.1mb
                 eS     34 55.00
WB2     17.31 210 eP     32 20.90   0.1
        0.4s     10.10nm          4.5mb
ASPA    20.74 205 eP     33 05.10   7.7X
        0.4s      5.10nm          4.3mb
     S.D. = 0.2  on   5 of   7 obs.
-----------------------------------------
•  FEB  13, 1992  02h 31m 24.22± 0.75s
   27.983 S ±12.0km   66.654 W ±25.4km
   DEPTH = 227.0 ± 27.8 km
 CATAMARCA PROVINCE, ARGENTINA    (130)

RTRS     3.28 228 iPc     32 20.00   1.0
                 S      33 00.00
RTLL     3.69 205 iPd     32 23.00  -0.9
                 S      33 08.00
CFA      3.87 200 iPd     32 25.20  -0.7
                 (S)    33 10.20
ZON      3.96 206 iPc     32 28.20   1.1
                 eS     33 15.20
MDZ      5.24 201 i(P)    32 43.30   0.3
YJA      5.88  10 ePc     32 51.10  -0.4
PCH      6.53 210 eP      33 00.20   0.8
                 iS     34 15.70
TACH     6.75 212 eP      33 02.00  -0.1
                 iS     34 18.50
CHCH     6.85 209 eP      33 03.80   0.3
                 iS     34 21.20
RFA      6.94 192 iP      33 04.20  -0.5
LNV      7.22 213 eP      33 06.50  -1.6
VAO     18.45  79 eP      35 25.80   0.4
                 e      35 26.80
     S.D. = 1.0  on  12 of  12 obs.
-----------------------------------------
   FEB  13, 1992  02h 38m 18.40± 0.15s
   53.597 N ± 3.4km  165.734 W ± 2.1km
   DEPTH =  44.2km  ( 10 depth phases)
   5.4mb ( 89 obs.)  5.7Msz (  4 obs.)
 FOX ISLANDS, ALEUTIAN ISLANDS    (  9)
      ML 5.4 (PMR). Felt (V) at Akutan
      and Dutch Harbor. Felt (IV) at
      Unalaska.
      CENTROID, MOMENT TENSOR     (HRV)
      Data Used: GDSN
      L.P.B.: 25S, 49C
      Centroid Location:
      Origin Time        02:38:21.0 0.8
      Lat 53.40N 0.15 Lon 165.58W 0.18
      Dep  15.0 FIX Half-duration  4.2
      Moment Tensor;    Scale 10**17 Nm
        Mrr= 5.66 0.77  Mtt=-1.58 0.92
        Mff=-4.09 0.64  Mrt= 9.14 2.37
        Mrf= 4.51 3.11  Mtf=-1.86 0.98
       Principal Axes:
        T  Val= 12.34  Plg=56  Azm=342
        N       -1.83      10      236
        P      -10.51      31      140
      Best Double Couple:Mo=1.1*10**18
       NP1:Strike=198 Dip=17 Slip=  51
       NP2:         58     77      101

SDN      3.52  58 eP     39 12.49   0.6
ADK      6.87 260 eP     39 59.01   0.0
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                 eS     41 29.87
KDC      8.56  56 eP     40 20.59  -1.9
                 eS     42 23.62
PDB      8.87  41 ePd    40 27.51   0.7
SVW      9.29  32 eP     40 33.14   0.4
RSO      9.86  41 ePc    40 40.03  -0.6
TTA     10.65  25 eP     40 51.03  -0.3
SLKM    10.90  44 eP     40 52.30  -2.4X
ANM     11.00   1 eP     40 57.40   1.4
PMS     11.58  42 eP     41 01.80  -2.0
PWA     11.69  40 eP     41 04.70  -0.6
PMR     11.95  41 eP     41 06.17  -2.5X
        0.8s     21.17nm          5.3mb
SMY     12.13 274 eP     41 10.88  -0.3
KLU     13.21  45 eP     41 22.11  -3.4X
TOA     13.41  43 eP     41 26.40  -1.7
IMA     13.86  21 eP     41 35.95   1.9
        1.0s     98.21nm          5.5mb
FBA     14.51  32 eP     41 41.02  -1.3
        0.7s     73.48nm          5.3mb
BALM    14.60  50 eP     41 40.97  -2.8X
                 eS     44 16.20
SIT     17.57  66 eP     42 22.35   1.1
        0.8s     56.87nm          4.8mb
BRW     18.21   9 eP     42 29.10   0.0
INK     21.11  33 P      42 57.00  -4.0X
        0.5s      4.20nm          4.1mb X
YKA     27.77  51 eP     44 05.20   0.6
        0.7s     18.90nm          4.8mb
RMW     28.23  84 eP     44 09.10   0.2
LON     28.57  86 eP     44 13.23   1.2
MBC     28.59  21 eP     44 12.00   0.2
        0.8s     26.00nm          4.9mb
PNT     28.65  80 ePc    44 13.00   0.3
        0.8s     19.00nm          4.8mb
VGB     29.83  87 eP     44 22.78  -0.5
DPW     30.16  81 ePc    44 26.38   0.2
FHC     30.66  98 eP     44 30.78   0.2
        0.8s     71.63nm          5.5mb
LBFM    31.56  95 ePc    44 39.82   1.0
WDC     31.65  97 eP     44 41.40   2.1
                 epP    44 52.50  41km
HON     32.76 167 P      45 00.00  11.0X
      Z  20s     17.73um          5.8Msz
ORV     32.92  97 eP     44 50.60   0.2
SES     33.13  73 ePc    44 51.90  -0.3
        0.9s     99.00nm          5.7mb
KUSJ    33.92 272 P      44 55.50  -3.4X
MHC     34.29 100 eP     45 03.30   0.8
ARN     34.35 100 ePc    45 03.81   0.9
ASAJ    34.56 276 P      45 03.80  -0.7
CMB     34.57  98 eP     45 06.50   1.8
                 epP    45 17.50  40km
LRM     34.60  81 eP     45 04.80  -0.3
HOOJ    35.18 273 eP     45 08.90  -0.9
KVN     35.26  95 eP     45 12.03   1.3
HPI     35.39  84 ePd    45 12.82   0.8
PRI     35.69 101 eP     45 16.00   1.7
                 epP    45 28.50  46km
BONR    35.85  96 ePd    45 17.72   1.8
                 epP    45 28.52  38km
PHAM    36.05 101 eP     45 18.93   1.6
FFC     36.20  62 eP     45 18.00  -0.3
        0.7s     12.00nm          4.9mb
PTI     36.31  85 eP     45 21.00   1.4
TNP     36.41  95 eP     45 21.35   0.8
        0.8s     28.10nm          5.2mb
                 epP    45 33.49  44km
BCH     36.69 101 ePc    45 23.71   0.9
HVU     36.72  87 eP     45 23.92   0.8
ISA     37.30  99 eP     45 28.00   0.2
DUG     37.68  89 eP     45 31.45   0.4
        1.0s      7.06nm          4.5mb
                 epP    45 45.79  56kmX
SBB     38.36 100 eP     45 38.00   1.2
MWC     38.55 101 eP     45 42.00   3.5X
SSK     38.77 100 eP     45 40.77   0.4
                 epP    45 54.21  51km
EMUT    39.11  88 eP     45 44.38   1.2
                 epP    45 53.10  29kmX
RVR     39.11 100 eP     45 56.00  13.0X
MSU     39.13  90 eP     45 44.29   0.9
PEC     39.31 100 eP     45 45.31   0.7
        0.9s     14.35nm          4.8mb
                 epP    45 57.40  44km
SRU     39.73  88 ePc    45 48.75   0.5
TPC     39.81  99 eP     45 49.00   0.2
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PLM     39.87 100 (P)    45 50.63   1.2
RSSD    40.49  78 P      46 00.00   5.6X
      Z  20s      5.09um          5.4Msz
KAKJ    40.98 267 P      45 57.80  -0.5
NIIJ    40.99 269 eP     45 58.00  -0.3
CHJJ    41.79 268 P      46 04.80  -0.1
MAT     41.92 269 eP     46 06.00  -0.1
        1.0s     63.00nm          5.3mb
GOL     42.42  84 eP     46 11.64   1.2
        1.0s      5.30nm          4.2mb X
IIDJ    42.82 268 P      46 14.70   1.2
TSRJ    43.93 270 eP     46 22.70   0.3
ANMO    44.93  90 P      46 31.20   0.5
      Z  20s      7.45um          5.6Msz
ALQ     44.93  90 eP     46 31.00   0.3
        1.2s     19.93nm          4.8mb
KBS     47.74   1 iPd    46 52.50   0.4
SHNJ    47.81 272 P      46 53.10   0.0
ACO     48.08  82 iPc    46 55.00  -0.3
KUMJ    49.09 271 eP     47 02.90  -0.2
MEO     49.72  84 iPc    47 06.80  -1.2
KAGJ    50.01 270 eP     47 09.90  -0.3
SIO     50.40  81 eP     47 12.30  -0.8
LNO     50.59  81 ePc    47 13.40  -1.0
TUL     50.59  81 ePc    47 13.50  -1.1
        0.9s     16.30nm          5.0mb
RLO     50.87  80 eP     47 15.00  -1.7
VVO     51.02  81 eP     47 17.00  -0.8
FVM     52.30  75 iPc    47 25.19  -2.3
        1.0s     58.56nm          5.5mb
BJI     52.49 289 eP     47 27.50  -1.3
        1.0s      5.00nm          4.5mb
      Z  24s      5.80um          5.5MszX
      N  18s      5.70um
                 e      48 39.00 340kmX
ELC     53.47  75 eP     47 34.16  -1.9
LST     53.71  76 eP     47 35.86  -1.9
ELF     53.84  64 P      47 37.75  -1.0
DLA     53.93  65 P      47 38.85  -0.5
GRT     54.06  76 eP     47 39.16  -1.3
ACTO    54.23  63 P      47 40.35  -1.3
TYNO    54.68  64 P      47 43.90  -1.1
CLE     54.89  66 iP     47 45.50  -1.0
WLVO    54.90  62 P      47 45.60  -0.9
STCO    54.98  63 P      47 46.15  -0.9
PJG     55.62 243 eP     47 48.60  -3.4X
GUMO    55.62 243 eP     47 48.30  -3.7X
      Z  30s      1.58um          4.9MszX
GUA     55.64 243 eP     47 48.00  -4.1X
        0.7s     98.63nm          5.9mb
PWLA    55.75  76 ePc    47 50.59  -2.2
WVLY    55.81  63 eP     47 51.94  -1.2
KEV     56.61 355 iP     47 58.00  -0.5
        0.8s     41.10nm          5.5mb
TRO     57.03 358 eP     48 00.00  -1.5
MCWV    57.09  67 eP     48 01.31  -1.0
        0.9s    105.10nm          5.9mb
GBTN    57.48  73 eP     48 02.79  -2.3
TKL     57.73  72 eP     48 04.53  -2.3
CBM     57.95  53 eP     48 06.76  -1.5
BNH     58.10  57 ePc    48 07.58  -1.7
BLA     58.51  69 eP     48 11.05  -1.3
        0.9s     68.87nm          5.8mb
MIM     58.72  55 eP     48 12.22  -1.4
LVNJ    59.00  62 eP     48 14.46  -1.2
CVL     59.04  67 iPc    48 15.08  -0.9
TBR     59.04  62 eP     48 14.86  -1.1
PNJ     59.25  62 iP     48 16.80  -0.5
EMM     59.85  55 eP     48 19.61  -1.8
JSC     60.15  72 eP     48 21.82  -1.8
LHS     60.26  71 eP     48 22.72  -1.6
LZH     62.14 294 Pc     48 35.80  -1.5
        1.4s     88.00nm          5.7mb
                 pP     48 48.50  44km
                 i      49 17.50
KAF     64.24 354 iP     48 48.90  -1.6
        0.6s     37.50nm          5.6mb
NB2     65.69   2 P      48 58.60  -1.3
        0.8s     40.10nm          5.5mb
NUR     65.94 354 iP     49 00.20  -1.2
        0.5s     27.00nm          5.6mb
HKC     66.55 276 iPd    49 06.10   0.2
HFS     66.62   0 eP     49 04.30  -1.5
        0.4s     25.30nm          5.6mb
UPP     66.87 358 iP     49 05.60  -1.7
        1.0s    100.00nm          5.8mb
OBN     70.11 347 eP     49 26.00  -1.5
```

			i	49 27.80	6kmX
			e	49 31.00	
			e	49 49.50	
			e	50 25.00	
MUD	70.23	3	iPd	49 28.20	0.1
	0.7s	14.00nm			5.0mb
EKA	70.49	10	Pd	49 29.80	0.0
	0.9s	40.90nm			5.4mb
KMI	71.06	287	Pd	49 33.00	-1.0
	1.9s	200.00nm			5.8mb
COP	71.07	1	iP	49 33.40	0.1
			e	49 48.00	52km
DMU	71.44	13	eP	49 35.10	-0.5
	1.0s	81.00nm			5.6mb
BSD	71.66	360	iPd	49 36.30	-0.5
	0.6s	17.00nm			5.2mb
DCN	71.93	13	eP	49 38.40	-0.1
	0.9s	125.00nm			5.9mb
DLF	72.08	13	eP	49 39.60	0.3
	1.0s	93.00nm			5.7mb
ETA	72.71	13	eP	49 43.20	0.1
ECP	73.19	13	eP	49 46.70	0.8
	1.1s	276.00nm			6.1mb
PMG	74.34	229	eP	49 50.00	-3.0X
	1.0s	40.00nm			5.3mb
CLL	75.46	1	iPc	49 58.60	-0.4
	1.0s	31.00nm			5.2mb
BNS	75.64	5	ePc	49 59.50	-0.5
BRG	75.90	0	iP	50 01.40	-0.1
	1.0s	20.00nm			5.0mb
KSP	75.92	359	iPc	50 01.00	-0.6
	0.8s	30.00nm			5.3mb
SNF	75.93	7	iP	50 01.84	0.2
MEM	75.94	5	iPc	50 01.64	0.0
MOX	76.11	2	eP	50 02.70	0.0
	1.2s	40.00nm			5.3mb
DOU	76.36	6	iPd	50 04.10	0.0
	0.9s	80.00nm			5.7mb
KRA	76.61	356	ePd	50 05.70	0.2
	0.8s	109.00nm			5.9mb
			e	50 17.90	41km
SHL	76.75	295	iPc	50 05.00	-1.9
PRU	76.79	360	iPc	50 11.70	5.2X
	1.2s	25.50nm			5.1mb
			e	50 15.00	11kmX
			e	50 29.10	
PRU	76.79	360	P	50 06.40	-0.1
	1.1s	12.40nm			4.8mb
			e	50 47.50	168kmX
WLF	76.89	5	P	50 06.00	-1.0
GRF	77.05	2	iPc	50 08.50	0.5
	1.1s	39.00nm			5.3mb
Z	20s	4.00um			5.7Msz
FLN	77.26	10	ePc	50 08.30	-0.8
	0.9s	27.85nm			5.3mb
LDF	77.46	10	iPc	50 10.00	-0.2
	0.8s	32.25nm			5.4mb
SPC	77.47	356	iPc	50 12.10	1.6
GRR	77.59	10	iPc	50 11.00	0.1
	1.1s	39.05nm			5.4mb
KHC	77.65	0	iPc	50 11.70	0.4
	1.2s	25.50nm			5.1mb
			e	50 15.00	11kmX
			e	50 29.10	
LOE	77.67	282	eP	50 11.00	-0.8
LPF	77.92	10	iPc	50 13.10	0.4
	1.1s	36.65nm			5.3mb
GEC2	77.93	0	Pd	50 11.50	-1.4
	0.7s	10.92nm			5.0mb
GUN	78.02	301	P	50 14.00	-0.1
CHG	78.17	286	iPc	50 14.00	-0.6
	1.2s	69.14nm			5.5mb
CDF	78.19	5	iPc	50 14.60	0.2
	0.8s	13.45nm			5.0mb
VITF	78.32	6	P	50 15.11	0.1
KKN	78.43	301	P	50 15.80	-0.4
TSM	78.49	262	eP	50 10.00	-6.4X
VKA	78.50	359	eP	50 16.00	0.0
PKI	78.54	301	P	50 16.40	-0.6
HAU	78.55	5	iPc	50 16.50	0.2
	0.7s	18.75nm			5.2mb
ZST	78.56	358	eP	50 18.60	2.4
GKN	78.58	302	P	50 16.00	-1.0
DMN	78.67	301	P	50 17.40	-0.2
PSZ	78.75	356	iP	50 17.80	0.4
BSF	78.75	5	eP	50 17.40	-0.1
	0.8s	24.20nm			5.2mb

FEL	78.77	4	P	50 17.28	-0.3
SLE	78.90	4	ePd	50 18.20	0.0
SRO	78.91	357	eP	50 18.60	0.4
BHG	79.05	1	eP	50 19.50	0.5
LOR	79.12	7	iPc	50 19.60	0.2
	0.8s	30.90nm			5.3mb
BUD	79.22	357	eP	50 19.90	0.1
LOMF	79.23	5	P	50 20.18	0.1
SSF	79.30	7	iPc	50 20.60	0.3
	0.8s	40.30nm			5.4mb
BDT	79.38	284	eP	50 20.90	-0.2
	0.8s	83.10nm			5.7mb
LBF	79.41	7	iPc	50 20.90	-0.1
	0.6s	26.85nm			5.4mb
MFF	79.43	10	iPc	50 21.50	0.5
	0.9s	55.70nm			5.5mb
SQTA	79.53	2	iPc	50 21.20	-0.5
	1.0s	52.50nm			5.4mb
			ic	50 22.20	3kmX
			i	50 35.30	
			i	50 45.90	
AVF	79.56	8	iPc	50 21.80	0.1
	0.8s	38.30nm			5.4mb
CLI	79.62	351	eP	50 23.00	0.9
KBA	79.70	1	iPc	50 23.40	0.7
	0.9s	78.70nm			5.7mb
			i	50 49.00	98kmX
			i	51 27.00	
SMF	79.74	7	iPc	50 22.70	0.0
	0.8s	45.00nm			5.5mb
BGF	79.75	8	iPc	50 22.80	0.0
	0.8s	22.85nm			5.2mb
LLS	79.81	4	ePd	50 23.90	0.5
OGA	79.88	2	iPd	50 24.70	1.0
	0.8s	32.00nm			5.3mb
LSF	79.94	9	eP	50 23.80	0.0
TCF	79.96	8	iPc	50 24.00	0.0
	0.9s	31.10nm			5.3mb
NST	79.97	283	eP	50 29.50	5.2X
OSS	80.03	3	ePd	50 25.30	0.8
MAF	80.06	8	iPc	50 24.80	0.3
	0.8s	36.25nm			5.4mb
UZD	80.12	357	eP	50 25.50	0.8
FVI	80.18	1	P	50 25.20	0.2
VDL	80.21	3	ePd	50 26.30	0.8
AGO	80.27	8	P	50 25.86	0.3
VRI	80.34	351	iPd	50 27.00	1.1
PLDF	80.40	8	P	50 26.91	0.6
CVO	80.44	352	eP	50 27.50	1.0
EMS	80.51	5	ePd	50 28.10	1.0
PYM	80.56	8	P	50 27.06	-0.2
TMA	80.57	4	ePd	50 28.20	0.8
MMK	80.58	4	ePd	50 29.00	1.5
CTI	80.71	2	P	50 28.10	0.1
LJU	80.74	360	eP	50 27.50	-0.5
VOY	80.75	0	eP	50 27.90	-0.3
MLR	80.79	352	eP	50 31.00	2.5
VAI	80.80	4	P	50 28.90	0.6
COLF	80.85	8	P	50 29.14	0.4
PTJ	80.87	359	eP	50 28.90	0.1
RJF	80.88	9	iPc	50 28.80	0.0
	0.8s	21.50nm			5.2mb
ZAG	80.95	359	ePc	50 29.50	0.4
ORX	81.00	4	P	50 30.14	0.6
ORO	81.01	4	P	50 30.50	0.9
CEY	81.04	360	eP	50 29.40	-0.3
LPL	81.05	5	iPc	50 31.30	1.3
	0.8s	13.45nm			5.0mb
TRI	81.07	0	eP	50 29.30	-0.4
LBL	81.10	8	P	50 30.51	0.5
LSD	81.14	5	P	50 31.48	1.0
SSB	81.15	7	P	50 29.79	-0.5
LFF	81.16	10	iPc	50 30.80	0.6
	0.6s	25.25nm			5.4mb
VBY	81.27	359	eP	50 29.30	-1.5
			i	50 31.00	5kmX
			iPcP	50 35.00	
CAF	81.30	9	eP	50 31.40	0.4
	0.8s	29.55nm			5.3mb
RIY	81.44	360	ePc	50 31.00	-0.6
RSP	81.45	5	P	50 33.01	1.1
LPO	81.46	9	iPc	50 31.50	-0.3
	0.9s	22.95nm			5.2mb X
LPO	81.46	9	iPc	50 32.20	0.4X
	0.9s	31.10nm			5.3mb
BNI	81.51	5	P	50 34.40	2.1
PCI	81.52	257	ePd	50 32.30	-0.2

KHT	81.57	283	eP	50 33.20	0.4
NDI	81.65	308	iPc	50 33.00	-0.1
RRL	81.65	5	P	50 34.86	1.7
BHB	81.76	5	P	50 32.91	-0.5
BEO	81.82	356	iPc	50 34.50	0.9
BOB	81.93	3	P	50 35.70	1.4
PZZ	82.08	5	P	50 34.55	-0.7
PCP	82.12	4	P	50 35.27	0.0
CKI	82.22	4	P	50 36.20	0.4
MAIO	82.29	325	iPc	50 36.30	-0.1
ROB	82.33	5	P	50 36.30	-0.2
STV	82.36	5	P	50 35.68	-0.9
ENR	82.38	5	P	50 35.07	-1.7
FIN	82.43	4	P	50 36.40	-0.5
MME	82.54	3	P	50 39.20	1.4
NNT	82.65	281	eP	50 38.60	0.2
BDI	82.67	3	P	50 38.30	0.1
IMI	82.72	5	P	50 38.55	0.1
SBF	82.74	5	iPc	50 39.10	0.5
	0.8s	61.80nm			5.7mb
SFI	82.84	2	P	50 40.60	1.7
BTH	82.86	11	eP	50 40.00	0.9
			(sPcP)	51 08.50	
PGD	82.88	2	P	50 41.00	1.6
FIR	82.97	2	e(P)	50 41.00	1.4
FRF	83.00	6	iPc	50 40.60	0.8
	0.7s	19.85nm			5.3mb
PII	83.01	3	P	50 39.90	0.1
EPF	83.01	10	iPc	50 39.90	-0.1
	0.9s	13.10nm			5.0mb
LRG	83.09	6	eP	50 41.20	0.9
	0.8s	13.45nm			5.1mb
PVL	83.10	352	eP	50 41.00	0.7
LESF	83.11	10	P	50 41.18	0.8
CRE	83.13	2	P	50 41.90	1.2
LMR	83.22	6	eP	50 41.80	0.9
	0.8s	16.10nm			5.1mb
ENSF	83.23	10	P	50 42.38	1.2
ARV	83.28	1	P	50 41.80	0.5
MTHF	83.31	9	P	50 42.43	0.9
GRBF	83.32	9	P	50 41.98	0.4
PLE	83.35	356	iPc	50 42.59	0.8
HVAR	83.58	358	iP	50 42.70	-0.1
ASS	83.70	1	P	50 44.50	1.0
JMB	83.73	351	eP	50 39.00	-4.6X
IVA	83.79	356	iPd	50 44.36	0.4
BRY	83.81	357	iPc	50 43.84	-0.3
KVT	83.85	344	iP	50 45.40	1.1
VTS	83.88	353	iPd	50 44.00	-0.6
NKY	83.88	356	iPc	50 44.08	-0.4
PVY	84.06	356	iPd	50 45.59	0.2
PGF	84.13	4	iPc	50 46.50	0.8
	0.7s	33.05nm			5.5mb
DIM	84.24	352	eP	50 47.00	0.9
PLD	84.25	352	eP	50 46.00	-0.2
TTG	84.25	356	iPc	50 45.94	-0.2
HCY	84.26	357	iPc	50 45.73	-0.5
MNS	84.39	1	P	50 46.90	0.0
BDV	84.42	357	iPc	50 46.71	-0.3
AQU	84.42	1	P	50 48.70	1.6
SKO	84.61	355	iP	50 48.00	0.0
	0.9s	81.00nm			5.8mb
KKB	84.61	353	iPc	50 48.00	0.0
RZN	84.67	352	iPc	50 49.00	0.4
ULC	84.72	356	iPc	50 48.15	-0.4
AZI	84.79	1	P	50 50.00	1.2
MMB	84.84	353	iPc	50 50.00	0.8
QUE	84.90	316	eP	50 50.40	0.5
	1.0s	89.00nm			5.9mb
			e(S)	01 23.40	
RDP	85.01	1	P	50 51.00	0.9
HRT	85.02	348	iP	50 50.70	0.5
SDI	85.07	0	P	50 50.80	0.4
MTN	85.11	241	eP	50 50.00	-0.7
DUI	85.12	360	P	50 51.80	1.1
VAY	85.19	354	iP	50 51.40	0.5
YLV	85.31	349	eP	50 51.70	0.0
SRS	85.32	353	eP	50 51.36	-0.3
KNT	85.32	353	eP	50 51.83	0.2
ALN	85.34	351	eP	50 51.87	0.2
OHR	85.50	355	iP	50 52.20	-0.4
	1.2s	147.00nm			6.0mb
IZI	85.53	348	iP	50 53.60	0.9
GRG	85.56	354	eP	50 52.83	0.0
TOL	85.56	14	eP	50 56.00	3.1X
SOH	85.63	353	eP	50 52.79	-0.4
TOV	85.71	79	eP	50 54.70	0.7

13d 02h

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FNA     85.80 355 eP     50 53.59  -0.5
BRT     85.87 358 P      50 54.60   0.3
SDV     85.94  81 eP     50 55.10  -0.2
OUR     86.07 353 eP     50 54.98  -0.3
SGO     86.22 359 P      50 56.30   0.3
LCI     86.39 357 P      50 57.50   0.6
LIT     86.41 354 eP     50 56.12  -0.9
PAIG    86.50 353 eP     50 55.36  -2.1
MGR     86.63 359 P      50 57.90  -0.2
ORI     86.70 358 P      50 59.50   1.1
CSI     86.98 358 P      51 01.00   1.1
IGT     87.10 355 eP     51 00.16  -0.2
TDS     87.10 358 P      51 00.70   0.3
AGG     87.49 354 eP     51 01.20  -1.1
CZI     87.54 359 P      51 01.20  -1.3
QIS     87.55 230 eP     51 01.00  -1.6
GRI     87.94 358 P      51 04.57   0.1
         0.9s    79.70nm          6.0mb
IPM     88.28 275 ePd    51 07.00   0.6
         0.8s    34.40nm          5.7mb
SOI     88.69 359 P      51 07.20  -0.8
RMO     88.96 220 eP     51 10.00   0.8
WB2     89.49 234 eP     51 11.50  -0.4
         0.8s     6.50nm          5.0mb
WRA     89.50 235 P      51 11.40  -0.5
         0.9s     4.30nm          4.8mb
HYB     90.46 301 iPc    51 16.20  -0.5
         1.0s   155.00nm          6.3mb
PPCY    90.50 345 eP     51 16.00  -0.5
POO     91.87 305 iPc    51 22.60  -0.6
ATZ     92.03 342 eP     51 23.00  -0.7
BOM     92.06 306 eP     51 22.00  -1.9
ASPA    92.88 233 eP     51 27.10  -0.4
         1.0s     7.10nm          5.1mb
DSI     93.23 342 eP     51 29.20   0.0
MBH     95.07 342 eP     51 37.70  -0.1
KIC    118.15  22 PKP    57 01.40  -0.8
BCAO   122.07 355 iPKPd 57 09.60  -0.1
         0.5s    10.00nm
                  id     58 41.50
KRI    141.40 336 iPKPd 58 01.80  15.5X
SPA    143.41 180 iPKPd 57 45.90  -2.4X
         1.1s    16.07nm
WIN    148.94 355 iPKPc 58 03.00   4.2X
         0.9s    42.02nm
SLR    150.27 334 iPKPc 58 02.60   1.9X
         0.9s    75.63nm
SEK    152.90 333 iPKPc 58 13.80   9.3X
         0.7s    89.04nm
KIM    154.00 339 ePKP  58 06.00   0.0
BLF    154.02 336 ePKP  58 14.50   8.5X
         0.9s    29.23nm
                  i      58 27.00
FRS    154.84 337 ePKP  58 09.20   2.4X
         0.8s    67.16nm
                  i      58 25.50
HVD    155.62 336 e(PKP)58 08.50   0.4
CER    159.46 348 ePKP  58 14.00   1.5X
      S.D. = 0.9  on 323 of 351 obs.
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%  FEB  13, 1992  03h 17m 58.42± 2.12s
   45.025 N ± 6.8km    6.750 E ±17.1km
   DEPTH =   5.0km  (geophysicist)
 FRANCE                            (538)
      ML 1.7 (GEN).

RRL      0.11 167 P      18 01.34   0.5
                  S      18 03.29
RSP      0.38  70 P      18 06.26   0.2
                  S      18 13.13
BHB      0.41 116 P      18 06.67   0.0
                  S      18 12.21
LSD      0.52  33 P      18 08.72  -0.1
                  S      18 16.31
PZZ      0.58 154 P      18 09.44  -0.5
                  S      18 17.13
      S.D. = 0.5  on   5 of   5 obs.
-----------------------------------
*  FEB  13, 1992  03h 25m 42.01± 0.62s
   15.872 S ±12.0km  166.445 E ±13.3km
   DEPTH =  33.0km  (normol)
   4.5mb (  4 obs.)
 VANUATU ISLANDS                   (186)

PVC      2.58 136 iPc    26 23.00   0.7
                  iS     26 52.50
DZM      6.17 180 iPd    27 11.90  -1.4
                  iS     28 18.50
RMO     19.56 234 iPc    30 11.80   1.6
         1.0s    37.00nm          4.6mb
CMS     24.39 227 eP     31 00.00   1.5
WB2     30.78 258 eP     31 56.60  -0.4
         0.9s     1.80nm          3.9mb
ASPA    31.54 251 iPd    32 02.50  -1.1
         0.6s     9.20nm          4.8mb
MAT     58.55 333 eP     35 48.00  10.2X
         1.0s    11.00nm
FBA     87.68  18 (P)    38 29.00   0.9
YKA     98.92  27 eP     39 19.80   0.0
         0.5s     0.50nm          4.3mb
ROI    144.67 318 PKP    45 15.40  -1.9
CZI    145.14 318 PKP    45 15.10  -2.9
FLN    145.49 345 ePKP   45 18.40   0.1
LOR    145.53 339 ePKP   45 19.00   0.5
         0.7s     5.50nm
LDF    145.56 344 ePKP   45 18.70   0.2
LBF    145.73 339 ePKP   45 19.90   1.0
SSF    145.83 339 ePKP   45 20.20   1.2
         0.7s     4.95nm
BCAO   146.49 254 iPKPd 45 24.10   3.0X
         0.6s     8.00nm
                  id     45 33.10
      S.D. = 1.4  on  15 of  17 obs.
-----------------------------------
%  FEB  13, 1992  05h 01m 21.46± 1.88s
   31.281 S ± 9.5km   68.078 W ±14.6km
   DEPTH =  10.0km  (geophysicist)
 SAN JUAN PROVINCE, ARGENTINA      (137)

RTLL     0.34 262 iPc    01 28.50   0.0
CFA      0.35 203 iPd    01 28.80   0.0
                  S      01 35.00
RTCB     0.65 251 iPc    01 34.50   0.0
                  S      01 45.80
RTRS     1.63 313 ePd    01 50.20   0.0
                  S      02 12.00
RFA      3.50 185 iP     02 17.00   0.0
      S.D. = 0.0  on   5 of   5 obs.
-----------------------------------
   FEB  13, 1992  06h 14m 33.25± 0.29s
   22.992 S ± 4.4km  178.580 W ± 6.9km
   DEPTH = 382.6km  (  2 depth phases)
   4.7mb ( 21 obs.)
 SOUTH OF FIJI ISLANDS             (171)

SVA      5.59 330 ePc    16 00.90  -0.4
VUN      5.68 330 iPc    16 01.30  -1.0
KRO      5.96 341 ePc    16 04.20  -1.3
TVI      6.19 347 eP     16 11.90   3.9X
SGE      6.30 328 eP     16 10.10   0.8
NDE      6.67 342 eP     16 12.70  -0.8
DZM     13.87 271 iPc    17 38.20   1.4
WCZ     14.29 204 eP     17 41.80   0.7
KUZ     14.57 198 eP     17 44.40   0.4
HBZ     14.80 190 eP     17 47.20   0.7
WLZ     15.62 197 eP     17 56.60   1.4
URZ     15.66 193 eP     17 53.90  -1.7
                  eS     20 38.30
NOZ     15.84 190 eP     17 55.70  -1.8
RUZ     16.90 196 eP     18 05.70  -2.7
PGZ     18.10 193 eP     18 21.00   0.6
MNG     18.27 195 eP     18 19.10  -3.1X
                  eS     21 30.50
KIW     18.64 196 eP     18 23.90  -1.9
CAW     18.84 195 eP     18 26.00  -1.7
AMW     18.87 193 P      18 28.80   0.8
BLW     18.99 194 P      18 29.70   0.4
MRW     19.04 196 eP     18 29.10  -0.6
TCW     19.14 197 eP     18 29.00  -1.6
ORZ     19.30 201 eP     18 33.10   0.9
THZ     20.03 199 eP     18 40.70   1.3
DSZ     20.36 201 P      18 43.70   1.1
KHZ     20.46 197 eP     18 43.90   0.5
LTZ     21.15 199 P      18 49.60  -0.7
MOZ     21.89 197 eP     18 55.50  -1.7
EWZ     22.25 201 P      19 00.50   0.0
ARMA    27.57 248 iPc    19 50.10   1.2
         0.7s    17.00nm          4.5mb
                  e      21 04.20
RMO     29.83 257 iPd    20 10.60   2.0
         1.1s    55.00nm          4.8mb
                  e      21 20.00
CAN     30.72 239 iPd    20 18.00   1.6
BWA     30.97 241 eP     20 17.50  -1.1
CMS     32.64 247 iPc    20 34.20   1.3
         1.0s    47.00nm          4.8mb
PMG     35.46 287 iPd    20 55.80  -0.9
         1.1s   303.80nm          5.5mb
QIS     38.82 265 iPd    21 24.40   0.0
         0.2s     3.00nm          4.2mb
ASPA    43.48 259 iPd    22 02.60   0.5
         0.5s    47.10nm          5.0mb
                  e      23 18.70
                  eS     28 03.30
WB2     43.77 265 iPc    22 04.30  -0.1
         0.1s    50.80nm          5.8mb X
                  eS     28 05.30
WRA     43.78 265 P      22 04.30  -0.2
         0.7s    25.90nm          4.6mb
FORR    47.81 249 eP     22 35.80   0.1
         0.4s    34.00nm          5.0mb
MTN     48.70 273 eP     22 41.00  -1.7
WARB    49.61 255 iPd    22 49.10  -0.4
         0.3s     6.00nm          4.4mb
KNA     49.98 268 iPd    22 52.40   0.1
         0.3s    61.00nm          5.4mb
COOL    53.76 248 iPc    23 19.40  -0.5
         0.6s    16.00nm          4.5mb
KLB     56.54 246 eP     23 39.60   0.1
MBL     56.73 259 eP     23 40.20  -0.8
BAL     57.58 247 eP     23 46.50  -0.3
         0.3s    11.00nm          4.8mb
MRWA    58.42 249 iPc    23 52.50   0.0
SPA     67.15 180 iPc    24 51.80   3.0
         1.2s    26.76nm          4.8mb
SBB     81.32  47 eP     26 11.00   1.7
ISA     81.46  46 eP     26 12.00   2.0
BONR    82.92  44 P      26 17.90   0.2
                  pP     27 45.70 383km
TNP     83.69  44 P      26 21.70   0.3
         0.8s     8.97nm          4.6mb
                  pP     27 49.60 382km
SVW     85.84  11 eP     26 30.70  -0.6
MCW     86.97  33 P      26 36.30  -0.6
TTA     87.48  10 eP     26 39.00  -0.2
PMR     87.56  14 eP     26 39.00  -0.4
         0.4s     5.60nm          4.8mb
SRU     88.63  46 P      26 45.60   0.3
TOA     88.67  15 eP     26 45.30   0.5
BALM    88.71  17 P      26 43.70  -1.3
DPW     88.88  36 P      26 45.50  -0.5
PNT     89.01  34 eP     26 47.00   0.5
         0.7s    10.00nm          4.8mb
ANMO    89.37  51 P      26 49.70   0.9
         1.0s     5.00nm          4.3mb
PTI     89.43  42 P      26 46.20  -2.6
CHG     90.58 290 eP     26 56.30   1.9
FBA     90.78  13 eP     26 53.70  -0.6
         0.6s     9.40nm          4.9mb
IMA     90.78  10 eP     26 54.50   0.0
         0.7s     3.40nm          4.4mb
LRM     90.97  40 eP     26 58.40   2.5
BW06    91.14  43 P      26 57.30   0.5
         0.8s     4.52nm          4.5mb
                  pP     28 30.50 401kmX
YKA     98.99  25 eP     27 30.30  -1.5
         0.6s     0.30nm          3.8mb
NB2    141.37 352 PKP    33 13.60  -6.6X
         0.5s     0.60nm
HFS    141.90 350 ePKP   33 14.60  -6.5X
         0.3s     3.00nm
EKA    147.52   5 PKPc   33 36.70   6.1X
         0.9s     9.30nm
DMU    148.50   9 ePKP   33 39.30   7.1X
DCN    148.98  10 ePKP   33 37.00   4.1X
VRI    149.31 324 ePKP   33 38.00   4.3X
KRA    149.33 336 ePKP   33 44.80  11.2X
BRD    149.35 323 ePKP   33 42.00   8.2X
KSP    149.88 341 iPKPc  33 40.00   5.6X
                  e      35 14.80
MLR    149.97 324 ePKP   33 40.00   5.1X
CLL    150.34 345 iPKP   33 40.40   5.4X
         1.2s    26.00nm
                  i      35 16.90
BRG    150.51 344 iPKP   33 41.00   5.7X
                  e      35 18.00
COZ    150.93 326 ePKP   33 43.00   6.6X
PRU    151.15 342 ePKP   33 46.10   9.8X
                  e      33 48.60
                  e      35 22.00
PRU    151.15 342 ePKP   33 42.20   5.9X
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MOx    151.27 346 ePKP   33 42.90    6.4X
        1.1s     10.00nm
ZST    151.91 337 ePKP   33 41.80    4.3X
                  e      33 46.40
KHC    152.20 343 ePKP   33 46.10    8.2X
                  e      33 48.60
                  e      35 22.00
GEC2   152.42 342 PKP    33 44.60    6.3X
        0.7s      1.59nm
GEC2   152.42 342 PKP    33 47.50    9.2X
      S.D. = 1.2  on  68 of  90 obs.
-----------------------------------------
&  FEB  13, 1992  06h 18m 24.51s
   58.585 N            152.161 W
   DEPTH =  14.8km
 KODIAK ISLAND REGION                ( 13)
      <AEIC>. ML 2.7 (AEIC).

KDC      0.86 192 eP     18 39.84   -0.7
                  eS     18 50.95
XLV      0.90  14 iP     18 39.97   -1.4
                  eS     18 52.36
AUE      1.00 322 eP     18 41.85   -1.1
AUI      1.00 319 eP     18 41.54   -1.4
AUP      1.02 321 eP     18 42.06   -1.3
CNPM     1.06  26 eP     18 42.69   -1.3
                  eS     18 57.32
MCNL     1.28 299 eP     18 46.04   -1.7
                  eS     19 02.75
BRLK     1.35  28 eP     18 47.93   -0.9
INE      1.55 343 eP     18 50.13   -1.6
INW      1.57 342 eP     18 50.71   -1.2
PDB      1.60 320 eP     18 50.63   -1.6
                  eS     19 10.79
RED      1.87 351 eP     18 55.52   -0.7
RS1      1.91 351 eP     18 56.18   -0.8
RSO      1.91 351 eP     18 56.60   -0.4
RS2      1.91 351 eP     18 56.28   -0.7
REF      1.93 352 eP     18 56.03   -1.2
RDT      2.00 357 eP     18 57.23   -0.9
SEW      2.06  41 eP     18 58.50   -0.5
SLKM     2.17  26 eP     19 00.55    0.0
SPU      2.61   1 eP     19 06.95    0.1
CKL      2.62 358 eP     19 07.10    0.0
CKN      2.65 360 eP     19 04.76   -2.7
BGL      2.69 358 eP     19 08.90    0.8
MTU      2.71  57 eP     19 07.64   -0.6
NCG      2.83   0 eP     19 10.69    0.7
PMS      2.97  25 eP     19 11.85   -0.1
SUA      2.97  13 eP     19 11.40   -0.7
SVW      3.08 327 eP     19 13.11   -0.3
PWA      3.28  19 eP     19 16.43    0.1
PLRM     3.38  25 eP     19 17.11   -0.6
KNK      3.39  32 eP     19 17.14   -0.8
SKT      3.42   5 eP     19 18.11   -0.2
GLI      3.45  46 eP     19 17.07   -1.6
GHO      3.58  25 eP     19 19.78   -0.9
SML      3.76  29 eP     19 22.73   -0.4
VZW      3.76  46 eP     19 21.86   -1.4
        36 obs. associated
-----------------------------------------
%  FEB  13, 1992  07h 16m 47.47± 0.86s
   40.760 N ±12.5km   21.431 E ± 6.3km
   DEPTH =  10.0km  (geophysicist)
 GREECE                              (364)
      MD 2.1 (THE).

FNA      0.05 300 ePg    16 50.00    0.3
                  eSg    16 51.91
OHR      0.59 306 iPg    16 59.20   -0.3
                  iSg    17 10.00
GRG      0.76  75 ePg    17 02.32   -0.1
                  eSg    17 13.83
LIT      1.04 129 ePg    17 07.19    0.0
                  eSg    17 20.51
KNT      1.18  70 ePb    17 09.64    0.1
                  eSb    17 25.51
SOH      1.46  87 ePb    17 13.83   -0.1
                  eSb    17 35.08
      S.D. = 0.3  on   6 of   6 obs.
-----------------------------------------
   FEB  13, 1992  08h 08m 56.42± 0.27s
   20.139 N ± 4.5km  145.385 E ± 6.9km
   DEPTH = 150.4km  (  5 depth phases)
   4.5mb ( 12 obs.)
 MARIANA ISLANDS                     (216)

SAPN     4.92 176 eP     10 11.50    1.9
                  e(S)   12 09.00
PJG      6.53 184 eP     10 32.00    0.7
GUMO     6.53 184 eP     10 32.00    0.7
GUA      6.58 184 eP     10 31.40   -0.6
MAT     17.51 340 eP     12 54.00    1.2
SSE     24.34 301 P      14 02.00    0.3
        1.0s      9.00nm          4.3mb
LZH     39.61 303 eP     16 16.00    1.0
        1.0s     21.00nm          4.8mb
CHTO    43.70 276 P      16 48.80    0.5
ASPA    44.96 195 iPd    16 57.00   -1.2
        0.5s      5.40nm          4.4mb
DZM     46.73 153 iPd    17 10.70   -1.6
SHL     49.33 287 iPc    17 32.00   -0.6
WARB    49.51 202 eP     17 32.90   -0.8
GUN     54.46 290 P      18 11.60    0.5
PKI     54.91 290 P      18 13.80   -0.5
KKN     55.00 290 P      18 14.60   -0.2
        1.0s     38.00nm          5.2mb
DMN     55.17 290 P      18 16.00   -0.1
GKN     55.54 291 P      18 18.80    0.2
IMA     60.09  24 eP     18 50.50    0.8
        1.0s      5.20nm          4.4mb
PMR     60.85  30 eP     18 54.70   -0.1
FBA     62.14  26 eP     19 04.10    0.7
        0.7s      4.00nm          4.5mb
INK     68.17  23 eP     19 41.00   -0.9
                  pP     20 18.00 153km
MBC     71.84  15 ePc    20 04.00    0.0
        0.5s      5.00nm          4.5mb
YKA     76.86  28 eP     20 32.00   -1.0
        0.6s      7.10nm          4.6mb
BONR    82.65  52 eP     21 05.40    0.6
                  epP    21 43.60 152km
SES     83.00  39 eP     21 06.00    0.0
TNP     83.41  52 eP     21 09.10    0.6
        0.7s      3.56nm          4.3mb
                  epP    21 46.30 148km
LRM     83.90  43 eP     21 11.30    0.4
                  e      21 48.20 146km
KAF     84.99 336 iP     21 14.20   -1.5
        0.5s      4.90nm          4.6mb
DUG     85.82  49 eP     21 21.00    0.5
                  epP    21 59.50 153km
FFC     86.04  32 eP     21 21.00    0.0
        0.7s      9.00nm          4.7mb
APO     90.57 338 eP     21 40.70   -1.7
        0.4s      1.80nm          4.5mb
ARE    144.84  90 ePKP   28 18.00   -0.2
LPB    148.05  89 PKP    28 27.00    3.5X
YJA    151.15 100 ePKP   28 28.50    0.3
      S.D. = 0.9  on  33 of  34 obs.
-----------------------------------------
?  FEB  13, 1992  08h 41m 47.32± 0.95s
   40.601 N ± 9.0km   29.852 E ± 6.4km
   DEPTH =   5.0km  (geophysicist)
 TURKEY                              (366)

EYL      0.24  98 iPg    41 52.20    0.1
                  eSg    41 54.20
HRT      0.26 328 iPg    41 52.50   -0.1
                  iSg    41 55.50
YLV      0.37 265 ePg    41 55.00    0.3
IZI      0.39 228 iPg    41 55.00   -0.2
                  iSg    42 02.00
      S.D. = 0.4  on   4 of   4 obs.
-----------------------------------------
%  FEB  13, 1992  09h 05m 44.29± 2.42s
   38.419 S ±13.9km  175.837 E ± 9.9km
   DEPTH = 203.3 ± 21.1 km
 NORTH ISLAND, NEW ZEALAND           (159)

RUZ      0.81 209 Pc     06 13.30   -0.2
                  S      06 31.10
MOZ      0.82 264 P      06 13.70    0.2
URZ      1.01  81 P      06 14.60   -0.1
                  eS     06 33.00
MNG      2.21 187 Pd     06 25.80    0.2
                  S      06 51.70
PGZ      2.22 171 P      06 26.20    0.5
KIW      2.54 196 P      06 29.10   -0.1
MTW      2.75 185 P      06 31.20   -0.4
CAW      2.75 192 P      06 31.60    0.0
DIW      2.80 211 Pc     06 32.50    0.3
AMW      2.89 181 P      06 33.20    0.1
MRW      2.94 197 P      06 33.60   -0.2

                  eS     07 06.30
BLW      2.96 185 P      06 34.00    0.0
MOW      3.03 188 Pc     06 34.70   -0.2
TCW      3.04 203 eP     06 34.90    0.0
QRZ      3.51 226 eP     06 40.40   -0.2
                  eS     07 19.80
KHZ      4.36 203 P      06 51.30    0.1
                  eS     07 37.80
LTZ      5.14 211 eP     07 01.30    0.2
      S.D. = 0.2  on  17 of  17 obs.
-----------------------------------------
%  FEB  13, 1992  09h 18m 06.15± 0.63s
   40.395 N ± 5.3km   23.334 E ± 5.5km
   DEPTH =  10.0km  (geophysicist)
 GREECE                              (364)
      MD 1.8 (THE).

THE      0.37 310 ePg    18 12.85   -0.9
SOH      0.43   2 ePg    18 14.62   -0.2
                  eSg    18 20.69
OUR      0.50  97 ePg    18 16.57    0.3
PAIG     0.54 150 ePg    18 16.62   -0.4
                  eSg    18 24.14
LIT      0.71 246 ePg    18 20.33    0.2
                  eSg    18 31.53
SRS      0.75  15 ePg    18 20.98    0.2
                  eSg    18 32.82
KNT      0.83 337 ePg    18 21.98   -0.3
                  eSg    18 34.69
GRG      0.90 309 ePg    18 24.62    1.1
                  eSg    18 36.78
      S.D. = 0.7  on   8 of   8 obs.
-----------------------------------------
*  FEB  13, 1992  10h 13m 31.00± 0.94s
   38.183 N ± 8.2km   21.869 E ±11.2km
   DEPTH =  10.0km  (geophysicist)
 GREECE                              (364)
      MD 3.0 (ATH), 2.7 (THE).

AGG      0.91  23 ePg    13 52.73    4.3X
                  eSg    14 01.66
VLI      1.69 150 ePn    14 00.60   -0.1
IGT      1.80 319 ePb    14 03.26    0.9
                  eSb    14 20.01
LIT      1.98  14 ePb    14 04.98    0.1
                  eSb    14 24.14
KZN      2.12 358 ePn    14 06.10   -0.9
KEK      2.22 314 ePn    14 08.00   -0.4
FNA      2.63 352 ePn    14 14.50    0.3
                  eSn    14 40.37
OUR      2.70  37 ePn    14 18.26    3.0X
GRG      2.80   8 ePn    14 15.42   -1.3
                  eSn    14 46.10
SOH      2.87  23 ePn    14 18.94    1.2
                  eSn    14 47.85
KNT      3.08  15 ePn    14 20.73    0.2
                  eSn    14 54.26
      S.D. = 0.9  on   9 of  11 obs.
-----------------------------------------
?  FEB  13, 1992  10h 46m 41.54± 0.95s
   16.040 S ±42.4km  173.713 W ±30.2km
   DEPTH =  47.3km  (  6 depth phases)
   4.6mb (  6 obs.)
 TONGA ISLANDS                       (173)

DZM     19.68 249 iPc    51 17.10    7.2X
ASPA    49.63 252 iPc    55 30.00   -0.7
        0.6s     18.50nm          5.3mb
WARB    56.14 249 eP     56 18.00   -1.0
TNP     75.51  43 P      58 22.70   -0.4
        1.1s      9.11nm          4.6mb
                  pP     58 36.30  47km
RMW     78.41  33 P      58 38.00   -0.9
                  pP     58 52.60  51km
SLKM    78.59  12 P      58 40.20    0.7
MSU     79.09  45 P      58 43.40    0.4
                  pP     58 56.80  46km
PNT     80.71  32 eP     58 51.00   -0.1
ANMO    81.44  50 P      58 55.00   -0.5
        0.8s      3.36nm          4.4mb
                  pP     59 08.60  46km
LRM     82.70  38 eP     59 01.70   -0.2
BW06    82.95  42 P      59 02.70   -0.5
        0.6s      1.94nm          4.3mb
                  pP     59 16.20  46km
FBA     83.08  11 P      59 03.20    0.1
        0.7s     13.68nm          5.1mb
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13d 10h

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SES     85.90  35 eP     59 17.00  -0.6
                pP     59 31.00  48km
INK     88.96  14 eP     59 32.00   0.1
YKA     90.80  23 eP     59 39.40  -1.2
        0.9s      0.60nm          4.0mb
KSP    144.36 349 ePKPd 06 13.50  -0.5
CLL    144.41 353 ePKP  06 13.00  -1.1
SPC    145.03 344 ePKP  06 16.50   1.0
MOX    145.21 354 ePKP  06 15.80   0.3
PRU    145.48 351 PKP   06 17.40   1.4
                e      06 31.00
GRF    146.20 354 ePKPd 06 20.50   3.3X
                e      06 34.40
KHC    146.46 351 ePKP  06 20.50   2.8X
        1.0s      5.40nm
                e      06 34.00
ZST    146.72 347 e(PKP)06 20.20   2.2
GEC2   146.73 351 PKP   06 19.70   1.5
        0.6s      2.69nm
CDF    147.71 359 ePKP  06 23.40   3.6X
        0.9s      9.85nm
HAU    148.12 360 ePKP  06 24.40   4.0X
SSF    148.98   4 ePKP  06 26.70   5.0X
        0.7s      7.15nm
LBF    149.09   3 ePKP  06 26.70   4.8X
        0.7s      6.05nm
CEY    149.61 349 ePKP  06 28.50   5.7X
VBY    149.67 347 ePKP  06 27.50   4.7X
                e      06 42.70
LPL    150.61 359 ePKP  06 31.70   7.2X
        0.7s      3.85nm
LPO    151.12   8 ePKP  06 31.80   6.8X
        0.7s      4.15nm
OHR    152.04 336 ePKP  06 34.70   8.1X
     S.D. = 1.0  on  21 of  33 obs.
-----------------------------------------
   FEB  13, 1992  10h 49m 34.55± 0.38s
   42.563 S ± 4.0km  174.924 E ± 5.0km
   DEPTH =  73.7 ±  9.5 km
 OFF E. COAST OF S. ISLAND, N.Z.  (164)

CCW      0.97 327 Pc     49 52.60  -0.5
                S      50 04.10
KHZ      1.03 278 Pd     49 52.90  -1.0
                eS     50 05.80
MOW      1.17  12 Pc     49 55.70   0.1
BLW      1.26  19 Pc     49 57.10   0.2
WEL      1.28 355 Pc     49 57.10   0.0
                S      50 10.50
MRW      1.34 353 Pc     49 57.80  -0.1
                eS     50 11.30
AMW      1.40  27 Pd     49 59.00   0.3
TCW      1.43 340 Pc     49 58.80  -0.3
CAW      1.46   4 Pc     49 59.80   0.3
MTW      1.47  17 Pc     49 59.80   0.2
KIW      1.70 360 Pc     50 03.10   0.4
THZ      1.70 297 eP     50 02.30  -0.5
                eS     50 21.50
DIW      1.91 337 P      50 05.70   0.0
LTZ      1.97 263 Pd     50 06.50   0.0
                eS     50 27.70
MNG      1.99  12 Pc     50 07.10   0.4
                eS     50 27.60
MQZ      2.02 235 Pd     50 07.10   0.0
                eS     50 28.50
PGZ      2.19  28 P      50 09.20  -0.3
DSZ      2.46 288 eP     50 13.30   0.0
QRZ      2.49 313 Pc     50 13.40  -0.3
                eS     50 40.50
BSZ      2.76   0 eP     50 19.40   2.0X
WAHZ     3.06  21 eP     50 21.50  -0.1
EWZ      3.13 251 Pc     50 22.90   0.4
NRZ      3.31 347 Pc     50 26.40   1.4
RUZ      3.45   5 eP     50 28.00   1.0
                eS     51 03.30
WHH      3.86  19 eP     50 33.10   0.2
ODZ      3.97 230 P      50 34.80   0.5
                eS     51 15.40
PAHZ     4.04  24 eP     50 34.90  -0.4
MOZ      4.05 359 P      50 36.60   1.1
BWZ      4.16 240 P      50 37.50   0.6
PATZ     4.30  14 eP     50 39.00   0.0
UTU      4.49  13 eP     50 41.30  -0.3
TAZ      4.49  16 eP     50 40.40  -1.2
NOZ      4.60  32 eP     50 41.90  -1.2
URZ      4.61  22 eP     50 40.50  -2.8X
                eS     51 30.10
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MSCZ     4.72 236 eP     50 45.50   0.6
WLZ      4.74   6 eP     50 45.40   0.2
LRCZ     4.75 236 eP     50 45.50   0.1
LSCZ     4.76 236 P      50 45.40   0.0
SBCZ     4.78 236 eP     50 45.80   0.0
CMCZ     4.83 236 eP     50 46.50   0.0
                eS     51 37.00
TLC      4.98 236 Pc     50 48.50  -0.1
TUZ      5.09 226 P      50 50.40   0.4
                eS     51 42.50
MSZ      5.51 245 eP     50 54.50  -1.3
HBZ      5.59  29 eP     50 54.80  -2.2X
KUZ      5.84   6 eP     50 59.40  -1.0
BCZ      6.14 233 eP     51 03.90  -0.7
SIZ      6.48 226 eP     51 09.30   0.1
WCZ      6.63 356 eP     51 11.30  -0.1
     S.D. = 0.6  on  45 of  48 obs.
-----------------------------------------
*  FEB  13, 1992  10h 52m 42.09± 1.10s
   36.516 N ± 9.8km   28.710 E ± 7.9km
   DEPTH =  10.0km  (geophysicist)
 DODECANESE ISLANDS                (369)
      MD 3.8 (ATH).

ELL      0.99  76 iPn    53 01.00   0.0
CIN      1.19 335 iPd    53 03.00  -1.3
KHL      1.92  20 ePn    53 15.60   0.4
IZM      2.20 329 iPn    53 18.90  -0.4
NPS      2.81 244 ePn    53 27.00  -0.9
DST      3.09 359 ePn    53 32.00   0.2
PRK      3.34 325 ePn    53 37.00   1.6
EZN      3.80 331 ePn    53 42.00   0.1
BNT      3.88 351 ePn    53 44.00   0.9
VLI      4.65 274 ePn    53 55.00   1.0
OHR      7.69 309 eP     54 41.00   4.1X
MTUR     9.13 344 eP     55 08.00  11.2X
CVO      9.49 349 eP     55 00.00  -1.8
     S.D. = 1.2  on  11 of  13 obs.
-----------------------------------------
   FEB  13, 1992  11h 55m 06.84± 0.68s
   40.473 N ± 6.4km   21.865 E ± 6.0km
   DEPTH =  10.0km  (geophysicist)
 GREECE                            (364)
      MD 1.8 (THE).

FNA      0.48 310 ePg    55 16.37  -0.3
                eSg    55 23.64
LIT      0.61 128 ePg    55 17.96  -1.1
                eSg    55 28.48
GRG      0.63  40 ePg    55 19.39  -0.2
VAY      1.00  32 ePn    55 30.60   4.8X
OHR      1.03 309 ePn    55 17.00  -9.3X
KNT      1.04  48 ePg    55 26.44  -0.1
SOH      1.19  72 ePb    55 29.89   0.9
AGG      1.49 166 ePb    55 34.23   0.5
IGT      1.51 232 ePb    55 34.16   0.3
     S.D. = 0.8  on   7 of   9 obs.
-----------------------------------------
%  FEB  13, 1992  12h 02m 17.83± 0.79s
   43.103 N ± 9.1km    0.604 W ± 5.3km
   DEPTH =   5.0km  (geophysicist)
 PYRENEES                          (378)
      ML 1.0 (STR).

ESCF     0.03 139 Pg     02 19.16   0.0
                Sg     02 20.08
ATE      0.07 256 Pg     02 19.52  -0.1
                Sg     02 20.73
OGE      0.12  56 Pg     02 20.27   0.0
ISSF     0.16 242 Pg     02 21.21   0.0
                Sg     02 24.65
MADF     0.16 285 Pg     02 21.34   0.1
                Sg     02 24.24
     S.D. = 0.1  on   5 of   5 obs.
-----------------------------------------
*  FEB  13, 1992  12h 15m 09.60± 0.47s
   38.392 N ±11.2km   75.357 E ±12.7km
   DEPTH =  33.0km  (normol)
   4.3mb (  4 obs.)
 SOUTHERN XINJIANG, CHINA          (321)

GKN     12.94 140 P      18 14.40   0.4
KKN     13.44 139 P      18 21.20   0.5
DMN     13.50 140 P      18 21.60   0.1
GUN     13.66 137 P      18 23.20  -0.5
PKI     13.69 139 P      18 24.20   0.2
HFS     43.77 320 eP     23 15.10   1.7
```

```
        0.5s      2.90nm          4.3mb
NB2     45.00 322 P      23 24.60   1.2
        0.6s      2.80nm          4.3mb
BCAO    61.56 252 iPc    25 25.50  -0.6
MBC     65.26   4 eP     25 49.50  -0.1
        0.6s      2.00nm          4.4mb
INK     71.44  11 eP     26 27.00  -1.1
KIC     78.32 269 P      27 07.80  -0.6
LIC     78.63 269 P      27 09.60  -0.5
YKA     79.14   5 eP     27 11.10  -0.9
        0.6s      1.10nm          4.0mb
     S.D. = 0.9  on  13 of  13 obs.
-----------------------------------------
   FEB  13, 1992  12h 36m 59.95± 0.60s
   41.613 N ± 5.7km   22.284 E ± 4.8km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION        (383)
      MD 2.2 (THE). ML 2.1 (SKO).

VAY      0.36 144 iPg    37 07.00  -0.4
                iSg    37 12.80
KNT      0.65 134 ePg    37 12.17  -0.7
                eSg    37 21.03
GRG      0.66 172 ePg    37 12.87  -0.3
                eSg    37 23.23
SKO      0.73 300 ePg    37 12.60  -1.6
FNA      1.08 220 ePg    37 21.23   1.0
                eSg    37 36.76
MMB      1.08  91 iPd    37 19.00  -1.4
SRS      1.10 116 ePg    37 20.51  -0.2
                eSg    37 32.51
SOH      1.13 134 ePg    37 20.55  -0.6
                eSg    37 34.23
VTS      1.20  35 iP     37 22.00  -0.3
OHR      1.23 246 ePn    37 23.50   0.7
PGB      1.69  56 iPc    37 31.00   1.4
OUR      1.81 134 ePb    37 31.80   0.4
RZN      1.82  87 ePd    37 32.00   0.2
KDZ      2.35  88 eP     37 41.00   1.8
     S.D. = 1.1  on  14 of  14 obs.
-----------------------------------------
?  FEB  13, 1992  12h 54m 19.73± 1.40s
   51.518 N ± 9.7km   16.278 E ±15.7km
   DEPTH =  10.0km  (geophysicist)
   3.7mb (  1 obs.)
 POLAND                            (548)

KSP      0.6B 179 iPd    54 33.20   0.0
        0.3s   104.00nm
                iS     54 41.80
                iLR    54 47.00
BRG      1.60 247 iPn    54 48.30   0.2
                iPg    54 49.20
                iSg    55 08.10
PRU      1.89 216 Pn     54 52.60   0.3
        0.4s    22.60nm
                Pg     54 54.10
                e      54 58.00
                Sn     55 10.50
                Sg     55 17.50
CLL      2.06 265 i(Pn)  54 50.50  -4.3X
                iPg    54 53.90
                eSg    55 23.00
KRA      2.75 121 eP     55 15.50  10.9X
                eS     55 51.00
KHC      2.95 217 Pg     55 13.20   5.7X
                e      55 32.50
                e      55 41.70
                Sg     55 58.10
HOF      3.03 248 iPnc   55 16.50   7.8X
MOX      3.07 255 ePg    55 17.00   7.9X
                iSg    55 56.00
WET      3.22 224 iPnc   55 11.20  -0.2
VKA      3.26 180 iPnd   55 21.30   9.4X
                i      55 55.20
                i      56 07.00
ZST      3.37 171 eP     55 25.00  11.6X
                e      56 08.20
                e      21 10.20
SPC      3.45 131 eP     55 25.80  11.1X
KBA      4.84 204 i(Pn)  55 42.60   8.1X
                i(Sn)  56 37.50
OGA      5.79 219 eP     55 47.50  -0.4
YKA     59.89 336 eP     04 27.50   0.0
        0.6s      0.40nm          3.7mb
     S.D. = 0.3  on   6 of  15 obs.
-----------------------------------------
```

* FEB 13, 1992 13h 12m 24.05± 0.52s
27.872 S ±10.6km 74.101 E ± 9.4km
DEPTH = 10.0km (geophysicist)
5.1mb (14 obs.) 4.6Msz (3 obs.)
MID-INDIAN RIDGE (429)

BLF 41.90 257 eP 20 16.00 -0.5
FRS 42.53 255 eP 20 09.40 -12.1X
1.0s 20.00nm
HYB 45.23 6 ePd 20 44.00 0.6
CER 47.04 249 eP 20 50.00 -7.6X
1.0s 40.00nm 5.5mb
CHG 52.27 30 ePd 21 38.00 0.1
1.6s 46.67nm 5.2mb
ASPA 53.56 100 iPd 21 47.50 -0.1
1.5s 28.10nm 5.0mb
Z 21s 0.50um 4.5Msz
SHL 55.82 19 iPd 22 03.60 -0.4
DMN 56.17 12 P 22 06.60 0.0
PKI 56.18 12 P 22 06.20 -0.6
KKN 56.37 12 P 22 07.60 -0.5
GKN 56.47 11 P 22 08.40 -0.3
1.2s 39.00nm 5.3mb
GUN 56.60 12 P 22 08.80 -1.1
1.2s 65.00nm 5.5mb
STK 57.81 112 eP 22 38.10 20.1X
1.2s 3.40nm
QUE 58.14 353 eP 22 20.90 0.5
KMI 59.47 30 Pd 22 31.50 1.6
1.5s 60.00nm 5.5mb
QIS 59.58 99 iPd 22 30.10 -0.5
0.4s 3.00nm 4.8mb
BCAO 62.39 292 iPc 22 50.50 0.8
0.9s 18.00nm 5.3mb
GYA 62.43 33 P 22 50.00 0.2
1.0s 12.00nm 5.0mb
CD2 64.94 28 eP 23 05.20 -0.9
ARMA 66.46 113 iPc 23 17.20 1.1
1.0s 12.00nm 5.0mb
LZH 69.52 25 eP 23 35.00 -0.1
2.0s 35.00nm 5.2mb
pP 23 42.50 24kmX
GTA 71.10 21 eP 23 44.60 0.0
1.6s 27.00nm 5.1mb
WMQ 72.42 10 P 23 52.00 -0.3
2.0s 25.00nm 5.0mb
SSE 73.85 41 P 24 01.50 0.7
1.0s 9.00nm 4.8mb
Z 20s 0.50um 4.8Msz
TIY 74.49 31 eP 24 04.50 0.0
Z 24s 0.69um 4.9MszX
TIA 75.53 35 Pd 24 10.30 -0.1
BTO 75.85 27 eP 24 11.80 -0.5
HHC 76.70 28 eP 24 18.40 1.3
BJI 78.08 32 eP 24 24.00 -0.5
Z 20s 0.30um 4.6Msz
VAY 83.75 324 eP 24 54.30 -0.2
VRI 85.06 329 ePc 25 02.50 1.6
INK 136.33 14 ePKP 31 47.00 0.2
YKA 144.90 7 ePKP 32 00.10 -2.2
1.1s 5.90nm
FFC 153.02 355 ePKP 32 22.50 7.4X
1.3s 25.00nm
S.D. = 0.8 on 30 of 34 obs.

? FEB 13, 1992 14h 37m 34.67± 3.80s
38.556 N ±25.3km 26.719 E ±27.2km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

IZM 0.45 110 ePg 37 44.00 0.1
eSg 37 50.50
EZN 1.30 347 ePn 37 58.70 -0.1
DST 1.82 54 ePn 38 05.80 -0.5
KCT 2.11 36 ePn 38 11.00 0.5
S.D. = 0.7 on 4 of 4 obs.

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* FEB 13, 1992 14h 39m 25.64± 1.32s
42.755 N ±10.4km 23.120 E ±16.8km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)
MD 2.6 (THE).

VAY 1.49 196 ePn 39 52.60 0.2
KNT 1.60 186 ePb 39 55.62 1.6
eSb 40 18.46
SRS 1.67 168 ePb 39 56.26 1.1
eSb 40 21.10
GRG 1.88 197 ePb 39 57.57 -0.5
SOH 1.94 175 ePb 39 58.85 -0.2
eSb 40 25.30
THE 2.12 183 ePb 40 00.66 -1.0
OUR 2.50 165 ePn 40 05.66 -1.4
eSn 40 40.98
ALN 2.87 129 ePn 40 12.42 0.2
MLR 3.41 36 eP 40 20.00 0.0
S.D. = 1.1 on 9 of 9 obs.

? FEB 13, 1992 15h 31m 17.42± 7.41s
40.943 N ±29.0km 24.297 E ±54.7km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
MD 2.1 (THE).

SRS 0.56 288 ePg 31 27.76 -1.1
eSg 31 37.92
OUR 0.65 202 ePg 31 30.16 -0.3
eSg 31 40.51
SOH 0.73 261 ePg 31 31.76 0.0
eSg 31 42.92
KNT 1.08 282 ePg 31 38.03 0.3
eSg 31 54.07
GRG 1.44 271 ePb 31 44.48 1.0
S.D. = 1.0 on 5 of 5 obs.

? FEB 13, 1992 15h 36m 40.52± 4.66s
38.452 N ±40.8km 21.700 E ±10.6km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 2.6 (THE).

AGG 0.75 41 ePg 36 54.50 -0.8
eSg 37 05.83
IGT 1.52 316 ePb 37 07.23 -0.5
eSb 37 28.55
LIT 1.76 20 ePb 37 11.32 0.1
eSb 37 33.80
PAIG 2.13 46 ePn 37 17.23 0.7
FNA 2.34 354 ePn 37 20.96 1.3
eSn 37 50.00
THE 2.39 24 ePn 37 21.03 0.8
GRG 2.56 12 ePn 37 23.80 1.1
OUR 2.58 43 ePn 37 23.07 0.1
SOH 2.69 28 ePn 37 24.55 -0.1
eSn 37 58.64
OHR 2.74 346 ePn 37 29.00 3.6X
KNT 2.86 18 ePn 37 27.12 0.1
eSn 38 04.07
VAY 2.94 13 ePn 37 25.70 -2.4
SRS 3.03 28 ePn 37 29.12 -0.3
eSn 38 06.07
S.D. = 1.1 on 12 of 13 obs.

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* FEB 13, 1992 15h 45m 41.97± 0.97s
43.442 N ±21.9km 150.407 E ±13.4km
DEPTH = 33.0km (normal)
4.7mb (12 obs.)
EAST OF KURIL ISLANDS (222)

MAT 11.61 238 eP 48 27.00 -1.4
eS 50 36.00
BJI 25.66 274 eP 51 11.00 0.8
LZH 36.15 274 eP 52 44.00 0.8
1.4s 25.00nm 4.9mb
pP 52 52.00 27kmX
i 53 02.50
TTA 36.19 39 eP 52 43.50 0.4
SVW 36.20 42 eP 52 44.30 1.2
IMA 37.62 34 eP 52 55.20 0.1
0.8s 7.30nm 4.6mb
BRW 37.77 25 eP 52 56.70 0.6
PMS 39.13 42 eP 53 07.50 -0.3
0.7s 7.60nm 4.6mb
FBA 39.96 36 eP 53 15.00 0.6
0.7s 4.70nm 4.4mb
TOA 40.72 40 eP 53 22.10 1.3
INK 45.47 30 eP 53 58.50 -0.7
MBC 48.35 19 eP 54 24.00 2.2
CHTO 49.50 257 P 54 32.80 1.5
GUN 53.40 276 P 55 01.40 0.3
0.8s 15.00nm 5.0mb
KKN 53.90 276 P 55 04.80 0.2
PKI 53.93 276 P 55 05.40 0.4
DMN 54.13 276 P 55 06.60 0.3
GKN 54.24 276 P 55 07.20 0.1
YKA 54.73 35 eP 55 08.20 -1.8
0.8s 2.90nm 4.4mb
FFC 64.52 38 eP 56 16.00 -1.4
0.7s 8.00nm 4.9mb
LRM 64.76 50 eP 56 19.20 -0.3
KAF 65.63 335 iP 56 23.00 -1.4
0.5s 2.40nm 4.5mb
NB2 70.72 340 P 56 55.00 -1.2
0.6s 3.10nm 4.5mb
HFS 70.86 339 eP 56 55.50 -1.6
0.4s 3.60nm 4.8mb
KSP 77.97 332 eP 57 38.30 0.2
CLL 78.65 334 eP 57 42.00 0.2
KHC 80.35 333 Pc 57 54.60 3.5X
GEC2 80.55 333 P 57 49.90 -2.3
0.8s 1.49nm 4.0mb
GRF 80.62 335 e(P) 57 53.00 0.5
KBA 82.20 332 iPc 58 01.70 0.7
0.7s 8.10nm 4.9mb
i 58 06.00
S.D. = 1.1 on 29 of 30 obs.

? FEB 13, 1992 16h 58m 05.85± 3.24s
13.712 N ±49.9km 90.210 W ±38.6km
DEPTH = 91.0 ± 12.9 km
3.8mb (1 obs.)
NEAR COAST OF GUATEMALA (71)
Felt (II) at San Salvador, El Salvador.

CUSS 0.32 52 eP 58 20.00 0.2
YPE 0.66 52 eP 58 22.00 -0.5
SJAS 1.01 92 iPc 58 26.10 -0.1
LFU 1.07 88 eP 58 27.80 1.1
QZA 1.19 99 iPd 58 27.50 -0.7
TPX 2.32 301 (P) 59 03.50 20.6X
YKA 51.72 346 eP 07 05.60 0.1
0.7s 0.70nm 3.8mb
INK 61.21 343 eP 08 13.00 0.0
S.D. = 0.8 on 7 of 8 obs.

? FEB 13, 1992 17h 24m 25.14± 7.09s
37.252 S ±45.6km 177.597 E ±25.3km
DEPTH = 230.7 ± 52.0 km
OFF E. COAST OF N. ISLAND, N.Z. (160)

HBZ 0.66 122 P 24 56.20 -0.3
URZ 1.08 201 P 24 57.50 -1.3
S 25 16.40
NOZ 1.41 166 P 25 02.20 1.1
MOZ 2.54 240 P 25 12.90 1.1
PGZ 3.52 197 eP 25 23.50 0.7
MNG 3.74 205 P 25 25.40 -0.1
eS 26 08.20
KIW 4.17 209 P 25 30.50 -0.1
MTW 4.23 202 P 25 31.20 -0.1
AMW 4.30 199 P 25 32.70 0.6
CAW 4.32 206 P 25 32.30 -0.2
MOW 4.54 203 P 25 34.90 -0.3
MRW 4.57 209 P 25 35.00 -0.4
TCW 4.72 212 eP 25 36.80 -0.6
S.D. = 0.8 on 13 of 13 obs.

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* FEB 13, 1992 17h 28m 21.93± 0.93s
24.351 S ± 8.0km 67.025 W ±10.7km
DEPTH = 167.7 ± 14.5 km
4.1mb (2 obs.)
CHILE-ARGENTINA BORDER REGION (127)

ANT 3.17 281 iPc 29 12.20 -0.4
iS 29 46.00
RTCB 7.28 192 iPd 30 08.50 1.7
S 31 30.20
CFA 7.31 188 ePd 30 08.00 0.9
(S) 31 28.00
RTBS 7.59 196 iPc 30 12.00 1.2
S 31 37.00
LPB 7.84 352 iPc 30 14.90 0.3
S 31 41.00
MDZ 8.65 190 i(P) 30 27.80 2.9X
ARE 8.90 331 iP 30 24.20 -4.2X
iS 31 57.20
PEL 9.33 199 eP 30 32.00 -1.8
iS 32 14.50
PCH 9.73 197 eP 30 39.70 0.6
eS 32 25.50

13d 17h

```
TACH     9.88 199 eP     30 38.50  -2.5
LNV     10.31 201 eP     30 43.00  -3.6X
PPD     14.63  84 eP     31 42.20   0.0
                  e      31 45.90
BAO     19.86  68 Pc     32 41.00  -1.2
                  e      33 06.50
BMA     21.03  90 eP     32 54.20   0.4
ANMO    69.82 326 ePc    39 16.80   0.5
        1.0s     4.25nm          4.2mb
MSU     75.50 325 eP     39 50.45   0.9
YKA     94.44 340 eP     41 22.80  -0.6
        0.6s     0.70nm          4.1mb
      S.D. = 1.4  on  14 of  17 obs.
-----------------------------------------
%  FEB  13, 1992  18h 18m 42.46± 2.39s
   38.775 N ± 7.6km   15.033 E ±23.1km
   DEPTH =  10.0km  (geophysicist)
 SICILY                              (398)

ATN      0.70 151 P      18 56.30   0.0
                  eSg    19 03.60
CZI      0.96  62 P      18 59.80  -1.0
SOI      1.07 131 P      19 02.50   0.0
                  eSg    19 14.20
TDS      1.34  49 P      19 08.80   1.6
MGR      1.42  16 P      19 07.80  -0.5
ROI      1.43  56 P      19 08.30  -0.2
      S.D. = 1.1  on   6 of   6 obs.
-----------------------------------------
%  FEB  13, 1992  18h 30m 02.74± 2.41s
   41.671 N ±27.1km   13.816 E ±12.5km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN ITALY                      (390)

SDI      0.03 360 Pc     30 04.60  -0.2
                  eSg    30 08.10
AZI      0.43 318 P      30 11.30  -0.1
                  eSg    30 19.20
DUI      0.48  91 P      30 12.50   0.0
                  eSg    30 17.70
MNS      1.11 310 P      30 23.50   0.0
                  eSg    30 41.00
ASS      1.64 329 P      30 32.00   0.2
      S.D. = 0.3  on   5 of   5 obs.
-----------------------------------------
   FEB  13, 1992  18h 36m 05.64± 0.72s
   41.052 N ± 6.2km   22.480 E ± 5.7km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION          (383)
      MD 1.8 (THE).

GRG      0.11 212 ePg    36 08.74   0.2
                  eSg    36 10.96
VAY      0.28  14 iPg    36 11.20  -0.3
                  iSg    36 14.70
KNT      0.33  71 ePg    36 12.71   0.1
                  eSg    36 17.43
THE      0.56 139 ePg    36 15.75  -1.2
                  eSg    36 23.88
SOH      0.70 109 ePg    36 19.15  -0.4
                  eSg    36 28.28
SRS      0.84  85 ePg    36 21.67  -0.3
                  eSg    36 33.03
FNA      0.88 253 ePg    36 22.60   0.0
LIT      0.95 180 ePg    36 23.56  -0.2
                  eSg    36 38.00
OUR      1.35 122 ePb    36 32.28   1.9
      S.D. = 0.9  on   9 of   9 obs.
-----------------------------------------
   FEB  13, 1992  18h 36m 41.10± 0.60s
   41.061 N ± 5.2km   22.515 E ± 4.8km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION          (383)
      MD 1.8 (THE).

GRG      0.14 219 ePg    36 44.02  -0.3
                  eSg    36 46.24
VAY      0.26   9 iPg    36 46.30  -0.4
                  iSg    36 50.00
KNT      0.31  71 ePg    36 47.93   0.4
                  eSg    36 52.64
THE      0.55 141 ePg    36 51.88  -0.3
                  eSg    36 59.20
SOH      0.68 110 ePg    36 54.47  -0.1
                  eSg    37 04.07
SRS      0.82  86 ePg    36 57.00   0.1
                  eSg    37 08.20
FNA      0.91 253 ePg    36 58.84   0.3
LIT      0.96 181 ePg    36 59.60   0.2
                  eSg    37 13.39
      S.D. = 0.4  on   8 of   8 obs.
-----------------------------------------
?  FEB  13, 1992  18h 41m 27.66± 1.08s
   40.699 N ±11.1km   29.024 E ±10.2km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                              (366)

YLV      0.30 116 iPg    41 34.50   0.6
IZI      0.50 136 iPg    41 37.00  -0.8
                  iSg    41 44.00
CTT      0.64 315 iPg    41 40.30  -0.1
                  eSg    41 50.00
DST      1.13 196 ePn    41 49.20   0.3
      S.D. = 1.0  on   4 of   4 obs.
-----------------------------------------
%  FEB  13, 1992  18h 44m 45.76± 0.73s
   40.462 N ± 5.3km   22.731 E ± 6.2km
   DEPTH =   5.0km  (geophysicist)
 GREECE                              (364)
      MD 1.6 (THE).

THE      0.25  46 ePg    44 51.03   0.3
                  eSg    44 54.56
LIT      0.41 207 ePg    44 53.92   0.0
                  eSg    45 00.56
GRG      0.55 333 ePg    44 57.03   0.2
                  eSg    45 05.11
SOH      0.59  53 ePg    44 57.67   0.0
                  eSg    45 05.71
KNT      0.71  10 ePg    44 59.43  -0.5
                  eSg    45 09.11
SRS      0.93  45 ePg    45 04.20   0.3
                  eSg    45 16.07
OUR      0.96  97 ePg    45 04.32  -0.2
                  eSg    45 18.28
      S.D. = 0.4  on   7 of   7 obs.
-----------------------------------------
?  FEB  13, 1992  18h 55m 35.47± 1.33s
   18.123 N ±12.9km  100.794 W ±17.0km
   DEPTH =  86.8 ± 15.8 km
   3.4mb (  1 obs.)
 GUERRERO, MEXICO                    ( 59)

III      1.29  79 iP     55 58.50  -0.4
                  iS     56 17.50
ACX      1.53 144 eP     56 02.00   0.1
                  iS     56 20.00
MRX      1.62 347 iP     56 03.00   0.0
                  iS     56 23.00
PPM      2.26  65 iP     56 12.50   0.4
                  (S)    56 43.00
IISM     3.35  75 (P)    56 31.50   4.8X
YKA     45.36 351 eP     03 46.40  -0.1
        0.5s     0.30nm          3.4mb
      S.D. = 0.6  on   5 of   6 obs.
-----------------------------------------
%  FEB  13, 1992  19h 53m 30.83± 2.13s
   37.759 N ±21.8km   15.230 E ± 7.6km
   DEPTH =  10.0km  (geophysicist)
 SICILY                              (398)

ATN      0.44  25 P      53 40.00   0.2
                  eSg    53 48.50
MNO      0.46 292 P      53 40.80   0.6
                  eSg    53 47.90
SOI      0.72  64 P      53 45.40   0.4
                  eSg    53 56.10
GIB      0.98 284 P      53 49.00  -0.5
                  eSn    54 04.00
CZI      1.62  26 P      53 58.80  -0.7
      S.D. = 0.8  on   5 of   5 obs.
-----------------------------------------
   FEB  13, 1992  20h 17m 01.32± 0.67s
   39.692 N ± 6.1km   21.632 E ± 5.4km
   DEPTH =  10.0km  (geophysicist)
 GREECE                              (364)
      MD 2.4 (THE).

LIT      0.78  58 ePg    17 15.64  -0.8
                  eSg    17 27.84
AGG      0.86 141 ePg    17 18.28   0.4
                  eSg    17 32.52
IGT      1.02 261 ePg    17 20.20  -0.4
                  eSg    17 35.39
FNA      1.11 350 ePg    17 21.47  -0.7
                  eSg    17 38.39
THE      1.39  47 ePb    17 27.15   0.5
                  eSb    17 45.67
GRG      1.39  25 ePb    17 26.39  -0.4
                  eSb    17 45.15
OHR      1.55 336 ePn    17 30.00   0.9
PAIG     1.59  81 ePb    17 28.92  -0.7
SOH      1.73  49 ePb    17 32.00   0.3
                  eSb    17 53.50
KNT      1.76  33 ePb    17 31.70  -0.3
                  eSb    17 53.39
VAY      1.78  23 ePn    17 32.20  -0.1
OUR      1.92  70 ePb    17 33.88  -0.4
                  eSb    18 00.24
SRS      2.07  46 ePn    17 38.15   1.7
      S.D. = 0.8  on  13 of  13 obs.
-----------------------------------------
%  FEB  13, 1992  20h 41m 24.56± 0.54s
   42.359 N ± 4.9km   18.983 E ± 4.2km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION          (383)
      ML 1.2 (TTG).

BDV      0.14 237 iPgc   41 27.80   0.0
                  iSg    41 30.08
TTG      0.22  71 iPgd   41 29.08  -0.2
                  iSg    41 32.89
HCY      0.37 284 iPgc   41 32.30   0.1
                  iSg    41 37.99
ULC      0.44 153 iPgd   41 33.55   0.0
                  iSg    41 39.73
NKY      0.45   1 iPgd   41 33.94   0.1
                  iSg    41 40.85
BRY      0.63 329 iPgc   41 37.08  -0.3
                  iSg    41 46.69
PVY      0.77  72 iPgc   41 39.87   0.2
                  iSg    41 51.08
IVA      0.85  52 iPgc   41 40.99   0.0
                  iSg    41 53.68
      S.D. = 0.2  on   8 of   8 obs.
-----------------------------------------
?  FEB  13, 1992  20h 58m 50.52± 8.14s
   9.350 N ±165.km   84.576 W ±70.3km
   DEPTH =  33.0km  (normal)
   4.2mb (  3 obs.)
 COSTA RICA                          ( 78)
      MD 4.4 (SJR). Felt (IV) in the
      Central Volley.

ECO      4.82  89 iPd    00 02.50  -0.2
UPA      4.99  94 iPd    00 05.00  -0.1
YKA     57.34 344 eP     08 37.00  -0.5
        0.8s     1.00nm          3.9mb
INK     66.99 342 eP     09 41.00  -0.9
MBC     69.47 352 eP     09 58.00   0.8
NB2     84.69  29 P      11 23.20   1.0
        1.2s    11.40nm          4.9mb
GEC2    88.44  41 PKP    11 40.90   0.0
        1.2s     1.30nm          4.1mb
      S.D. = 0.8  on   7 of   7 obs.
-----------------------------------------
   FEB  13, 1992  21h 57m 13.00± 0.89s
   40.854 N ± 8.9km   21.178 E ± 7.1km
   DEPTH =  10.0km  (geophysicist)
 GREECE                              (364)
      MD 2.2 (THE).

FNA      0.17 115 ePg    57 15.78  -1.1
                  eSg    57 18.75
OHR      0.39 312 iPg    57 20.10  -0.8
                  iSg    57 27.60
GRG      0.93  83 ePg    57 29.64  -1.2
                  eSg    57 43.84
VAY      1.15  66 ePn    57 35.00   0.5
LIT      1.25 127 ePb    57 34.20  -2.1
                  eSb    57 52.32
KNT      1.34  76 ePb    57 37.03  -0.6
                  eSb    57 56.20
IGT      1.47 206 ePb    57 40.07   0.5
                  eSb    57 58.92
SOH      1.65  90 ePb    57 42.52   0.3
SRS      1.85  81 ePb    57 47.07   2.1
AGG      2.03 154 ePb    57 48.64   0.9
                  eSb    58 09.00
OUR      2.20 103 ePn    57 51.39   1.4
      S.D. = 1.4  on  11 of  11 obs.
```

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-----------------------------------------
%  FEB  13, 1992  22h 10m 42.36± 2.23s
   61.817 N ± 9.7km     4.756 E ±17.7km
   DEPTH =   5.0km  (geophysicist)
 SOUTHERN NORWAY                    (535)
      MD 1.9 (BER).

FRO      0.08 135 iPc    10 44.29    0.0
                  eSg    10 45.56
FOO      0.26 148 iPc    10 47.21   -0.4
                  eSg    10 51.39
SUE      0.76 180 eP     10 57.70    0.1
                  eSg    11 09.00
HYA      0.95 133 eP     11 01.50    0.7
                  eSg    11 15.00
MOL      1.51  59 iPc    11 10.19    0.1
                  eSg    11 30.35
NRA0     3.45 105 Pn     11 37.36   -0.5
                  Pg     11 45.43
                  Lg     12 29.46
      S.D. = 0.5  on   6 of   6 obs.
-----------------------------------------
   FEB  13, 1992  22h 16m 27.90± 1.35s
   40.764 N ±11.1km    21.131 E ± 9.7km
   DEPTH =  10.0km  (geophysicist)
 GREECE                             (364)
      MD 2.1 (THE).

FNA      0.19  84 ePg    16 31.96   -0.1
                  eSg    16 35.34
OHR      0.43 324 iPg    16 36.50   -0.2
                  iSg    16 44.00
                  Lg     16 45.50
GRG      0.98  78 ePg    16 46.14   -0.4
                  eSg    17 00.14
SKO      1.23  11 ePg    16 51.00    0.2
                  iSg    17 08.50
LIT      1.23 122 ePb    16 50.82    0.0
                  eSb    17 08.46
KNT      1.40  73 ePb    16 53.38    0.0
                  eSb    17 11.74
THE      1.40  95 ePb    16 53.21   -0.2
                  eSb    17 14.78
SOH      1.69  87 ePb    16 58.38    0.7
                  eSb    17 19.89
      S.D. = 0.4  on   8 of   8 obs.
-----------------------------------------
*  FEB  13, 1992  22h 37m 33.98± 2.42s
   45.336 N ±21.0km    14.413 E ± 7.9km
   DEPTH =   5.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION         (383)
      MD 2.6 (LJU), 2.1 (TRI). Felt ot
      Rijeko, Crootio.

RIY      0.02 292 iPgc   37 34.30   -0.8
                  iSg    37 36.10
TRI      0.59 309 ePg    37 45.10   -0.7
                  iSg    37 55.10
LJU      0.71   7 eP     37 48.00   -0.2
                  eSg    38 00.00
VOY      0.78 333 e(Pg)  37 53.50    3.7X
                  eSg    38 02.90
PTJ      1.22  62 e(Pn)  37 57.10   -0.1
FVI      1.70 318 P      38 05.70    1.4
                  eSn    38 30.90
      S.D. = 1.2  on   5 of   6 obs.
-----------------------------------------
   FEB  13, 1992  22h 43m 34.18± 0.42s
   32.637 N ± 7.4km    76.514 E ± 6.7km
   DEPTH =  33.0km  (normol)
   4.6mb ( 10 obs.)
 KASHMIR-INDIA BORDER REGION        (303)

NDI      3.99 171 iPn    44 37.00    2.5
                  eSn    45 37.20
GKN      8.40 121 P      45 36.60   -0.1
QUE      8.53 256 eP     45 39.00    0.4
DMN      8.97 122 P      45 43.40   -1.3
KKN      8.99 120 P      45 44.00   -0.9
PKI      9.21 121 P      45 46.40   -1.6
POO     14.25 190 eP     46 54.50   -1.2
                  iS     49 54.30
SHL     15.16 114 eP     47 09.00    1.3
HYB     15.27 173 eP     47 04.50   -4.5X
                  eS     50 06.50
LZH     22.79  74 eP     48 36.50    1.3
         1.0s     26.00nm          4.7mb
                  sP     48 46.50
CHG     24.38 119 eP     48 51.50    0.9
KAF     43.31 328 iP     51 34.60    0.3
         0.4s      3.10nm          4.4mb
NUR     43.59 326 eP     51 37.10    0.6
         0.5s      7.60nm          4.7mb
GEC2    48.88 309 PKP    52 17.80   -0.9
         0.7s      0.38nm          3.6mb X
HFS     48.88 324 eP     52 18.50    0.1
         0.4s      3.20nm          4.7mb
NB2     50.17 325 P      52 27.80   -0.6
         0.6s      4.40nm          4.7mb
LPL     54.08 305 eP     53 08.00   10.0X
         0.7s      6.60nm          4.8mb
BCAO    60.84 255 ePd    53 45.10   -0.8
         0.3s      5.00nm          5.1mb
MBC     70.92   4 eP     54 49.50    0.0
         0.7s      4.00nm          4.6mb
FBA     76.B3  18 P      55 24.80    0.8
         0.8s      3.45nm          4.4mb
INK     76.90  11 eP     55 24.00   -0.3
YKA     B4.78   5 eP     56 05.40   -0.6
         0.6s      2.00nm          4.5mb
      S.D. = 1.1  on  20 of  22 obs.
-----------------------------------------
   FEB  13, 1992  23h 16m 06.08± 0.53s
   40.298 S ± 4.5km   173.058 E ± 5.6km
   DEPTH =  33.0km  (normol)
 COOK STRAIT, NEW ZEALAND           (163)

QRZ      0.66 217 P      16 19.60    0.6
                  eS     16 28.80
DIW      0.83 128 P      16 19.00   -2.3
NRZ      1.17  35 eP     16 27.40    1.2
TCW      1.30 135 P      16 27.00   -1.0
THZ      1.47 185 P      16 31.50    0.9
                  S      16 51.20
KIW      1.52 112 P      16 31.00   -0.3
BSZ      1.52  71 P      16 31.60    0.3
MRW      1.56 127 P      16 31.80    0.0
                  S      16 50.90
CCW      1.70 149 P      16 34.60    0.8
CAW      1.73 119 P      16 34.40    0.1
DSZ      1.73 213 P      16 35.30    1.0
MNG      1.88 101 P      16 36.40   -0.1
                  eS     16 59.10
MOW      2.01 125 P      16 39.30    1.0
MTW      2.05 116 P      16 38.30   -0.6
RUZ      2.11  57 P      16 39.80    0.0
KHZ      2.15 170 P      16 41.50    1.2
MOZ      2.24  38 Pd     16 41.30   -0.3
PGZ      2.47  98 P      16 46.70    1.8
LTZ      2.55 193 P      16 46.80    0.7
                  eS     17 17.60
WAHZ     2.60  78 P      16 47.30    0.5
WLZ      3.15  40 P      16 53.70   -0.7
MQZ      3.42 185 P      16 56.80   -1.5
EWZ      3.61 206 P      17 01.70    0.7
KUZ      4.11  31 P      17 07.10   -1.1
WCZ      4.47  14 P      17 13.40    0.2
BWZ      4.84 208 P      17 16.90   -1.5
ODZ      5.07 200 P      17 20.20   -1.5
      S.D. = 1.1  on  27 of  27 obs.
-----------------------------------------
   FEB  13, 1992  23h 58m 57.52± 0.44s
   38.394 N ± 4.1km    31.147 E ± 3.6km
   DEPTH =   9.1 ±  1.9 km
   3.6mb (  1 obs.)
 TURKEY                             (366)
      ML 4.0 (CSS). Felt in the Lake
      Hoyran orea.

ALT      1.05 309 iPg    59 17.40    0.0
KHL      1.28 267 iPg    59 20.70   -0.7
                  eSg    59 35.70
BBTK     1.91  40 eP     59 30.80    0.1
ELL      1.92 211 iPn    59 31.00    0.3
GPA      2.00 341 iPn    59 33.30    1.4
EYL      2.30 341 iPn    59 37.30    1.0
DST      2.31 302 iPn    59 36.00   -0.3
IZI      2.33 327 iPn    59 36.80    0.1
CIN      2.54 253 ePn    59 36.00   -3.6X
YLV      2.57 328 iPn    59 40.30    0.3
HRT      2.68 335 iPn    59 41.80    0.2
GBZT     2.73 332 ePn    59 42.50    0.2
KCT      2.85 311 ePn    59 43.80   -0.2
IZM      3.05 271 iPn    59 45.70   -1.2
ISK      3.12 330 iPn    59 47.80    0.1
ITU      3.17 329 ePn    59 48.00   -0.4
                  iSg    00 45.00
BNT      3.18 309 iPn    59 48.80    0.2
EDC      3.21 308 ePn    59 49.00    0.0
CTT      3.46 324 ePn    59 52.80    0.2
ADAT     3.59 110 eP     59 55.50    1.0
KAS      3.59  33 eP     59 54.00   -0.6
PPCY     3.63 164 eP     59 55.60    0.5
                  eS     00 40.60
PPCY     3.63 164 eP     59 59.50    4.4X
                  eS     00 47.50
EZN      4.01 292 iPn    00 00.10   -0.4
DMK      4.30 324 iPn    00 04.50    0.0
KVT      4.63  53 ePn    00 07.00   -2.3
ALN      4.66 304 eP     00 09.66   -0.1
JMB      5.35 321 iPd    00 09.00  -10.5X
KDZ      5.47 308 iP     00 21.00   -0.2
DIM      5.64 312 eP     00 23.00   -0.5
OUR      5.88 291 eP     00 26.38   -0.5
RZN      5.93 306 iPd    00 28.00    0.2
PAIG     6.00 287 eP     00 29.98    1.4
SRS      6.42 297 eP     00 34.06   -0.6
SOH      6.49 294 eP     00 36.58    1.0
                  eS     01 09.41
PVL      6.53 319 iP     00 36.00   -0.1
THE      6.71 292 eP     00 41.94    3.3X
PGB      6.75 310 eP     00 39.00   -0.2
KNT      6.93 296 eP     00 41.74    0.0
LIT      6.93 287 eP     00 45.90    4.1X
GRG      7.21 294 eP     00 49.62    3.9X
VAY      7.22 297 ePn    00 47.00    1.3
VTS      7.36 307 iP     00 47.00   -0.9
MLR      8.08 333 eP     00 59.00    1.1
VRI      8.16 338 eP     00 59.50    0.6
CVO      8.29 335 eP     01 02.00    1.3
IGT      8.50 281 eP     01 12.77    9.1X
GEC2    16.35 315 Pd     02 47.30   -1.5
         1.3s      0.77nm          2.7mb X
KIC     45.51 235 P      07 16.00   -3.2X
YKA     75.75 344 eP     10 47.70    2.9X
         0.8s      0.50nm          3.6mb
      S.D. = 0.8  on  41 of  50 obs.
-----------------------------------------
*  FEB  14, 1992  00h 59m 47.73± 0.82s
   17.870 S ±15.4km   178.451 W ±17.6km
   DEPTH = 550.0km  (geophysicist)
   5.2mb (  2 obs.)
 FIJI ISLANDS REGION                (181)

DZM     14.80 251 iPd    02 54.90   -0.1
MNG     23.27 192 eP     04 13.80   -0.7
TUZ     29.71 197 P      05 11.10    0.2
ARMA    29.93 240 iPd    05 13.50    0.3
TOO     37.16 231 iPd    06 15.00    1.6
         0.6s     45.00nm          5.3mb
STK     38.62 241 iPc    06 46.70   21.3X
         0.4s      4.70nm
ASPA    44.77 254 iPc    07 13.90   -0.4
         0.7s     45.90nm          5.1mb
WARB    51.26 250 eP     08 02.00   -1.0
BALM    83.79  17 eP     11 20.09    0.1
YKA     94.31  25 eP     12 09.10    0.1
         0.4s      0.20nm          3.6mb X
GEC2   147.57 345 PKP    18 31.90    3.9X
         0.6s      0.74nm
      S.D. = 0.9  on   9 of  11 obs.
-----------------------------------------
*  FEB  14, 1992  02h 31m 50.76± 1.31s
   33.034 N ±13.8km   137.742 E ± 8.2km
   DEPTH = 330.0 ± 10.9 km
   4.3mb ( 16 obs.)
 NEAR S. COAST OF HONSHU, JAPAN     (230)

MAT      3.52   6 iPd    32 53.90   -0.2
                  iS     33 41.80
BJI     18.66 298 eP     35 47.00    0.2
         1.2s     44.00nm          4.7mb
LZH     28.00 286 eP     37 13.50   -0.7
         1.2s     19.00nm          4.4mb
                  pP     37 29.00   65kmX
                  sP     37 37.00
GUN     44.62 278 P      39 34.20    0.8
PKI     45.13 277 P      39 37.20   -0.2
         0.7s      9.00nm          4.1mb
KKN     45.16 278 P      39 37.80    0.2
         0.8s     48.00nm          4.8mb
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14d 02h

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DMN     45.37 278 P      39 39.60   0.4
        0.7s     17.00nm          4.4mb
GKN     45.63 278 P      39 41.60   0.5
        0.8s     32.00nm          4.6mb
TTA     50.41  33 eP     40 17.70   0.5
SVW     50.50  35 eP     40 19.00   1.2
BRW     51.25  22 eP     40 24.00   0.8
IMA     51.65  29 eP     40 26.60   0.3
        0.7s     3.10nm           3.8mb
PMR     53.62  35 eP     40 40.20  -0.4
        0.3s     3.70nm           4.2mb
FBA     54.08  30 eP     40 44.40   0.5
        0.4s     5.30nm           4.3mb
TOA     54.98  34 eP     40 51.30   0.8
HYB     55.10 269 eP     40 51.50  -0.4
ASPA    56.50 184 iPc    41 01.40  -0.1
        0.5s     5.30nm           4.2mb
INK     59.30  26 eP     41 19.50  -0.7
MBC     61.19  15 ePc    41 32.30  -0.5
        0.5s     3.00nm           4.1mb
YKA     68.76  28 eP     42 19.70  -1.3
        0.5s     1.00nm           3.8mb
PNT     73.15  42 eP     42 47.00  -0.3
        0.5s     6.00nm           4.6mb
NEW     75.10  42 P      42 56.00  -2.5
        0.8s     3.75nm           4.2mb
NB2     76.67 336 P      43 06.20  -0.7
        0.7s     1.90nm           4.0mb
SES     77.16  38 eP     43 10.00   0.2
LRM     79.12  42 eP     43 21.60   0.9
TNP     80.72  51 P      43 30.00   0.8
        0.7s     3.00nm           4.2mb
      S.D. = 0.9  on  26 of  26 obs.
-----------------------------------------
   FEB  14, 1992  03h 27m 40.91± 0.57s
   39.909 N ± 5.0km   33.944 E ± 4.5km
   DEPTH =  16.2 ±  4.7 km
   4.2mb ( 14 obs.)
 TURKEY                              (366)
      Felt at Cankiri.

BBTK    0.91 266 iPgc   27 57.90  -0.1
                eSg     28 13.80
KVT     1.99  53 iPn    28 15.10   0.9
GPA     2.81 279 iPn    28 26.70   0.6
EYL     2.97 284 ePn    28 28.60   0.3
ADAT    3.05 158 ePn    28 29.60   0.3
                ePg     28 36.00
                iSg     29 25.30
ALT     3.09 255 iPn    28 30.10   0.1
HRT     3.39 287 iPn    28 34.60   0.3
IZI     3.45 279 iPn    28 35.10  -0.1
GBZT    3.55 286 eP     28 36.00  -0.4
YLV     3.56 282 iPn    28 36.20  -0.5
GAZ     3.75 136 iPn    28 38.30  -0.9
KHL     3.79 247 iPn    28 39.30  -0.6
ISK     3.90 289 iPn    28 41.60   0.2
ITU     3.94 289 eP     28 42.00   0.0
DST     4.11 267 iPn    28 44.30  -0.1
CTT     4.38 288 iPn    28 48.40   0.1
ELL     4.47 226 ePn    28 52.00   2.3
BNT     4.64 277 iPn    28 51.10  -0.9
EDC     4.68 277 iPn    28 52.00  -0.6
CSS     4.96 186 eP     28 55.40  -1.1
DMK     5.07 294 ePn    28 57.60  -0.3
KGT     5.12 278 ePn    28 58.00  -0.6
PPCY    5.17 195 eP     29 02.20   2.7
IZM     5.41 256 iPn    29 00.80  -2.1
EZN     5.86 272 eP     29 07.70  -1.5
BHL     6.15 167 P      29 12.00  -1.3
MLR     8.11 316 eP     29 41.00   0.1
CVO     8.21 319 eP     29 42.50   0.3
VAY     8.77 283 ePn    29 48.40  -1.5
ZST    14.65 310 eP     31 15.70   6.6X
                e       43 55.40
OBN    15.30   6 eP     31 15.00  -2.6
                e       31 24.00
KSP    16.49 317 eP     31 31.00  -1.9
GEC2   16.97 308 Pc     31 39.30   0.3
        0.9s     3.84nm           3.5mb
PRU    16.99 313 eP     31 40.50   1.3
KHC    17.16 309 eP     31 48.00   6.6X
        1.2s     5.00nm           3.5mb
                e       31 51.10
CLL    18.49 315 e(P)   31 59.00   1.2
MAIO   20.40  92 eP     32 20.00   0.1
LPG    20.70 295 eP     32 25.70   2.6
        0.9s     13.10nm          4.3mb
LPL    20.71 295 eP     32 25.90   2.8
        0.9s     13.10nm          4.3mb
CDF    20.85 303 eP     32 23.90  -0.5
BSF    21.04 301 eP     32 26.30   0.0
        1.1s     14.65nm          4.3mb
HAU    21.37 301 eP     32 29.10  -0.4
        0.9s      9.85nm          4.2mb
WTS    22.26 312 eP     32 37.00  -1.4
        1.0s     13.00nm          4.3mb
UPP    22.45 338 iP     32 31.60  -8.6X
LBF    22.78 298 eP     32 44.90   1.2
        1.0s     14.00nm          4.4mb
LOR    22.90 299 eP     32 46.00   1.2
        0.7s      4.40nm          4.1mb
SSF    23.11 298 eP     32 48.00   1.2
AVF    23.18 297 eP     32 48.30   0.8
        0.9s      9.85nm          4.3mb
HFS    23.88 335 eP     32 55.30   1.2
        0.5s      2.30nm          4.0mb
FLN    25.98 301 eP     33 14.10  -0.2
        0.8s      9.40nm          4.5mb
GRR    26.19 300 eP     33 15.20  -1.0
        1.0s     24.00nm          4.8mb
GKN    43.17  90 P      35 43.00   0.3
KIC    48.16 237 P      36 21.00  -1.3
YKA    74.85 345 eP     39 21.10  -0.8
        1.0s      0.80nm          3.7mb
      S.D. = 1.2  on  51 of  54 obs.
-----------------------------------------
%  FEB  14, 1992  03h 30m 26.97± 0.61s
   42.200 N ± 4.8km   13.177 E ± 6.0km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                       (381)

AZI     0.29 138 P      30 33.00   0.0
MNS     0.41 297 P      30 35.00  -0.4
RMP     0.53 222 P      30 38.00   0.4
                eSg     30 46.60
RDP     0.56 218 P      30 38.20  -0.2
                eSg     30 46.50
SDI     0.69 136 P      30 40.40  -0.2
                eSg     30 49.70
ASS     0.95 337 P      30 45.30   0.2
                eSg     30 58.70
ARV     1.31 353 P      30 51.30   0.1
                eSg     31 09.20
      S.D. = 0.3  on   7 of   7 obs.
-----------------------------------------
   FEB  14, 1992  05h 02m 09.09± 0.32s
   40.682 N ± 4.2km   21.496 E ± 3.1km
   DEPTH =  10.0km  (geophysicist)
 GREECE                              (364)
      MD 3.4 (ATH), 3.0 (THE). ML 3.1
      (TTG).

FNA     0.14 318 ePg    02 11.58  -0.8
                eSg     02 15.74
KZN     0.43 151 iPgc   02 17.00  -0.9
OHR     0.68 309 iPgc   02 21.00  -1.6
                iSg     02 30.80
                Lg      02 32.00
GRG     0.74  68 ePg    02 23.33  -0.3
                eSg     02 35.38
LIT     0.96 127 ePg    02 27.00  -0.3
                eSg     02 41.58
VAY     1.03  52 iPn    02 28.50  -0.1
                i       02 43.60
                iSg     02 48.00
                Lg      02 48.70
THE     1.12  92 ePg    02 30.25   0.2
                eSg     02 45.85
KNT     1.17  65 ePb    02 30.98   0.1
                eSb     02 47.69
SKO     1.29 358 iPg    02 23.45  -9.5X
                eSn     02 49.20
                i       02 51.40
                i       02 53.00
                Lg      02 54.50
SOH     1.42  84 ePb    02 35.16   0.2
                eSb     02 54.66
IGT     1.45 218 ePb    02 36.06   0.7
                eSb     02 55.58
KEK     1.62 234 ePb    02 41.30   3.5X
SRS     1.65  74 ePb    02 37.84  -0.4
                eSb     02 59.53
AGG     1.78 159 ePb    02 40.16   0.1
                eSb     03 03.30
PAIG    1.83 114 ePb    02 40.38  -0.5
                eSb     03 05.17
OUR     1.93 100 ePb    02 42.17   0.0
                eSb     03 09.77
ULC     2.12 308 iPnd   02 46.01   0.9
                iSn     03 12.94
PVY     2.23 330 iPnd   02 46.99   0.3
                iSn     03 15.22
TTG     2.42 317 iPnc   02 50.36   1.1
                iSn     03 20.38
IVA     2.49 332 iPnd   02 50.93   0.5
                iSn     03 21.72
BDV     2.56 309 iPnc   02 52.43   1.0
                iSn     03 23.83
NKY     2.83 320 iPnc   02 56.03   0.7
                iSn     03 30.08
HCY     2.86 309 iPnd   02 55.84   0.3
                iSn     03 31.06
PLE     3.07 330 iPnd   02 59.04   0.4
                iSn     03 36.21
BRY     3.13 316 iPnc   02 59.66   0.2
                iSn     03 37.69
ALN     3.46  85 ePn    03 03.22  -0.9
VLI     4.12 164 ePb    03 16.00   2.6
MGR     4.57 265 P      03 18.90  -0.9
SGO     4.71 271 P      03 19.90  -2.0
SDI     5.88 283 P      03 37.60  -0.9
      S.D. = 0.9  on  28 of  30 obs.
-----------------------------------------
%  FEB  14, 1992  05h 12m 16.19± 0.80s
   40.780 N ±11.3km   21.534 E ± 5.8km
   DEPTH =   5.0km  (geophysicist)
 GREECE                              (364)
      MD 1.9 (THE).

FNA     0.12 272 ePg    12 18.33  -0.4
                eSg     12 20.66
GRG     0.68  75 ePg    12 30.41   0.6
                eSg     12 39.75
LIT     1.00 133 ePg    12 34.88  -0.7
                eSg     12 50.46
KNT     1.10  69 ePg    12 37.03  -0.3
SOH     1.38  88 ePb    12 42.25   0.1
IGT     1.55 217 ePb    12 45.25   0.8
      S.D. = 0.7  on   6 of   6 obs.
-----------------------------------------
*  FEB  14, 1992  05h 34m 50.27± 1.65s
   44.513 N ± 5.3km  114.061 W ±16.8km
   DEPTH =   5.0km  (geophysicist)
 WESTERN IDAHO                       ( 33)
      ML 2.8 (GS), 3.0 (BUT).

MCMT    0.92  70 iPc    35 08.40  -0.1
HPI     1.06 139 ePc    35 10.28  -0.6
                eS      35 25.03
LTMT    1.40  89 ePn    35 17.30   0.6
BGMT    1.61  63 ePn    35 19.80   0.2
HBMT    1.64  38 iPnc   35 20.20   0.1
LRM     1.73  40 iPnc   35 21.40  -0.1
BUT     1.84  35 iPg    35 25.50   2.6X
                eSn     35 48.10
                iSg     35 50.10
PTI     2.05 143 e(P)   35 25.28  -0.7
                eS      35 52.67
MEMT    2.45  62 ePn    35 31.80   0.1
SXM     2.59  50 ePn    35 34.30   0.5
HRY     2.70  35 ePn    35 34.40  -0.8
HVU     2.89 161 e(P)   35 38.91   0.9
                eS      36 17.68
      S.D. = 0.6  on  11 of  12 obs.
-----------------------------------------
&  FEB  14, 1992  05h 43m 35.00s
   40.390 N          124.588 W
   DEPTH =  15.0km
 NEAR COAST OF NORTHERN CALIF.       ( 35)
      <BRK>. ML 3.0 (BRK).

FOX     0.47  74 iPc    43 44.62   0.1
                eS      43 51.40
FHC     0.62  48 iPc    43 46.80  -0.2
                eS      43 55.06
WDC     1.57  82 iP     44 00.58  -1.8
MIN     2.28  90 eP     44 10.69  -2.1
ORV     2.51 108 eP     44 14.00  -2.0
                eS      44 42.12
      5 obs. associated
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U. S. DEPARTMENT OF THE INTERIOR

Geological Survey

EARTHQUAKE DATA REPORT

The Earthquake Data Report (EDR) is a bulletin of all seismic phase and amplitude data which were associated with events published in the Preliminary Determination of Epicenters (PDE) Monthly Listing. It also contains information about the hypocentral computations (such as standard errors) that are not included in the PDE Monthly Listing. A machine-readable version of this EDR is available from the Books and Open-File Reports Section of the U.S. Geological Survey.

All data in the EDR are grouped by event, with events listed by origin time in date/time order through the month. All times are in Coordinated Universal Time (UTC). Locations are in decimal degrees of geographic latitude and longitude. Depths are in kilometers below the free surface. Hypocentral coordinates are determined by a modified Geiger's method and may be constrained by reported first arriving P-waves, Pdiff, and the DF branch of PKP. Data are corrected for station elevation and for the ellipticity of the Earth. Outliers may be truncated (ie., removed from the calculation) either automatically or manually. The solution is allowed to converge between rounds of automatic truncation to insure a unique result. Convergence is aided by step length damping.

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

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

Two types of magnitude are computed: body-wave magnitude (m_b) and surface-wave magnitude (M_{SZ}). Each is a 25% trimmed mean of individual station values. Station magnitudes not used in the trimmed mean are marked with an X. This includes station magnitudes of either type which deviate significantly from the mean and surface-wave magnitudes determined from horizontal amplitudes. Body-wave magnitudes are computed according to the formula $\log(A/T)+Q$, derived by Gutenberg and Richter (1956), where A is the P-wave amplitude in micrometers, T is the period in seconds, and Q is the depth-distance factor. Surface-wave magnitudes are computed from the formula $\log(A/T) + 1.66\log(\Delta) + 3.3$, where A is the maximum vertical surface-wave amplitude in micrometers, T is the period in seconds, and Δ is the epicentral distance in degrees. Surface-wave magnitudes are determined only for earthquakes whose focal depths (taking into account the computed standard deviations) are potentially less than 50 km, for stations having $20° \leq \Delta \leq 160°$, and for reported periods of $18 \leq T \leq 22$ s. No correction for focal depth is used in the M_S calculation. Body-wave magnitudes are not determined from PKP arrivals or for stations having $\Delta \leq 5°$. Amplitude values stated in this report are in nanometers (nm) for body-waves and micrometers (μm) for surface-waves.

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

The pulse distortion of seismic phases that have ray paths that touch a single internal caustic (*e.g.*, PP, pPP, SS and PKPab) can be corrected using the method of Hilbert transformation described by Choy and Richards (1975). Arrival times that are read from the phases that are corrected for pulse distortion are identified by the symbol H preceding the phase identifier (*e.g.*, HPP, HpPP, HSS and HP′ab).

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 "`". Also note that certain phase codes are abbreviated because the data base and file format limit the length of the codes to five characters. Thus, PKP is occasionally abbreviated to P′ and the numbers 2 and 3 are sometimes used to represent the AB (AC for SKKS) and BC branches of core phases, respectively. In some codes, R is used to represent repetition; for example, pRPKP represents the phase pPKPPKP and RRPG represents PgPgPg.

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-----------------------------------------
*  FEB  14, 1992  05h 46m 26.42± 1.59s
   17.972 N ±17.1km  102.424 W ±11.2km
   DEPTH =  71.9 ± 19.1 km
   3.3mb (  1 obs.)
 NEAR COAST OF MICHOACAN, MEXICO ( 56)

COLM     1.70 315 iP     46 54.50  -0.1
                 iS     47 16.00
CGX      1.98 330 eP     46 59.50   0.9
                 iS     47 23.00
MRX      2.08  34 iP     46 58.00  -1.8
                 iS     47 24.00
ACX      2.68 114 eP     47 06.50  -1.7
                 iS     47 39.50
III      2.84  81 iP     47 09.00  -1.6
                 iS     47 42.50
UNM      3.36  66 eP     47 18.50   0.6
TAC      3.38  65 eP     47 18.00  -0.2
PPM      3.76  73 eP     47 24.50   0.7
                 (S)    48 11.00
AGX      3.89   2 eP     47 25.50   0.5
IIT      4.04  74 eP     47 27.50   0.0
IISM     4.90  77 eP     47 40.00   0.8
OXX      5.51  98 (P)    47 50.50   2.5
YKA     45.28 352 eP     54 37.70  -0.7
         0.6s      0.30nm          3.3mb
      S.D. = 1.4  on  13 of  13 obs.
-----------------------------------------
*  FEB  14, 1992  06h 11m 47.09± 0.67s
   20.812 N ± 8.6km  122.382 E ±16.2km
   DEPTH =  33.0km  (normal)
   4.3mb (  7 obs.)
 PHILIPPINE ISLANDS REGION        (248)

BAG      4.70 202 ePc    12 58.20   0.5
KKM     15.85 203 ePc    15 29.00  -0.6
BJI     19.89 346 eP     16 17.50  -1.0
         1.0s     12.00nm          4.2mb
      Z  16s      0.58um          4.2MszX
MAT     20.89  38 (P)    16 42.00  13.0X
         1.0s      8.00nm
CHG     22.14 269 eP     16 42.90   1.2
         1.2s     15.63nm          4.3mb
LZH     22.24 317 eP     16 42.00  -0.8
         1.8s     66.00nm          4.8mb
      Z  16s      0.54um          4.1MszX
                 pP     16 48.00  22kmX
                 i      17 11.00
WRA     42.16 163 P      19 37.20  -1.2
         0.7s      1.10nm          3.7mb
WB2     42.17 163 eP     19 37.50  -0.9
         0.8s      3.90nm          4.2mb
                 i      20 25.80
ASPA    45.61 165 iPd    20 08.70   2.5
         1.0s     10.20nm          4.7mb
WARB    46.90 175 eP     20 15.00  -1.3
INK     75.93  22 eP     23 33.00   1.1
YKA     85.63  23 eP     24 24.10   0.7
         0.8s      1.00nm          4.1mb
GEC2    86.15 321 PKP    24 26.00  -0.3
      S.D. = 1.3  on  12 of  13 obs.
-----------------------------------------
   FEB  14, 1992  06h 24m 00.25± 0.52s
   42.227 N ± 7.8km  142.825 E ±10.0km
   DEPTH =  79.9 ±  7.9 km
   3.6mb (  1 obs.)
 HOKKAIDO, JAPAN  REGION          (224)

HOOJ     0.38  65 iP+    24 13.00  -0.1
                 S      24 21.90
MRRJ     1.32 279 P      24 22.60  -0.9
                 S      24 39.00
KUSJ     1.64  57 iP+    24 28.00   0.2
                 S      24 46.90
ASAJ     1.90 356 iP+    24 31.90   0.7
                 S      24 55.90
AOMJ     2.49 229 eP     24 39.70   0.4
                 eS     25 08.70
OFUJ     3.26 196 eP     24 49.10  -1.0
                 eS     25 26.20
YAMJ     4.58 209 eP     25 08.10  -0.4
NIIJ     5.79 212 iP+    25 25.20  -0.1
                 S      26 32.60
KAKJ     6.36 200 P      25 29.80  -3.4X
                 S      26 38.00
MAT      6.71 214 (P)    25 40.00   1.9
                 (S)    25 53.00
FBA     44.18  35 eP     32 03.00   0.7
INK     49.30  29 eP     32 42.00  -0.4
YKA     58.80  32 eP     33 51.20  -0.8
         0.6s      0.30nm          3.6mb
      S.D. = 1.0  on  12 of  13 obs.
-----------------------------------------
   FEB  14, 1992  06h 59m 19.13± 0.32s
   40.689 N ± 4.2km   21.124 E ± 2.4km
   DEPTH =  10.0km  (geophysicist)
   3.7mb (  2 obs.)
 GREECE                           (364)
      ML 4.1 (SKO), 3.7 (TTG). MD 3.4
      (THE).

FNA      0.21  64 ePg    59 23.91   0.1
                 eSg    59 28.48
OHR      0.49 330 iPgc   59 28.20  -0.9
                 iSg    59 35.70
GRG      1.01  74 ePg    59 37.46  -0.7
                 eSg    59 49.27
LIT      1.20 119 ePg    59 42.08   0.6
                 eSg    00 00.24
VAY      1.26  60 iPn    59 41.80  -0.8
                 iSn    59 59.00
                 iSg    00 02.70
IGT      1.30 208 ePb    59 46.35   3.1X
                 eSb    00 06.51
SKO      1.30  10 iPg    59 42.00  -1.3
                 i      59 43.00
                 i      59 44.00
                 i      59 47.30
                 iSg    59 59.50
THE      1.40  92 ePb    59 45.03   0.3
                 eSb    00 00.19
KNT      1.43  70 ePb    59 45.19   0.1
                 eSb    00 03.72
SOH      1.70  85 ePb    59 49.32   0.3
                 eSb    00 11.59
KK8      1.89  51 ePg    59 52.00   0.3
ULC      1.90 313 iPnd   59 53.31   1.4
                 iSn    00 18.25
AGG      1.91 150 ePb    59 53.06   1.1
                 eSb    00 16.56
SRS      1.92  76 ePb    59 51.32  -0.9
                 eSb    00 16.08
PVY      2.09 336 iPnc   59 55.39   0.6
                 iSn    00 22.54
PAIG     2.10 110 ePn    59 53.91  -0.8
                 eSn    00 21.24
MMB      2.16  65 iP     59 56.00   0.3
OUR      2.21  98 ePn    59 56.03  -0.3
TTG      2.23 322 iPnc   59 57.99   1.3
                 iSn    00 26.01
BDV      2.35 313 iPnd   59 59.26   0.9
                 iSn    00 29.52
IVA      2.37 338 iPnd   59 59.14   0.5
                 iSn    00 29.40
LCI      2.44 263 P      59 59.40  -0.3
VTS      2.46  39 ePg    00 01.00   0.9
HCY      2.64 313 iPnd   00 03.79   1.3
                 iSn    00 35.99
NKY      2.65 324 iPnd   00 03.89   1.1
                 iSn    00 36.59
RZN      2.89  69 eP     00 07.00   0.8
BRY      2.93 320 iPnd   00 07.42   0.6
                 iSn    00 43.14
PLE      2.94 335 iPnc   00 07.28   0.5
                 iSn    00 43.32
PGB      2.94  50 ePg    00 07.00   0.2
BRT      2.98 275 P      00 10.10   2.8X
                 eSn    00 42.40
BAI      3.26 279 P      00 10.50  -0.7
KDZ      3.38  72 eP     00 14.00   1.0
DIM      3.59  66 ePg    00 20.00   4.1X
ROI      3.67 254 P      00 15.30  -1.8
ALN      3.74  85 ePn    00 16.48  -1.7
TDS      3.81 256 P      00 20.50   1.4
CSI      3.81 258 P      00 15.40  -3.8X
CZI      4.11 251 P      00 21.70  -1.5
BEO      4.16 353 ePn    00 36.00  12.0X
HVAR     4.28 307 i(Pn)  00 23.30  -2.5
                 iSn    01 11.80
MGR      4.29 264 P      00 27.20   1.3
SGO      4.43 270 P      00 28.30   0.5
                 eSn    01 15.90
SOI      4.72 238 P      00 32.20   0.2
DUI      5.12 283 P      00 37.90   0.1
SDI      5.61 283 P      00 45.10   0.5
MLR      5.96  35 eP     00 55.00   5.4X
VBY      6.45 320 ePn    00 55.90  -0.5
                 e(Sg)  02 09.50
VRI      6.60  36 eP     01 02.00   3.5X
ASS      6.75 293 P      00 59.80  -1.0
CEY      7.03 318 ePn    01 03.00  -1.6
                 eSn    02 22.20
FVI      8.45 317 P      01 22.70  -1.7
KBA      8.50 321 ePn    01 26.00   0.7
                 e      02 56.00
NB2     21.27 347 P      04 03.60  -4.0X
         0.8s      2.40nm          3.6mb
YKA     71.19 340 eP     10 36.10  -3.6X
         0.6s      0.40nm          3.7mb
      S.D. = 1.0  on  45 of  54 obs.
-----------------------------------------
?  FEB  14, 1992  07h 20m 48.24± 5.84s
   40.957 N ±22.0km   24.339 E ±41.0km
   DEPTH =  10.0km  (geophysicist)
 AEGEAN SEA                       (365)
      MD 2.3 (THE).

SRS      0.59 286 ePg    20 59.16  -1.0
                 eSg    21 08.98
OUR      0.68 204 ePg    21 01.11  -0.6
SOH      0.76 260 ePg    21 02.30  -0.8
                 eSg    21 14.66
THE      1.09 253 ePg    21 09.38   0.6
KNT      1.11 281 ePg    21 09.42   0.4
                 eSg    21 25.38
PAIG     1.14 206 ePg    21 09.98   0.3
                 eSg    21 25.22
GRG      1.47 271 ePb    21 15.85   1.1
                 eSb    21 35.01
      S.D. = 1.0  on   7 of   7 obs.
-----------------------------------------
&  FEB  14, 1992  07h 23m 25.80s
   38.813 N          122.458 W
   DEPTH =   2.0km
 NORTHERN CALIFORNIA              ( 36)
      <BRK>. ML 3.4 (BRK).

ZSP      0.88 170 ePd    23 41.92  -1.5
                 eS     23 57.56
ORV      1.05  45 eP     23 42.47  -3.9
                 eS     23 59.81
PCC      1.31 177 iPc    23 47.35  -3.5
                 iS     24 07.62
ARN      1.63 153 ePnc   23 52.23  -3.5
                 eS     24 10.00
MIN      1.67  23 eP     23 51.83  -4.4
WDC      1.77 358 iPd    23 52.65  -4.9
                 e      24 03.86
CMB      1.80 115 iPc    23 54.84  -3.4
                 eS     24 18.57
GCC      1.82 168 eP     23 54.39  -3.9
SAO      2.20 158 ePd    24 00.77  -3.1
LLA      2.50 151 ePc    24 04.03  -4.2
LBFM     2.57  10 eP     24 07.26  -2.1
PRS      2.62 160 eP     24 06.05  -3.9
FRI      2.83 129 eP     24 09.94  -3.0
                 eS     24 23.75
BONR     3.38 103 Pn     24 16.83  -4.1
TNP      4.18  98 Pn     24 28.07  -4.1
ISA      4.47 133 eP     24 33.00  -3.2
CLC      4.89 126 eP     24 47.00   4.7
SBB      5.55 136 eP     24 51.00  -0.5
        18 obs. associated
-----------------------------------------
   FEB  14, 1992  08h 18m 25.70± 0.17s
   53.897 N ± 3.1km  108.866 E ± 3.0km
   DEPTH =  20.5km  ( 19 depth phases)
   5.3mb ( 65 obs.)  5.3Msz (  3 obs.)
 LAKE BAYKAL REGION, RUSSIA       (327)
      Felt (IV) at Suvo; (III) at
      Irkutsk and Ulan-Ude.
      CENTROID, MOMENT TENSOR     (HRV)
      Data Used: GDSN
      L.P.B.: 25S, 47C
      Centroid Location:
      Origin Time        08:18:27.9 0.4
      Lat 53.88N  FIX;Lon 108.87E  FIX
      Dep  20.0 FIX Half-duration  1.8
      Moment Tensor;   Scale 10**17 Nm
        Mrr=-1.04 0.05  Mtt= 0.73 0.06
```

14d 08h

```
      Mff= 0.31 0.08  Mrt=-0.29 0.11
      Mrf=-0.57 0.10  Mtf= 0.61 0.05
     Principal Axes:
      T  Val=  1.31  Plg=14  Azm=142
      N       -0.05      13       48
      P       -1.25      71      276
    Best Double Couple:Mo=1.3*10**17
     NP1:Strike=249 Dip=33 Slip= -65
     NP2:         40      60      -105

NIZ     1.93  12 ePg   19 00.50   2.7
                eSg   19 26.50
KAB     2.28 217 eP    19 04.00   1.1
IRK     3.19 241 iPd   19 17.30   1.5
      1.4s   660.00nm
                iPg   19 21.50
                eS    19 56.00
                e     20 02.00
                iSg   20 06.00
IRK     3.19 241 iPd   19 17.50   1.7
                ePg   19 22.00
                eS    20 02.00
                iSg   20 06.00
CIT     3.44 122 iPc   19 16.90  -2.4
                ePg   19 23.20
                eS    19 57.90
                eSg   20 10.00
SVK     3.53  47 iPd   19 21.60   1.1
                ePg   19 32.00
                iSg   20 16.00
TNL     3.55  45 eP    19 20.90   0.1
                iPgd  19 29.90
                iSg   20 10.00
MOY     5.27 248 eP    19 47.30   2.1
                ePg   19 59.40
                eSg   20 58.00
YAK    13.68  45 iPc   21 35.80  -4.8X
      1.2s   226.00nm          5.9mb
                eS    24 14.00
                iSS   24 42.00
                ePcP  27 00.00
                iScP  30 07.00
                iPcS  30 15.00
                eScS  34 05.00
                i     34 18.00
YAK    13.68  45 iPd   21 35.90  -4.7X
      1.1s   235.00nm          6.0mb
                eS    24 28.00
BJI    14.72 157 eP    21 52.00  -2.3
      1.8s   351.00nm          5.5mb
    Z  11s    29.10um          4.7Msz
    N  10s    29.60um
    E  10s    11.60um
                eS    24 40.00
                eLg   26 08.00
LZH    18.15 193 eP    22 37.50  -0.6
      1.6s   277.00nm          5.2mb
    Z  10s     3.34um
    N  10s    19.50um
                pP    22 41.00
                eS    26 00.00
                sS    26 08.00
SSE    24.46 154 P+    23 44.00  -0.1
      4.0s     1.20nm          2.8mb X
    Z  18s   245.00um          6.7MszX
    N  13s    13.20um
    E  10s     2.70um
                PP    24 19.00
                i     24 38.00
                S     27 52.00
                sS    28 02.00
                i     28 16.00
                i     31 48.00
MAT    26.71 119 eP    24 12.00   6.8X
                eS    28 40.00
KMI    29.10 191 Pc+   24 31.00   3.8X
      1.5s   290.00nm          5.8mb
    Z  10s     6.20um          5.5MszX
    N  10s     6.60um
                sS    29 18.00
                i     29 48.00
                eS    29 57.00
GUN    30.96 222 P     24 45.00   1.1
SHL    31.00 211 iPd   24 44.00   0.0
      1.1s    56.96nm          5.3mb
                iS    29 52.00
KKN    31.31 223 P     24 47.60   0.8
GKN    31.38 224 P     24 46.60  -0.7
PKI    31.45 223 P     24 49.00   0.8
DMN    31.54 223 P     24 50.00   1.2
NDI    34.15 235 iPd   25 11.50   0.3
      0.9s    37.82nm          5.3mb
                eS    30 38.00
CHG    35.84 196 eP    25 26.00   0.2
      1.1s    34.18nm          5.2mb
BDT    37.37 196 eP    25 39.40   0.8
MAIO   38.15 263 eP    25 47.00   1.9
                eS    31 52.00
KEV    38.30 326 iP    25 45.20  -0.6
      1.1s    55.20nm          5.3mb
QUE    38.32 249 eP    25 47.10   0.4
BAG    38.51 162 ePc+  25 49.00   0.6
NST    38.75 194 eP    25 56.20   6.1X
KBS    39.01 342 eP    25 55.20   3.4X
KHT    39.85 196 eP    26 02.50   3.2X
OBN    40.25 302 iPc   26 02.60   0.4
      1.8s   190.00nm          5.5mb
    Z  14s    17.00um          6.0MszX
    N  14s     7.40um
    E  14s     9.60um
                ipP   26 15.00  46kmX
                isP   26 21.00
                iPP   27 38.00
                iPcP  28 05.00
                iPPP  28 10.00
                eS    32 24.00
                eSS   35 10.00
                eSSS  35 42.00
                LQ    36 40.00
OCP    40.33 162 eP    26 01.00  -2.3
BRW    41.55  29 eP    26 13.90   1.2
KAF    41.63 315 eP    26 13.80   0.3
NUR    43.11 314 eP    26 26.00   0.4
                i     26 31.20  17km
HYB    43.32 225 ePd   26 28.00   0.3
      1.0s   120.00nm          5.6mb
                i     26 32.50  15km
POO    44.39 231 eP    26 36.50   0.0
IMA    45.20  35 eP    26 43.60   1.0
      1.4s    89.00nm          5.5mb
DAG    45.48 345 iPc   26 43.90  -0.6
      0.8s    61.94nm          5.6mb
TTA    46.17  39 eP    26 51.10   0.9
      1.5s    71.80nm          5.4mb
UPP    46.42 316 iP    26 51.40  -0.6
MBC    46.51  14 ePd   26 52.00  -0.6
      1.0s    12.00nm          4.8mb
SHI    46.98 262 eP    26 58.00   0.9
SNG    47.06 191 eP    27 03.20   5.6X
SVW    47.39  41 eP    27 01.20   1.4
MSL    47.74 276 ePc   27 04.20   1.3
                e     27 11.50  24km
                ePcP  28 32.50
                eS    34 08.50
                eScS  36 46.00
                eSS   37 34.00
                eLQ   43 45.00
HFS    47.84 318 eP    27 03.10  -0.3
      0.5s    16.70nm          5.3mb
    Z  16s     4.16um          5.5MszX
                LR    46 44.00
FBA    47.87  34 eP    27 04.50   1.0
      0.6s    31.30nm          5.5mb
KKM    48.08 170 eP    27 06.00   0.2
NB2    48.26 320 P     27 06.00  -0.6
      1.1s    62.00nm          5.6mb
DAV    48.60 158 eP    27 08.50  -1.1
PDB    48.76  42 P     27 09.60  -0.8
RSO    48.90  41 P     27 12.00   0.3
BHD    49.17 272 ePc   27 25.00  11.1X
                eS    34 30.50
                eScS  37 10.00
PMR    49.53  38 eP    27 16.50   0.2
      1.5s   107.80nm          5.6mb
IPM    49.58 190 ePc   27 22.50   5.3X
      1.2s    70.80nm          5.6mb
INK    49.74  26 ePd   27 17.20  -0.6
KAS    49.81 288 eP    27 20.00   1.1
SLKM   49.83  39 P     27 17.60  -1.1
CLI    49.98 297 ePd   27 22.00   2.0
TOA    50.25  36 eP    27 22.90   1.0
BSD    50.49 312 eP    27 16.00  -7.7X
                e     27 24.00  27km
                e     27 31.00
VRI    50.71 297 ePc   27 27.00   1.4
KLU    50.75  37 P     27 25.70   0.0
CVO    51.04 297 eP    27 34.00   5.9X
ISR    51.29 296 eP    27 32.00   2.0
MLR    51.37 297 iPc   27 33.00   2.2
BBTK   51.41 287 eP    27 40.00   8.9X
KRA    51.43 304 ePd   27 31.00   0.0
                i     27 36.20  17km
                e     27 38.80
SPC    51.85 303 eP    27 34.70   0.3
                e     29 34.90 678kmX
CMP    52.00 297 ePc   27 26.00  -9.4X
MUD    52.04 316 eP    27 35.00  -0.4
      1.0s    30.00nm          5.2mb
BUC1   52.09 296 eP    27 33.00  -3.0
TNR    52.15 298 ePd   27 37.00   0.5
BALM   52.31  36 P     27 37.40  -0.3
KSP    52.66 307 eP    27 37.80  -2.5
      0.9s    40.00nm          5.3mb
                ic    27 41.40  12km
                i     28 18.70
PSZ    52.87 302 eP    27 42.10   0.1
IZI    52.92 290 iP    27 42.40   0.0
SRO    53.73 303 eP    27 40.30  -7.8X
                i     27 48.80  28km
                e     31 07.50
BRG    53.74 308 iPc   27 48.80   0.6
      1.2s    42.00nm          5.3mb
                i     27 55.80  23km
BNT    53.77 291 eP    27 48.00  -0.5
BHL    53.86 280 P     27 48.00  -1.4
CLL    53.87 309 iP    27 48.70  -0.4
      1.9s   110.00nm          5.6mb
                i     27 56.20  25km
ZST    54.06 304 iP    27 52.40   1.8
PRU    54.07 307 P     27 50.60   0.0
    Z  14s    12.00um          6.1MszX
    N  14s     6.20um
    E  14s     6.30um
                e     27 56.20  18km
HRI    54.27 279 eP    27 52.80   0.4
VKA    54.40 305 e(P)  27 54.00   0.9
UZD    54.43 302 eP    27 52.60  -0.7
CSS    54.46 282 eP    27 53.80   0.1
MOX    54.97 310 iP    27 57.80   0.5
      1.8s    99.00nm          5.5mb
    Z  17s     7.00um          5.8MszX
    N  17s     5.60um
    E  19s     2.10um
                i     28 05.00  24km
                e     28 55.70
PPCY   55.09 283 eP    27 58.00  -0.3
KHC    55.11 307 Pd    27 58.60   0.2
      1.4s    33.80nm          5.2mb
    Z  14s    14.00um          6.2MszX
    N  14s     6.00um
    E  14s     8.30um
                e     28 00.00   5kmX
                e     28 12.50
ELL    55.16 286 eP    27 59.00   0.0
GEC2   55.25 307 Pd    27 58.60  -0.9
      0.6s     2.91nm          4.5mb
WET    55.43 308 eP    28 01.30   0.7
DSI    55.70 278 eP    28 03.00   0.3
GRF    55.82 309 iPd   28 03.90   0.5
      1.8s   114.00nm          5.6mb
    Z  16s     7.00um          5.8MszX
                e     28 09.50  18km
                e     28 11.10
VAY    56.01 295 iP    28 04.80  -0.1
SKO    56.16 296 iP    28 05.50  -0.4
    Z  15s     4.07um          5.6MszX
    N  14s     4.32um
    E  14s     4.04um
                i     28 13.00  25km
                LR    55 04.00
PTJ    56.22 303 eP    28 05.50  -0.9
BHG    56.43 306 eP    28 08.60   0.7
KBA    56.67 305 iPd   28 10.30   0.5
      1.5s   107.00nm          5.7mb
                ic    28 10.80   2kmX
                i     28 35.70
                i     29 12.60
LJU    56.82 304 e(P)  28 10.50  -0.2
VBY    56.85 303 eP    28 11.50   0.7
                e(PcP)29 04.10
FUR    56.88 308 iPc   28 12.70   1.6
```

Z	14s		14.00um		6.2MszX
			i	28 49.70	159kmX
CEY	57.09	304	e(P)	28 16.00	3.4X
OHR	57.11	296	eP	28 11.50	-1.3
VOY	57.15	304	e(P)	28 13.00	-0.1
FVI	57.28	305	P	28 10.90	-3.0
MBH	57.31	277	iPd	28 14.70	0.4
ENN	57.42	313	eP	28 15.00	0.2
	0.7s		19.00nm		5.2mb
			e	28 21.00	20km
TRI	57.44	304	eP	28 14.10	-0.9
MEM	57.50	313	iPc	28 16.06	0.8
SOTA	57.59	307	iPd	28 16.10	-0.1
	1.5s		88.80nm		5.6mb
EKA	57.68	321	P	28 17.00	0.5
	1.4s		53.50nm		5.4mb
OGA	57.93	307	eP	28 19.20	0.5
WLF	58.13	312	P	28 12.00	-7.7X
CTI	58.22	306	P	28 19.90	-0.7
DOU	58.49	313	Pc	28 21.80	-0.5
CDF	58.54	310	eP	28 22.70	-0.1
	0.9s		14.75nm		5.1mb
YKA	59.04	22	eP	28 24.10	-1.8
	0.6s		7.70nm		5.0mb
BSF	59.19	310	eP	28 26.80	-0.5
HAU	59.26	310	eP	28 27.40	-0.3
Z	19s		2.40um		5.3Msz
SFI	59.67	304	Pd	28 28.10	-2.4
VAI	59.73	307	Pc	28 30.40	-0.5
ORX	60.27	307	P	28 33.34	-1.5
SGO	60.39	299	P	28 36.10	0.6
TDS	60.51	298	P	28 37.30	0.9
LSD	60.79	308	P	28 38.88	0.4
PCP	60.82	306	P	28 38.06	-0.4
ETA	60.86	321	eP	28 38.00	-0.5
LOR	60.93	311	eP	28 38.20	-0.9
Z	19s		2.22um		5.3Msz
LPL	60.94	308	eP	28 39.40	-0.1
LPG	60.95	308	eP	28 39.40	-0.2
	0.9s		27.85nm		5.4mb
RSP	60.97	308	P	28 38.06	-1.5
LBF	61.09	311	eP	28 29.00	-11.3X
BHB	61.20	307	P	2B 38.98	-2.0
FIN	61.22	306	P	28 40.11	-1.1
SSF	61.24	311	eP	28 40.30	-0.9
BNI	61.32	308	P	28 42.40	0.5
ECP	61.33	321	eP	28 42.00	0.3
ECB	61.34	321	eP	28 41.00	-0.8
RRL	61.36	308	P	28 41.96	-0.4
SMF	61.41	311	eP	28 41.40	-1.0
	0.3s		15.45nm		5.6mb
AVF	61.52	311	eP	28 42.20	-0.9
PZZ	61.53	307	P	28 41.75	-1.6
ENR	61.59	307	P	28 41.75	-2.0
IMI	61.60	306	P	28 43.39	-0.4
LDF	61.64	314	eP	28 42.40	-1.5
	0.6s		14.45nm		5.3mb
FLN	61.67	315	eP	28 42.40	-1.7
	0.6s		12.65nm		5.2mb
Z	17s		8.50um		6.0MszX
SOI	61.83	297	P	28 44.70	-0.6
BGF	61.92	311	eP	28 44.60	-1.3
	0.7s		8.25nm		5.0mb
MAF	62.30	311	eP	28 47.90	-0.5
	0.9s		19.65nm		5.3mb
TCF	62.41	311	eP	28 48.50	-0.6
	0.8s		10.75nm		5.0mb
LPF	62.47	315	eP	28 48.40	-1.0
	0.7s		8.80nm		5.0mb
LSF	62.74	312	eP	28 50.30	-1.0
	0.8s		13.45nm		5.1mb
MFF	63.20	313	eP	28 53.50	-0.8
	0.5s		8.75nm		5.2mb
CAF	63.53	311	eP	28 56.40	-0.1
	0.6s		5.40nm		4.9mb
LPO	64.11	311	eP	29 00.10	-0.2
	0.7s		8.80nm		5.0mb
EPF	65.78	310	eP	29 10.40	-0.8
	0.6s		9.90nm		5.1mb
FFC	68.79	19	ePd	29 29.00	-0.8
	1.8s		105.00nm		5.7mb
PNT	69.34	32	eP	29 32.00	-1.3
GMW	69.87	34	P	29 36.30	-0.3
RMW	70.27	34	P	29 38.50	-0.6
SES	70.81	26	ePd	29 42.00	-0.3
	1.0s		71.00nm		5.8mb
			pP	29 49.00	22km
PMG	70.89	140	eP	29 47.00	4.0X
	1.2s		128.13nm		5.9mb
LON	70.89	34	P	29 42.70	-0.2
DPW	71.06	31	P	29 43.70	-0.2
SHW	71.24	35	P	29 45.90	0.9
VGB	72.32	34	P	29 51.70	0.3
LRM	74.61	29	eP	30 05.00	0.0
HPI	76.35	30	P	30 15.20	0.2
WRA	76.74	155	P	30 16.40	-0.6
	0.6s		14.90nm		5.2mb
WB2	76.75	155	iPc	30 16.50	-0.5
	0.7s		29.00nm		5.4mb
			e	30 21.20	15km
ORV	77.33	38	P	30 19.50	-0.6
PTI	77.34	30	P	30 21.00	0.7
HVU	78.22	31	P	30 25.70	0.6
BW06	78.23	28	P	30 24.60	-0.7
	1.5s		19.07nm		4.9mb
RSSD	78.39	24	P	30 26.00	-0.1
	1.4s		61.40nm		5.5mb
QIS	78.74	151	eP	30 27.00	-1.0
	0.9s		13.00nm		5.0mb
DUG	79.65	31	P	30 32.90	-0.1
	1.4s		33.79nm		5.2mb
BONR	79.89	36	P	30 35.30	0.8
DAU	79.92	30	P	30 36.00	1.3
TNP	80.15	35	P	30 36.20	0.5
	1.1s		10.56nm		4.8mb
ASPA	80.22	157	iPd	30 35.80	-0.1
	0.7s		22.90nm		5.3mb
			i	30 41.20	17km
EMUT	80.61	30	P	30 39.20	1.0
MSU	81.39	31	P	30 43.50	1.2
ISA	81.88	37	eP	30 44.00	-0.7
CLC	82.05	37	eP	30 39.00	-6.6X
GOL	82.22	26	P	30 47.80	1.1
	1.5s		7.74nm		4.6mb
MWC	83.32	38	eP	30 53.00	0.6
TPC	84.14	36	eP	30 57.00	0.7
PLM	84.53	37	eP	31 06.00	7.5X
BAR	85.21	37	eP	31 02.00	0.3
GLA	85.52	36	eP	31 04.00	0.8
ANMO	86.39	28	P	31 09.10	1.4
	1.5s		53.47nm		5.5mb
ALQ	86.40	28	P	31 09.40	1.6
	1.1s		15.25nm		5.1mb
ACO	86.58	22	iPd	31 09.70	1.3
BCAO	B6.65	273	iPd	31 09.10	0.1
	0.7s		75.00nm		6.0mb
			id	31 15.10	19km
			id	31 22.50	
FVM	86.99	15	P	31 10.60	0.2
	0.6s		7.32nm		5.1mb
RMQ	87.17	145	eP	31 17.00	5.9X
ELC	87.85	14	P	31 15.60	1.1
TUL	88.05	20	eP	31 16.00	0.5
	1.5s		41.60nm		5.5mb
Z	18s		0.71um		5.1Msz
			e	31 23.70	24km
			LR	03 11.00	
CVL	88.27	6	P	31 17.10	0.6
MEO	88.54	22	iPc	31 19.10	1.2
STK	90.01	153	eP	31 45.00	20.5X
	0.5s		1.80nm		
TKL	90.14	10	P	31 26.00	0.5
DZM	90.39	128	iPd	31 32.90	6.3X
KIC	98.44	293	P	32 03.60	0.0
BUL	100.47	250	iPdiff	32 11.90	-1.0
	0.7s		4.79nm		5.1mb
			i	32 17.30	
LPB	142.64	355	PKP	38 05.00	5.6X
SPA	143.71	180	iPKPc	38 02.00	2.6
	1.2s		42.25nm		
PPD	144.81	327	ePKP	38 01.50	-1.0
			e	38 07.00	
YJA	148.04	350	ePKP	38 03.20	-5.1X
SLA	150.56	350	ePKPc	38 17.50	5.7X

S.D. = 1.0 on 189 of 216 obs.

FEB 14, 1992 09h 13m 58.64± 0.58s
5.835 S ± 3.6km 149.200 E ± 4.5km
DEPTH = 116.4 ± 6.0 km
5.3mb (19 obs.)
NEW BRITAIN REGION, P.N.G. (192)

LAT	2.33	250	iPd	14 36.40	-0.3
YYYY	3.24	263	eP	14 53.50	4.6X
			eS	15 28.10	
RAB	3.38	61	iPc	14 50.30	-0.3
	0.4s		1186.44nm		
			iS	15 11.00	
MDG	3.45	280	eP	14 51.60	0.0
			eS	15 40.80	
PMG	4.09	210	iPc	14 59.90	-0.3
			eS	15 47.00	
MNDI	5.52	266	eP	15 36.00	16.0X
HNR	11.23	109	eP	16 37.00	0.0
QIS	17.35	212	iPc	17 54.50	-0.5
	0.5s		60.00nm		5.1mb
			eS	21 03.00	
MTN	19.13	247	iPd	18 14.90	-0.5
	0.5s		310.00nm		5.9mb
GUA	19.71	348	eP	18 22.40	1.0
	1.0s		264.00nm		5.5mb
GUMO	19.77	347	eP	18 22.60	0.6
	1.2s		137.30nm		5.2mb
PJG	19.77	347	eP	18 22.70	0.7
WB2	20.13	224	iPc	18 25.50	-0.2
	0.4s		124.20nm		5.6mb
			eS	22 05.20	
RMQ	20.54	181	iPc	18 30.70	0.8
	0.5s		63.00nm		5.2mb
			i	18 43.80	
QLP	21.17	192	e(P)	18 36.40	0.3
	0.8s		206.00nm		5.5mb
			i	18 54.00	
BRS	21.71	171	iPd	18 41.50	0.0
	1.0s		44.00nm		4.8mb
			i	18 50.00	
KNA	22.34	242	eP	18 48.00	0.3
	0.6s		200.00nm		5.7mb
ASPA	23.05	218	iPc	18 55.90	1.3
	0.4s		97.40nm		5.5mb
			i	19 00.00	
			e	19 15.60	
			eS	22 53.20	
			iScS	29 57.10	
DZM	23.21	136	iPc	18 56.60	0.4
ARMA	24.56	175	iPd	19 10.40	1.2
	0.5s		50.00nm		5.2mb
CMS	25.71	187	iPc	19 19.60	-0.2
	0.5s		30.00nm		5.1mb
STK	26.87	194	iPd	19 50.70	20.4X
	0.8s		15.00nm		
BWA	28.46	181	iPc	19 44.10	-0.6
CAN	29.34	180	iPc	19 52.40	-0.2
WARB	29.55	224	eP	19 55.00	0.4
ADE	30.57	197	eP	20 03.00	-0.4
TOO	31.77	186	iPd	20 14.30	0.4
	0.9s		118.00nm		5.6mb
BFD	31.78	190	iPc	20 14.00	0.1
	0.4s		60.00nm		5.7mb
FORR	31.81	216	eP	20 13.50	-0.7
MBL	32.27	239	iPd	20 18.00	-0.4
COOL	36.25	223	eP	20 52.40	0.0
MRWA	39.04	229	eP	21 16.00	0.3
NOZ	41.80	145	P	21 38.80	0.6
MNG	41.88	150	P	21 38.90	0.0
PGZ	42.28	149	eP	21 41.20	-0.9
MAT	43.39	347	eP	21 52.00	0.8
	1.2s		35.94nm		5.0mb
SSE	45.45	326	P	22 09.30	1.6
	1.0s		9.00nm		4.5mb
			i	22 34.00	
BJI	54.85	329	eP	23 19.00	0.0
	1.5s		20.00nm		4.9mb
CHG	55.24	298	eP	23 21.90	-0.3
LZH	59.53	318	eP	23 53.00	0.7
	1.4s		28.00nm		5.1mb
AFR	60.65	107	iP	24 24.10	24.1X
	1.2s		45.00nm		
PPT	60.85	107	iP	24 26.00	24.6X
	1.2s		45.00nm		
PAE	60.85	107	iP	24 25.80	24.5X
	1.2s		35.00nm		
TVO	61.17	107	iP	24 28.80	25.2X
	1.2s		90.00nm		
YAK	69.31	350	iPc	25 20.70	25.7X
	1.7s		64.00nm		
GUN	69.62	302	P	24 56.20	-1.8
PKI	69.91	302	P	24 59.20	-0.6
GKN	70.69	302	P	25 03.00	-1.3
FBA	84.19	22	eP	26 17.30	-0.5
SPA	84.20	180	iPd	26 19.40	1.3

0.8s 15.83nm 5.0mb
INK 90.71 21 eP 26 49.00 0.0
FHC 91.36 49 eP 26 50.07 -2.6
YKA 98.01 28 eP 27 47.50 25.0X
0.8s 0.40nm
KIC 154.08 273 PKP 34 02.90 24.3X
S.D. = 0.8 on 44 of 54 obs.

? FEB 14, 1992 09h 29m 28.36± 1.62s
10.618 S ±17.9km 120.500 E ±31.1km
DEPTH = 33.0km (normal)
4.1mb (4 obs.)
SUMBA REGION, INDONESIA (287)

WSI 0.96 348 ePd 29 45.30 -0.1
e 34 49.80
KNA 9.53 123 eP 31 46.00 -0.4
0.3s 4.00nm 5.2mb X
eS 33 30.00
MBL 10.50 183 eP 31 56.00 -3.8X
eS 33 49.00
MTN 10.64 103 eP 31 58.00 -3.7X
WB2 16.25 126 iPd 33 14.30 -1.6
0.3s 10.30nm 4.4mb
eS 36 05.00
WARB 16.54 160 eP 33 19.00 -0.5
0.3s 5.00nm 4.1mb
ASPA 18.21 137 iPd 33 41.80 1.4
1.0s 13.10nm 4.0mb
i 33 54.40
iS 36 58.30
OIS 20.87 121 iPd 34 11.50 1.3
0.3s 2.00nm 4.0mb
eS 37 34.00
S.D. = 1.5 on 6 of 8 obs.

? FEB 14, 1992 10h 00m 50.40± 2.82s
31.271 S ±19.4km 68.530 W ±43.9km
DEPTH = 124.6 ± 24.6 km
SAN JUAN PROVINCE, ARGENTINA (137)

ZON 0.30 205 eP 01 09.20 0.7
eS 01 21.20
RTCB 0.32 227 iPd 01 08.00 -0.6
S 01 19.80
CFA 0.42 144 iPc 01 08.50 -0.2
RFA 3.49 179 eP 01 44.10 0.0
CYA 3.69 41 iP 01 46.70 0.0
S 02 28.00
S.D. = 1.0 on 5 of 5 obs.

% FEB 14, 1992 10h 12m 56.69± 0.71s
39.103 N ± 6.1km 29.032 E ± 6.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST 0.59 328 iPg 13 08.00 -0.7
iSg 13 15.50
ALT 0.84 93 ePg 13 12.50 -0.5
KHL 0.87 154 iPg 13 13.60 0.2
iSg 13 24.10
KCT 1.26 336 iPn 13 20.40 0.3
eSg 13 37.40
IZI 1.28 15 iPn 13 20.20 -0.3
YLV 1.49 10 iPn 13 23.30 -0.2
BNT 1.52 326 ePn 13 24.30 0.4
EDC 1.54 324 ePn 13 24.00 -0.1
GPA 1.54 39 ePn 13 24.50 0.2
EYL 1.70 30 ePn 13 27.30 0.7
S.D. = 0.5 on 10 of 10 obs.

• FEB 14, 1992 11h 01m 19.95± 0.54s
53.862 N ± 8.6km 109.092 E ±11.1km
DEPTH = 33.0km (normal)
4.1mb (5 obs.)
LAKE BAYKAL REGION, RUSSIA (327)

IRK 3.30 243 eP 02 10.80 0.3
1.0s 209.00nm
ePg 02 19.00
e 02 47.20
iSg 03 01.20
LR 03 15.00
YAK 13.61 45 eP 04 33.80 1.1
1.7s 275.00nm 5.8mb X
e 08 03.00
i 08 24.00
e 13 31.00
e 16 42.00
BJI 14.64 158 eP 04 45.00 -1.3
Z 12s 0.72um
eLg 09 00.00
LZH 18.15 194 eP 05 30.00 -1.0
Z 10s 0.37um
GUN 31.03 223 P 07 38.20 1.2
KKN 31.38 223 P 07 41.00 1.0
GKN 31.45 225 P 07 41.80 1.2
IMA 45.15 35 eP 09 36.40 1.6
MBC 46.51 14 eP 09 45.00 -0.1
FBA 47.82 34 eP 09 56.40 0.7
0.9s 1.60nm 4.0mb
HFS 47.96 318 eP 09 55.20 -1.6
0.4s 1.10nm 4.2mb
NB2 48.37 320 P 10 00.10 0.1
0.9s 3.20nm 4.4mb
INK 49.71 26 eP 10 10.00 -0.1
GEC2 55.38 307 PKP 10 51.80 -1.1
0.9s 0.73nm 3.7mb
YKA 59.02 22 eP 11 16.20 -2.1
0.6s 0.80nm 4.0mb
S.D. = 1.3 on 15 of 15 obs.

? FEB 14, 1992 11h 16m 59.61± 1.02s
41.174 N ±10.1km 0.109 E ±13.0km
DEPTH = 10.0km (geophysicist)
SPAIN (377)
mbLg 2.4 (MDD).

EROO 0.42 147 iP 17 08.20 0.0
eS 17 13.50
EGRA 1.07 343 iP 17 19.40 -0.3
eS 17 36.00
ETOR 1.68 258 eP 17 28.90 -0.3
eS 17 49.00
ECRI 2.42 307 eP 17 40.50 0.5
eS 18 10.00
S.D. = 0.7 on 4 of 4 obs.

% FEB 14, 1992 11h 27m 45.11± 0.64s
43.102 N ± 7.8km 0.655 W ± 4.8km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
ML 1.0 (STR).

ATE 0.04 245 Pg 27 47.21 0.0
Sg 27 48.86
ESCF 0.06 112 Pg 27 47.34 -0.1
Sg 27 49.38
ISSF 0.13 234 Pg 27 48.49 0.2
Sg 27 51.24
MADF 0.13 290 Pg 27 48.23 0.0
Sg 27 50.94
OGE 0.15 63 Pg 27 48.62 0.1
LHE 0.19 173 Pg 27 49.32 -0.1
BOH 0.26 270 Pg 27 50.53 -0.2
S.D. = 0.1 on 7 of 7 obs.

FEB 14, 1992 11h 58m 40.58± 0.41s
45.790 N ± 4.0km 14.891 E ± 3.6km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 3.4 (ZAG), 3.4 (VIE), MD 3.4
(TRI). Felt (V) at Zuzemberk,
Slovenia.

CEY 0.33 261 iPgc 58 47.20 -0.2
i 58 48.30
iSg 58 51.30
i 58 52.60
LJU 0.36 316 ePgd 58 47.70 -0.2
eSg 58 52.20
i 58 53.10
V8Y 0.38 138 iPgd 58 47.90 -0.5
i 58 51.30
i 58 54.10
i 58 58.10
RIY 0.57 219 iPgd 58 51.40 -0.7
iSg 59 00.20
VOY 0.74 290 iPgc 58 54.50 -0.6
eSg 59 04.10
e 59 06.50
PTJ 0.75 81 iPgc 58 54.90 -0.5
iSg 59 04.80
ZAG 0.76 88 iPgd 58 55.30 -0.2
iSg 59 06.50
TRI 0.79 265 ePg 58 54.80 -1.2
iSg 59 06.60
FVI 1.67 299 P 59 11.50 1.5
eSg 59 32.80
KBA 1.68 321 iPnc 59 11.40 1.2
iPg 59 12.60
iSg 59 34.70
VVI 1.73 277 P 59 13.00 2.0
eSg 59 34.10
CTI 2.28 278 P 59 19.70 0.8
eSg 59 47.50
BHG 2.38 325 iPnc 59 22.50 2.3
VKA 2.66 21 iPgc 59 25.00 0.7
i 59 33.80
iSg 59 57.70
HVAR 2.84 156 iPn 59 28.00 1.2
ZST 2.84 31 iPn 59 26.00 -0.8
e 00 09.90
i(Sg) 00 14.00
SFI 2.86 230 P 59 27.60 0.6
OGA 2.89 293 ePn 59 30.70 3.0X
SOTA 2.92 301 iPnc 59 31.40 3.4X
iPg 59 35.60
iSg 00 13.60
CRE 3.01 225 P 59 31.20 1.9
eSn 00 07.00
SAL 3.06 268 P 59 31.00 1.1
SRO 3.10 48 iP 59 40.20 9.8X
i 59 52.40
i 00 06.80
i 00 24.20
KHC 3.46 346 eP 59 41.50 5.9X
Pg 59 47.40
eSg 00 36.50
BDI 3.50 242 P 59 37.30 1.0
eSn 00 16.60
MDI 3.62 272 P 59 38.60 0.7
WET 3.62 339 ePn 59 37.80 -0.1
PII 3.74 238 P 59 39.80 0.3
eSn 00 22.50
PRU 4.21 357 Pn 59 45.40 -0.8
Pg 59 59.80
e 00 46.50
Sg 00 56.50
VAI 4.28 273 Pd 59 47.30 0.1
eSn 00 34.30
GRF 4.62 329 e(Pn) 59 52.90 0.8
ePg 00 07.20
e(Sg) 01 07.60
ORO 4.84 271 P 59 53.70 -1.6
HOF 4.96 337 eP 59 55.70 -1.1
BRG 5.13 353 (Pg) 00 19.00 19.8X
eSg 01 26.00
PGF 5.33 235 Pn 00 01.90 -0.4
SBF 5.64 253 Pn 00 05.90 -0.7
Sn 01 08.50
LPG 5.72 270 Pn 00 08.70 0.9
LPL 5.73 270 Pn 00 08.50 0.6
BSF 5.92 293 Pn 00 10.10 -0.4
Sn 01 13.40
HAU 6.26 294 Pn 00 14.70 -0.5
Sn 01 22.60
FRF 6.29 252 Pn 00 14.50 -1.1
Sn 01 23.40
LMR 6.47 251 Pn 00 16.50 -1.7
Sn 01 26.30
LBF 7.64 283 Pn 00 33.60 -1.0
Sn 01 57.80
SMF 7.71 280 Pn 00 33.40 -2.2
LOR 7.75 285 Pn 00 36.20 0.0
Sn 02 00.20
AVF 8.06 281 Pn 00 39.10 -1.3
S.D. = 1.1 on 40 of 45 obs.

FEB 14, 1992 12h 02m 03.09± 0.27s
4.382 S ± 3.3km 146.338 E ± 6.0km
DEPTH = 41.5km (2 depth phases)
5.2mb (27 obs.) 5.2Msz (4 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)
Mo=1.3*10**18 Nm (PPT).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 30S, 63C
Centroid Location:
Origin Time 12:02: 2.9 0.3
Lat 4.32S 0.03 Lon 146.61E 0.03

Dep 25.4 3.0 Half-duration 2.5
Moment Tensor; Scale 10**17 Nm
Mrr= 0.06 0.06 Mtt=-2.14 0.08
Mff= 2.09 0.09 Mrt= 0.90 0.18
Mrf= 0.71 0.21 Mtf= 2.16 0.07
Principal Axes:
T Val= 3.31 Plg=17 Azm=294
N -0.16 70 82
P -3.15 10 201
Best Double Couple:Mo=3.2*10**17
NP1:Strike=337 Dip=70 Slip= 175
NP2: 69 85 20

MDG 1.03 213 iPd 02 22.00 0.8
YYYY 1.88 191 eP 02 34.80 1.3
eS 03 09.80
LAT 2.35 164 iPd 02 40.40 0.3
MNDI 3.20 236 iP 02 57.40 5.0X
eS 03 48.00
PMG 5.06 171 eP 03 17.00 -1.5
eS 04 19.00
RAB 5.82 88 eP 03 22.00 -7.2X
eSn 04 32.00
MENI 6.20 287 eP 03 31.40 -3.1X
e(S) 05 14.00
HNR 14.41 111 eP 05 22.00 -4.3X
MTN 17.22 240 eP 06 01.00 -1.3
0.6s 87.00nm 5.1mb
OIS 17.36 202 iPd 06 04.60 0.5
0.8s 35.00nm 4.5mb
e 09 46.00
GUMO 17.91 355 eP 06 06.00 -4.9X
Z 26s 3.88um
WB2 19.38 216 iPc 06 28.00 -0.6
0.7s 175.00nm 5.4mb
eS 10 06.60
KNA 20.64 236 iPc 06 41.00 -0.8
0.7s 61.00nm 5.1mb
RMO 22.10 174 eP 06 57.00 0.4
i 06 59.00 7kmX
QLP 22.17 185 iPc 06 57.80 0.6
0.8s 256.00nm 5.7mb
MNI 22.25 285 ePd 07 00.00 2.0
0.9s 7.50nm 4.1mb X
ASPA 22.62 211 iPd 07 02.50 0.8
0.6s 144.70nm 5.6mb
Z 22s 10.60um 5.2Msz
iS 11 13.80
DAV 23.65 299 ePd- 07 11.20 -0.5
BRS 23.69 166 iPc 07 12.00 -0.1
1.0s 21.00nm 4.6mb
i 07 27.00 64kmX
DZM 26.25 134 iPc 07 34.00 -2.5
ARMA 26.38 170 iPc 07 37.10 -0.5
0.6s 50.00nm 5.3mb
PCI 26.69 277 ePc 07 43.60 3.1X
e 10 41.50
CMS 26.97 181 eP 07 42.30 -0.5
0.5s 11.00nm 4.7mb
STK 27.72 189 iPd 08 10.00 20.3X
0.7s 24.70nm
WARB 28.73 219 eP 07 59.00 0.1
0.4s 36.00nm 5.4mb
BWA 29.95 177 eP 08 09.00 -0.8
CAN 30.88 176 eP 08 18.10 0.1
ADE 31.24 192 iPd 08 21.00 -0.2
0.7s 68.49nm 5.5mb
FORR 31.44 211 eP 08 22.00 -0.8
0.4s 31.00nm 5.5mb
KKM 31.81 289 ePc 08 27.00 0.5
BAG 32.80 310 eP 08 28.00 -7.1X
e 13 50.00
BFD 32.82 186 iPc 08 35.00 0.1
0.5s 34.00nm 5.5mb
TOO 33.04 181 iPc 08 37.20 0.4
1.0s 138.00nm 5.8mb
NANU 34.86 236 eP 08 52.00 -0.6
COOL 35.47 219 eP 08 57.20 -0.6
0.5s 18.00nm 5.3mb
MRWA 37.90 226 eP 09 19.00 0.8
KLB 38.11 221 eP 09 20.00 0.0
BAL 38.21 224 eP 09 20.40 -0.5
MUN 39.38 222 eP 09 30.50 -0.1
IIDJ 40.43 349 eP 09 38.50 -0.7
RKG 40.51 218 eP 09 40.50 0.6
KAKJ 40.78 352 eP 09 42.30 0.3
CHJJ 40.80 351 eP 09 42.60 0.4

TSRJ 40.88 347 eP 09 42.40 -0.4
MAT 41.41 350 (P) 09 46.00 -1.2
1.1s 20.25nm 4.8mb
eS 15 57.00
MTMJ 41.53 350 eP 09 49.80 1.5
NIIJ 41.97 351 eP 09 49.40 -2.3
SSE 42.67 327 P 10 01.50 3.9X
1.0s 9.00nm 4.5mb
Z 20s 5.00um 5.4Msz
N 15s 1.10um
E 16s 1.00um
pP 10 14.00 46km
sP 10 17.50
S 16 17.00
sS 16 39.00
IPM 46.13 281 ePc 10 25.10 -0.6
SNG 47.05 284 eP 10 33.00 0.1
LOE 49.06 297 eP 10 48.20 -0.4
NST 49.88 295 eP 10 59.00 4.2X
KHT 51.00 293 eP 11 03.60 0.2
BDT 51.44 296 eP 11 07.00 0.4
KMI 51.50 307 Pc 11 07.50 0.2
1.5s 200.00nm 5.9mb
Z 30s 3.30um 5.2MszX
N 13s 1.00um
E 10s 0.40um
S 18 30.00
CHG 52.04 298 ePc 11 11.30 0.0
1.5s 77.08nm 5.5mb
eS 18 36.00
BJI 52.18 331 eP 11 11.00 -0.9
1.5s 0.40nm 3.2mb X
Z 24s 2.56um 5.2MszX
N 20s 2.90um
eS 18 28.00
LZH 56.56 319 eP 11 42.50 -1.8
2.0s 71.00nm 5.4mb
Z 25s 2.92um 5.3MszX
E 15s 0.99um
pP 11 53.50 37km
eS 19 32.00
SHL 60.59 302 iPc 12 11.60 -0.9
iS 20 30.00
GUN 66.44 303 Pc 12 58.00 6.8X
IRK 66.72 333 eP 12 52.80 0.8
Z 18s 1.23um 5.2Msz
N 18s 0.78um
E 18s 0.84um
e 29 54.00
LR 37 06.00
PKI 66.72 302 Pc 12 52.00 -1.0
KKN 66.90 303 Pc 12 53.40 -0.6
DMN 66.99 302 Pc 12 54.00 -0.6
YAK 67.43 352 eP 12 53.00 -3.3X
1.2s 45.00nm 5.4mb
Z 25s 1.30um 5.1MszX
N 26s 1.20um
e 13 14.00 81kmX
i 21 54.00
GKN 67.51 303 Pc 12 57.20 -0.5
HYB 70.28 290 ePc 13 17.00 2.2
NDI 73.98 301 eP 13 35.00 -1.5
POO 74.89 290 iPc 13 43.60 1.6
ANM 77.41 19 eP 13 58.77 3.5X
PDB 79.01 26 eP 14 04.53 0.4
e 14 21.56 61kmX
SVW 79.05 25 eP 14 08.26 3.9X
1.5s 43.53nm 5.2mb
TTA 79.83 23 eP 14 12.22 3.6X
1.4s 23.27nm 5.0mb
PMR 82.04 26 eP 14 27.70 7.6X
Z 20s 1.00um 5.2Msz
IMA 82.29 21 eP 14 22.59 1.0
1.1s 10.10nm 4.8mb
OUE 83.05 301 eP 14 26.50 0.2
FBA 83.96 23 eP 14 30.15 0.2
1.2s 24.32nm 5.2mb
BALM 84.88 28 eP 14 34.87 0.1
SPA 85.65 180 iPc 14 39.10 0.5
1.0s 15.00nm 5.2mb
Z 17s 1.19um 5.4MszX
INK 90.40 21 eP 15 03.00 1.9
MBC 95.26 14 eP 15 29.00 5.7X
YKA 98.05 28 eP 15 36.40 0.2
1.1s 2.10nm 4.6mb
GEC2 120.21 326 PKP 20 59.70 8.2X
0.6s 0.94nm

BCAO 127.97 272 ePKPc 21 09.50 2.2
0.5s 4.00nm
id 23 20.90
LPB 140.12 122 PKP 21 32.00 1.4
KIC 151.14 275 PKP 21 52.92 4.6X
TIC 151.40 276 PKP 21 53.48 4.7X
LIC 151.43 275 PKP 21 53.42 4.6X
S.D. = 1.0 on 67 of 88 obs.

& FEB 14, 1992 12h 29m 58.08s
59.957 N 152.766 W
DEPTH = 107.4km
SOUTHERN ALASKA (2)
<AEIC>.

IVS 0.17 288 eP 30 13.58 1.5
INE 0.18 305 eP 30 12.89 0.9
S 30 24.66
INW 0.21 301 eP 30 12.87 0.9
eS 30 25.18
RED 0.46 360 iP 30 14.02 -0.7
S 30 26.09
RS1 0.50 0 iP 30 14.52 -0.6
S 30 26.75
RSO 0.51 1 iP 30 14.54 -0.6
iS 30 26.33
RS2 0.51 0 iP 30 14.56 -0.6
eS 30 26.22
RDW 0.53 358 eP 30 15.08 -0.2
REF 0.53 3 iP 30 14.72 -0.6
DFR 0.64 4 iP 30 15.25 -0.8
eS 30 28.53
RDT 0.64 16 iP 30 15.29 -0.8
iS 30 28.42
AUE 0.67 207 eP 30 15.07 -1.1
S 30 27.81
AUP 0.68 209 eP 30 15.84 -0.6
S 30 29.77
AUI 0.71 209 eP 30 15.83 -0.7
S 30 28.94
XLV 0.73 133 eP 30 16.25 -0.5
PDB 0.74 257 iP 30 15.85 -0.9
eS 30 29.06
NNL 0.74 83 iP 30 17.53 0.7
eS 30 31.36
CNPM 0.89 119 iP 30 18.01 -0.2
eS 30 33.73
BRLK 0.97 101 eP 30 18.99 -0.1
eS 30 34.45
MCNL 1.11 227 iP 30 19.50 -1.1
eS 30 35.83
CDD 1.12 204 iP 30 19.59 -1.1
S 30 36.32
BKG 1.14 12 eP 30 20.35 -0.7
CKL 1.26 9 iP 30 21.64 -0.8
eS 30 39.92
SPU 1.28 16 iP 30 21.68 -0.8
eS 30 40.26
CKN 1.30 13 eP 30 21.80 -1.0
eS 30 41.80
BGL 1.32 8 iP 30 22.53 -0.6
eS 30 42.24
CRP 1.35 13 iP 30 22.85 -0.6
eS 30 42.33
SLKM 1.38 65 eP 30 22.62 -1.1
eS 30 42.22
CGLM 1.41 15 eP 30 23.41 -0.7
NCG 1.48 11 eP 30 24.27 -0.8
S 30 44.06
SEW 1.67 84 eP 30 26.27 -0.9
eS 30 47.25
SUA 1.81 32 iP 30 28.64 -0.5
eS 30 52.30
SVW 1.82 311 P 30 26.81 -2.4
PMS 2.04 49 eP 30 31.39 -0.6
SKT 2.12 16 iP 30 31.85 -1.2
S 30 57.90
PWA 2.21 39 eP 30 33.33 -0.8
eS 31 01.04
KDC 2.22 176 P 30 31.76 -2.5
S 30 58.19
PLRM 2.42 46 eP 30 34.92 -2.0
eS 31 03.64
PMR 2.42 46 P 30 32.20 -4.8
LTI 2.47 86 eP 30 36.65 -1.0
MTU 2.57 87 eP 30 38.00 -1.0
S 31 07.86

14d 12h

```
KNK      2.57  54 eP     30 37.19  -1.9
                 iS     31 07.50
GHO      2.62  44 eP     30 37.79  -1.9
                 eS     31 08.45
CUT      2.74  25 eP     30 39.97  -1.2
                 S      31 12.79
SML      2.85  47 eP     30 40.90  -1.9
                 eS     31 12.86
FID      3.22  73 eP     30 45.78  -2.0
                 S      31 20.83
VZW      3.27  68 eP     30 47.64  -0.7
MID      3.30  96 eP     30 47.91  -0.9
TTA      3.37 334 P      30 46.21  -3.6
HUR      3.38  25 eP     30 49.18  -0.8
KLU      3.70  62 eP     30 52.04  -2.3
                 eS     31 32.23
TRF      3.70  18 eP     30 53.04  -1.4
KTH      3.71  13 eP     30 52.67  -1.8
SGAM     3.81  78 eP     30 53.47  -2.3
                 eS     31 37.74
TOA      3.86  53 eP     30 55.16  -1.4
RND      3.93  27 eP     30 55.98  -1.5
TZL      4.14  56 eP     30 58.46  -1.8
MCK      4.20  24 eP     30 59.61  -1.5
SDG      4.34  50 eP     31 02.73  -0.3
BWN      4.51  19 eP     31 03.93  -1.3
PAX      4.62  46 eP     31 05.48  -1.5
GLB      4.65  67 eP     31 06.04  -1.2
CROM     4.85  76 eP     31 07.85  -2.3
NEA      4.95  19 eP     31 08.60  -2.7
TGL      5.00  76 eP     31 10.48  -1.7
MLY      5.18  10 eP     31 12.78  -1.8
HDA      5.23  29 eP     31 12.83  -2.4
CCB      5.24  24 eP     31 12.80  -2.6
BALM     5.26  74 eP     31 14.28  -1.6
MDM      5.44  21 eP     31 15.73  -2.5
FBA      5.47  23 P      31 15.59  -3.0
                 S      32 15.39
YAH      5.52  81 eP     31 18.37  -1.1
GLM      5.63  24 eP     31 18.23  -2.6
CTGM     5.75  75 eP     31 21.53  -1.0
IMA      6.15 357 P      31 25.05  -3.0
        75 obs. associated
-----------------------------------------
?  FEB  14, 1992  12h 44m 40.73± 3.66s
   41.590 N ± 8.6km   22.331 E ±31.5km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION        (383)
      ML 2.0 (SKO).

VAY      0.32 146 iPg    44 47.30  -0.1
                 iSg    44 53.20
MMB      1.05  90 iPg    45 00.00  -0.5
VTS      1.19  33 iPg    45 03.00  -0.1
PGB      1.67  54 iP     45 10.00  -0.2
RZN      1.79  86 eP     45 13.00   0.9
     S.D. = 0.8  on   5 of   5 obs.
-----------------------------------------
%  FEB  14, 1992  12h 57m 17.78± 1.14s
   40.871 N ± 6.5km   22.949 E ± 9.6km
   DEPTH =  10.0km  (geophysicist)
 GREECE                            (364)
      MD 1.5 (THE).

THE      0.24 177 ePg    57 22.51  -0.4
                 eSg    57 25.55
KNT      0.29 352 ePg    57 24.07   0.2
                 eSg    57 28.32
SOH      0.31  99 ePg    57 24.07  -0.2
                 eSg    57 28.67
SRS      0.55  63 ePg    57 28.48  -0.3
                 eSg    57 35.32
OUR      0.95 124 ePg    57 36.60   0.7
     S.D. = 0.6  on   5 of   5 obs.
-----------------------------------------
?  FEB  14, 1992  13h 12m 35.34± 0.75s
    3.855 S ±25.2km  119.673 E ±23.7km
   DEPTH =  33.0km  (normal)
   4.3mb (  1 obs.)
 SULAWESI, INDONESIA               (268)

WRA     21.45 139 P      17 23.20   0.1
        0.9s     0.30nm          2.7mb X
CHG     30.40 319 eP     18 47.80   0.8
GUN     45.35 316 P      20 51.80  -1.1
        0.8s    42.00nm          5.4mb X
PKI     45.47 315 P      20 53.80   0.0
KKN     45.70 316 P      20 55.00  -0.5
        0.9s    26.00nm          5.2mb X
DMN     45.71 315 P      20 56.20   0.6
GKN     46.28 315 P      21 00.20   0.2
FBA     94.54  25 eP     25 54.00   0.5
        1.0s     1.20nm          4.3mb
INK     99.74  21 eP     26 16.50  -0.6
YKA    109.25  24 ePdiff27 04.60   5.2X
        0.8s     1.40nm
     S.D. = 0.7  on   9 of  10 obs.
-----------------------------------------
?  FEB  14, 1992  13h 13m 32.54± 0.94s
   45.863 N ±10.5km   14.987 E ± 6.6km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION        (383)

LJU      0.36 300 ePg    13 40.00   0.0
                 iSg    13 45.50
VBY      0.41 152 e(Pg)  13 40.80   0.0
                 iSg    13 47.20
CEY      0.41 253 eP     13 41.00   0.0
                 iSg    13 45.00
PTJ      0.68  87 e(Pg)  13 46.10   0.0
                 iSg    13 57.30
     S.D. = 0.1  on   4 of   4 obs.
-----------------------------------------
*  FEB  14, 1992  13h 24m 38.27± 0.97s
   15.358 N ± 8.8km   61.441 W ±26.2km
   DEPTH =  10.0km  (geophysicist)
 LEEWARD ISLANDS                   ( 92)
      ML 2.1 (FDF).

BBL      0.17 348 iPc    24 42.17   0.1
                 S      24 45.80
MGG      0.57  12 eP     24 49.78   0.0
                 S      24 59.10
FDF      0.68 156 eP     24 51.91   0.1
        0.1s     0.22nm
                 S      25 02.10
PAG      0.71 341 eP     24 52.20   0.0
BIM      0.91 157 eP     24 55.59  -0.1
                 S      25 08.50
     S.D. = 0.1  on   5 of   5 obs.
-----------------------------------------
?  FEB  14, 1992  14h 16m 06.83± 1.80s
   20.053 S ±63.0km  172.597 W ±32.0km
   DEPTH =  33.0km  (normal)
   4.9mb (  5 obs.)
 TONGA ISLANDS REGION              (174)

DZM     19.66 260 iPd    20 36.10  -0.1
ASPA    49.55 256 iPc    24 57.10   0.2
        1.0s    17.80nm          5.1mb
WB2     49.67 260 iPc    24 56.30  -1.5
        0.7s    10.40nm          5.0mb
                 e      25 08.70
TNP     77.75  42 eP     28 02.05  -0.5
        1.0s     5.68nm          4.6mb
MSU     81.22  44 eP     28 22.52   1.3
SRU     82.62  44 eP     28 28.82   0.3
PNT     83.53  32 eP     28 33.00   0.3
FBA     86.81  10 ePd    28 47.56  -1.1
        1.0s    19.75nm          5.3mb
SES     88.58  34 eP     28 58.00   0.5
BJI     89.21 313 eP     29 02.00   1.4
INK     92.58  14 eP     29 15.00  -0.6
YKA     94.04  23 eP     29 20.70  -1.8
        1.0s     0.90nm          4.2mb
CHTO    94.89 288 eP     29 29.00   1.7
KSP    148.48 349 ePKP   35 52.70   4.9X
CLL    148.50 353 ePKP   35 52.00   4.2X
        1.6s    21.00nm
BRG    148.81 352 e(PKP)35 53.60   5.2X
KHC    150.57 352 PKP    35 58.40   7.3X
        1.3s     9.00nm
                 e      36 03.50
                 e      36 21.00
GEC2   150.83 351 PKP    35 56.60   5.0X
        1.0s     2.35nm
ZST    150.85 347 ePKP   36 04.30  12.8X
                 e      53 46.50
     S.D. = 1.2  on  13 of  19 obs.
-----------------------------------------
%  FEB  14, 1992  14h 20m 40.23± 0.64s
   38.019 N ± 7.8km   14.500 E ± 4.5km
   DEPTH =  10.0km  (geophysicist)
 SICILY                            (398)

MNO      0.18 120 Pc     20 44.10  -0.2
                 eSg    20 47.70
GIB      0.37 266 Pc     20 47.90  -0.1
                 eSg    20 53.80
ATN      0.77  79 P      20 55.60   0.3
                 eSg    21 08.60
MCT      0.79 241 P      20 55.90   0.2
MEU      0.98 159 P      20 58.70  -0.2
                 eSg    21 12.90
SOI      1.23  87 P      21 03.40   0.3
                 eSn    21 20.90
TDS      2.18  41 P      21 16.60  -0.4
     S.D. = 0.4  on   7 of   7 obs.
-----------------------------------------
?  FEB  14, 1992  14h 22m 09.22± 4.81s
   16.237 S ±18.9km  179.694 W ±38.6km
   DEPTH =  33.0km  (normal)
 FIJI ISLANDS REGION               (181)
      MD 4.1 (SVA).

UDU      0.29 287 iP     22 17.00   0.1
TVI      0.76 206 iPc    22 24.00   0.4
                 eS     22 36.10
NDE      1.01 250 eP     22 26.20  -1.0
                 eS     22 41.10
KRO      1.38 219 eP     22 31.60  -0.8
                 eS     22 52.00
MBU      1.69 244 eP     22 38.10   1.3
                 eS     22 58.90
VUN      2.49 225 eP     22 48.10  -0.2
                 eS     23 15.80
SVA      2.57 223 eP     22 49.30  -0.1
SGE      2.65 239 eP     22 51.50   0.9
                 eS     23 16.40
YSA      2.66 260 eP     22 50.30  -0.4
     S.D. = 0.9  on   9 of   9 obs.
-----------------------------------------
?  FEB  14, 1992  14h 56m 23.06± 2.36s
   18.179 N ±15.6km   67.145 W ±19.8km
   DEPTH =  33.0km  (normal)
 MONA PASSAGE                      ( 89)

MEP      0.16 102 P      56 30.20   0.9
MGP      0.18 163 P      56 29.00  -0.4
APR      0.48  55 P      56 33.60   0.2
PORP     0.50 104 P      56 34.00   0.3
CLLP     0.55 100 P      56 35.00   0.6
SJG      0.95  94 iP     56 40.00  -0.1
CPD      1.18  97 P      56 42.50  -0.8
LPR      1.22  84 P      56 43.00  -0.9
                 S      57 15.00
     S.D. = 0.8  on   8 of   8 obs.
-----------------------------------------
?  FEB  14, 1992  14h 57m 39.27± 1.36s
    5.186 S ±30.4km  103.920 E ±34.4km
   DEPTH =  33.0km  (normal)
   4.3mb (  3 obs.)
 SOUTHERN SUMATERA, INDONESIA      (274)

CHG     24.35 349 eP     02 57.60   2.1
WB2     33.04 119 eP     04 14.40   0.4
        0.6s     2.20nm          4.2mb
ASPA    34.23 125 eP     04 24.30   0.0
        1.3s     3.40nm          4.1mb
PKI     37.15 332 P      04 49.00  -0.4
GUN     37.23 333 P      04 50.20   0.2
        0.5s    10.00nm          4.9mb
DMN     37.32 332 P      04 51.00   0.2
KKN     37.40 332 P      04 50.80  -0.5
GKN     37.88 332 P      04 54.80  -0.5
STK     44.12 132 eP     06 07.70  21.2X
        0.7s     1.10nm
BJI     46.40  13 eP     06 03.00  -1.4
     S.D. = 1.1  on   9 of  10 obs.
-----------------------------------------
%  FEB  14, 1992  15h 03m 59.48± 1.79s
   16.059 N ±17.3km   97.188 W ± 9.0km
   DEPTH =  33.0km  (normal)
 OAXACA, MEXICO                    ( 60)

VHO      1.10  23 iP     04 18.00  -0.7
                 iS     04 33.00
OXX      1.11  24 iP     04 18.00  -1.0
                 iS     04 33.50
PBJ      1.75  77 iP     04 28.50   0.5
                 iS     04 49.00
ACX      2.69 288 eP     04 41.00  -0.3
```

(S) 05 05.00
IISM 2.92 356 iP 04 46.00 1.4
IIT 3.13 340 eP 04 48.50 0.6
iS 05 24.00
PPM 3.29 336 eP 04 50.00 -0.4
(S) 05 27.00
LVVM 3.73 11 (P) 05 03.00 6.9X
(S) 05 45.00
S.D. = 1.0 on 7 of 8 obs.

? FEB 14, 1992 15h 06m 44.82± 2.99s
16.776 N ±20.6km 61.150 W ±25.8km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)
ML 2.5 (FDF).

DEG 0.47 169 eP 06 54.90 -0.1
BPA 0.73 292 eP 06 58.56 -0.1
S 07 08.40
MGG 0.87 191 eP 07 01.02 0.4
PAG 0.90 214 eP 07 00.80 -0.4
S 07 13.40
MGH 1.02 267 eP 07 03.10 0.2
S.D. = 0.4 on 5 of 5 obs.

FEB 14, 1992 16h 10m 38.02± 0.22s
15.980 S ± 5.9km 166.556 E ± 5.8km
DEPTH = 20.5km (3 depth phases)
5.3mb (21 obs.)
VANUATU ISLANDS (186)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 20S, 30C
Centroid Location:
Origin Time 16:10:43.0 1.1
Lat 15.87S 0.13 Lon 166.40E 0.10
Dep 31.8 8.0 Half-duration 1.5
Moment Tensor; Scale 10**16 Nm
Mrr= 3.85 0.41 Mtt= 0.93 0.66
Mff=-4.78 0.61 Mrt= 1.50 0.95
Mrf= 1.04 1.00 Mtf= 0.84 0.45
Principal Axes:
T Val= 4.66 Plg=66 Azm=341
N 0.32 23 176
P -4.98 6 83
Best Double Couple:Mo=4.8*10**16
NP1:Strike=150 Dip=44 Slip= 55
NP2: 13 55 119

PVC 2.43 136 iPc 11 17.70 0.5
iS 11 45.50
DZM 6.06 181 iPd 12 06.10 -2.7
iS 13 13.00
HNR 9.16 314 eP 12 51.00 -1.1
eS 13 35.00
RAB 18.36 308 e(P) 14 53.00 -0.3
RMQ 19.59 235 iPd 15 09.60 1.6
1.0s 60.00nm 4.8mb
i 15 19.00 39kmX
ARMA 19.84 221 iPc 15 17.00 6.3X
1.0s 64.00nm 4.9mb
PMG 20.01 287 eP 15 12.80 0.3
eS 15 50.00
OLP 23.28 239 eP 15 46.00 0.6
CMS 24.39 227 iPc 15 57.00 0.9
0.7s 72.00nm 5.4mb
BWA 24.56 218 eP 15 58.70 1.0
i 16 08.10 34kmX
CNB 24.64 215 eP 16 02.10 3.5X
0.8s 2.10nm 3.8mb X
CAN 24.85 216 eP 16 04.50 3.9X
i 16 29.50 118kmX
OIS 25.98 256 iPc 16 11.30 0.0
1.3s 45.00nm 5.0mb
STK 27.67 231 iPc 16 47.90 21.2X
0.8s 7.50nm
TOO 28.44 217 iPc 16 39.00 5.4X
0.9s 37.00nm 5.1mb
BFD 29.96 221 eP 16 54.00 6.8X
WB2 30.86 258 iPc 16 53.70 -1.6
0.7s 20.10nm 5.1mb
ASPA 31.60 251 iPc 17 01.20 -0.7
0.9s 63.10nm 5.5mb
Z 22s 0.50um 4.1Msz
e 19 53.00
iS 22 07.50
KNA 36.32 265 iPc 17 41.50 -1.0

0.8s 81.00nm 5.7mb
FORR 38.06 240 eP 17 57.00 0.0
WARB 38.47 248 eP 18 00.20 -0.3
COOL 43.92 242 eP 18 45.00 -0.4
MNI 44.69 289 ePc 18 52.50 0.8
RKG 47.97 238 eP 19 17.00 -0.4
MRWA 48.16 245 eP 19 18.50 -0.5
MUN 48.26 241 eP 19 19.50 -0.2
PCI 48.42 283 ePc 19 24.00 2.8X
e 21 39.00
NANU 48.43 254 eP 19 21.40 0.3
0.6s 37.00nm 5.6mb
KKM 54.42 290 ePd 20 07.00 0.5
BAG 55.62 303 eP 20 14.30 -1.0
MAT 58.70 333 eP 20 35.00 -1.6
1.0s 22.00nm 5.2mb
SSE 63.96 317 P 21 11.80 -0.3
1.0s 9.00nm 4.9mb
IPM 67.95 282 ePd 21 37.60 -0.5
0.9s 32.20nm 5.5mb
BJI 72.81 322 eP 22 08.00 0.9
1.1s 33.00nm 5.3mb
E 12s 0.39um
e 22 14.50 21km
KMI 74.38 302 Pc 22 18.00 1.1
1.5s 60.00nm 5.4mb
pP 22 29.50 38kmX
sP 22 36.00
CHG 74.97 295 eP 22 21.00 0.9
1.3s 19.23nm 5.0mb
LZH 78.65 313 eP 22 42.00 1.4
1.5s 85.00nm 5.6mb
pP 22 49.00 22km
PDB 81.91 19 P 22 55.90 -1.3
SVW 82.54 17 eP 23 01.40 0.9
RSO 82.89 19 P 22 58.60 -3.9X
YAK 83.00 343 iPc 23 02.30 -0.4
1.0s 75.00nm 5.8mb
SLKM 83.74 20 P 23 05.50 -1.1
TTA 83.91 16 eP 23 08.40 0.9
PMR 84.90 20 eP 23 12.70 0.4
1.4s 80.90nm 5.8mb
KLU 85.90 21 P 23 15.50 -2.0
IRK 86.59 327 eP 23 20.90 -0.1
2.0s 33.00nm 5.2mb
IMA 87.03 15 eP 23 23.10 0.1
1.3s 22.10nm 5.2mb
FBA 87.75 18 eP 23 25.20 -1.1
pP 23 31.10 18km
GUN 89.40 299 P 23 35.80 0.4
PKI 89.69 299 P 23 36.60 -0.2
KKN 89.86 299 P 23 37.40 0.0
DMN 89.95 299 P 23 38.20 0.3
GKN 90.47 299 P 23 40.00 -0.2
PNT 91.81 39 eP 23 47.00 1.4
INK 94.29 19 eP 24 02.00 5.4X
YKA 98.97 27 eP 24 15.60 -2.3
0.9s 6.10nm 5.2mb
KEV 120.75 345 ePKP 29 39.00 9.5X
BUL 125.26 230 iPKPc 29 39.00 -0.9
KAF 126.10 338 iPKP 29 39.60 -0.5
0.7s 5.50nm
PPD 127.05 134 (PKP) 29 43.00 -0.1
NUR 127.76 337 ePKP 29 43.20 0.0
0.8s 0.60nm
APO 131.31 342 ePKP 29 48.50 -1.5
0.5s 1.60nm
NB2 131.64 344 PKP 29 50.80 0.1
0.7s 3.00nm
KSP 137.82 332 ePKP 30 02.60 -0.1
BRG 138.83 334 ePKP 30 05.20 0.7
1.2s 11.00nm
CLL 138.90 335 ePKP 30 04.00 -0.6
1.8s 26.00nm
KHC 140.27 332 PKP 30 09.40 2.1X
1.0s 5.40nm
e 30 26.50
GEC2 140.43 332 PKP 30 09.30 1.7
0.8s 2.49nm
GRF 140.87 335 ePKP 30 10.00 1.7
CDF 143.46 337 iPKPc 30 11.10 -1.8
FEL 143.61 335 PKP 30 10.35 -2.9
BSF 144.12 337 iPKPc 30 13.50 -0.6
HAU 144.14 337 ePKP 30 13.20 -0.8
LOMF 144.50 336 PKP 30 13.08 -1.7
ORI 144.62 319 PKP 30 14.60 -0.5
ROI 144.82 318 PKP 30 14.90 -0.6

SFI 144.84 328 PKPc 30 15.60 0.4
VAI 144.88 333 PKPc 30 14.20 -1.0
CSI 144.89 318 PKP 30 14.60 -1.0
TDS 144.92 318 PKPc 30 15.40 -0.2
SGO 145.05 320 PKPc 30 15.00 -0.7
CZI 145.30 318 PKP 30 15.10 -1.1
BDI 145.37 329 PKP 30 13.60 -2.7
ORX 145.40 333 PKP 30 15.12 -1.3
BOB 145.41 331 PKPc 30 16.50 0.1
ORO 145.41 333 PKPc 30 15.80 -0.6
FLN 145.62 345 ePKP 30 16.50 0.0
0.9s 52.40nm
LOR 145.66 339 iPKPc 30 17.00 0.4
1.0s 60.00nm
LDF 145.69 344 iPKPc 30 16.70 0.1
0.9s 47.50nm
LBF 145.87 339 iPKPc 30 17.70 0.7
1.1s 74.50nm
LSD 145.90 334 PKP 30 18.40 1.0
SSF 145.96 339 iPKPc 30 18.30 1.2
SOI 145.97 316 PKPc 30 18.40 1.0
PCP 146.00 331 PKP 30 17.17 -0.2
LPL 146.03 334 iPKPc 30 18.70 1.1
1.1s 30.50nm
LPG 146.04 334 iPKPc 30 18.80 1.1
1.1s 37.85nm
GRR 146.07 345 iPKPc 30 18.30 1.1
1.1s 124.55nm
RSP 146.10 333 PKP 30 18.30 0.7
SMF 146.21 338 ePKP 30 18.70 1.2
1.1s 29.30nm
AVF 146.25 339 ePKP 30 18.70 1.1
0.9s 19.65nm
BHB 146.34 333 PKP 30 17.17 -0.7
FIN 146.41 331 PKP 30 18.30 0.3
BNI 146.43 334 PKPc 30 19.90 1.8
LPF 146.44 345 PKPc 30 19.50 1.7
0.9s 34.40nm
RRL 146.49 334 PKP 30 19.53 1.2
ROB 146.50 332 PKP 30 18.61 0.4
BCAO 146.56 253 iPKPc 30 20.40 1.3
0.5s 58.00nm
BGF 146.63 339 iPKPc 30 19.80 1.6
0.9s 27.05nm
PZZ 146.68 333 PKP 30 18.71 0.2
ENR 146.75 332 PKP 30 18.51 -0.1
STV 146.78 332 PKP 30 18.30 -0.3
IMI 146.79 331 PKP 30 19.53 0.9
PLDF 146.86 338 PKP 30 20.48 1.8
AGO 146.97 339 PKP 30 21.23 2.4X
MAF 147.01 339 iPKPc 30 21.20 2.4X
1.0s 34.00nm
SBF 147.03 332 ePKP 30 20.70 1.7
0.9s 52.40nm
TCF 147.07 340 iPKPc 30 21.30 2.3X
1.0s 37.00nm
PYM 147.27 338 PKP 30 21.89 2.5X
PGF 147.27 329 iPKPc 30 21.70 2.2X
0.9s 37.65nm
LSF 147.33 341 ePKP 30 21.70 2.4X
0.9s 31.10nm
MFF 147.52 343 iPKPc 30 22.50 2.9X
0.9s 44.20nm
FRF 147.62 332 iPKPc 30 22.40 2.5X
0.9s 39.30nm
LBL 147.63 338 PKP 30 23.33 3.4X
LRG 147.83 332 iPKPc 30 23.20 3.0X
0.9s 26.20nm
LMR 147.86 332 iPKPc 30 23.20 2.9X
1.0s 40.00nm
RJF 148.17 340 ePKP 30 24.30 3.6X
1.1s 34.20nm
CAF 148.32 339 ePKP 30 24.80 3.8X
1.1s 24.40nm
LFF 148.75 340 iPKPc 30 25.80 4.2X
0.8s 20.15nm
LPO 148.83 340 ePKP 30 26.10 4.3X
0.9s 32.75nm
EPF 150.58 339 iPKPc 30 31.60 7.0X
0.9s 16.40nm
BTH 150.68 340 iPKPd 30 31.00 6.4X
e 30 40.00
e 30 49.00
S.D. = 1.1 on 103 of 131 obs.

FEB 14, 1992 16h 30m 00.64± 0.40s
39.029 N ± 4.9km 35.775 E ± 4.7km

14d 16h

```
   DEPTH =  10.0km  (geophysicist)
   3.9mb (  3 obs )
 TURKEY                                   (366)
      Felt at Kayseri.

CTK      1.81 337 eP     30 34.00   1.8
ADAT     1.99 190 ePn    30 36.20   1.5
                  iSg    31 08.40
KVT      2.06   6 iPn    30 37.30   1.6
GAZ      2.17 148 ePn    30 37.80   0.5
BBTK     2.47 290 iPc    30 43.00   1.3
                  iS     31 13.00
KAS      2.80 327 ePn    30 47.20   0.8
                  iSg    31 37.00
FAM      4.27 200 eP     31 08.30   1.2
GPA      4.40 288 iPn    31 09.90   0.8
CSS      4.51 206 eP     31 10.00  -0.5
EYL      4.59 291 iPn    31 12.10   0.3
PPCY     4.96 215 eP     31 18.80   1.8
HRT      5.02 293 iPn    31 18.10   0.2
IZI      5.03 287 iPn    31 17.00  -1.1
BHL      5.12 181 Pn     31 18.00  -1.2
                  Sn     32 40.00
YLV      5.16 289 iPn    31 19.50  -0.4
ELL      5.17 246 iPn    31 21.00   1.0
DST      5.57 278 ePn    31 23.80  -1.9
ITU      5.59 294 eP     31 26.00   0.2
BNT      6.20 285 ePn    31 33.50  -1.0
MSL      6.41 112 iPnc   32 03.20  25.7X
                  eP*    32 14.30
                  ePg    32 25.50
                  eSn    33 05.20
                  iS*    33 24.00
                  iLg    33 29.50
                  iSg    33 36.50
DMK      6.72 297 ePn    31 41.30  -0.5
EZN      7.36 279 eP     31 49.80  -0.9
VRI      9.56 319 eP     32 20.00  -1.3
MLR      9.73 315 eP     32 16.00  -7.8X
CVO      9.82 317 eP     32 15.00  -9.9X
ZST     16.30 310 e(P)   33 55.40   4.4X
GEC2    18.62 309 ePd    34 19.90  -0.2
        0.7s      1 19nm          3.2mb X
PRU     18.62 313 eP     34 20.80   0.8
KHC     18.81 310 eP     34 28.90   6.5X
MAIO    18.96  91 eP     34 26.00   1.6
HFS     25.29 334 eP     35 29.70   1.4
        0.4s      1.60nm          4.1mb
NB2     26.79 333 P      35 46.90   4.5X
        0.8s      2.10nm          3.9mb
GKN     41.75  90 P      37 51.20  -0.6
DMN     42.31  90 P      37 55.80  -0.7
KKN     42.36  90 P      37 56.40  -0.4
PKI     42.56  90 P      37 57.60  -1.1
GUN     42.77  89 P      37 59.40  -1.0
KIC     48.89 239 P      38 47.00  -1.6
YKA     76.05 346 eP     41 47.10  -2.4
        0.6s      0.60nm          3.9mb
      S.D. = 1.2  on  33 of  39 obs.
-----------------------------------------
   FEB  14, 1992  16h 32m 35.92± 0.29s
    7.644 S ± 4.3km  146.835 E ± 6.5km
   DEPTH =  13.1km  (  2 depth phases)
   5.3mb ( 25 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)
      ML 5.7 (PMG).
      CENTROID, MOMENT TENSOR     (HRV)
      Data Used: GDSN
      L.P.B.: 19S. 29C
      Centroid Location:
      Origin Time        16:32:38.2 1.3
      Lat  7.70S 0.10 Lon 146.94E 0.09
      Dep  26.7 6.1 Half-duration  1.3
      Moment Tensor;   Scale 10**16 Nm
        Mrr=-5.56 0.39  Mtt= 5.59 0.55
        Mff=-0.03 0.67  Mrt=-1.97 1.81
        Mrf=-6.10 1.57  Mtf=-1.76 0.42
       Principal Axes:
        T  Val=  6.10  Plg= 2  Azm=194
        N        3.82      34      102
        P       -9.93      56      287
      Best Double Couple:Mo=8.0*10**16
       NP1:Strike=314 Dip=52 Slip= -45
       NP2:         75      56      -132

LAT      1.00   9 iPc    32 55.10   0.6
YYYY     1.64 328 eP     33 07.30   2.7
                  eS     33 30.20
PMG      1.78 170 iPc-   33 07.80   1.2
                  eS     33 34.00
MDG      2.60 336 eP     33 20.50   2.2
MNDI     3.48 295 iP     33 33.80   2.7
RAB      6.32  57 eP     34 12.00   1.0
MENI     8.18 308 ePd    34 39.20   2.1
        0.6s     18.00nm          5.5mb
HNR     13.09  99 eP     35 48.00   3.8X
OIS     14.62 208 iPd    36 04.20  -0.2
        0.6s     22.00nm          4.9mb
                  eS     38 42.00
MTN     16.29 250 eP     36 24.00  -2.1
WB2     17.20 223 iPc    36 37.50  -0.1
        0.5s     59.40nm          5.0mb
                  eS     39 32.80
RMO     18.83 175 iPc    36 59.90   2.2
        1.0s     69.00nm          4.8mb
                  i      37 03.00
QLP     19.00 187 iPd    37 01.00   1.2
                  i      37 04.00
KNA     19.43 244 eP     37 03.00  -2.1
        0.8s    257.00nm          5.5mb
ASPA    20.19 216 iPd    37 12.70  -0.6
        1.3s    131.30nm          5.1mb
      Z  22s      1.70um          4.4Msz
                  iS     40 50.30
BRS     20.43 165 iPc    37 15.00  -0.7
        1.0s     17.50nm          4.4mb
                  i      37 37.00 115kmX
GUA     21.13 355 eP     37 24.70   1.7
GUMO    21.18 355 eP     37 25.30   1.8
        1.1s    273.70nm          5.6mb
      Z  27s      0.96um          4.1MszX
PJG     21.18 355 eP     37 25.50   2.0
ARMA    23.10 169 iPc    37 44.90   2.3
        0.9s     56.00nm          5.1mb
DZM     23.72 129 iPc    37 49.00   0.3
MNI     23.72 291 ePd    37 50.00   1.3
CMS     23.74 182 eP     37 51.00   2.3
        0.5s     11.00nm          4.7mb
WARB    26.63 224 eP     38 15.00  -1.2
        0.5s     13.00nm          4.9mb
BWA     26.69 177 eP     38 16.00  -0.7
CAN     27.62 176 eP     38 27.20   2.1
PCI     27.73 283 ePd    38 28.50   2.2
                  e      41 40.00
ADE     28.20 194 eP     38 32.00   1.6
BFD     29.66 187 eP     38 55.50  12.1X
TOO     29.82 182 iPc    38 44.00  -0.9
KAKJ    44.06 352 P      40 45.20   0.0
CHJJ    44.08 351 P      40 45.00  -0.4
MAT     44.69 350 eP     40 49.00  -1.4
        1.3s     30.77nm          5.0mb
                  eS     47 19.00
NIIJ    45.25 351 P      40 52.50  -2.3
SSE     45.68 329 P      40 58.50   0.2
        1.5s     46.00nm          5.2mb
YAMJ    46.02 353 eP     41 01.50   0.6
OFUJ    46.73 354 eP     41 09.80   3.3X
IPM     47.29 283 ePd    41 10.00  -1.4
        0.7s     71.20nm          5.9mb
SNG     48.38 287 eP     41 19.00  -0.9
KUSJ    50.54 358 eP     41 39.00   3.1X
CHG     54.04 300 ePd    42 02.00  -0.6
        0.9s     14.71nm          5.0mb
BJI     55.25 332 eP     42 10.00  -1.1
        2.0s    102.00nm          5.5mb
      Z  20s      0.36um          4.4Msz
LZH     59.35 320 Pd     42 40.50   0.1
        1.5s    113.00nm          5.8mb
      Z  18s      0.31um          4.5Msz
                  pP     42 49.50  29kmX
                  sP     42 55.00
SHL     62.78 304 iPd    43 02.80  -1.1
        1.1s     37.97nm          5.5mb
                  eS     51 34.00
GUN     68.63 304 P      43 41.00  -0.7
PKI     68.90 303 P      43 42.20  -1.1
KKN     69.08 303 P      43 43.20  -1.1
DMN     69.16 303 P      43 44.20  -0.6
GKN     69.69 303 P      43 47.20  -0.7
IRK     69.84 334 eP     43 47.30  -0.8
        1.5s     20.00nm          5.0mb
                  e      44 12.50  98kmX
                  e      44 45.10
YAK     70.71 352 iPc    43 51.70  -1.5
        1.7s     70.00nm          5.5mb
                  e      53 04.00
HYB     71.89 291 eP     43 59.00  -2.2
ANM     80.31  19 P      44 47.70  -0.1
PDB     81.70  26 P      44 53.40  -1.8
SVW     81.79  24 eP     44 56.70   1.0
SPA     82.41 180 iPd    44 58.80  -0.2
        1.2s     35.21nm          5.4mb
TTA     82.62  23 P      44 59.50  -0.5
        1.6s     59.25nm          5.5mb
RSO     82.66  26 P      44 59.20  -1.2
SLKM    83.78  26 P      45 05.00  -1.0
PMR     84.75  26 eP     45 10.60  -0.1
        1.0s     38.80nm          5.6mb
IMA     85.14  21 eP     45 13.30   0.5
        1.3s     47.50nm          5.6mb
QUE     85.15 301 eP     45 13.80   0.1
KLU     86.10  26 P      45 17.00  -0.6
TOA     86.24  26 eP     45 19.70   1.4
FBA     86.75  23 eP     45 19.90  -0.7
                  pP     45 24.20  14km
BRW     87.03  16 eP     45 22.90   1.0
BALM    87.53  27 ePc    45 24.90   0.3
                  pP     45 29.00  13km
INK     93.23  21 ePc    45 49.80  -1.1
MBC     98.28  14 eP     46 13.00  -0.8
TNP     99.33  53 P      46 23.70   4.1X
YKA    100.69  28 ePdiff46 23.40  -1.5
        1.2s      6.30nm          5.1mb
GEC2   123.15 325 PKP    51 34.50   0.4
        0.8s      0.63nm
BCAO   128.51 270 iPKPc  51 45.30  -0.1
        0.8s     11.00nm
                  id     51 55.10
SDV    142.91  85 ePKP   52 08.60  -3.7X
TOV    143.74  84 ePKP   52 10.70  -2.8
PPD    145.56 149 ePKP   52 15.60  -0.8
                  e      52 20.60
TIO    146.49 317 iPKP   52 18.50   0.6
                  i      52 27.50
KIC    151.76 269 PKP    52 31.90   5.6X
        1.3s     71.00nm
LIC    152.04 269 PKP    52 32.46   5.8X
        0.4s      8.50nm
TIC    152.06 270 PKP    52 32.54   5.8X
        0.5s     11.00nm
BAO    152.60 148 PKPd   52 24.50  -3.0X
                  e      52 32.40
      S.D. = 1.4  on  71 of  81 obs.
-----------------------------------------
?  FEB  14, 1992  16h 51m 33.76± 4.95s
   30.789 S ±30.9km  178.941 W ±44.9km
   DEPTH = 302.8 ± 42.7 km
   4.3mb (  1 obs.)
 KERMADEC ISLANDS, NEW ZEALAND    (178)

URZ      8.13 203 eP     53 30.30   0.7
                  eS     55 06.70
NOZ      8.20 197 eP     53 31.60   1.2
MNG     10.80 203 P      54 01.10  -1.5
                  S      56 03.40
KIW     11.22 205 eP     54 07.00  -0.7
CAW     11.38 204 eP     54 07.90  -1.8
TCW     11.76 206 eP     54 16.00   1.7
KHZ     13.08 205 eP     54 30.50   0.2
DZM     15.70 300 iPd    55 00.50  -0.5
WB2     43.29 273 iPd    59 08.80   0.8
        0.3s      5.50nm          4.3mb
KAF    144.64 340 ePKP   10 34.90  -0.1
        0.5s      2.10nm
NUR    146.39 339 iPKP   10 41.10   3.1X
        0.6s      6.50nm
NB2    149.01 350 PKP    10 47.80   5.6X
        0.6s      1.00nm
HFS    149.45 348 ePKP   10 48.40   5.6X
        0.4s      1.40nm
      S.D. = 1.4  on  10 of  13 obs.
-----------------------------------------
?  FEB  14, 1992  16h 57m 32.21± 2.75s
   14.776 N ±23.7km   60.797 W ±28.3km
   DEPTH =  33.0km  (normal)
 WINDWARD ISLANDS                  ( 95)

CRM      0.12 259 iPc    57 38.19   0.1
                  S      57 43.90
MVM      0.24 203 iPc    57 39.13  -0.1
                  S      57 46.10
```

FDF 0.34 263 iPd 57 40.49 -0.1
0 1s 0.50nm
S 57 47.00
BIM 0.37 226 eP 57 41.05 0.1
S 57 48.80
S.D. = 0.2 on 4 of 4 obs.

• FEB 14, 1992 16h 58m 59.69± 1.23s
7.678 S ± 8.4km 146.913 E ±22.6km
DEPTH = 33.0km (normal)
4.2mb (3 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)
ML 4.2 (PMG).

LAT 1.02 5 iPc 59 16.50 -1.2
YYYY 1.71 327 eP 59 29.20 1.5
eS 59 51.80
PMG 1.74 172 eP 59 29.20 1.2
eS 59 54.00
MDG 2.66 335 iPc 59 45.10 3.9X
QIS 14.63 208 eP 02 25.00 -1.2
0.5s 2.00nm 3.8mb
WB2 17.23 224 iPd 02 58.90 -0.7
0.4s 8.40nm 4.2mb
ASPA 20.21 217 iPd 03 35.20 0.4
0.8s 19.90nm 4.5mb
S.D. = 1.6 on 6 of 7 obs.

& FEB 14, 1992 17h 28m 23.00s
26.420 S 27.430 E
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
<MACRO>. mbLg 3.4 (BUL). Four people killed and 4 others injured at the Western Deep Levels South Mine near Carltonville.

BUL 6.34 10 iPnd 30 01.00 1.4
iSn 31 15.70
iSg 31 50.60
KRI 9.76 12 iPn 30 46.10 -1.1
iSn 32 34.00
iSg 33 32.00
2 obs. associated

? FEB 14, 1992 17h 47m 17.87± 1.16s
47.893 N ± 7.8km 0.924 W ±14.0km
DEPTH = 5.0km (geophysicist)
FRANCE (538)

LPF 0.16 331 Pg 47 21.20 0.0
Sg 47 23.60
GRR 0.50 5 Pg 47 27.80 0.0
Sg 47 35.20
LDF 0.88 37 Pg 47 35.30 0.0
Sg 47 48.50
FLN 0.92 19 Pg 47 25.50 -10.4X
Sg 47 48.40
MFF 1.40 157 Pg 47 44.00 0.0
Sg 48 00.60
S.D. = 0.1 on 4 of 5 obs.

? FEB 14, 1992 19h 47m 47.59± 5.57s
51.695 N ±42.0km 6.993 E ±20.5km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
MD 2.6 (UCC). ML 2.1 (BNS).

BNS 0.74 171 iPgd 48 02.40 0.3
0.7s 81.00nm
iSg 48 12.30
MEM 1.25 210 iPc 48 10.99 0.2
iS 48 28.20
ABH 1.85 169 ePn 48 20.38 0.7
RUP 2.00 179 ePn 48 20.52 -1.3
SNF 2.08 236 iP 48 23.10 0.2
WLF 2.10 195 P 48 26.00 2.8X
DOU 2.21 224 iP 48 24.60 -0.2
S.D. = 0.9 on 6 of 7 obs.

% FEB 14, 1992 20h 22m 28.77± 0.88s
40.423 N ± 7.5km 16.224 E ± 6.7km
DEPTH = 10.0km (geophysicist)
SOUTHERN ITALY (390)

ORI 0.40 154 P 22 37.90 1.0
eSg 22 43.00
MGR 0.59 241 Pd 22 40.10 -0.5
eSg 22 48.90
CSI 0.65 176 P 22 41.60 -0.2
SGO 0.71 281 P 22 43.30 0.5
eSg 22 53.50
BRT 0.87 58 P 22 45.30 -0.3
eSg 22 56.60
ROI 0.89 163 P 22 45.20 -0.7
S.D. = 0.8 on 6 of 6 obs.

FEB 14, 1992 21h 40m 56.00± 0.46s
40.475 N ± 4.2km 23.615 E ± 4.3km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 2.2 (THE).

OUR 0.31 116 ePg 41 02.32 -0.2
eSg 41 06.74
SOH 0.40 330 ePg 41 03.96 -0.2
eSg 41 08.79
THE 0.52 288 ePg 41 05.95 -0.6
eSg 41 12.96
PAIG 0.55 175 ePg 41 06.57 -0.5
eSg 41 13.92
SRS 0.64 358 ePg 41 07.96 -0.9
eSg 41 17.60
KNT 0.88 322 ePg 41 12.75 -0.1
eSg 41 23.64
LIT 0.94 247 ePg 41 14.11 0.2
eSg 41 26.43
GRG 1.04 298 ePg 41 16.32 0.7
eSg 41 30.60
VAY 1.16 317 iPn 41 18.30 0.7
FNA 1.73 281 ePb 41 26.32 -0.1
eSb 41 49.20
AGG 1.76 215 ePb 41 26.92 0.2
ALN 1.90 76 ePb 41 29.52 0.9
eSb 41 54.92
S.D. = 0.6 on 12 of 12 obs.

% FEB 14, 1992 23h 04m 23.74± 0.73s
40.555 N ± 7.3km 23.692 E ± 9.8km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 1.7 (THE).

OUR 0.31 135 ePg 04 30.57 0.3
eSg 04 34.38
SOH 0.37 316 ePg 04 31.57 0.2
eSg 04 35.74
SRS 0.57 352 ePg 04 34.96 -0.3
eSg 04 43.74
PAIG 0.63 181 ePg 04 35.96 -0.4
eSg 04 44.38
KNT 0.85 315 ePg 04 40.02 -0.2
eSg 04 51.14
GRG 1.06 293 ePg 04 44.02 0.3
eSg 05 01.53
S.D. = 0.4 on 6 of 6 obs.

% FEB 14, 1992 23h 24m 15.03± 0.77s
40.545 N ± 8.1km 23.684 E ±12.1km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 1.5 (THE).

OUR 0.31 133 ePg 24 21.74 0.3
eSg 24 25.89
SOH 0.37 318 ePg 24 22.74 0.0
eSg 24 28.02
SRS 0.58 353 ePg 24 26.34 -0.4
eSg 24 34.93
PAIG 0.62 180 ePg 24 27.17 -0.3
eSg 24 35.46
KNT 0.86 316 ePg 24 31.89 0.3
eSg 24 43.42
S.D. = 0.4 on 5 of 5 obs.

% FEB 14, 1992 23h 24m 30.35± 0.71s
40.553 N ± 5.2km 23.721 E ± 6.9km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 2.4 (THE).

OUR 0.30 138 ePg 24 37.06 0.6
eSg 24 41.10
SOH 0.39 314 ePg 24 37.96 -0.4
eSg 24 43.21
SRS 0.57 350 ePg 24 41.70 -0.3
eSg 24 50.14
THE 0.58 278 ePg 24 42.50 0.4
eSg 24 48.89
PAIG 0.63 183 ePg 24 42.57 -0.4
eSg 24 50.82
KNT 0.87 315 ePg 24 46.79 -0.3
eSg 24 58.53
LIT 1.04 245 ePg 24 50.21 0.1
eSg 25 04.89
GRG 1.08 292 ePg 24 51.53 0.8
eSg 25 05.93
AGG 1.87 215 ePb 25 01.89 -0.8
S.D. = 0.6 on 9 of 9 obs.

% FEB 14, 1992 23h 25m 23.36± 0.77s
40.568 N ± 6.0km 23.708 E ± 7.7km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 2.0 (THE).

OUR 0.31 138 ePg 25 30.17 0.3
eSg 25 34.46
SOH 0.37 313 ePg 25 31.14 0.2
eSg 25 36.25
SRS 0.56 351 ePg 25 34.57 -0.1
eSg 25 43.25
THE 0.57 277 ePg 25 34.21 -0.7
eSg 25 42.02
PAIG 0.64 182 ePg 25 35.57 -0.6
eSg 25 43.74
KNT 0.85 314 ePg 25 39.89 0.1
eSg 25 51.42
LIT 1.04 244 ePg 25 43.89 0.9
eSg 25 57.85
S.D. = 0.7 on 7 of 7 obs.

• FEB 14, 1992 23h 43m 09.70± 1.47s
17.602 N ±14.0km 102.050 W ± 9.9km
DEPTH = 52.6 ± 12.0 km
3.7mb (3 obs.)
NEAR COAST OF MICHOACAN, MEXICO (56)

COLM 2.21 315 iP 43 43.50 -1.2
iS 44 10.00
ACX 2.22 109 iP 43 45.00 0.3
iS 44 11.00
MRX 2.24 21 iP 43 44.50 -0.6
iS 44 10.00
CGX 2.48 328 iP 43 49.00 0.4
iS 44 16.50
III 2.57 72 iP 43 49.00 -1.0
iS 44 21.00
UNM 3.22 57 (P) 44 02.50 3.2X
iS 44 35.00
TAC 3.25 56 (P) 44 02.00 2.3
GUM2 3.27 339 iP 44 00.50 0.6
iS 44 37.00
PPM 3.56 65 iP 44 03.00 -1.3
IIT 3.82 68 eP 44 07.50 -0.3
(S) 44 54.00
AGX 4.26 357 iP 44 13.00 -0.6
IISM 4.65 72 iP 44 18.50 -0.6
OXX 5.11 95 iP 44 27.00 1.1
LVVM 5.72 67 (P) 44 38.00 3.8X
PBJ 6.46 99 eP 44 44.50 -0.1
MZX 6.92 324 (P) 44 59.00 8.1X
ANMO 17.72 348 P 47 17.10 2.6
1.0s 3.25nm 3.4mb
PV09 21.72 345 P 48 16.00 17.4X
FFC 37.05 0 eP 50 15.00 -1.2
0.7s 5.00nm 4.6mb
YKA 45.70 352 eP 51 25.20 -1.7
0.6s 0.50nm 3.6mb
INK 54.45 346 eP 52 34.00 0.4
MBC 59.35 355 eP 53 09.00 0.7
WRA 126.77 258 PKP 02 10.10 0.2
0.7s 0.40nm
S.D. = 1.3 on 19 of 23 obs.

FEB 15, 1992 00h 28m 54.76± 0.55s
40.513 N ± 5.1km 23.611 E ± 4.9km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 2.4 (THE).

```
OUR      0.33 122 ePg    29 00.60  -1.1
                  eSg    29 05.00
SOH      0.37 328 ePg    29 01.68  -0.6
                  eSg    29 07.04
THE      0.51 284 ePg    29 05.34   0.3
                  eSg    29 12.07
PAIG     0.59 175 ePg    29 05.96  -0.7
                  eSg    29 14.31
SRS      0.60 359 ePg    29 05.07  -1.9
                  eSg    29 13.92
KNT      0.84 320 ePg    29 10.06  -1.0
                  eSg    29 21.35
LIT      0.95 245 ePg    29 13.59   0.7
                  eSg    29 26.88
GRG      1.02 296 ePg    29 15.07   1.0
                  eSg    29 29.23
VAY      1.13 316 iPn    29 15.40  -0.5
RZN      1.44  35 iPg    29 21.00  -0.1
KDZ      1.78  50 iP     29 27.00   1.3
AGG      1.79 214 ePb    29 26.19   0.3
PLD      1.79  27 iP     29 28.00   2.1
ALN      1.89  77 ePb    29 27.47   0.1
VTS      2.10 352 eP     29 34.00   3.5X
     S.D. = 1.1  on  14 of  15 obs.
-----------------------------------
   FEB  15, 1992  00h 31m 41.09± 0.74s
   40.558 N ± 5.9km   23.709 E ± 7.4km
   DEPTH =  10.0km  (geophysicist)
 GREECE                            (364)
      MD 2.5 (THE).

OUR      0.31 137 ePg    31 47.92   0.5
                  eSg    31 51.79
SOH      0.38 314 ePg    31 48.84   0.0
                  eSg    31 54.00
SRS      0.57 351 ePg    31 52.24  -0.3
                  eSg    32 01.11
THE      0.57 278 ePg    31 52.00  -0.7
                  eSg    31 59.43
PAIG     0.63 182 ePg    31 53.20  -0.5
                  eSg    32 01.56
KNT      0.86 315 ePg    31 57.28  -0.4
                  eSg    32 08.47
LIT      1.04 244 ePg    32 00.67   0.0
                  eSg    32 14.35
GRG      1.07 292 ePg    32 02.84   1.6
                  eSg    32 17.20
VAY      1.15 312 iPn    32 02.50  -0.1
     S.D. = 0.8  on   9 of   9 obs.
-----------------------------------
%  FEB  15, 1992  00h 35m 52.01± 0.69s
   40.556 N ± 6.4km   23.696 E ± 7.8km
   DEPTH =  10.0km  (geophysicist)
 GREECE                            (364)
      MD 2.0 (THE).

OUR      0.31 135 ePg    35 58.78   0.3
                  eSg    36 02.69
SOH      0.37 316 ePg    35 59.78   0.1
                  eSg    36 05.02
THE      0.56 278 ePg    36 03.69   0.3
                  eSg    36 10.78
SRS      0.57 352 ePg    36 03.32  -0.2
                  eSg    36 12.06
PAIG     0.63 181 ePg    36 04.22  -0.4
                  eSg    36 12.62
KNT      0.86 315 ePg    36 08.37  -0.1
                  eSg    36 19.45
GRG      1.06 293 ePg    36 12.02   0.0
                  eSg    36 25.45
     S.D. = 0.3  on   7 of   7 obs.
-----------------------------------
%  FEB  15, 1992  01h 47m 53.33± 0.79s
   40.577 N ± 6.0km   23.731 E ± 7.9km
   DEPTH =  10.0km  (geophysicist)
 GREECE                            (364)
      MD 1.8 (THE).

OUR      0.31 142 ePg    48 00.14   0.4
                  eSg    48 04.54
SOH      0.38 311 ePg    48 01.22   0.1
                  eSg    48 05.47
SRS      0.55 349 ePg    48 04.45  -0.1
                  eSg    48 13.20
THE      0.59 276 ePg    48 04.79  -0.4
                  eSg    48 11.52
PAIG     0.65 183 ePg    48 05.58  -0.7
                  eSg    48 13.72
KNT      0.86 313 ePg    48 09.81  -0.1
                  eSg    48 20.72
LIT      1.06 244 ePg    48 14.08   0.7
                  eSg    48 28.24
     S.D. = 0.6  on   7 of   7 obs
-----------------------------------
%  FEB  15, 1992  01h 53m 06.79± 0.73s
   40.523 N ± 6.1km   23.621 E ± 7.1km
   DEPTH =  10.0km  (geophysicist)
 GREECE                            (364)
      MD 1.5 (THE).

OUR      0.33 124 ePg    53 13.74   0.1
                  eSg    53 18.08
SOH      0.36 326 ePg    53 14.77   0.5
                  eSg    53 19.00
THE      0.51 283 ePg    53 15.95  -1.2
                  eSg    53 25.27
SRS      0.59 358 ePg    53 18.16  -0.7
                  eSg    53 26.64
PAIG     0.60 176 ePg    53 18.68  -0.2
                  eSg    53 26.60
KNT      0.84 320 ePg    53 23.83   0.8
                  eSg    53 34.47
LIT      0.96 244 ePg    53 25.72   0.6
                  eSg    53 38.64
     S.D. = 0.9  on   7 of   7 obs.
-----------------------------------
&  FEB  15, 1992  02h 39m 33.72s
   67.018 N          146.703 W
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ALASKA                   (676)
      <AEIC>. ML 3.0 (AEIC). 3.2
      (PMR).

FYU      0.74 127 eP     39 47.80  -0.4
                  eS     39 57.83
PRP      1.58 162 eP     40 02.03   0.1
                  eS     40 22.00
GLM      2.06 188 eP     40 08.59  -0.2
                  eS     40 36.89
MDM      2.16 198 eP     40 09.88  -0.4
                  eS     40 38.28
FBA      2.17 192 eP     40 11.90   1.5
CCB      2.42 191 eP     40 14.43   0.4
                  eS     40 46.43
MLY      2.59 221 eP     40 16.97   0.6
WRH      2.62 193 eP     40 17.36   0.6
                  eS     40 50.12
HDA      2.63 182 eP     40 17.22   0.3
NEA      2.64 203 eP     40 16.91  -0.2
IMA      2.95 254 eP     40 23.20   1.6
DJE      3.03 171 eP     40 22.20  -0.4
BWN      3.08 203 eP     40 24.46   1.2
MCK      3.43 197 eP     40 28.59   0.3
RND      3.74 195 eP     40 33.33   0.6
PAX      4.10 172 eP     40 38.58   0.8
SDG      4.54 173 eP     40 43.70  -0.3
TOA      4.94 177 eP     40 51.70   1.9
INK      5.19  70 P      40 53.00  -0.2
        0.3s     1.50nm          4.1mb X
PMR      5.55 192 eP     41 00.80   2.5
TTA      5.69 228 eP     41 01.30   0.9
PMS      5.93 193 eP     41 05.00   1.3
YKA     14.31  93 eP     43 11.60  13.6
        0.5s     0.10nm
        23 obs. ossocioted
-----------------------------------
*  FEB  15, 1992  03h 33m 52.85± 1.61s
   44.532 N ± 5.3km  114.006 W ±16.6km
   DEPTH =   5.0km  (geophysicist)
 WESTERN IDAHO                     ( 33)
      ML 3.1 (BUT).

MCMT     0.88  70 iPc    34 10.40   0.1
HPI      1.05 141 iPc    34 12.32  -1.0
                  eS     34 26.50
LTMT     1.36  90 eP     34 19.30   0.7
BGMT     1.56  63 ePn    34 21.80   0.2
HBMT     1.60  38 iPnc   34 22.10  -0.1
LRM      1.69  40 iPnc   34 23.40  -0.1
BUT      1.80  34 iPg    34 27.40   2.5X
                  eSn    34 49.30
                  iSg    34 51.80
PTI      2.04 144 eP     34 28.03  -0.4
                  eS     34 55.34
MEMT     2.40  62 ePn    34 33.60  -0.1
SXM      2.55  50 ePn    34 36.10   0.3
HRY      2.66  34 ePn    34 36.60  -0.7
HVU      2.89 161 eP     34 41.61   1.0
                  eS     35 20.46
     S.D. = 0.6  on  11 of  12 obs.
-----------------------------------
?  FEB  15, 1992  04h 31m 55.30± 5.32s
   4.020 S ±44.5km  146.485 E ±29.3km
   DEPTH =  33.0km  (normal)
   4.5mb (  2 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)
      ML 4.5 (PMG).

MDG      1.41 210 iPd    32 18.60  -0.2
YYYY     2.27 193 eP     32 32.00   0.7
                  eS     33 06.80
LAT      2.67 169 iPc    32 37.00   0.1
                  eS     33 18.40
MNDI     3.53 233 eP     32 57.00   7.7X
PMG      5.40 173 eP     33 15.00  -0.6
                  eS     34 12.00
WB2     19.76 216 iPd    36 24.50  -1.1
        0.2s     7.90nm          4.7mb
ASPA    23.00 211 iPc    36 59.60   1.1
        0.9s    11.20nm          4.4mb
     S.D. = 1.1  on   6 of   7 obs.
-----------------------------------
   FEB  15, 1992  04h 52m 04.70± 0.21s
   75.918 N ± 4.4km  125.210 E ± 3.3km
   DEPTH =  17.3km  ( 17 depth phases)
   5.0mb ( 40 obs.)  4.4Msz (  2 obs.)
 LAPTEV SEA                        (655)

YAK     14.05 171 iP     55 21.70  -3.1
        1.1s    80.00nm          5.4mb
      Z  12s     1.90um          4.0MszX
      N  12s     1.40um
                  i     55 31.00
                  e     58 56.00
                  e     59 42.00
                  e     00 26.00
                  i     00 59.00
BRW     20.91  62 eP     56 48.50   0.5
MBC     23.62  33 eP     57 16.00   1.2
        1.0s    35.00nm          4.9mb
ANM     24.26  80 P      57 23.90   2.7X
IRK     25.11 211 eP     57 30.00   0.5
        1.4s    66.00nm          5.1mb
                  e     57 35.00  18km
                  e     57 43.50
                  e     58 45.30
                  eS    02 00.00
                  e     02 32.00
                  LR    08 06.00
IMA     25.76  68 eP     57 37.10   1.5
        0.8s    95.60nm          5.5mb
DAG     26.12 342 eP     57 38.00  -0.6
KEV     26.26 309 iP     57 40.20   0.2
        0.8s    29.30nm          5.0mb
TTA     27.88  74 eP     57 56.20   1.3
FBA     28.07  65 eP     57 59.20   2.7X
        1.3s    30.20nm          4.9mb
INK     28.08  51 eP     57 56.00  -0.6
PMR     30.64  69 eP     58 19.70   0.2
        0.9s    23.10nm          5.0mb
TOA     30.86  66 eP     58 22.30   0.7
SLKM    31.35  71 P      58 25.20  -0.6
                  pP     58 30.30  18km
KLU     31.46  67 P      58 26.70  -0.2
                  pP     58 31.90  18km
KAF     33.08 302 iP     58 40.10  -0.8
        0.7s     5.50nm          4.6mb
BJI     36.20 192 eP     59 08.50   0.7
        1.2s    33.00nm          5.1mb
      Z  12s     2.42um          5.2MszX
      N  12s     1.86um
YKA     36.72  42 eP     59 11.30  -0.6
        1.2s    15.40nm          4.7mb
NB2     37.01 312 P      59 13.60  -0.9
        0.7s    13.60nm          4.9mb
OBN     37.17 288 iPc    59 16.20   0.4
        1.1s    24.00nm          4.9mb
      Z  13s     1.30um          4.9MszX
      N  13s     0.80um
      E  13s     0.40um
                  ePP   01 15.00
```

ePPP 01 45.00
HFS 37.40 310 eP 59 16.00 -1.6
0 7s 7.70nm 4.6mb
Z 16s 0.53um 4.4MszX
LR 15 02.00
MAT 39.92 164 (P) 59 39.00 0.0
LZH 41.13 207 eP 59 51.00 2.0X
Z 12s 1.48um 5.1MszX
EKA 44.86 321 P 00 20.00 1.0
2.0s 92.80nm 5.4mb
KRA 45.60 299 eP 00 24.90 0.0
1.4s 78.00nm 5.5mb
e 00 30.20 18km
KSP 45.62 303 iPd 00 25.00 -0.1
CLL 45.84 306 iP 00 26.30 -0.5
BRG 46.06 305 iP 00 28.30 -0.3
0.6s 12.00nm 5.0mb
FFC 46.11 36 eP 00 28.00 -1.0
0.7s 6.00nm 4.7mb
SPC 46.35 299 eP 00 31.80 0.6
MOX 46.74 307 eP 00 34.70 0.7
1.9s 39.00nm 5.1mb
PRU 46.79 304 P 00 34.60 0.3
GRF 47.73 307 iPd 00 42.70 0.9
1.7s 43.00nm 5.2mb
Z 20s 0.30um 4.3Msz
e(pP) 00 47.10 15km
KHC 47.80 304 eP 00 42.90 0.5
ZST 47.96 301 eP 00 44.80 1.2
GEC2 48.04 304 Pd 00 43.80 -0.6
0.7s 3.86nm 4.6mb
VRI 48.06 292 eP 00 45.50 1.1
SRO 48.07 300 eP 00 44.80 0.4
PNT 48.32 52 eP 00 52.00 5.6X
MLR 48.59 292 ePc 00 50.00 1.3
SES 48.86 45 eP 00 51.00 0.4
pP 00 56.00 17km
CMP 49.01 293 ePc 00 53.00 1.2
MAIO 49.24 256 eP 00 55.00 1.2
RMW 49.66 55 P 00 58.10 1.2
pP 01 02.50 15km
CDF 49.72 309 eP 00 57.20 -0.1
0.9s 8.20nm 4.7mb
KBA 49.80 304 iPd 00 59.00 1.0
0.8s 12.60nm 5.0mb
ic 00 59.30 1kmX
SQTA 50.09 306 iPc 01 00.70 0.5
HAU 50.28 310 eP 01 01.10 -0.4
Z 19s 0.45um 4.5Msz
LON 50.34 55 P 01 02.40 0.4
pP 01 07.80 18km
BSF 50.36 310 eP 01 01.60 -0.6
0.9s 11.45nm 4.8mb
LOR 51.45 312 eP 01 09.30 -1.1
1.1s 12.20nm 4.7mb
Z 17s 0.22um 4.3MszX
LBF 51.70 312 eP 01 11.30 -1.0
1.0s 18.00nm 5.0mb
SSF 51.71 312 eP 01 11.50 -0.9
1.1s 17.10nm 4.9mb
VGB 51.73 55 P 01 12.80 0.2
pP 01 18.10 18km
GUN 51.75 226 P 01 13.80 0.5
0.9s 51.00nm 5.5mb
GKN 51.88 227 P 01 14.40 0.4
0.6s 23.00nm 5.3mb
KKN 51.97 226 P 01 15.20 0.4
0.6s 35.00nm 5.5mb
AVF 52.00 312 eP 01 13.70 -0.8
0.9s 5.75nm 4.5mb
SMF 52.05 312 eP 01 13.80 -1.2
0.9s 5.75nm 4.5mb
PKI 52.17 226 P 01 16.60 0.2
1.3s 51.00nm 5.3mb
DMN 52.18 226 P 01 16.80 0.4
0.9s 35.00nm 5.3mb
LPL 52.60 309 eP 01 19.10 -0.3
0.9s 4.90nm 4.4mb
LPG 52.62 309 eP 01 19.40 -0.2
0.9s 4.90nm 4.4mb
TCF 52.69 313 eP 01 19.00 -0.8
LSF 52.85 314 eP 01 19.90 -1.0
LRM 53.02 48 eP 01 22.30 -0.3
QUE 53.37 247 eP 01 26.70 1.5
HPI 54.95 49 P 01 36.60 -0.1
pP 01 42.30 19km
ORV 57.31 58 P 01 43.00 -10.4X
DUG 58.40 50 P 02 01.20 0.0
1.0s 15.88nm 5.0mb
pP 02 06.60 18km
DAU 58.48 48 P 02 02.20 0.2
pP 02 07.40 17km
CHG 58.75 209 eP 02 02.00 -1.6
EMUT 59.14 48 P 02 06.50 0.0
pP 02 12.00 18km
SRU 59.88 48 P 02 10.90 -0.6
pP 02 16.40 18km
MSU 60.15 50 P 02 13.80 0.3
pP 02 19.20 18km
GOL 60.21 43 P 02 13.50 -0.3
0.7s 1.35nm 4.2mb
HYB 63.33 231 eP 02 29.00 -5.7X
GLA 64.94 53 P 02 46.20 1.1
RLO 65.27 35 eP 02 45.40 -1.7
e 02 50.70 17km
TUL 65.41 36 eP 02 46.60 -1.4
0.7s 10.00nm 5.1mb
e 02 52.20 18km
MEO 66.10 39 iPd 02 57.00 4.5X
WRA 95.82 171 P 05 30.60 0.0
0.7s 3.20nm 4.9mb
WB2 95.82 171 iPc 05 30.30 -0.3
0.8s 8.10nm 5.2mb
S.D. = 0.9 on 76 of 83 obs.

% FEB 15, 1992 05h 05m 31.10± 0.67s
40.512 N ± 4.6km 22.757 E ± 5.6km
DEPTH = 5.0km (geophysicist)
GREECE (364)
MD 1.5 (THE).

THE 0.20 53 ePg 05 35.30 0.1
eSg 05 38.14
LIT 0.46 206 ePg 05 40.25 -0.1
eSg 05 46.98
GRG 0.52 329 ePg 05 41.61 0.1
eSg 05 48.69
SOH 0.55 56 ePg 05 42.17 0.1
eSg 05 50.14
KNT 0.66 9 ePg 05 43.85 -0.4
eSg 05 53.74
SRS 0.88 46 ePg 05 48.88 0.5
eSg 06 00.90
PAIG 0.92 129 ePg 05 49.58 0.5
eSg 06 01.06
OUR 0.95 100 ePg 05 48.85 -0.8
eSg 06 02.90
S.D. = 0.5 on 8 of 8 obs.

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* FEB 15, 1992 06h 47m 24.00± 3.33s
35.845 N ± 7.6km 10.769 W ±33.1km
DEPTH = 10.0km (geophysicist)
NORTH ATLANTIC OCEAN (402)
MD 3.1 (RBA). mbLg 2.8 (MDD).

EVAL 3.67 61 eP 48 23.00 1.0
eS 48 59.20
AVE 3.76 132 ePn 48 24.00 0.7
iSn 49 02.00
i 49 04.00
EHOR 4.85 64 eP 48 38.50 -0.2
eS 49 27.20
IFR 5.20 115 iPn 48 44.00 0.2
iSn 49 35.00
EPLA 5.61 40 eP 48 50.00 0.5
eS 49 46.00
TIO 5.71 148 iPn 48 50.50 -0.6
iSn 49 50.00
EBAN 6.05 65 eP 48 55.20 -0.5
eS 49 57.00
GUD 7.07 45 eP 49 10.00 -0.2
eS 50 21.50
EVIA 7.16 65 eP 49 10.40 -1.0
eS 50 23.80
S.D. = 0.8 on 9 of 9 obs.

% FEB 15, 1992 07h 02m 20.75± 0.70s
40.300 N ± 4.5km 22.256 E ± 5.8km
DEPTH = 5.0km (geophysicist)
GREECE (364)
MD 2.1 (THE).

LIT 0.27 138 ePg 02 26.22 0.0
eSg 02 30.17
THE 0.63 58 ePg 02 33.61 0.2
eSg 02 42.17
GRG 0.67 10 ePg 02 34.82 0.8
eSg 02 44.77
FNA 0.83 306 ePg 02 36.85 -0.4
eSg 02 50.85
SOH 0.99 58 ePg 02 38.61 -1.3
eSg 02 53.74
KNT 0.99 29 ePg 02 39.74 -0.2
eSg 02 52.50
PAIG 1.15 108 ePg 02 42.66 -0.1
eSg 02 57.30
AGG 1.28 177 ePb 02 45.22 0.3
eSb 03 04.25
SRS 1.30 51 ePb 02 46.09 0.7
eSb 03 02.53
OUR 1.32 88 ePb 02 45.69 0.1
S.D. = 0.7 on 10 of 10 obs.

FEB 15, 1992 07h 03m 00.13± 0.34s
50.143 N ± 3.5km 129.682 W ± 3.8km
DEPTH = 10.0km (geophysicist)
4.4mb (14 obs.) 4.0Msz (1 obs.)
VANCOUVER ISLAND REGION (25)

BPBC 1.23 89 P 03 22.83 -0.2
S 03 41.19
PHC 1.55 68 P 03 28.38 0.7
EDB 1.67 98 P 03 28.60 -1.0
SJB 1.98 335 P 03 32.90 -1.2
BBB 2.27 25 Pd 03 39.90 1.7
S 04 09.00
GDR 2.38 97 P 03 38.78 -1.0
BTB 2.78 102 P 03 44.19 -1.4
S 04 19.53
CBB 2.78 91 Pc 03 45.74 0.2
QZB 2.97 112 P 03 47.89 -0.3
ALB 3.27 104 P 03 52.81 0.5
MGB 3.44 107 P 03 54.64 -0.3
PFB 3.77 113 P 03 58.73 -0.8
SHB 3.80 96 P 03 58.72 -1.3
NAB 3.80 102 P 04 00.93 1.0
BIB 4.20 98 P 04 05.59 0.1
WPB 4.21 94 P 04 06.01 0.2
WHB 4.33 88 P 04 08.80 1.3
PGC 4.34 108 P 04 07.00 -0.5
STW 4.42 115 P 04 08.52 -0.2
SNB 4.46 105 P 04 09.96 0.6
VGZ 4.51 110 P 04 09.23 -0.7
OSD 4.57 118 P 04 11.09 0.0
OSR 4.61 123 P 04 11.84 0.4
HNB 4.69 98 P 04 13.08 0.5
MCW 4.71 106 ePc 04 11.30 -1.6
BLN 4.90 113 P 04 15.36 -0.2
OHW 5.03 109 P 04 17.14 -0.1
HDW 5.03 117 P 04 17.34 -0.2
VDB 5.06 100 P 04 18.47 0.7
PGW 5.21 114 P 04 20.24 0.4
CMW 5.24 106 P 04 20.86 0.4
GMW 5.24 117 eP 04 20.52 0.1
MBW 5.25 102 P 04 21.09 0.4
CPW 5.38 124 P 04 22.47 0.1
FSB 5.44 35 P 04 25.30 2.0
JCW 5.45 108 P 04 23.28 0.0
BLH 5.54 112 P 04 25.40 0.8
SPW 5.55 115 P 04 26.09 1.4
RPW 5.61 104 P 04 25.66 0.1
HTW 5.71 111 P 04 26.98 -0.1
RMW 5.86 114 ePd 04 29.62 0.5
LMW 6.02 122 P 04 31.36 -0.1
RVC 6.04 119 P 04 32.24 0.6
CZM 6.06 125 P 04 31.67 -0.2
RVW 6.12 128 P 04 31.56 -1.2
REMR 6.18 120 P 04 33.50 -0.3
FMW 6.21 118 P 04 34.06 -0.2
RCS 6.21 119 P 04 35.70 1.3
ERK 6.23 125 P 04 34.28 -0.1
LON 6.24 120 ePc 04 34.09 -0.4
1.0s 34.43nm 5.1mb X
TDL 6.26 124 P 04 33.76 -1.2
FL2 6.29 126 P 04 34.15 -1.2
STD 6.33 125 P 04 35.92 0.0
SHW 6.36 126 eP 04 36.72 0.5
SOSW 6.38 125 P 04 36.70 0.1
WPW 6.42 119 P 04 38.43 1.3
NLW 6.47 105 P 04 38.38 0.5
PNT 6.58 93 iPd 04 39.90 0.6

15d 07h

```
        0.7s    72.00nm          5.8mb X
ETW     6.67 109 P      04 40.34  -0.3
ASR     6.73 123 Pd     04 40.52  -0.9
NAC     6.81 117 P      04 42.75   0.3
VLL     7.14 128 P      04 46.32  -0.8
VTG     7.18 113 P      04 47.03  -0.6
MXC     7.20 116 P      04 47.42  -0.5
SAW     7.20 106 P      04 47.74  -0.2
SSOR    7.20 135 P      04 47.23  -0.8
EPH     7.23 109 Pd     04 47.67  -0.7
BVW     7.32 113 P      04 48.77  -0.8
MDW     7.49 114 P      04 51.32  -0.7
WAH2    7.53 113 P      04 51.68  -0.9
VGB     7.57 124 eP     04 53.06  -0.1
CRF     7.60 112 P      04 52.09  -1.4
LOCW    7.63 113 P      04 52.76  -1.2
GBL     7.68 114 P      04 53.59  -1.0
RSW     7.71 115 P      04 54.28  -0.9
OD2     7.75 107 P      04 54.78  -0.9
DPW     7.88 102 eP     04 56.45  -1.1
LBFM   10.34 145 eP     05 33.02   1.4
SES    11.93  82 eP     05 53.00  -0.2
ORV    12.06 148 eP     05 55.09   0.2
                e       06 06.43
LRM    12.32 104 eP     05 57.00  -1.7
HPI    13.02 113 eP     06 07.92  -0.1
PTI    13.95 115 eP     06 21.68   1.6
HVU    14.41 119 (P)    06 28.57   2.5
BONR   14.65 142 (P)    06 30.68   1.2
YKA    14.88  28 eP     06 32.30   0.3
        0.8s    6.10nm          4.1mb X
TNP    14.99 139 eP     06 34.46   0.6
        1.0s   29.29nm          4.7mb
TOA    15.04 329 eP     06 44.20  10.0X
DUG    15.47 124 eP     06 40.43   0.4
        1.0s   15.88nm          4.3mb
BW06   15.67 110 P      06 44.00   1.3
        1.5s   61.02nm          4.6mb X
PMR    15.75 324 P      06 42.30  -1.0
        0.9s    9.14nm          4.0mb X
ISA    16.61 146 eP     06 58.00   3.5X
RSO    16.62 317 (P)    06 56.10   1.5
CLC    16.80 144 eP     06 59.00   2.1
EMUT   16.83 121 eP     06 58.47   1.0
MSU    17.04 126 eP     07 00.83   0.7
FFC    17.45  64 eP     07 05.00   0.2
        0.8s   24.00nm          4.4mb
FFC    17.45  64 eP     07 11.00   6.2X
        1.0s  159.00nm          5.1mb
SRU    17.48 122 eP     07 07.27   1.6
FBA    17.59 334 eP     07 16.10   9.5X
        1.4s   17.40nm          4.0mb
SVW    18.16 317 eP     07 12.93  -0.8
        0.9s   25.62nm          4.4mb
SSK    18.19 147 (P)    07 14.96   0.5
INK    18.32 355 eP     07 17.50   2.0
RSSD   18.41  99 P      07 16.50  -0.6
        1.2s   49.20nm          4.6mb
RVR    18.50 146 eP     07 18.00  -0.1
PEC    18.67 146 eP     07 21.30   1.1
        1.3s   14.87nm          4.0mb
TPC    18.90 143 eP     07 23.00   0.0
TTA    19.17 322 eP     07 24.67  -1.4
        1.1s   20.33nm          4.3mb
GOL    20.05 112 eP     07 37.20   0.9
        1.1s    2.06nm          3.4mb X
IMA    20.16 331 eP     07 36.35  -0.8
        1.1s   17.50nm          4.3mb
GLA    20.31 142 eP     07 37.82  -1.0
ANMO   22.74 123 P      08 04.20   0.6
        1.1s   22.15nm          4.6mb
ACO    25.72 110 e(P)   08 34.00   1.9
MBC    26.52   6 eP     08 42.50   3.5X
        1.1s    4.00nm          4.0mb
MEO    27.35 112 iPd    08 47.00  -0.1
SIO    28.08 108 e(P)   08 53.50  -0.1
TUL    28.29 107 eP     08 55.50   0.0
        0.9s   17.70nm          4.9mb
      Z  18s    0.36um          4.0Msz
                eS      13 56.00
RLO    28.59 106 eP     08 58.30   0.0
                e       09 11.20
VVO    28.70 108 eP     08 59.40   0.2
                e       09 11.60
                e       09 15.30
FVM    30.36  98 eP     09 13.24  -0.9
        0.7s   10.73nm          4.8mb
ELC    31.54  98 eP     09 23.43  -1.0
PWLA   33.71 101 eP     09 42.52  -0.9
JSC    38.49  96 eP     10 22.84  -1.0
TBR    38.99  81 eP     10 27.76  -0.3
BUL   145.46  38 ePKP   22 38.70  -1.4
      S.D. = 0.9  on 120 of 125 obs.
-----------------------------------
&  FEB  15, 1992  07h 19m 40.00s
   49.890 N          129.943 W
   DEPTH =  10.0km  (geophysicist)
   3.7mb (  2 obs.)
 VANCOUVER ISLAND REGION          ( 25)
      <PGC-P>. ML 3.4 (PGC).

BPBC    1.43  78 P      20 05.36  -0.6
                S       20 23.91
PHC     1.81  62 P      20 11.19  -0.2
                S       20 34.55
EDB     1.83  89 P      20 11.04  -0.6
GDR     2.53  91 P      20 21.71  -0.1
PNT     6.74  91 eP     21 22.00   0.6
        0.5s    5.00nm          4.8mb X
YKA    15.18  28 eP     23 14.00  -1.8
        0.7s    1.00nm          3.3mb
FFC    17.71  63 eP     23 49.00   1.0
        0.7s    5.00nm          3.8mb X
FFC    17.71  63 eP     23 54.00   6.0
        0.8s   14.00nm          4.1mb
INK    18.56 356 eP     24 01.00   2.7
        9 obs. associated
-----------------------------------
&  FEB  15, 1992  07h 42m 58.70s
   56.355 N          120.741 W
   DEPTH =   5.0km  (geophysicist)
 BRITISH COLUMBIA, CANADA         ( 23)
      <PGC-P>. ML 3.4 (PGC). Felt (IV)
      at Fort St. John.

BDBC    0.88 259 Pg     43 14.70  -1.4
                Sg      43 30.00
FSB     2.78 229 Pn     43 43.00  -1.7
                Pg      43 49.80
                Sg      44 24.60
MUB     3.75 316 Pn     43 56.90  -1.6
                Sn      44 40.30
                Sg      44 56.00
MNB     4.39 161 Pn     44 06.10  -1.6
                Sn      44 55.80
                Sg      45 16.00
SLEB    5.42 162 Pn     44 19.50  -2.9
                Sg      45 47.20
YKA     6.90  24 eP     44 40.20  -2.8
        0.5s    0.90nm          4.2mb X
FFC    10.76  91 eP     45 31.00  -5.3
        0.5s    5.00nm          5.2mb X
INK    13.34 339 P      46 04.00  -7.0
        0.5s    0.80nm          4.0mb X
        8 obs. associated
-----------------------------------
*  FEB  15, 1992  08h 14m 08.23± 0.68s
   37.713 N ±10.4km   72.108 E ±10.5km
   DEPTH =  33.0km  (normal)
   4.4mb (  6 obs.)
 TAJIKISTAN                       (715)

QUE     8.64 211 eP     16 13.30  -0.8
                eS      17 39.20
NDI     9.97 153 e(P)   16 34.00   1.8
MAIO   10.19 266 ePn    17 03.00  27.7X
                eSn     18 22.00
GKN    14.29 129 P      17 31.00   0.6
        0.6s   18.00nm          4.9mb
KKN    14.84 128 P      17 36.40  -1.2
        0.6s   15.00nm          4.5mb
DMN    14.86 129 P      17 37.80  -0.1
PKI    15.08 128 P      17 40.20  -0.6
GUN    15.14 126 P      17 41.80   0.2
        1.0s   70.00nm          4.9mb
HFS    42.67 321 eP     22 03.80   0.7
        0.4s    2.40nm          4.3mb
NB2    43.96 322 P      22 13.70   0.1
        0.5s    1.10nm          3.9mb
YKA    79.99   3 eP     26 14.60  -0.6
        0.6s    0.40nm          3.6mb
      S.D. = 1.0  on  10 of  11 obs.
-----------------------------------
%  FEB  15, 1992  08h 25m 00.82± 0.82s
   38.588 N ± 9.1km   15.736 E ±14.8km
   DEPTH =  10.0km  (geophysicist)
 SICILY                           (398)

ATN     0.48 207 P      25 10.60   0.1
                eSg     25 18.20
CZI     0.70  26 P      25 15.50   0.9
MNO     1.05 232 P      25 20.70  -0.1
                eSg     25 34.00
TDS     1.17  23 P      25 22.50  -0.1
ROI     1.18  33 P      25 22.20  -0.6
MGR     1.55 355 P      25 28.10  -0.4
                eSg     25 49.00
SGO     2.00 351 P      25 35.20   0.3
                eSn     25 59.00
      S.D. = 0.6  on   7 of   7 obs.
-----------------------------------
%  FEB  15, 1992  08h 52m 08.56± 3.06s
   47.461 N ± 8.5km    2.919 W ±27.4km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                           (538)

LPF     1.39  65 Pn     52 34.60   0.7
                Pg      52 36.40
                Sg      52 54.60
GRR     1.67  55 Pn     52 38.10   0.2
                Pg      52 40.70
                Sg      53 02.40
MFF     2.08 113 Pg     52 50.10   6.2X
                Sg      53 16.80
FLN     2.09  51 Pn     52 43.70  -0.3
                Pg      52 48.20
                Sg      53 14.30
LDF     2.19  58 Pg     52 50.20   4.7X
                Sg      53 18.10
LSF     3.28 110 Pn     53 01.40   0.3
                Sn      53 38.50
                Sg      53 55.60
LFF     3.58 133 Pg     53 17.40  12.2X
                Sg      54 04.20
TCF     3.71 107 Pn     53 07.20   0.1
                Sn      53 47.80
                Sg      54 08.90
RJF     3.75 123 Pg     53 20.50  12.8X
                Sn      53 48.40
                Sg      54 09.90
LPO     3.99 133 Pg     53 26.40  15.4X
                Sg      54 18.10
CAF     4.29 124 Pn     53 16.10   0.7
                Sn      54 01.50
                Sg      54 29.30
AVF     4.33  97 Pn     53 15.60  -0.3
                Sn      54 01.90
                Sg      54 26.40
SSF     4.39  93 Pn     53 15.80  -1.0
                Pg      53 32.90
                Sg      54 06.80
                Sg      54 30.90
EPF     4.99 151 Pn     53 25.00  -0.3
      S.D. = 0.6  on   9 of  14 obs.
-----------------------------------
?  FEB  15, 1992  08h 57m 44.61± 5.18s
   43.373 N ±28.8km   18.536 E ±28.7km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION       (383)
      ML 1.6 (TTG).

BRY     0.47 179 iPgc   57 54.02  -0.2
                iSg     58 00.94
PLE     0.63  94 iPgd   57 57.27   0.0
                iSg     58 06.67
NKY     0.65 149 iPgc   57 57.48  -0.3
                iSg     58 07.02
HCY     0.93 182 iPgc   58 02.33   0.0
                iSg     58 15.73
TTG     1.08 150 iPgc   58 05.23   0.3
                iSg     58 21.02
BDV     1.11 169 iPgc   58 05.65   0.2
                iSg     58 21.84
      S.D. = 0.3  on   6 of   6 obs.
-----------------------------------
%  FEB  15, 1992  08h 59m 01.25± 0.88s
   19.300 N ±12.7km  102.974 W ± 7.2km
   DEPTH =  33.0km  (normal)
 MICHOACAN, MEXICO                ( 57)

CGX     0.61 311 iP     59 13.50  -0.1
```

iS 59 24.50
COLM 0.69 260 iP 59 14.50 -0.1
iS 59 25.00
GUM2 1.39 347 iP 59 25.00 0.2
iS 59 42.00
MRX 1.73 76 iP 59 29.00 -0.4
iS 59 50.00
III 3.45 105 eP 59 54.50 0.4
ACX 3.82 129 (P) 00 05.50 6.2X
(S) 00 48.00
S.D. = 0.4 on 5 of 6 obs.

FEB 15, 1992 09h 31m 43.47± 0.53s
44.301 N ± 3.9km 7.320 E ± 3.6km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.9 (GEN).

STV 0.06 177 P 31 46.42 0.6
S 31 48.16
ENR 0.10 136 P 31 46.72 0.4
S 31 48.77
PZZ 0.26 323 P 31 48.98 0.0
S 31 53.08
TOUF 0.29 190 Pg 31 49.72 0.1
AUTN 0.31 166 Pg 31 50.11 0.0
SAOF 0.36 152 Pg 31 50.76 -0.1
Sg 31 55.29
ROB 0.40 91 P 31 51.54 -0.1
S 31 57.18
AURF 0.41 179 Pg 31 51.76 -0.2
Sg 31 57.50
MVIF 0.42 197 Pg 31 51.89 -0.2
Sg 31 57.98
SBF 0.45 169 Pg 31 53.10 0.5
Sg 31 58.40
IMI 0.57 133 P 31 54.00 -1.0
S 32 02.00
FIN 0.65 98 P 31 56.67 0.3
FRF 0.89 214 Pg 32 00.00 -0.5
Sg 32 11.80
LRG 1.09 220 Pg 32 04.20 0.2
Sg 32 19.20
LMR 1.13 212 Pg 32 04.60 0.0
Sg 32 19.90
S.D. = 0.4 on 15 of 15 obs.

% FEB 15, 1992 09h 59m 02.10± 0.55s
40.660 N ± 4.3km 22.982 E ± 4.8km
DEPTH = 5.0km (geophysicist)
GREECE (364)
MD 1.9 (THE).

THE 0.03 206 ePg 59 03.37 0.0
eSg 59 04.21
SOH 0.33 60 ePg 59 08.85 0.2
eSg 59 13.98
KNT 0.51 353 ePg 59 12.85 0.6
eSg 59 20.26
GRG 0.53 304 ePg 59 11.98 -0.8
eSg 59 19.89
SRS 0.65 45 ePg 59 15.14 0.0
eSg 59 24.05
LIT 0.67 214 ePg 59 16.01 0.4
eSg 59 25.42
OUR 0.83 113 ePg 59 17.89 -0.7
eSg 59 30.57
PAIG 0.91 144 ePg 59 20.05 0.2
eSg 59 31.66
S.D. = 0.6 on 8 of 8 obs.

& FEB 15, 1992 10h 46m 04.13s
59.830 N 151.711 W
DEPTH = 56.0km
KENAI PENINSULA, ALASKA (14)
<AEIC>. ML 2.5 (AEIC).

NNL 0.30 44 iP 46 14.55 0.6
XLV 0.38 181 eP 46 13.66 -0.9
eS 46 21.76
CNPM 0.39 141 iP 46 14.35 -0.4
eS 46 22.51
BRLK 0.42 99 iP 46 14.71 -0.4
eS 46 23.15
INE 0.72 289 eP 46 17.51 -1.2
eS 46 28.31
INW 0.75 289 eP 46 18.08 -1.0
eS 46 29.28
RED 0.79 319 eP 46 18.98 -0.6
eS 46 30.82
RS1 0.82 321 iP 46 19.44 -0.6
RSO 0.82 321 eP 46 19.38 -0.6
eS 46 31.49
RDT 0.82 335 iP 46 19.15 -0.8
S 46 31.48
RS2 0.82 321 eP 46 19.44 -0.6
eS 46 31.46
REF 0.83 324 iP 46 19.39 -0.7
eS 46 31.36
DFR 0.91 328 eP 46 20.39 -0.6
eS 46 33.44
AUE 0.97 242 eP 46 21.18 -0.5
AUP 0.99 242 eP 46 21.77 -0.3
AUI 1.00 241 eP 46 21.68 -0.6
SLKM 1.01 47 eP 46 21.72 -0.6
SEW 1.17 75 eP 46 24.74 0.3
PDB 1.25 269 iP 46 24.74 -0.9
eS 46 40.50
BKG 1.27 348 eP 46 25.26 -0.8
CDD 1.34 228 eP 46 25.86 -1.0
eS 46 43.45
SPU 1.37 353 iP 46 26.70 -0.6
eS 46 45.35
CKL 1.41 348 eP 46 27.25 -0.6
CKN 1.42 351 eP 46 27.77 -0.2
CRP 1.46 352 eP 46 28.22 -0.4
BGL 1.48 347 eP 46 28.58 -0.3
MCNL 1.49 245 eP 46 27.75 -1.2
CGLM 1.49 355 eP 46 28.60 -0.4
NCG 1.59 352 eP 46 30.24 -0.3
SUA 1.71 16 eP 46 31.90 -0.2
PMS 1.77 36 eP 46 33.09 0.1
PWA 2.04 25 eP 46 37.20 0.6
SKT 2.16 2 eP 46 38.51 0.2
PLRM 2.18 35 eP 46 38.67 0.2
KNK 2.26 44 eP 46 38.88 -0.8
GHO 2.38 34 eP 46 41.80 0.3
SML 2.58 38 eP 46 43.71 -0.6
CUT 2.68 15 eP 46 45.45 -0.1
FID 2.76 68 eP 46 44.05 -2.8
39 obs. associated

FEB 15, 1992 11h 36m 10.29± 0.23s
19.281 S ± 6.6km 177.955 W ± 3.9km
DEPTH = 484.8km (3 depth phases)
4.9mb (38 obs.)
FIJI ISLANDS REGION (181)

TVI 3.07 319 iPc 37 21.40 0.1
KRO 3.19 307 iPc 37 21.90 -0.2
SVA 3.59 288 eP 37 25.00 -0.1
VUN 3.62 290 eP 37 25.00 -0.4
UDU 3.67 328 iPc 37 25.30 -0.4
NDE 3.73 315 iPc 37 26.40 0.1
MBU 3.91 305 iPc 37 28.00 0.3
YSA 4.97 300 ePc 37 36.90 -0.1
DZM 14.86 257 iPc 39 20.10 0.0
AFR 26.78 91 iP 41 10.80 -1.2
0.8s 90.00nm 5.3mb
TBI 26.83 104 iP 41 13.00 0.6
0.8s 60.00nm 5.1mb
PAE 26.95 91 iP 41 12.40 -1.1
0.8s 45.00nm 5.0mb
PPT 26.97 91 iP 41 12.70 -1.0
0.8s 55.00nm 5.1mb
PPN 27.11 91 iP 41 13.80 -1.1
0.8s 50.00nm 5.1mb
PMO 29.01 86 iP 41 30.60 -0.9
0.8s 40.00nm 5.0mb
VAH 29.22 87 iP 41 31.70 -1.6
0.8s 30.00nm 4.8mb
TPT 29.28 86 iP 41 32.30 -1.6
0.8s 65.00nm 5.2mb
RUV 29.46 87 iP 41 33.60 -1.8
0.8s 90.00nm 5.3mb
ARMA 29.66 242 iPc 41 38.00 0.8
0.2s 4.00nm 4.6mb
RMQ 31.43 251 iPd 41 53.40 1.0
CAN 33.24 234 eP 42 08.20 0.7
BWA 33.40 236 eP 42 04.40 -4.5X
CMS 34.75 242 iPd 42 21.00 0.8
0.8s 16.00nm 4.6mb
QIS 39.84 261 eP 43 01.50 -0.7
0.1s 5.00nm 5.0mb
eS 47 52.00
RKT 40.15 103 iP 43 05.10 0.5
1.0s 100.00nm 5.3mb
WB2 44.81 261 iPc 43 40.80 -0.9
0.2s 56.40nm 5.7mb
WRA 44.82 261 P 43 26.50 -15.3X
0.9s 0.30nm
ASPA 44.85 256 iPd 43 41.60 -0.4
0.4s 102.90nm 5.7mb
iS 49 43.00
iScS 52 47.30
GUA 49.00 309 eP 44 13.20 -0.5
0.8s 161.19nm 5.5mb
GUMO 49.07 309 eP 44 13.80 -0.4
0.9s 206.10nm 5.6mb
PJG 49.07 309 eP 44 13.70 -0.5
MTN 49.21 269 eP 44 14.00 -1.3
FORR 49.79 246 eP 44 18.70 -0.7
0.3s 16.00nm 4.9mb
WARB 51.25 252 eP 44 29.60 -0.6
0.3s 6.00nm 4.5mb
COOL 55.77 245 eP 45 01.20 -1.3
BAL 59.60 245 eP 45 27.80 -0.8
MUN 59.90 244 eP 45 30.30 -0.3
MRWA 60.36 247 eP 45 33.00 -0.7
KAKJ 67.92 324 P 46 21.10 -0.2
CHJJ 68.46 324 eP 46 23.80 -0.9
IIDJ 68.67 322 eP 46 25.40 -0.6
MAT 69.26 323 iPd 46 28.10 -1.4
0.7s 19.86nm 4.8mb
NIIJ 69.32 324 eP 46 28.60 -1.2
MTMJ 69.52 323 eP 46 30.50 -0.7
TSRJ 69.84 321 eP 46 33.10 0.2
SPA 70.84 180 iPc 46 39.80 1.2
1.1s 27.38nm 4.7mb
ADK 70.87 1 eP 46 37.90 -0.7
0.9s 87.50nm 5.3mb
SMY 72.04 355 eP 46 44.30 -1.1
0.4s 53.80nm 5.5mb
SDN 75.80 10 eP 47 05.80 -0.7
RVR 78.30 48 eP 47 21.00 0.3
PLM 78.31 48 eP 47 22.00 1.0
SBB 78.36 47 eP 47 21.00 -0.1
ISA 78.46 46 eP 47 23.00 1.4
CMB 78.54 43 P 47 23.50 1.5
1.0s 5.00nm 4.0mb
CLC 79.14 46 eP 47 26.00 0.9
TPC 79.29 48 eP 47 27.00 1.1
GLA 79.61 50 eP 47 29.00 1.4
KDC 79.61 14 eP 47 27.70 0.7
BONR 79.85 44 P 47 30.60 1.5
TNP 80.63 44 P 47 33.30 0.2
0.8s 4.39nm 4.0mb
pP 49 18.10 473km
PDB 81.14 12 P 47 33.50 -1.4
RSO 82.04 12 P 47 38.40 -1.4
AIA 82.07 157 eP 47 43.30 3.6X
SVW 82.10 11 eP 47 39.60 -0.3
0.9s 8.33nm 4.3mb
SLKM 82.62 13 P 47 41.40 -1.0
RMW 83.34 35 P 47 47.50 1.1
MCW 83.56 33 P 47 48.70 1.3
TTA 83.74 10 eP 47 48.90 0.8
PMR 83.83 13 eP 47 48.10 -0.3
0.5s 25.20nm 5.1mb
KLU 84.48 15 P 47 51.20 -0.6
TOA 84.95 14 eP 47 55.10 1.1
BALM 85.00 17 P 47 54.00 -0.4
BJI 85.06 315 eP 47 56.00 1.1
1.2s 22.00nm 4.7mb
PNT 85.63 34 ePc 47 59.00 1.5
0.9s 19.00nm 4.8mb
SRU 85.65 46 P 47 58.60 0.5
pP 49 47.80 489km
NEW 86.36 36 P 48 01.30 0.2
0.9s 8.77nm 4.5mb
ANMO 86.61 51 P 48 03.80 1.0
1.0s 7.00nm 4.3mb
pP 49 54.00 493km
IMA 87.04 10 eP 48 04.40 0.3
0.7s 5.90nm 4.4mb
FBA 87.05 12 eP 48 03.20 -0.8
0.7s 40.20nm 5.3mb
LRM 87.75 40 eP 48 08.70 0.7
BW06 88.06 43 P 48 09.80 0.3
1.0s 5.83nm 4.4mb
CHG 89.87 290 eP 48 20.50 2.5

0.9s 15.76nm 4.9mb
SES 90.87 36 eP 48 22.00 0.0
LZH 92.06 307 eP 48 29.50 1.5
1.5s 31.00nm 5.1mb
RSSD 92.25 44 P 48 29.00 0.2
1.3s 23.23nm 5.1mb
INK 93.09 15 eP 48 31.00 -0.8
YKA 95.39 25 eP 48 41.20 -1.2
0.7s 2.90nm 4.6mb
NB2 137.78 353 PKP 54 40.70 0.8
0.7s 1.10nm
EKA 143.79 5 PKP 54 49.00 -1.5
2.9s 656.60nm
KAS 145.17 316 iPKPd 54 55.20 1.8
KSP 146.54 344 iPKPd 54 58.00 2.7
e 55 09.10
e 56 51.20
VRI 146.57 328 ePKP 55 01.00 5.5X
SPC 146.77 338 ePKP 54 56.20 0.3
CVO 146.87 328 ePKP 55 00.00 4.0X
CLL 146.89 347 iPKPc 54 58.70 2.9X
1.1s 20.00nm
e 56 52.00
BRG 147.09 346 iPKP 54 59.40 3.3X
1.0s 20.00nm
i 55 02.30
MLR 147.22 328 ePKPc 55 00.00 3.3X
ADI 147.36 302 ePKP 54 58.20 1.0
PRU 147.78 345 PKP 55 01.20 3.9X
e 55 05.00
MKT 147.97 298 ePKP 55 01.40 3.2X
RMN 148.51 297 ePKP 55 02.40 3.2X
SRO 148.61 339 ePKP 55 02.70 4.1X
ZST 148.68 340 ePKP 55 02.70 4.0X
GRF 148.78 348 ePKP 55 04.10 5.2X
e 55 09.30
KHC 148.81 345 PKPd 55 03.70 4.7X
1.2s 12.50nm
e 55 09.50
GEC2 149.04 345 PKP 55 02.80 3.4X
0.6s 3.03nm
DOU 149.19 357 PKPc 55 04.50 5.1X
WLF 149.51 355 PKP 55 06.00 6.1X
FLN 150.52 3 ePKP 55 07.20 5.7X
0.7s 17.65nm
CDF 150.63 353 ePKP 55 07.90 6.1X
0.6s 7.20nm
LDF 150.71 3 ePKP 55 07.70 5.9X
0.5s 7.30nm
KBA 150.77 344 i(PKP)55 08.00 5.8X
0.9s 16.90nm
i 55 08.60
i 55 18.80
GRR 150.87 4 ePKP 55 08.30 6.3X
0.5s 11.65nm
PTJ 151.07 340 ePKP 54 56.00 -6.5X
HAU 151.13 354 ePKP 55 08.90 6.4X
0.5s 7.30nm
LPF 151.21 4 ePKP 55 09.00 6.5X
0.5s 18.95nm
BSF 151.26 353 ePKP 55 09.10 6.3X
0.6s 8.10nm
LJU 151.39 342 e(PKP)55 09.50 6.6X
VOY 151.59 343 e(PKP)55 09.80 6.5X
VBY 151.65 340 iPKPc 55 10.80 7.6X
e 55 12.70
e 55 22.20
e(PKPa55 27.40
CEY 151.70 342 ePKP 55 10.00 6.6X
LOR 152.05 357 ePKP 55 10.90 7.1X
0.7s 11.00nm
SSF 152.27 358 ePKP 55 11.60 7.5X
0.7s 9.90nm
LBF 152.32 357 ePKP 55 11.70 7.5X
0.7s 5.50nm
AVF 152.54 358 ePKP 55 11.90 7.4X
MFF 152.69 3 ePKP 55 12.30 7.6X
0.7s 8.80nm
BGF 152.79 359 ePKP 55 12.50 7.7X
0.5s 2.90nm
TCF 153.07 360 ePKP 55 13.20 7.9X
0.8s 4.70nm
LSF 153.10 1 ePKP 55 12.90 7.6X
0.7s 5.50nm
MAF 153.13 359 ePKP 55 13.70 8.4X
LPL 153.55 353 ePKP 55 15.20 9.0X
LPG 153.57 353 ePKP 55 15.30 9.0X

S.D. = 1.0 on 90 of 132 obs.

& FEB 15, 1992 11h 37m 34.96s
57.606 N 152.751 W
DEPTH = 0.0km
KODIAK ISLAND REGION (13)
<AEIC>. ML 3.5 (AEIC), 3.7
(PMR). Felt (III) at Larsen Bay
and Port Lions.

KDC 0.20 44 iPc 37 39.10 0.2
CDD 1.41 341 iP 37 59.67 -2.2
AUI 1.77 349 eP 38 05.67 -1.4
AUE 1.79 350 eP 38 06.45 -0.8
MCNL 1.79 333 eP 38 06.05 -1.3
eS 38 29.65
AUP 1.80 349 eP 38 06.44 -1.1
XLV 1.93 16 eP 38 08.08 -1.3
eS 38 34.43
CNPM 2.08 22 iP 38 09.83 -1.8
eS 38 39.07
BGM 2.21 325 eP 38 12.24 -1.3
PDB 2.31 342 eP 38 13.10 -1.8
eS 38 43.82
BRLK 2.37 23 eP 38 13.25 -2.6
INE 2.47 356 eP 38 15.66 -1.6
INW 2.48 356 eP 38 15.66 -1.7
NNL 2.56 17 iP 38 16.65 -1.7
RED 2.82 360 eP 38 20.47 -1.8
RS1 2.86 360 eP 38 20.98 -2.0
RSO 2.87 360 eP 38 20.97 -2.0
RS2 2.87 360 eP 38 21.02 -2.0
RDW 2.89 359 eP 38 22.17 -1.1
REF 2.89 0 iP 38 21.36 -2.0
RDT 2.98 3 iP 38 22.12 -2.4
DFR 3.00 1 eP 38 22.68 -2.0
SEW 3.04 33 eP 38 21.57 -3.6
SLKM 3.19 23 eP 38 24.21 -3.2
BKG 3.48 4 iP 38 28.97 -2.7
LTI 3.53 44 eP 38 31.59 -0.6
MTU 3.57 46 eP 38 29.13 -3.6
SPU 3.60 5 eP 38 30.44 -2.9
CKL 3.61 3 eP 38 30.80 -2.6
CKN 3.64 4 eP 38 31.63 -2.2
BGL 3.67 3 eP 38 31.99 -2.3
CRP 3.69 4 eP 38 32.23 -2.3
CGLM 3.73 6 eP 38 32.93 -2.3
SVW 3.81 339 eP 38 34.30 -1.9
NCG 3.82 4 eP 38 34.01 -2.5
PMS 4.00 23 eP 38 35.60 -3.3
SUA 4.00 14 eP 38 35.77 -3.3
PWA 4.31 19 eP 38 41.00 -2.3
GLI 4.38 39 eP 38 40.18 -4.1
KNK 4.40 28 eP 38 40.43 -4.2
PLRM 4.40 23 eP 38 40.36 -4.2
PMR 4.40 23 eP 38 40.90 -3.6
SKT 4.43 7 eP 38 41.04 -4.0
GHO 4.61 23 eP 38 43.45 -4.1
VZW 4.70 40 eP 38 44.78 -4.0
SML 4.77 26 eP 38 46.32 -3.6
SDN 4.86 245 P 38 50.90 -0.1
SGAM 4.86 50 eP 38 46.40 -4.7
KAIM 4.92 58 eP 38 47.89 -4.1
CUT 4.97 13 eP 38 51.67 -1.0
KLU 5.22 39 eP 38 51.92 -4.3
TTA 5.58 344 eP 38 58.90 -2.5
TOA 5.60 34 eP 38 56.48 -5.1
HUR 5.61 15 eP 38 59.34 -2.3
TZL 5.78 37 eP 39 01.48 -2.6
CROM 5.86 53 eP 39 01.05 -4.4
GLB 5.96 46 eP 39 01.68 -4.9
TRF 5.99 11 eP 39 04.42 -2.7
TGL 6.00 54 eP 39 02.28 -4.9
WRG 6.08 62 eP 39 03.09 -5.2
SDG 6.11 33 eP 39 06.20 -2.6
RND 6.13 17 eP 39 05.58 -3.5
YAH 6.32 59 eP 39 07.07 -4.9
BALM 6.34 53 eP 39 07.13 -5.0
MCK 6.43 15 eP 39 10.44 -2.8
PAX 6.48 31 eP 39 10.98 -3.1
CTGM 6.75 55 eP 39 13.14 -4.7
BWN 6.78 12 eP 39 16.57 -1.6
YKU 7.08 69 eP 39 18.10 -4.3
WRH 7.25 16 eP 39 22.17 -2.5
CCB 7.46 17 eP 39 22.23 -5.4
FBA 7.70 16 eP 39 27.10 -3.9
IMA 8.51 357 eP 39 37.90 -4.5

YKA 19.44 59 eP 42 05.30 -0.3
0.6s 0.40nm 2.9mb
74 obs. associated

? FEB 15, 1992 11h 42m 44.07± 1.05s
9.406 S ±15.5km 117.606 E ±11.8km
DEPTH = 33.0km (normal)
4.7mb (4 obs.)
SUMBAWA REGION, INDONESIA (285)

KHKI 2.23 298 ePd 43 19.50 0.1
eS 43 53.30
e 48 38.00
NANU 13.23 188 iPc 45 42.90 -9.3X
e 46 03.00
eS 48 29.00
MTN 13.70 106 eP 46 00.00 1.5
WARB 18.76 154 eP 47 04.00 1.1
0.4s 35.00nm 4.9mb
WB2 19.27 125 iPd 47 07.30 -1.8
0.7s 29.80nm 4.7mb
i 47 10.60
i 54 33.80
MRWA 19.77 184 eP 47 15.00 0.6
eS 51 04.50
ASPA 21.06 134 iPd 47 27.00 -0.9
0.5s 13.80nm 4.6mb
BAL 21.11 182 eP 47 28.00 -0.3
eS 51 37.00
COOL 21.62 172 iPc 47 33.70 0.2
eS 51 46.00
FORR 23.47 157 eP 47 51.00 -0.6
0.3s 10.00nm 4.8mb
S.D. = 1.2 on 9 of 10 obs.

FEB 15, 1992 12h 41m 49.00± 0.63s
40.500 N ± 5.0km 23.646 E ± 6.1km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 2.3 (THE).

OUR 0.31 123 ePg 41 55.53 0.2
eSg 41 59.85
SOH 0.39 325 ePg 41 57.33 0.3
eSg 42 02.82
THE 0.54 284 ePg 41 58.76 -1.1
eSg 42 06.17
PAIG 0.57 177 ePg 41 59.85 -0.8
eSg 42 07.26
SRS 0.62 356 ePg 42 01.21 -0.2
eSg 42 10.98
KNT 0.87 320 ePg 42 06.42 0.7
eSg 42 16.78
LIT 0.97 246 ePg 42 08.14 0.7
eSg 42 20.69
GRG 1.05 296 ePg 42 09.30 0.5
eSg 42 24.14
VAY 1.16 316 ePn 42 09.70 -0.9
AGG 1.79 215 ePb 42 20.62 0.4
S.D. = 0.8 on 10 of 10 obs.

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* FEB 15, 1992 12h 52m 51.77± 0.35s
42.803 N ± 7.2km 46.524 E ± 4.7km
DEPTH = 15.2km (5 depth phases)
4.9mb (44 obs.)
EASTERN CAUCASUS (337)
Felt (IV) at Groznyy and (III)
at Makhachkala.

TAB 4.73 182 eP 54 13.00 8.6X
MSL 6.92 203 ePnc 54 39.00 4.0X
eP* 54 55.50
ePg 55 12.00
eSn 56 01.50
eS* 56 26.00
eLg 56 36.50
eSg 56 46.50
TEH 8.00 150 eP 54 51.00 0.7
KER 8.45 177 eP 55 02.00 5.4X
KAS 9.59 266 eP 55 15.00 2.7
BHD 9.66 191 eP 55 14.20 1.1
ePP 55 29.50
eS 58 12.50
eSS 58 27.50
eLQ 00 49.50
MAIO 11.93 119 eP 55 41.00 -3.2X
eS 57 53.00

```
OBN     13.91 336 eP     56 07.00  -3.3X
        0.6s     60.00nm          5.6mb
      Z  12s      0.90um          4.2Msz
      N  14s      1.50um
                   ePP   56 20.00
                   eS    58 36.00
CLI     14.19 292 eP     56 15.00   0.9
DSI     14.29 222 eP     56 22.90   7.5X
VRI     14.50 289 eP     56 19.00   0.9
ISR     14.58 286 eP     56 21.00   1.8
CVO     14.88 289 eP     56 40.00  16.9X
MLR     15.01 287 eP     56 29.00   4.0X
RMN     15.53 222 eP     56 31.60  -0.2
MTUR    15.63 286 eP     56 39.00   6.1X
CMP     15.64 286 eP     56 24.00  -9.1X
MBH     16.02 219 eP     56 39.40   1.4
COZ     16.14 287 eP     56 44.00   4.4X
BMR     16.91 295 ePc    57 04.00  14.8X
SRE     16.95 284 eP     56 50.00   0.3
DEV     17.16 288 ePc    56 55.00   2.7
VAY     17.84 273 iP     57 02.50   1.7
SKO     18.53 276 iP     57 15.50   6.1X
OHR     19.19 274 iP     57 18.60   1.2
        1.2s    125.00nm          5.0mb
SPC     19.29 298 eP     57 18.60  -0.2
                  e      03 21.20
PSZ     19.35 295 iP     57 20.20   0.8
PVY     19.49 278 iPd    57 20.45  -0.7
IVA     19.50 279 iPd    57 22.84   1.6
KRA     19.64 301 eP     57 21.50  -1.0
        0.8s     40.00nm          4.8mb
                  e      57 26.00  18km
PLE     19.80 281 iPd    57 27.07   2.6
TTG     20.04 278 iPd    57 26.65  -0.2
ULC     20.14 277 eP     57 26.25  -1.7
NKY     20.17 279 iPd    57 28.53   0.2
UZD     20.18 290 eP     57 31.00   2.8
BDV     20.38 278 iPd    57 30.02  -0.4
SRO     20.41 294 iP     57 31.10   0.5
BRY     20.48 280 iPd    57 31.38  -0.2
HCY     20.59 279 iPd    57 30.08  -2.5
QUE     20.63 121 eP     57 33.20   0.0
        1.0s     50.00nm          4.8mb
ZST     21.24 295 iP     57 38.70  -0.5
                  e      03 20.00
VKA     21.77 295 eP     57 46.00   1.5
                  i      57 51.00  18km
PTJ     22.01 289 eP     57 47.40   0.4
KSP     22.07 302 eP     57 47.00  -0.5
                  e      02 13.80
NUR     22.14 331 eP     57 48.00   0.0
                  e      04 52.00
VBY     22.53 288 eP     57 57.00   5.0X
KAF     22.75 335 iPKP   57 54.40   0.4
LJU     22.99 289 eP     57 58.00   1.3
PRU     23.07 299 eP     57 57.80   0.5
CEY     23.09 288 e(P)   58 04.50   6.9X
VOY     23.44 289 e(P)   58 01.60   0.5
GEC2    23.53 296 Pd     58 02.80   0.8
        0.5s      2.16nm          3.9mb
BRG     23.55 301 eP     58 02.80   0.8
        1.5s     15.00nm          4.3mb
TRI     23.55 288 eP     58 02.10   0.0
KHC     23.63 297 P      58 04.00   1.2
        1.2s     10.00nm          4.2mb
                  e      58 07.10  11km
                  i      58 15.00
KBA     23.77 292 iPc    58 05.20   0.9
        0.6s     17.80nm          4.8mb
                  i      58 09.90  17km
                  i      58 12.30
                  i      58 35.20
BHG     24.07 293 eP     58 11.10   4.0X
FVI     24.17 291 P      58 11.10   3.1X
AOU     24.31 280 P      58 13.80   4.3X
AZI     24.37 279 P      58 11.70   1.7
ARV     24.42 283 P      58 12.60   2.0
UPP     24.54 324 iP     58 10.90  -0.6
ASS     24.70 282 P      58 15.70   2.4
CTI     25.00 290 P      58 19.30   3.1X
MOX     25.00 300 iP     58 16.80   0.8
        0.9s     24.00nm          4.9mb
      Z  17s      0.40um          4.0MszX
      N  25s      1.10um
CRE     25.11 284 P      58 24.10   6.9X
FUR     25.14 295 iPc    58 21.90   4.5X
GRF     25.19 298 eP     58 18.70   0.8
      Z  26s      0.40um          3.8MszX
SOTA    25.22 292 iPd    58 18.90   0.6
        0.9s     48.90nm          5.2mb
                  i      58 27.40  30kmX
OGA     25.36 292 iPc    58 21.50   1.8
        1.0s     26.00nm          4.9mb
MAO     25.92 281 P      58 28.60   3.8X
OSS     25.98 291 P      58 25.80   0.3
BDI     26.00 285 Pd     58 28.60   3.1X
HFS     26.41 322 eP     58 27.70  -1.4
        0.6s      9.00nm          4.6mb
      Z  16s      0.51um          4.2MszX
                   LR    08 31.00
VDL     26.46 291 P      58 32.10   2.1
LLS     26.75 292 P      58 30.80  -1.8
TMA     26.91 290 P      58 36.10   2.0
SLE     27.02 294 P      58 37.30   2.4
ZLA     27.11 293 P      58 38.10   2.4
MMK     27.55 290 P      58 41.90   2.0
CDF     27.80 295 eP     58 40.30  -1.7
        0.8s      5.35nm          4.3mb
NB2     27.91 323 P      58 40.90  -1.9
        0.9s      6.80nm          4.4mb
DIX     27.93 290 P      58 47.80   4.4X
BSF     28.16 294 eP     58 43.30  -2.0
EMS     28.26 290 P      58 45.60  -0.7
SBF     28.28 286 eP     58 45.20  -1.1
        0.7s     13.25nm          4.8mb
NDI     28.44 110 eP     58 47.50  -0.3
HAU     28.45 295 eP     58 45.70  -2.1
        0.7s     20.95nm          5.0mb
      Z  24s      0.32um          3.8MszX
LPG     28.47 289 eP     58 46.30  -2.0
LPL     28.48 289 eP     58 46.40  -1.9
FRF     28.90 285 eP     58 50.50  -1.3
        0.7s     13.25nm          4.8mb
DOU     29.48 299 Pc     59 01.70   4.7X
        0.9s     17.50nm          4.9mb
LBF     30.15 293 eP     59 00.80  -2.3
        0.9s     12.30nm          4.7mb
LOR     30.20 293 eP     59 01.60  -1.9
        0.7s      4.10nm          4.4mb
      Z  21s      0.17um          3.7Msz
SMF     30.29 292 eP     59 02.30  -2.0
        0.8s      7.40nm          4.6mb
TRO     30.40 341 eP     59 08.00   3.0X
SSF     30.46 293 eP     59 03.50  -2.3
AVF     30.61 293 eP     59 04.50  -2.5
        0.9s     14.75nm          4.8mb
BGF     30.99 292 eP     59 08.80  -1.6
        1.0s     15.00nm          4.8mb
MAF     31.23 292 eP     59 10.70  -1.9
        1.0s     13.00nm          4.8mb
TCF     31.47 292 eP     59 12.90  -1.7
        0.9s     11.45nm          4.8mb
LDF     32.68 297 eP     59 22.70  -2.5
        0.7s     11.00nm          4.9mb
FLN     32.89 297 eP     59 24.50  -2.5
        0.8s     24.20nm          5.2mb
      Z  21s      0.28um          3.9Msz
GRR     33.19 296 eP     59 26.90  -2.7
        0.7s     20.95nm          5.2mb
LPF     33.37 296 eP     59 28.50  -2.6
GKN     34.08 103 P      59 37.40  -0.4
        0.7s     37.00nm          5.4mb
DMN     34.65 103 P      59 41.60  -1.2
KKN     34.67 103 P      59 42.40  -0.5
        0.8s     34.00nm          5.3mb
PKI     34.89 103 P      59 44.60  -0.3
        0.9s     51.00nm          5.4mb
GUN     35.03 102 P      59 46.00  -0.1
        1.0s     68.00nm          5.5mb
HYB     37.15 123 eP     00 05.50   1.8
IRK     39.18  55 eP     00 23.00   2.6
                   LR    16 30.00
DAG     43.14 342 eP     00 51.00  -1.6
LZH     44.04  79 eP     01 03.50   2.9X
        1.5s     31.00nm          4.9mb
      Z  15s      0.48um          4.5MszX
BCAO    45.58 221 iPd    01 11.30  -1.6
        0.3s     10.00nm          5.2mb
KMI     48.94  92 eP     01 40.50   1.0
                   sP    02 06.50
CHG     50.05 102 eP     01 46.70  -1.1
YAK     50.35  37 iPc    01 48.00  -1.5
        1.0s     50.00nm          5.4mb
BJI     50.93  68 eP     01 57.50   3.3X
      Z  10s      0.38um          4.7MszX
      N  12s      0.62um
NST     52.96 104 eP     02 14.80   5.0X
TIC     57.83 247 P      02 42.32  -2.7
        0.7s     11.00nm          5.0mb
KIC     57.84 246 P      02 42.52  -2.6
        0.6s      6.50nm          4.8mb
LIC     58.14 246 P      02 44.60  -2.5
        0.6s     13.00nm          5.1mb
MBC     60.89 356 ePc    03 05.00  -0.4
        0.6s      3.00nm          4.6mb
INK     69.22   0 eP     03 58.00  -1.2
IMA     70.35   9 eP     04 06.10  -0.3
        0.6s      3.40nm          4.7mb
FBA     72.05   6 eP     04 16.10  -0.4
        1.0s      3.00nm          4.3mb
                   pP    04 20.10  13km
TTA     73.08  11 e(P)   04 24.70   2.0
YKA     73.96 351 eP     04 26.60  -1.1
        0.8s      6.80nm          4.7mb
SVW     74.89  11 eP     04 35.70   2.6
TOA     74.94   6 eP     04 34.80   1.3
PWA     75.05   8 eP     04 34.40   0.4
        0.9s     17.10nm          5.1mb
KLU     75.57   6 P      04 37.10   0.0
SLKM    76.14   8 P      04 41.60   1.4
BALM    76.27   4 P      04 44.00   3.0X
PDB     76.36  11 P      04 43.90   2.5
FFC     79.20 342 eP     04 57.00  -0.2
        0.7s     11.00nm          5.0mb
SES     85.14 346 eP     05 29.00   0.9
PNT     87.46 351 eP     05 43.00   3.4X
NEW     88.18 349 eP     05 44.00   0.9
RSSD    89.54 339 P      05 52.00   2.1
TNP     98.15 347 P      06 33.70   4.3X
      S.D. = 1.6  on 110 of 142 obs.
-----------------------------------------
&  FEB  15, 1992  13h 30m 02.40s
   63.453 N            150.912 W
   DEPTH =  14.5km
 CENTRAL ALASKA                    (  1)
      <AEIC>. ML 3.0 (AEIC), 3.3
      (PMR).

KTH      0.10 358 iP     30 05.47  -0.4
TRF      0.28  90 iP     30 09.11   0.4
HUR      0.75 129 iP     30 16.90   0.2
                  eS     30 27.43
MCK      0.93  72 eP     30 20.18   0.5
                  eS     30 33.55
RND      0.93  92 iP     30 20.21   0.5
                  eS     30 33.40
BWN      0.97  41 eP     30 21.52   1.2
CUT      1.09 164 iP     30 22.49   0.0
                  eS     30 37.54
NEA      1.39  35 eP     30 26.07  -1.1
SKT      1.51 191 eP     30 28.17  -0.7
MLY      1.59   3 eP     30 29.00  -1.1
                  eS     30 49.92
WRH      1.61  49 eP     30 29.39  -1.0
CCB      1.82  47 eP     30 32.50  -0.9
PWA      1.87 165 eP     30 34.10   0.0
MDM      1.91  37 eP     30 33.57  -1.2
GHO      1.92 151 eP     30 34.86  -0.1
HDA      1.99  60 eP     30 35.05  -0.9
FBA      1.99  42 eP     30 35.30  -0.6
SUA      2.00 178 eP     30 36.29   0.2
SML      2.04 143 eP     30 36.24  -0.4
PLRM     2.04 155 iP     30 36.39  -0.2
PMR      2.04 155 eP     30 36.80   0.2
NCG      2.14 196 eP     30 36.65  -1.5
GLM      2.18  43 eP     30 37.45  -1.2
CGLM     2.21 194 eP     30 38.82  -0.4
CRP      2.27 195 eP     30 39.84  -0.3
DDM      2.28  79 eP     30 43.28   3.1
BGL      2.30 198 eP     30 40.72   0.2
PMS      2.30 164 eP     30 41.20   0.7
CKN      2.31 195 eP     30 40.57   0.0
SPU      2.34 194 eP     30 39.67  -1.3
KNK      2.35 150 eP     30 41.25   0.2
CKL      2.36 197 eP     30 40.78  -0.5
TTA      2.37 259 eP     30 39.20  -2.2
BKG      2.47 195 eP     30 43.16   0.3
PAX      2.51  99 eP     30 44.16   0.7
TOA      2.56 120 eP     30 45.60   1.4
SDG      2.62 108 iP     30 46.01   1.1
IMA      2.88 337 eP     30 47.40  -1.3
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TZL      2.89 117 eP     30 51.26   2.5
RDT      2.97 194 eP     30 49.28  -0.7
SLKM     2.97 173 eP     30 50.38   0.5
DFP      2.99 197 eP     30 51.77   1.6
KLU      3.04 128 eP     30 51.78   0.9
DOT      3.07  83 eP     30 53.83   2.5
REF      3.09 197 eP     30 52.59   0.8
PRP      3.12  46 eP     30 50.89  -1.2
RS2      3.13 197 eP     30 53.80   1.6
RSO      3.13 197 eP     30 53.75   1.5
RS1      3.13 197 eP     30 54.01   1.8
GLI      3.14 144 eP     30 53.00   0.7
VZW      3.15 138 eP     30 53.24   0.8
RED      3.17 197 eP     30 55.27   2.5
SVW      3.22 225 eP     30 52.23  -1.3
TMW      3.56  89 eP     30 59.52   1.2
BRLK     3.70 180 eP     31 02.03   1.7
LTI      3.72 156 eP     31 00.33  -0.2
MTU      3.81 155 eP     31 01.27  -0.5
GLB      3.87 118 eP     31 03.82   1.2
CNPM     3.94 182 eP     31 04.79   1.1
PDB      4.00 205 eP     31 05.00   0.6
SGAM     4.00 135 eP     31 05.18   0.7
AUP      4.28 197 eP     31 09.20   0.7
CROM     4.54 123 eP     31 13.24   0.9
TGL      4.66 122 eP     31 14.11   0.1
BALM     4.68 117 eP     31 14.71   0.4
KAIM     4.70 136 eP     31 14.09  -0.3
CTGM     5.13 115 eP     31 21.14   0.5
YAH      5.33 121 eP     31 23.34  -0.1
YKA     16.39  77 eP     33 55.20   2.1
        0.4s     0.10nm          2.3mb X
        69 obs. associated
-----------------------------------------
*  FEB  15, 1992  13h 30m 32.02± 0.75s
   42.462 N ±12.0km   46.493 E ±11.9km
   DEPTH =  33.0km  (normal)
   4.0mb (  6 obs.)
 EASTERN CAUCASUS                  (337)

MSL      6.60 204 ePnc   32 07.00  -2.2
                  eSn    33 39.00
                  eSg    34 15.00
MAIO    11.79 117 eP     33 23.00   2.1
                  eS     35 31.00
OBN     14.21 336 eP     33 47.00  -5.7X
        1.0s    17.00nm          4.6mb
                  e      34 26.00
                  e      35 11.00
                  eS     36 12.00
VRI     14.59 290 eP     34 00.00   2.2
ISR     14.65 287 eP     34 10.00  11.3X
CVO     14.97 290 eP     34 12.00   9.2X
MLR     15.10 289 eP     34 08.00   3.4X
SPC     19.43 299 eP     35 00.80   2.2
SRO     20.52 295 eP     35 15.00   5.1X
ZST     21.37 296 eP     35 15.00  -3.5X
KSP     22.24 303 eP     35 29.00   1.8
NUR     22.43 331 iP     35 27.50  -1.4
KAF     23.05 336 iP     35 33.80  -1.2
        0.4s     3.00nm          4.1mb
GEC2    23.67 297 P      35 41.70   0.4
        0.6s     0.74nm          3.4mb
KHC     23.76 298 eP     35 44.00   1.8
HFS     26.67 323 eP     36 07.70  -1.7
        0.5s     2.30nm          4.1mb
NB2     28.16 323 P      36 21.50  -1.6
        0.4s     1.10nm          3.9mb
CHG     50.00 101 eP     39 26.00   0.8
TIC     57.67 247 P      40 21.30  -0.4
KIC     57.69 246 P      40 21.30  -0.5
LIC     57.98 247 P      40 23.50  -0.3
FBA     72.39   6 (P)    41 55.50  -0.7
                  pP     41 59.50  13kmX
YKA     74.30 351 eP     42 05.80  -1.5
        0.8s     1.60nm          4.1mb
      S.D. = 1.7  on  17 of  23 obs.
-----------------------------------------
   FEB  15, 1992  13h 37m 40.17± 0.34s
   42.934 N ± 5.8km   46.548 E ± 5.1km
   DEPTH =  33.0km  (normal)
   4.2mb ( 12 obs.)
 EASTERN CAUCASUS                  (337)

TAB      4.86 182 eP     39 01.00   7.9X
MSL      7.05 203 ePnc   39 24.50   0.8
                  eP*    39 42.50
                  ePg    39 58.00
                  eSn    40 47.00
                  eS*    41 10.50
                  eSg    41 33.50
TEH      8.10 151 eP     39 38.00  -0.6
BHD      9.79 191 eP     40 02.00   0.3
                  eS     42 03.00
                  eLQ    43 54.00
MAIO    11.97 119 eP     40 32.00   0.4
                  eS     42 36.00
HMDT    13.77 223 eP     41 00.30   5.1X
OBN     13.80 335 eP     40 55.00  -0.5
        1.0s    38.00nm          5.1mb
                  ePP    41 07.00
                  e      41 52.00
                  eS     43 20.00
PRNI    15.59 220 eP     41 19.40   0.3
MBH     16.13 219 eP     41 25.20  -0.9
DEV     17.14 288 ePd    41 40.00   1.4
OHR     19.20 273 eP     42 03.50  -0.5
SPC     19.24 298 eP     42 02.60  -1.9
PSZ     19.31 294 eP     42 05.40   0.1
UZD     20.15 290 e(P)   42 16.00   1.9
SRO     20.37 294 eP     42 15.20  -1.2
QUE     20.68 121 eP     42 17.60  -2.4
ZST     21.20 295 eP     42 24.50  -0.5
VKA     21.73 295 e(P)   42 30.00  -0.3
PTJ     21.98 288 eP     42 33.60   0.6
NUR     22.03 331 eP     42 34.00   0.8
        0.5s     5.20nm          4.2mb
                  i      42 43.80
KAF     22.63 335 eP     42 40.00   0.9
        0.5s     3.30nm          4.1mb
PRU     23.02 299 P      42 42.90  -0.1
                  e      43 14.50
GEC2    23.49 296 P      42 48.00   0.3
        0.6s     1.73nm          3.8mb
BRG     23.50 301 eP     42 49.40   1.8
        1.0s    10.00nm          4.3mb
TRI     23.53 288 eP     42 49.10   1.1
KHC     23.59 297 P      42 47.50  -1.1
        1.0s     5.40nm          4.0mb
                  e      43 07.60
KBA     23.73 292 e(P)   42 49.00  -1.2
CLL     24.14 302 i(P)   42 55.00   1.2
        1.5s    24.00nm          4.5mb
UPP     24.45 324 eP     42 58.00   1.3
MOX     24.95 300 eP     43 01.70   0.0
        1.3s    21.00nm          4.6mb
                  e      50 43.30
GRF     25.15 298 eP     43 05.30   1.7
      Z  22s     0.10um          3.3Msz
HFS     26.32 322 eP     43 13.40  -0.9
        0.7s     9.10nm          4.5mb
      Z  16s     0.20um          3.8MszX
                  LR     52 59.00
NB2     27.81 323 P      43 25.60  -2.4
        0.8s     2.70nm          4.0mb
GKN     34.10 103 P      44 24.40   0.5
DMN     34.66 103 P      44 29.00   0.1
KKN     34.68 103 P      44 30.40   1.4
PKI     34.90 103 P      44 31.80   0.7
GUN     35.04 102 P      44 33.60   1.3
BCAO    45.69 221 iPd    45 57.80  -1.9
        0.2s    14.00nm          5.5mb X
CHG     50.06 102 eP     46 34.50   0.7
YAK     50.23  38 eP     46 33.00  -1.6
TIC     57.89 247 P      47 27.60  -3.8X
KIC     57.91 246 Pc     47 27.60  -3.9X
LIC     58.21 246 Pc     47 29.70  -3.8X
FBA     71.92   6 (P)    49 01.00  -0.5
        0.8s     2.76nm          4.3mb
YKA     73.84 351 eP     49 11.70  -1.1
        0.7s     1.50nm          4.1mb
      S.D. = 1.2  on  41 of  46 obs.
-----------------------------------------
%  FEB  15, 1992  14h 13m 00.69± 0.88s
   31.160 S ±11.8km   68.704 W ±16.5km
   DEPTH =  90.0km  (geophysicist)
 SAN JUAN PROVINCE, ARGENTINA      (137)

RTLL     0.26 130 iPc     13 14.00  -0.2
                  S      13 25.80
RTCB     0.34 194 iPd     13 14.20  -0.4
                  S      13 25.50
CFA      0.60 138 iPc     13 16.20  -0.3
                  S      13 29.00
RTBS     0.81 232 iPd     13 18.00  -0.5
                  S      13 32.20
RTRS     1.18 326 ePd     13 23.30   0.5
                  S      13 41.50
RFA      3.61 177 e(P)c   13 56.50   1.0
      S.D. = 0.8  on   6 of   6 obs.
-----------------------------------------
&  FEB  15, 1992  14h 36m 20.20s
   37.688 N          121.590 W
   DEPTH =  16.0km
 CENTRAL CALIFORNIA                ( 39)
      <BRK>. ML 4.0 (BRK).
      Mo=1.1*10**15 Nm (BRK). Felt
      (III) at Livermore, Modesto,
      Sunol and Tracy.

ARN      0.34 172 iPc     36 27.28  -0.2
MHC      0.35 187 iPd     36 27.45  -0.2
                  iS     36 32.70
BKS      0.54 290 iPc     36 30.46  -0.5
                  iS     36 38.27
STAN     0.54 239 iPc     36 30.59  -0.3
                  iS     36 38.60
ZSP      0.59 296 iPc     36 31.28  -0.3
                  eS     36 40.42
PCC      0.66 254 iPc     36 32.31  -0.5
                  eS     36 42.00
GCC      0.73 206 iPc     36 33.78  -0.3
                  iS     36 44.27
SAO      0.93 173 iPd     36 37.11  -0.4
CMB      1.01  70 iPc     36 38.45  -0.5
                  eS     36 50.72
LLA      1.19 154 iPd     36 41.35  -0.6
NWRM     1.28 307 ePn     36 41.05  -2.3
                  iPg    36 42.56
PRS      1.37 173 iPc     36 43.83  -0.7
FRI      1.65 114 iPc     36 47.48  -1.2
PRI      1.71 154 iP      36 49.39  -0.3
ORV      1.87   2 ePc     36 50.55  -1.2
PKEM     2.01 143 ePn     36 53.52  -0.4
                  ePg    37 00.40
                  eS     37 26.50
PHAM     2.08 152 ePn     36 54.28  -0.6
BONR     2.62  83 ePn     37 02.86   0.0
MIN      2.65 360 eP      37 03.02  -0.2
BCH      2.78 154 ePd     37 03.28  -1.6
WDC      2.98 346 eP      37 05.24  -2.4
                  eS     37 28.82
KVN      3.06  63 ePn     37 08.72  -0.3
                  eS     37 54.21
TNP      3.48  82 eP      37 19.42   4.4
                  eS     38 12.14
LBFM     3.66 356 eP      37 17.00  -0.6
PEC      5.23 135 eP      37 37.16  -2.4
GLA      7.20 128 eP      38 03.78  -3.6
MSU      7.47  81 eP      38 12.67   1.3
SRU      8.80  77 eP      38 31.49   1.6
        28 obs. associated
-----------------------------------------
%  FEB  15, 1992  14h 45m 51.64± 1.12s
   43.017 N ± 8.6km   18.741 E ± 7.6km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION        (383)
      ML 1.5 (TTG).

BRY      0.19 231 iPgd    45 56.09   0.2
                  iSg    45 58.98
NKY      0.28 137 iPgc    45 57.90   0.4
                  iSg    46 02.54
PLE      0.57  57 iPgc    46 03.24  -0.1
                  iSg    46 12.36
HCY      0.60 198 iPgc    46 03.45  -0.2
                  iSg    46 13.08
TTG      0.70 147 iPgc    46 05.25  -0.2
                  iSg    46 16.73
BDV      0.74 175 iPgd    46 06.01  -0.1
                  iSg    46 17.64
      S.D. = 0.3  on   6 of   6 obs.
-----------------------------------------
   FEB  15, 1992  14h 51m 04.19± 1.37s
   38.022 S ± 7.5km  176.530 E ± 7.8km
   DEPTH = 194.5 ± 12.7 km
 NORTH ISLAND, NEW ZEALAND         (159)

TAZ      0.21 185 eP      51 29.10  -0.8
UTU      0.31 240 P       51 30.00  -0.2
PATZ     0.42 211 eP      51 30.20  -0.4
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URZ      0.52 118 Pc     51 29.70  -1.0
                  S      51 45.70
WLZ      0.77 283 eP     51 32.40   0.2
WHH      0.86 182 P      51 32.40  -0.4
PAHZ     0.93 154 P      51 33.10  -0.1
MOH      1.21 157 P      51 35.70   0.5
NOZ      1.33 117 eP     51 36.30   0.2
KUZ      1.43 333 P      51 37.50   0.5
RUZ      1.45 220 eP     51 38.00   0.8
                  eS     52 01.30
HBZ      1.47  74 P      51 37.40   0.1
TTH      1.53 171 eP     51 39.00   1.0
WAHZ     1.68 185 eP     51 40.00   0.6
TEHZ     1.98 174 eP     51 43.00   0.6
MNG      2.72 197 P      51 50.70   0.1
                  eS     52 23.10
KIW      3.10 203 P      51 55.00  -0.2
MTW      3.23 194 P      51 56.30  -0.5
CAW      3.28 200 P      51 57.30  -0.1
AMW      3.34 190 P      51 58.40   0.4
DIW      3.43 215 eP     52 00.00   0.7
MRW      3.50 203 P      51 59.60  -0.4
                  eS     52 40.80
MOW      3.53 196 eP     51 59.80  -0.7
TCW      3.63 208 eP     52 01.30  -0.4
KHZ      4.95 207 eP     52 17.90  -0.5
     S.D. = 0.6  on  25 of  25 obs.
-----------------------------------------
*  FEB  15, 1992  15h 18m 04.24± 0.67s
   41.434 N ±12.2km   46.184 E ±10.5km
   DEPTH =  33.0km  (normol)
   4.2mb (  6 obs.)
 EASTERN CAUCASUS                  (337)

MSL      5.57 206 ePn    19 17.00 -10.0X
                  eSn    20 37.50
                  eS*    21 04.00
                  eSg    21 24.50
TEH      7.00 143 eP     19 53.00   5.9X
MAIO    11.57 112 eP     20 51.00   0.8
CLI     14.52 297 ePd    21 37.50   8.3X
VRI     14.76 294 eP     21 41.00   8.7X
ISR     14.77 291 eP     21 40.00   7.5X
CVO     15.13 294 eP     21 45.00   7.8X
MLR     15.24 292 eP     21 46.50   7.8X
SPC     19.75 302 eP     22 34.20  -0.1
ZST     21.62 298 eP     22 54.70   1.4
                  e      23 06.50
                  e      32 12.80
NUR     23.22 333 eP     23 08.90   0.0
KAF     23.89 337 eP     23 15.70   0.3
        0.7s      8.80nm          4.4mb
GEC2    23.94 299 Pc     23 15.90  -0.3
        0.6s      2.65nm          4.0mb
KBA     24.07 295 eP     23 18.00   0.4
CLL     24.74 305 eP     23 25.00   1.3
        0.9s      9.00nm          4.4mb
                  e      23 47.00
GRF     25.64 301 eP     23 34.00   1.7
HFS     27.35 324 eP     23 46.50  -1.4
        0.6s      3.90nm          4.2mb
      Z  16s      0.10um          3.5MszX
                  LR     35 25.00
NB2     28.86 325 P      24 00.10  -1.4
        0.6s      3.30nm          4.2mb
EKA     34.82 311 P      24 54.00   0.3
        2.6s    202.90nm          5.6mb X
CHTO    50.03 100 (P)    27 02.20   4.5X
TIC     57.06 247 P      27 49.00  -0.6
KIC     57.07 247 P      27 49.00  -0.7
LIC     57.36 247 P      27 51.10  -0.6
YKA     75.27 351 eP     29 44.20  -0.9
        0.8s      0.40nm          3.5mb
     S.D. = 1.0  on  16 of  24 obs.
-----------------------------------------
   FEB  15, 1992  16h 06m 07.76± 0.44s
   45.638 N ± 7.8km  151.363 E ± 8.7km
   DEPTH =  33.0km  (normol)
   4.9mb ( 32 obs.)
 KURIL ISLANDS                     (221)

MAT     13.44 232 (P)    09 17.00  -1.5
YAK     20.62 330 eP     10 47.00   0.5
        0.9s     50.00nm          4.9mb
                  e      14 37.00
BJI     26.26 270 eP     11 43.50   2.0
        0.6s     43.00nm          5.2mb
FBA     37.79  37 e(P)   13 22.70   0.6
        0.8s      2.76nm          4.2mb
INK     43.24  32 eP     14 08.00   1.0
KMI     43.84 259 eP     14 13.50   0.8
CHG     50.67 256 ePc    15 02.00  -4.0X
        0.9s     15.76nm          5.0mb
CHTO    50.67 256 ePc    15 07.00   1.0
        1.0s     15.00nm          4.9mb
YKA     52.54  36 eP     15 19.00  -0.6
        0.6s      1.40nm          4.1mb
GUN     53.88 275 P      15 30.40   0.0
        0.5s     25.00nm          5.5mb
KKN     54.38 275 P      15 34.20   0.3
        0.7s     15.00nm          5.1mb
PKI     54.42 275 P      15 33.80  -0.5
DMN     54.61 275 P      15 34.80  -0.8
        0.5s     15.00nm          5.3mb
GKN     54.69 276 P      15 36.20   0.1
        0.7s     39.00nm          5.5mb
FFC     62.37  39 eP     16 29.00  -0.1
        0.5s      5.00nm          4.9mb
TNP     64.92  61 eP     16 58.80  12.5X
        0.6s      1.57nm
WB2     67.07 197 iPc    16 58.50  -1.4
        0.6s      5.50nm          4.8mb
WRA     67.08 197 P      17 00.20   0.3
        0.4s      3.80nm          4.8mb
NB2     68.88 340 P      17 09.50  -1.3
        0.6s      4.80nm          4.7mb
HFS     69.06 339 eP     17 09.90  -1.9
        0.4s      7.10nm          5.1mb
ASPA    70.78 197 iPc    17 24.10   1.4
        0.7s      4.70nm          4.7mb
CLL     76.96 335 iPc    17 57.20  -1.1
        0.8s      9.00nm          4.8mb
PRU     77.64 333 eP     18 01.50  -0.6
KHC     78.70 333 eP     18 08.00   0.1
        1.0s      5.40nm          4.5mb
GEC2    78.91 333 P      18 07.30  -1.9
        0.6s      2.30nm          4.3mb
GRF     78.92 335 eP     18 09.60   0.5
KBA     80.58 332 iPd    18 18.70   0.4
        0.7s      7.20nm          4.8mb
CDF     81.21 337 eP     18 21.40  -0.1
        0.7s      4.40nm          4.6mb
HAU     81.84 337 eP     18 24.20  -0.4
BSF     81.87 337 eP     18 24.40  -0.5
FLN     82.82 342 eP     18 29.60  -0.1
        0.8s      8.05nm          4.9mb
LDF     82.90 341 eP     18 29.90  -0.2
LOR     83.18 338 eP     18 31.50  -0.1
        0.6s      4.95nm          4.8mb
GRR     83.26 342 eP     18 32.10   0.2
        0.7s      8.80nm          5.0mb
LBF     83.41 338 eP     18 32.50  -0.3
SSF     83.46 339 eP     18 33.00   0.0
LPF     83.63 342 eP     18 34.20   0.3
AVF     83.75 339 eP     18 34.70   0.2
        0.7s      3.85nm          4.7mb
SMF     83.76 338 eP     18 34.70   0.1
        1.1s     14.65nm          5.0mb
LPL     84.00 336 eP     18 36.60   0.5
        1.1s      8.55nm          4.8mb
LPG     84.02 336 eP     18 36.90   0.6
        0.9s      5.75nm          4.7mb
BGF     84.10 339 eP     18 36.40   0.1
        0.6s      2.70nm          4.6mb
MAF     84.48 339 eP     18 38.90   0.7
        1.0s     18.00nm          5.2mb
TCF     84.51 339 eP     18 38.90   0.5
LSF     84.71 339 eP     18 39.80   0.4
        1.0s     12.00nm          5.0mb
CAF     85.82 339 eP     18 45.90   1.0
        1.1s     14.65nm          5.1mb
     S.D. = 0.8  on  44 of  46 obs.
-----------------------------------------
?  FEB  15, 1992  16h 14m 51.58± 8.11s
   44.888 N ±55.9km    7.877 E ±20.7km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                    (545)
      ML 1.8 (GEN).

ROB      0.59 180 P      15 04.35   0.7
                  S      15 11.83
PZZ      0.67 236 P      15 05.48   0.4
                  S      15 13.88
FIN      0.72 161 P      15 05.48  -0.3
                  S      15 14.29
ENR      0.74 206 P      15 05.89  -0.2
                  S      15 14.91
STV      0.76 212 P      15 05.68  -0.7
                  S      15 14.70
     S.D. = 0.8  on   5 of   5 obs.
-----------------------------------------
?  FEB  15, 1992  17h 22m 25.66± 1.01s
   32.051 S ± 8.4km   68.868 W ±10.5km
   DEPTH =  10.0km  (geophysicist)
 MENDOZA PROVINCE, ARGENTINA       (139)

RTCB     0.57   6 eP     22 37.80   0.6
                  S      22 48.00
RTBS     0.63 308 iPd    22 38.00  -0.3
                  S      22 48.20
CFA      0.69  51 ePc    22 39.00  -0.4
                  S      22 50.20
RFA      2.73 173 ePc    23 10.60   0.1
                  S      23 46.70
     S.D. = 0.8  on   4 of   4 obs.
-----------------------------------------
?  FEB  15, 1992  17h 30m 20.66± 1.82s
   46.150 N ±19.5km  149.398 E ±30.3km
   DEPTH =  33.0km  (normal)
   4.0mb (  3 obs.)
 KURIL ISLANDS                     (221)

KUSJ     4.53 229 eP     31 26.40  -2.3
                  eS     32 21.20
ASAJ     5.19 249 eP     31 44.90   6.8X
HOOJ     5.78 232 eP     31 46.50   0.2
                  eS     32 55.10
YAK     19.51 332 eP     34 53.40   5.7X
        1.0s     50.00nm          4.7mb
                  i      35 06.00
GUN     52.48 273 P      39 34.20   1.2
YKA     52.92  35 eP     39 41.70   6.4X
        0.6s      0.30nm          3.4mb X
KKN     52.97 273 P      39 37.40   0.9
PKI     53.02 273 P      39 36.60  -0.3
DMN     53.20 273 P      39 39.20   1.0
GKN     53.28 274 P      39 39.60   0.9
WRA     67.18 195 P      41 14.60   1.2
        1.0s      0.50nm          3.6mb
KHC     77.61 332 eP     42 14.10  -0.8
GEC2    77.82 332 P      42 14.00  -2.1
        0.7s      0.78nm          3.9mb
     S.D. = 1.5  on  10 of  13 obs.
-----------------------------------------
*  FEB  15, 1992  18h 07m 36.00± 1.70s
   54.862 N ±18.8km  159.430 W ± 9.5km
   DEPTH =  33.0km  (normal)
   4.0mb (  4 obs.)
 SOUTH OF ALASKA                   ( 17)

SDN      0.78 309 iPc    07 50.70   0.2
KDC      4.83  50 eP     08 49.40   1.3
PDB      5.69  28 P      09 00.30  -0.1
SVW      6.58  16 eP     09 13.70   0.7
SLKM     7.50  37 P      09 26.70   0.8
PMS      8.26  35 eP     09 35.40  -1.0
TTA      8.28  11 eP     09 36.20  -0.6
PMR      8.65  35 eP     09 42.40   0.6
KLU      9.74  42 P      09 55.20  -1.6
TOA     10.03  38 eP     10 01.10   0.3
BALM    10.96  49 P      10 11.70  -1.9
IMA     11.59  12 eP     10 22.70   0.6
FBA     11.62  25 eP     10 22.50   0.2
        1.0s     10.20nm          5.0mb X
INK     18.05  32 eP     11 42.00  -3.4X
YKA     24.07  53 eP     12 50.50   1.7
        0.7s      2.00nm          3.8mb
MBC     26.09  21 eP     13 08.00   0.2
NB2     64.21   5 P      18 08.40  -0.8
        0.7s      1.70nm          4.3mb
HFS     65.22   4 eP     18 14.40  -1.3
        0.5s      1.10nm          4.2mb
GEC2    76.51   5 P      19 24.70   0.7
        0.6s      0.52nm          3.7mb
     S.D. = 1.1  on  18 of  19 obs.
-----------------------------------------
   FEB  15, 1992  18h 10m 25.40± 0.81s
   30.917 S ± 7.2km   70.270 W ± 9.2km
   DEPTH = 142.6 ± 13.2 km
 CHILE-ARGENTINA BORDER REGION     (127)
      MD 4.3 (SAN).
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15d 18h

```
RTBS     1.02 137 iPc    10 49.50  -0.4
                  S      12 20.20
RTRS     1.02  43 iPd    10 50.70   0.8
                  S      11 08.00
RTCB     1.38 115 iPc    10 52.80  -0.8
                 (S)     11 37.00
ZON      1.50 115 iPc    10 55.00   0.2
                 eS      11 13.00
RTLL     1.60 105 iPd    10 55.00  -0.9
                  S      11 17.00
JACH     1.78 189 iPd    10 58.50   0.5
                 iS      11 22.80
ROCH     2.14 197 iP     11 02.00  -0.5
PEL      2.25 189 iPd    11 04.00   0.4
                 iS      11 32.40
MDZ      2.30 149 iP     11 05.70   1.4
                 iS      11 29.20
IHA      2.40 209 eP     11 05.50   0.1
                 e(S)    11 29.50
SAN      2.55 187 iPd    11 07.80   0.5
PCH      2.70 184 iPd    11 09.50   0.2
                 iS      11 44.00
LCCH     2.78 203 iPd    11 09.70  -0.5
TACH     2.79 192 iPd    11 10.20  -0.1
                 iS      11 45.40
CHCH     3.03 186 iPd    11 13.50   0.1
                 iS      11 51.50
LNV      3.18 197 iPd    11 14.20  -1.1
RFA      4.13 159 iP     11 28.30   0.3
CYA      4.61  59 iP     11 33.80  -0.6
                  S      12 19.50
SLA      7.47  36 ePc    12 13.50   0.3
      S.D. = 0.7  on  19 of  19 obs.
-----------------------------------------
*  FEB  15, 1992  18h 47m 55.56± 0.97s
   16.087 N ±12.6km   88.506 W ± 9.1km
   DEPTH =  33.0km  (normal)
   4.5mb (  8 obs.)
 BELIZE                                ( 93)

TPX      3.81 253 (P)    49 06.00  12.7X
PBJ      6.64 274 (P)    49 32.50  -0.9
OXX      7.94 278 (P)    49 52.50   0.7
LVVM     8.39 297 (P)    49 55.00  -2.8
IIT      9.79 289 (P)    50 38.00  20.5X
PPM     10.10 289 (P)    50 27.50   5.6X
III     10.72 284 (P)    50 24.00  -6.1X
PWLA    18.82   1 P      52 14.40  -0.6
LHS     19.58  19 P      52 23.00  -0.8
GBTN    19.87  10 P      52 27.50   0.6
TKL     19.94  11 P      52 27.00  -0.7
VVO     20.23 343 eP     52 31.60   0.9
                 Lg      56 15.80
MEO     20.70 336 iPd    52 35.90   0.4
SIO     20.78 342 eP     52 34.40  -2.0
                  e      52 39.90
TUL     20.79 343 eP     52 37.10   0.7
         0.8s    48.90nm          4.9mb
                 Lg      56 28.60
RLO     20.82 345 eP     52 37.00   0.2
ELC     21.12 358 P      52 39.50  -0.3
CEH     21.44  21 P      52 43.30   0.3
         1.7s    36.91nm          4.5mb
FVM     21.88 356 P      52 48.00   0.6
         0.9s    13.36nm          4.4mb
ACO     22.60 337 iPc    52 56.00   1.4
CBN     24.12  22 eP     53 12.00   2.7X
ANMO    24.73 323 ePc    53 17.50   2.0
         1.3s    14.90nm          4.4mb
GOL     27.75 331 P      53 45.10   1.6
TNP     33.44 317 P      54 35.10   1.3
         0.4s     1.16nm          4.1mb
LRM     35.78 331 eP     54 53.50  -0.4
PNT     41.68 329 eP     55 44.00   1.4
YKA     49.85 345 eP     56 46.20  -1.1
         0.9s     6.20nm          4.6mb
INK     59.45 342 eP     57 56.00  -1.2
MBC     62.30 352 eP     58 15.00  -1.4
NB2     80.70  29 P      00 06.80   0.1
         1.2s     8.30nm          4.6mb
KHC     85.67  40 eP     00 32.50   0.1
GEC2    85.85  40 PKP    00 32.10  -1.2
         0.8s     1.08nm          4.1mb
WB2    139.14 258 ePKP   07 22.10   0.4
         0.6s     2.00nm
WRA    139.15 258 PKP    07 22.50   0.8
         0.8s     1.00nm
CHTO   144.55 348 PKP    07 26.00  -5.2X
         1.1s     5.89nm
KHT    148.53 347 ePKP   07 41.30   3.6X
      S.D. = 1.2  on  29 of  36 obs.
-----------------------------------------
*  FEB  15, 1992  18h 51m 09.78± 0.75s
   20.124 N ±15.6km   93.760 E ±12.5km
   DEPTH =  33.0km  (normal)
   3.8mb (  1 obs.)
 MYANMAR                               (296)

CHG      5.06 104 iPnd   52 26.70   1.3
                  eSg    53 22.00
KHT      7.03 138 eP     52 52.60  -0.5
GUN     10.58 319 P      53 41.60  -0.9
PKI     10.64 316 P      53 43.20  -0.2
KKN     10.88 316 P      53 48.20   1.7
GKN     11.44 315 P      53 53.00  -1.1
HYB     14.65 262 eP     54 37.50   0.8
WRA     56.26 133 P      00 48.50  -1.1
         0.6s     0.60nm          3.8mb
      S.D. = 1.3  on   8 of   8 obs.
-----------------------------------------
?  FEB  15, 1992  19h 25m 41.55± 3.08s
   19.961 S ±23.4km  178.098 W ±17.6km
   DEPTH = 661.1 ± 33.2 km
   4.6mb ( 12 obs.)
 FIJI ISLANDS REGION                   (181)

DZM     14.59 259 iPc    28 45.60   0.6
KUZ     17.58 197 P      29 14.20   1.6
URZ     18.70 192 P      29 20.80  -2.0
NOZ     18.89 189 P      29 24.60   0.0
THZ     23.04 197 P      30 01.90   0.0
LTZ     24.16 198 P      30 10.10  -1.6
TUZ     27.83 199 P      30 43.70   0.3
RMQ     31.09 252 iPc    31 11.90   0.7
CAN     32.74 235 eP     31 25.90   0.9
BWA     32.91 237 eP     31 25.70  -0.8
CMS     34.32 243 iPd    31 38.70   0.7
         0.9s    22.00nm          4.7mb
QLP     35.13 252 iPc    31 45.00   0.3
         0.6s    37.00nm          5.1mb
STK     37.95 244 eP     32 29.90  22.3X
         1.1s    10.10nm
BFD     38.27 235 iPc    32 12.50   2.3
         0.6s    19.00nm          4.8mb
ASPA    44.56 256 iPd    32 58.90  -0.9
         1.0s    28.00nm          4.6mb
                 iPcP    34 27.30
                 iS      38 57.00
                 iScS    41 54.40
WB2     44.57 262 iPd    32 58.70  -1.2
         0.6s    12.10nm          4.5mb
                 iPcP    34 27.40
WRA     44.58 262 P      32 58.80  -1.2
         0.4s     6.70nm          4.4mb
FORR    49.39 246 eP     33 35.00  -0.8
WARB    50.91 252 eP     33 46.00  -1.0
         0.6s    17.00nm          4.6mb
COOL    55.36 246 eP     34 17.90  -0.4
KLB     58.20 245 eP     34 37.40  -0.1
         0.5s    11.00nm          4.3mb
MUN     59.48 244 eP     34 46.30   0.4
         0.5s    64.00nm          5.1mb
MRWA    59.97 247 eP     34 49.30   0.1
NANU    61.45 255 eP     34 59.00   0.2
MAT     69.72 324 eP     35 43.00  -6.3X
         0.8s     8.96nm          4.2mb
SPA     70.16 180 iPd    35 53.60   1.9
         0.9s    40.91nm          4.9mb
CHTO    89.97 290 eP     37 33.60  -0.6
         0.9s     3.41nm          4.2mb
KRI    134.42 219 iPKPc  44 07.50  18.5X
N82    138.44 353 PKP    43 52.60  -2.5
         0.8s     2.30nm
HRI    147.13 301 iPKPd  44 11.50   0.6
KSP    147.15 343 iPKPd  44 10.20   0.0
                  e      46 24.50
                  e      46 56.40
CLL    147.52 347 iPKPd  44 10.90   0.1
         1.1s    12.00nm
JVI    147.78 298 iPKPd  44 13.00   1.1
PRU    148.39 344 PKP    44 13.50   1.3
PRNI   148.41 296 iPKPd  44 14.80   1.9X
SRO    149.19 338 ePKP   44 14.60   1.2
ZST    149.27 340 ePKP   44 14.60   1.1
KHC    149.42 345 PKP    44 16.50   2.7X
         1.3s    14.50nm
GEC2   149.66 344 PKP    44 15.60   1.3
         0.6s     3.16nm
DOU    149.85 357 PKP    44 16.50   2.1X
WLF    150.17 354 PKP    44 18.00   3.2X
FUR    150.86 347 iPKPc  44 19.40   3.4X
FLN    151.20   3 ePKP   44 19.00   2.6X
         0.7s    16.55nm
CDF    151.29 353 ePKP   44 20.10   3.4X
         0.7s     8.80nm
KBA    151.38 344 iPKPc  44 20.00   3.0X
         0.7s    10.30nm
                  i      44 23.70
LDF    151.39   3 ePKP   44 19.40   2.7X
         0.5s     4.35nm
GRR    151.55   4 ePKP   44 20.10   3.2X
         0.5s     8.75nm
HAU    151.79 354 ePKP   44 20.90   3.6X
         0.5s     5.85nm
LPF    151.90   4 ePKP   44 20.90   3.5X
         0.5s    21.15nm
BSF    151.92 353 ePKP   44 21.20   3.6X
         0.6s     5.40nm
LJU    151.99 341 e(PKP) 44 22.00   4.3X
VOY    152.19 342 ePKP   44 21.80   3.7X
VBY    152.24 340 e(PKP) 44 22.10   4.1X
CEY    152.29 341 ePKP   44 22.00   3.9X
LOR    152.71 357 ePKP   44 23.10   4.4X
         0.6s     7.65nm
SSF    152.94 358 ePKP   44 23.50   4.6X
         0.7s     4.40nm
LBF    152.99 357 ePKP   44 23.60   4.5X
         0.7s     4.40nm
MFF    153.37   3 ePKP   44 24.00   4.5X
         0.6s     5.40nm
BGF    153.46 359 ePKP   44 24.50   4.8X
         0.6s     4.50nm
TCF    153.74 360 ePKP   44 24.90   4.8X
LSF    153.78   1 ePKP   44 24.60   4.5X
         0.8s     6.70nm
MAF    153.80 359 ePKP   44 25.50   5.4X
         0.9s     7.35nm
LIC    164.78 153 PKP    44 31.30  -1.9
KIC    165.02 154 PKP    44 31.30  -2.1
      S.D. = 1.2  on  36 of  64 obs.
-----------------------------------------
?  FEB  15, 1992  21h 52m 24.84± 4.83s
   28.690 S ±32.4km   68.155 W ±20.6km
   DEPTH = 159.3 ± 51.3 km
 LA RIOJA PROVINCE, ARGENTINA          (138)

RTRS     1.86 217 iPc    52 59.10  -0.2
                  S      53 23.00
CYA      2.09  84 iP     53 02.00   0.0
                  S      53 28.00
RTLL     2.65 186 iPd    53 08.70   0.0
                  S      53 39.30
RTCB     2.84 191 iPc    53 11.00  -0.2
                  S      53 42.20
CFA      2.91 181 iPc    53 12.00   0.0
                  S      53 45.00
RTBS     3.17 200 eP     53 15.80   0.6
                  S      53 52.20
TCA      4.06 131 e(P)   53 27.00   0.1
RFA      6.07 182 e(P)   53 53.20  -0.3
      S.D. = 0.4  on   8 of   8 obs.
-----------------------------------------
   FEB  15, 1992  22h 48m 56.13± 0.59s
   48.215 N ± 4.5km    7.160 E ± 5.4km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                                (538)
      ML 1.9 (STR).

ECH      0.00 317 Pg     48 57.69  -0.3
                  Sg     48 58.40
CDF      0.21  21 Pg     49 00.88   0.1
                  Sg     49 03.82
MOF      0.36 183 Pg     49 03.22  -0.4
BSF      0.46 213 Pg     49 05.37  -0.1
                  Sg     49 11.57
HAU      0.58 249 Pg     49 08.10   0.1
                  Sg     49 17.00
FEL      0.67 120 ePg    49 09.73   0.3
VITF     0.79 271 Pg     49 11.36  -0.1
LOMF     0.89 195 Pg     49 13.65   0.3
                  Sg     49 25.71
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LOR      2.42 248 Pg     49 42.70    6.3X
                 Sg     50 13.10
LBF      2.48 241 Pg     49 42.10    4.9X
                 Sg     50 15.60
SSF      2.73 246 Pg     49 48.30    7.5X
                 Sg     50 23.20
SMF      2.75 236 Pg     49 48.20    7.2X
                 Sg     50 23.90
     S.D. = 0.3  on   8 of  12 obs.
-----------------------------------------
   FEB  15, 1992  23h 58m 48.58± 0.51s
   43.098 N ± 8.1km    0.445 W ± 3.7km
   DEPTH =  10.0km  (geophysicist)
 PYRENEES                          (378)
     ML 1.2 (STR).

OGE      0.07 344 Pg     58 51.15    0.2
JAU      0.08 137 Pg     58 51.54    0.3
ESCF     0.10 258 Pg     58 51.37    0.1
                 Sg     58 53.47
BTH      0.18  82 iPgc   58 52.60    0.0
                 iSg    58 58.00
ATE      0.19 266 Pg     58 52.69   -0.1
                 Sg     58 55.90
ISSF     0.27 255 Pg     58 54.19   -0.1
                 Sg     58 58.67
MADF     0.28 280 Pg     58 54.34   -0.1
                 Sg     58 58.54
EPF      0.58  96 Pg     59 00.00   -0.4
                 Sg     59 08.50
LPO      1.98  36 Pg     59 25.50    3.1X
                 Sg     59 51.60
LFF      2.03  25 Pg     59 26.30    3.1X
                 Sg     59 52.60
CAF      2.57  44 Pg     59 36.00    5.0X
                 Sg     00 09.10
RJF      2.62  32 Pg     59 36.70    5.1X
                 Sg     00 10.20
TCF      3.71  30 Pg     59 57.40   10.2X
                 Sg     00 44.00
     S.D. = 0.2  on   8 of  13 obs.
-----------------------------------------
%  FEB  16, 1992  00h 56m 48.80± 0.51s
   42.821 N ± 4.8km    19.090 E ± 4.1km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION        (383)
     ML 1.4 (TTG).

NKY      0.07 263 iPgd   56 51.84    0.6
                 iSg    56 53.24
BRY      0.41 281 iPgd   56 57.04   -0.2
                 iSg    57 03.12
TTG      0.41 162 iPgc   56 57.29    0.1
                 iSg    57 03.54
PLE      0.56  24 iPgc   57 00.09   -0.1
                 iSg    57 08.57
BDV      0.57 200 iPgd   57 00.20   -0.2
                 iSg    57 08.57
HCY      0.57 230 iPgc   57 00.09   -0.4
                 iSg    57 08.53
IVA      0.60  85 iPgd   57 00.88    0.0
                 iSg    57 10.09
PVY      0.69 109 iPgc   57 02.55    0.0
                 iSg    57 13.03
ULC      0.87 172 iPgc   57 05.62    0.1
                 iSg    57 18.48
     S.D. = 0.3  on   9 of   9 obs.
-----------------------------------------
*  FEB  16, 1992  01h 04m 11.56± 2.02s
   44.540 N ± 7.0km   114.005 W ±20.3km
   DEPTH =   5.0km  (geophysicist)
 WESTERN IDAHO                     ( 33)
     ML 2.8 (GS).

MCMT     0.87  70 iPc    04 28.90   -0.1
HPI      1.05 141 ePn    04 30.90   -1.2
                 eS     04 45.44
LTMT     1.36  90 ePn    04 38.30    1.0
BGMT     1.56  63 ePn    04 40.40    0.2
LRM      1.69  40 iPnc   04 41.90   -0.2
BUT      1.79  34 iPg    04 45.80    2.3X
                 eSn    05 07.60
                 eSg    05 10.20
PTI      2.05 144 eP     04 46.84   -0.4
                 eS     05 13.31
HRY      2.65  34 ePn    04 55.50   -0.4
HVU      2.90 162 e(P)   05 00.42    1.0
                 eS     05 38.74
     S.D. = 0.9  on   8 of   9 obs.
-----------------------------------------
?  FEB  16, 1992  01h 32m 11.06± 7.93s
   18.681 N ±54.4km    67.127 W ±41.7km
   DEPTH =  33.0km  (normal)
 MONA PASSAGE                      ( 89)

APR      0.44 121 iP     32 20.30   -0.5
MGP      0.67 177 iP     32 23.90   -0.2
PORP     0.78 143 iP     32 25.30   -0.3
CLLP     0.79 139 iP     32 26.00    0.2
                 S      32 28.00
SJG      1.09 121 iP     32 30.30    0.3
LPR      1.25 107 iP     32 32.30   -0.1
     S.D. = 0.4  on   6 of   6 obs.
-----------------------------------------
%  FEB  16, 1992  01h 32m 52.65± 0.92s
   39.980 N ±10.2km    16.025 E ± 7.8km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN ITALY                    (390)

CSI      0.29 135 P      32 58.00   -0.7
ORI      0.34  76 P      32 59.70    0.1
                 eSg    33 08.90
MGR      0.39 294 P      33 00.70    0.0
                 eSg    33 08.40
TDS      0.40 143 P      33 01.50    0.6
                 eSg    33 09.00
ROI      0.58 134 P      33 04.50    0.0
     S.D. = 0.7  on   5 of   5 obs.
-----------------------------------------
&  FEB  16, 1992  03h 32m 02.20s
   50.976 N          130.589 W
   DEPTH =  10.0km  (geophysicist)
   3.2mb (  1 obs.)
 VANCOUVER ISLAND REGION           ( 25)
     <PGC-P>. ML 3.3 (PGC).

SJB      1.00 345 P      32 22.00    0.9
BBB      1.96  51 P      32 36.00    0.2
                 S      32 59.70
BPBC     1.98 113 P      32 35.25   -0.8
PHC      2.02  96 P      32 36.62    0.0
                 S      33 01.04
BTB      3.59 113 P      32 59.65    0.5
YKA     14.44  31 eP     35 26.20   -2.1
        0.7s     0.40nm          3.2mb
     6 obs. associated
-----------------------------------------
?  FEB  16, 1992  04h 08m 50.76± 1.82s
   11.693 N ±75.2km   143.772 E ±159.km
   DEPTH =  33.0km  (normal)
   4.4mb (  2 obs.)
 SOUTH OF MARIANA ISLANDS          (210)

GUA      2.15  31 eP     09 24.50   -0.4
GUMO     2.17  29 eP     09 25.10   -0.1
                 eS     09 54.70
PJG      2.17  29 eP     09 25.30    0.1
SAPN     3.99  29 eP     09 51.80    0.7
                 eS     10 37.00
WB2     32.78 197 iPd    15 23.30    0.1
        0.7s     2.90nm          4.3mb
YKA     85.03  27 eP     21 23.70   -0.3
        0.5s     1.40nm          4.4mb
     S.D. = 0.5  on   6 of   6 obs.
-----------------------------------------
%  FEB  16, 1992  06h 10m 03.99± 2.77s
   37.631 N ±10.5km    1.360 W ±23.5km
   DEPTH =  10.0km  (geophysicist)
 SPAIN                             (377)
     mbLg 2.8 (MDD). Felt (II) in the
     Mazarron area.

EALH     0.23 348 iPg    10 09.00    0.0
                 eSg    10 11.00
ENIJ     0.94 226 iPg    10 22.00    0.0
                 eSg    10 35.60
EHUE     0.99 281 iPn    10 23.00    0.1
                 eSn    10 37.40
EVIA     1.35 318 iPn    10 28.90    0.0
                 eSn    10 45.50
EBAN     1.99 286 iPn    10 38.00   -0.1
                 eSn    11 04.00
     S.D. = 0.1  on   5 of   5 obs.
-----------------------------------------
*  FEB  16, 1992  06h 39m 19.71± 0.68s
   14.920 N ±14.7km   147.786 E ±10.3km
   DEPTH =  33.0km  (normal)
   3.9mb (  2 obs.)
 MARIANA ISLANDS REGION            (215)

SAPN     1.99 279 eP     39 51.80    0.1
                 eS     40 16.00
GUMO     3.13 245 eP     40 08.00    0.2
                 eS     40 41.00
PJG      3.13 245 eP     40 07.40   -0.4
WB2     37.08 201 iPd    46 28.90    0.0
        0.7s     2.80nm          4.2mb
YKA     80.38  28 eP     51 28.70   -0.3
        0.8s     0.60nm          3.6mb
KIC    145.52 306 PKP    58 57.10    0.0
TIC    145.56 307 PKP    58 57.30    0.1
LIC    145.83 306 PKP    58 58.00    0.4
     S.D. = 0.3  on   8 of   8 obs.
-----------------------------------------
*  FEB  16, 1992  07h 45m 50.00± 1.26s
   31.801 S ± 9.0km    68.129 W ±17.3km
   DEPTH = 114.2 ± 17.2 km
 SAN JUAN PROVINCE, ARGENTINA      (137)

CFA      0.22 334 iPc    46 06.80    0.3
ZON      0.53 298 eP     46 08.00    0.2
                 eS     46 21.00
RTLL     0.55 328 iPc    46 08.00    0.0
                 S      46 21.00
RTCB     0.65 299 iPd    46 08.00   -0.8
                 S      46 21.00
RTRS     1.99 325 ePd    46 23.80    0.3
                 S      46 47.00
RFA      2.98 185 ePc    46 36.60    0.0
CYA      3.91  32 e(P)   46 49.00   -0.2
                 S      47 33.00
     S.D. = 0.5  on   7 of   7 obs.
-----------------------------------------
%  FEB  16, 1992  08h 06m 55.17± 5.40s
   42.708 N ± 7.0km    18.145 E ±37.0km
   DEPTH =   5.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION        (383)
     ML 1.6 (TTG).

BRY      0.35  57 iPgd   07 02.14   -0.1
                 iSg    07 08.33
HCY      0.37 135 iPgc   07 02.69    0.1
                 iSg    07 08.98
NKY      0.64  80 iPgd   07 07.79   -0.1
                 iSg    07 18.13
BDV      0.66 130 iPgc   07 08.13   -0.2
                 iSg    07 18.78
TTG      0.87 108 iPgd   07 12.37    0.0
                 iSg    07 26.22
PLE      1.11  55 iPgd   07 16.40   -0.1
                 iSg    07 33.24
IVA      1.30  82 iPgd   07 20.24    0.5
                 iSg    07 40.39
     S.D. = 0.3  on   7 of   7 obs.
-----------------------------------------
?  FEB  16, 1992  09h 07m 22.16± 1.32s
   46.476 N ±11.1km     2.983 E ±10.8km
   DEPTH =   5.0km  (geophysicist)
 FRANCE                            (538)

BGF      0.12 311 Pg     07 24.80    0.0
                 Sg     07 26.00
MAF      0.38 229 Pg     07 29.90    0.0
                 Sg     07 35.40
AVF      0.41  39 Pg     07 30.30    0.0
                 Sg     07 35.80
TCF      0.57 251 Pg     07 33.50    0.0
     S.D. = 0.0  on   4 of   4 obs.
-----------------------------------------
*  FEB  16, 1992  09h 19m 47.00± 1.36s
   37.718 N ±11.8km    21.430 E ±10.6km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN GREECE                   (368)
     ML 3.2 (ATH).

VLS      0.81 305 ePg    20 03.60    0.9
AGG      1.48  28 ePb    20 15.69    2.0
                 eSb    20 36.01
VLI      1.56 129 ePb    20 14.50   -0.3
ATH      1.83  81 ePb    20 18.90    0.2
IGT      2.01 335 ePn    20 27.42    6.1X
```

```
KEK      2.37 328 ePg    20 34.60    8.1X
LIT      2 52  19 ePn    20 31.30    2.7X
                  eSn    21 02.30
PAIG     2.82  38 ePn    20 32.26   -0.7
OUR      3.28  36 ePn    20 39.17   -0.3
OHR      3.42 352 ePn    20 39.20   -2.3
SOH      3 44  25 ePn    20 42.42    0.7
                  eSn    21 26.05
VAY      3.71  13 ePn    20 49.00    3.5X
SKO      4.25   0 ePn    20 53.00   -2.0
     S.D. = 1.4  on   9 of  13 obs.
-------------------------------------
%  FEB  16, 1992  09h 27m 47.94± 0.77s
   44.447 N ± 6.5km    7.283 E ± 8.9km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                    (545)
      ML 1.6 (GEN).

PZZ      0.14 294 P      27 51.60    0.2
                  S      27 53.84
STV      0.21 172 P      27 52.38   -0.1
                  S      27 55.12
ENR      0.24 156 P      27 52.87   -0.3
                  S      27 56.04
BHB      0.39 358 P      27 55.74   -0.3
                  S      28 00.99
ROB      0.45 110 P      27 57.37    0.3
                  S      28 03.12
     S.D. = 0.4  on   5 of   5 obs.
-------------------------------------
?  FEB  16, 1992  09h 32m 24.03± 0.92s
   40.572 N ±10.7km   22.004 E ± 7.5km
   DEPTH =  10.0km  (geophysicist)
 GREECE                            (364)

FNA      0.52 294 ePg    32 34.69    0.1
                  eSg    32 43.33
LIT      0.60 142 ePg    32 36.17    0.0
                  eSg    32 46.26
VAY      0.86  30 ePn    32 45.00    4.4X
KNT      0.90  49 ePg    32 41.26    0.0
                  eSg    32 53.46
OHR      1.06 301 ePn    32 44.00   -0.1
     S.D. = 0.1  on   4 of   5 obs.
-------------------------------------
   FEB  16, 1992  11h 00m 51.23± 0.48s
   39.582 S ± 4.1km  174.133 E ± 4.7km
   DEPTH = 244.0 ±  6.3 km
 NORTH ISLAND, NEW ZEALAND         (159)

NRZ      0.29 327 P      01 23.10    0.2
BSZ      0.65 110 P      01 24.30    0.4
RUZ      1.04  64 P      01 25.40   -0.7
                  S      01 48.00
MOZ      1.19  26 P      01 26.40   -0.6
                  S      01 50.20
DIW      1.23 187 P      01 27.40    0.1
KIW      1.41 155 P      01 28.30   -0.3
MNG      1.46 135 Pc     01 28.80   -0.2
                  S      01 52.80
TCW      1.63 176 P      01 30.50    0.2
CAW      1.68 155 P      01 30.60   -0.1
MRW      1.71 165 P      01 30.80   -0.1
                  S      01 57.30
WAHZ     1.72  95 P      01 30.90   -0.2
QRZ      1.75 224 Pc     01 31.10   -0.2
                  S      01 57.80
WEL      1.77 164 eP     01 31.80    0.4
MTW      1.89 147 P      01 32.20   -0.3
PGZ      1.94 123 P      01 32.80   -0.1
WHH      1.96  70 P      01 32.70   -0.6
MOW      2.03 155 P      01 33.40   -0.4
PATZ     2.04  55 P      01 34.00    0.0
BLW      2.06 151 Pc     01 33.90   -0.1
WLZ      2.08  34 P      01 34.30    0.1
TTH      2.08  90 P      01 35.00    0.7
TEHZ     2.10 102 P      01 34.80    0.3
AMW      2.13 145 P      01 34.70    0.1
UTU      2.13  50 eP     01 35.10    0.3
THZ      2.37 203 P      01 37.50    0.3
                  S      02 09.00
MOH      2.38  80 P      01 37.50    0.3
PAHZ     2.38  73 P      01 37.40    0.2
URZ      2.67  61 P      01 39.30   -0.8
                  S      02 12.00
DSZ      2.80 219 P      01 41.90    0.3
KHZ      2.87 189 P      01 42.60    0.4
MAHZ     2.93  83 eP     01 43.70    0.7
KUZ      3.09  24 P      01 45.70    1.0
NOZ      3.19  74 P      01 45.90    0.1
LTZ      3.49 203 P      01 49.70    0 4
                  eS     02 29.50
PUZ      3.56  66 P      01 49.50   -0.5
                  eS     02 30.40
HBZ      3.82  60 P      01 52.70   -0.3
MQZ      4.27 195 P      01 57.60   -0.8
                  S      02 45.50
EWZ      4.63 211 eP     02 03.20    0.4
BWZ      5.87 211 eP     02 17.90   -0.2
ODZ      6.04 204 P      02 21.50    1.2
LRCZ     6.53 211 eP     02 26.00   -0.6
LSCZ     6.56 211 eP     02 26.10   -0.8
SBCZ     6.56 211 eP     02 25.80   -1.2
MSZ      6.87 220 eP     02 30.50   -0.2
TUZ      7.18 206 eP     02 35.80    1.2
     S.D. = 0.5  on  45 of  45 obs.
-------------------------------------
   FEB  16, 1992  12h 26m 59.84± 0.36s
   18.964 N ± 6.4km  121.239 E ± 6.6km
   DEPTH =  33.0km  (normol)
   4.8mb ( 12 obs.)
 LUZON, PHILIPPINE ISLANDS         (249)

BAG      2.62 194 eP     27 42.00    1.1
QCP      4.31 182 eP     28 09.00    4.3X
HKC      7.40 298 ePd    28 43.80   -4.6X
DAV     12.54 160 eP     30 04.80    6.0X
LOE     18.60 268 eP     31 17.00    0.3
CHG     21.10 273 ePd    31 44.00    0.0
        1.0s     12.25nm          4.3mb
BJI     21.45 349 eP     31 46.00   -1.4
      Z  16s      0.58um          4.1MszX
                  eS     35 14.00
NNT     21.63 256 eP     31 48.40   -1.0
LZH     22.93 322 eP     32 02.80    0.5
        1.5s     45.00nm          4.7mb
      Z  16s      0.78um          4.2MszX
      N  12s      0.52um
                  pP     32 08.30   20kmX
                  sP     32 12.00
                  eS     36 11.50
MAT     23.01  37 eP     32 02.00   -0.9
GUMO    23.29 100 e(P)   32 16.20   10.5X
        1.5s    192.90nm
      Z  23s      0.45um          3.9MszX
PJG     23.29 100 e(P)   32 16.50   10.8X
                  TT     55 05.20
GUA     23.35 100 e(P)   32 16.50   10.2X
IPM     24.37 237 ePd    32 17.00    0.7
        0.9s     34.60nm          4.9mb
GUN     33.55 292 P      33 38.60   -0.7
PKI     33.92 291 P      33 43.00    0.5
KKN     34.06 292 P      33 44.00    0.4
DMN     34.19 291 P      33 45.20    0.4
GKN     34.65 292 P      33 49.00    0.4
IRK     35.79 342 eP     34 08.60   10.8X
        1.4s     46.00nm
QIS     43.20 154 eP     34 58.00   -1.6
ASPA    44.14 163 iPc    35 06.80   -0.4
        0.3s      9.20nm          5.1mb
WARB    45.18 173 eP     35 15.00   -0.5
TTA     70.01  29 eP     38 10.90    0.8
IMA     70.85  25 eP     38 16.10    0.8
        1.1s      9.50nm          4.8mb
PMR     73.35  30 eP     38 29.60   -0.3
        0.8s     10.40nm          4.9mb
FBA     73.42  26 eP     38 30.80    0.5
        1.1s     10.30nm          4.7mb
TOA     74.64  29 eP     38 38.80    1.3
INK     78.03  22 eP     38 57.00    0.7
HFS     82.13 331 eP     39 20.70    2.3X
        0.5s      1.10nm          4.2mb
NB2     82.85 333 P      39 20.40   -1.8
        1.0s      5.00nm          4.6mb
VAY     83.97 312 eP     39 20.00   -8.2X
SKO     84.54 312 iP     39 31.00   -0.1
GEC2    86.90 321 Pc     39 41.00   -1.8
        0.9s      1.12nm          4.1mb
YKA     87.74  23 eP     39 46.10   -0.3
        0.8s      7.80nm          5.0mb
PNT     93.29  35 eP     40 14.00    1.4
NEW     95.25  35 P      40 22.50    0.8
        1.0s      4.25nm          4.8mb
     S.D. = 1.0  on  28 of  37 obs.
-------------------------------------
   FEB  16, 1992  12h 43m 15.72± 1.51s
    6.633 S ± 6.6km  130.264 E ± 6.7km
   DEPTH =  99.5 ± 14.7 km
   4.7mb ( 10 obs.)
 BANDA SEA                         (280)

MTN      6.23 172 iPc    44 47.00    0.2
KNA      9.18 189 eP     45 26.50   -0.6
        0.2s    150.00nm          6.5mb X
                  eS     47 03.00
QIS     16.54 148 iPd    46 59.60   -3.5X
        1.0s    272.00nm          5.4mb
                  eS     49 59.00
PMG     16.95 100 eP     47 09.00    0.8
        1.3s     80.77nm          4.8mb
ASPA    17.29 169 eP     47 10.20   -2.2
        0.4s    142.00nm          5.6mb
                  eS     50 11.20
MBL     17.62 214 eP     47 17.50    1.1
                  eS     50 18.00
WARB    19.75 190 eP     47 40.50    0.3
        0.3s     10.00nm          4.6mb
                  eS     51 11.00
NANU    21.28 220 eP     47 57.00    1.3
        0.4s     16.00nm          4.7mb
QLP     23.89 148 eP     48 21.60    0.3
        0.4s     53.00nm          5.3mb
                  i      48 49.00
                  e      52 36.00
FORR    24.18 185 eP     48 24.00    0.0
COQL    25.60 198 eP     48 37.00   -0.4
                  eS     53 25.00
MRWA    26.19 209 eP     48 43.10    0.3
        0.3s      5.00nm          4.5mb
                  eS     53 40.00
RMQ     26.46 140 eP     48 45.00   -0.3
BAL     27.03 206 eP     48 50.40   -0.1
STK     27.26 159 iPd    49 13.90   21.4X
        0.4s      9.60nm
KLB     27.45 204 eP     48 54.30    0.1
MUN     28.43 206 eP     49 02.50   -0.6
                  eS     54 30.00
ADE     29.25 166 eP     49 10.30   -0.2
BRS     29.72 137 iPd    49 13.40   -1.3
        0.8s      9.00nm          4.5mb
ARMA    31.02 142 iPd    49 26.50    0.2
        0.2s      2.00nm          4.5mb
BWA     32.34 151 iPd    49 38.80    1.2
CAN     33.35 151 iPd    49 46.50    0.1
TOO     33.77 158 eP     49 51.00    1.0
BDT     38.95 308 eP     50 34.80    1.0
CHG     39.91 310 eP     50 42.50    0.7
BJI     48.23 345 eP     51 55.00    6.BX
GUN     54.91 311 P      52 38.80   -0.2
PKI     55.09 310 P      52 39.80   -0.5
KKN     55.30 310 P      52 41.40   -0.3
DMN     55.34 310 P      52 41.80   -0.2
GKN     55.90 310 P      52 45.60   -0.3
HYB     56.39 296 eP     52 48.00   -1.4
YKA    107.31  26 ePdiff57 31.70    8.5X
        0.8s      0.40nm          4.6mb
YKA    107.31  26 ePKP  01 38.80    7.2X
        0.7s      0.20nm
     S.D. = 0.8  on  29 of  34 obs.
-------------------------------------
   FEB  16, 1992  15h 34m 29.38± 1.03s
   42.181 N ± 7.3km   18.873 E ± 6.4km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION        (383)
      ML 2.5 (TTG).

ULC      0.36 128 iPgc   34 36.70    0.0
                  iSg    34 42.32
TTG      0.38  49 iPgc   34 37.38    0.2
                  iSg    34 43.62
HCY      0.38 314 iPgd   34 37.50    0.2
                  iSg    34 43.85
NKY      0.64   8 iPgc   34 41.87   -0.4
                  iSg    34 51.74
BRY      0.76 341 iPgd   34 44.03   -0.3
                  iSg    34 55.87
PVY      0.91  63 iPgd   34 46.67   -0.3
                  iSg    35 00.54
IVA      1.02  47 iPgc   34 48.98    0.2
                  iSg    35 04.32
PLE      1.21  18 iPgd   34 52.30    0.3
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                    iSg    35 10.50
OHR      1.80 126 ePn    35 05.50    4.8X
SKO      1.92  95 ePn    35 07.00    4.5X
                  i      35 09.80
                  iSg    35 33.70
      S.D. = 0.3  on   8 of  10 abs.
-----------------------------------------
%  FEB  16, 1992  16h 13m 24.83± 0.80s
   38.788 N ± 8.0km   15.289 E ±10.4km
   DEPTH =  10.0km  (geophysicist)
 SICILY                              (398)

ATN      0.64 168 P      13 37.20   -0.5
                  eSg    13 47.40
CZI      0.79  57 P      13 41.10    1.0
CSI      1.26  38 P      13 48.20    0.0
ROI      1.27  51 P      13 48.00   -0.4
GIB      1.27 232 P      13 49.00    0.5
MGR      1.36   9 P      13 49.20   -0.6
      S.D. = 0.8  on   6 of   6 abs.
-----------------------------------------
   FEB  16, 1992  16h 22m 45.22± 0.50s
   50.232 N ± 4.9km   12.454 E ± 4.5km
   DEPTH =  10.0km  (geophysicist)
 GERMANY                             (543)
      ML 2.0 (GRF).

HOF      0.38 283 iPgc   22 52.60   -0.4
MOX      0.68 308 iPg    22 58.80    0.1
                  iSg    23 07.40
GRF      0.96 236 iPg    23 03.90    0.4
                  e      23 16.30
WET      1.12 166 iPgc   23 06.40    0.1
                  iSg    23 21.40
CLL      1.13  18 iPg    23 06.50    0.1
                  i      23 09.40
                  iSg    23 21.70
BRG      1.15  55 iPgc   23 06.80    0.1
                  i      23 09.80
                  iSg    23 22.00
KHC      1.32 146 Pg     23 09.40   -0.3
                  e      23 11.50
                  Sg     23 26.00
PRU      1.37  99 ePn    23 10.20   -0.1
      0.3s      8.50nm
                  Pg     23 12.40
                  e      23 13.40
                  Sg     23 28.70
      S.D. = 0.3  on   8 of   8 abs.
-----------------------------------------
%  FEB  16, 1992  19h 59m 43.66± 1.02s
   38.543 N ±11.2km    0.966 W ± 8.3km
   DEPTH =  10.0km  (geophysicist)
 SPAIN                               (377)
      mbLg 2.8 (MDD). Felt (III) in
      the Caudete area.

ACU      0.44  94 ePg    59 51.90   -0.7
                  eSg    00 00.30
EALH     0.77 208 ePg    59 59.90    1.2
EVIA     1.21 275 ePg    00 04.80   -1.4
                  eSg    00 20.90
EHUE     1.47 241 ePn    00 10.00   -0.3
                  eSn    00 31.40
ETOR     2.42 340 ePn    00 25.30    1.3
                  eSn    00 55.40
      S.D. = 1.7  on   5 of   5 abs.
-----------------------------------------
&  FEB  16, 1992  20h 23m 50.00s
   44.783 N          112.343 W
   DEPTH =   5.1km
 EASTERN IDAHO                       (457)
      <BUT>. ML 3.2 (BUT), 3.2 (GS).

LTMT     0.31 147 iPd    23 56.30    0.1
MCMT     0.36 277 iPd    23 57.10   -0.2
BGMT     0.50  25 iPc    23 59.20   -0.8
HBMT     1.03 350 iPc    24 09.29   -0.8
LRM      1.04 356 iPc    24 09.60   -0.7
HPI      1.20 207 iPd    24 11.41   -1.6
                  eS     24 26.49
BUT      1.24 353 eP     24 13.30   -0.3
                  iS     24 30.30
MEMT     1.27  49 iPd    24 13.40   -0.8
SXM      1.58  30 iPc    24 18.60   -0.3
PTI      1.91 181 eP     24 22.46   -1.2
                  eS     24 47.23
HRY      1.96  10 ePn    24 23.30   -1.1
HVU      3.02 186 eP     24 38.75   -0.8
                  eS     25 21.35
DUG      4.60 184 e(P)   25 08.78    6.9
      13 obs. associated
-----------------------------------------
*  FEB  16, 1992  20h 58m 57.20± 0.79s
   55.141 S ±21.6km   28.361 W ±11.0km
   DEPTH =  33.0km  (normal)
   5.0mb (  3 obs.)
 SOUTH SANDWICH ISLANDS REGION       (153)

RFA     34.28 290 iPc    05 41.60   -0.6
SPA     35.04 180 iPd    05 52.90    4.3X
        0.8s      5.83nm          4.6mb
CFA     36.59 293 iPc    06 00.60   -1.2
RTCB    36.98 293 iPc    06 04.80   -0.3
LPB     49.08 306 P      07 45.00    1.4
ARE     50.75 302 eP     07 57.00    0.7
BUL     54.95  74 iPd    08 27.60    0.3
        1.2s     24.22nm          5.1mb
                  i      08 38.50
KRI     58.19  73 iPd    08 47.00   -3.4X
LIC     64.15  26 P      09 29.80   -0.7
KIC     64.36  26 P      09 31.10   -0.7
TIC     64.56  26 P      09 32.50   -0.6
BCAO    70.83  50 iPc    10 13.50    1.0
        0.7s     11.00nm          5.0mb
                  ic     10 24.50
WB2    103.78 163 iPdiff12 56.10   -0.9
        0.4s     14.20nm          6.1mb X
PNT    128.85 303 ePKP   18 04.00    2.1
YKA    135.05 319 ePKP   18 07.30   -5.9X
        0.6s      1.50nm
INK    144.67 322 ePKPd  18 30.00   -0.3
        0.6s     15.00nm
                  pP     18 41.50
TOA    148.05 308 ePKP   18 42.00    5.8X
PMR    149.26 306 ePKP   18 44.50    6.5X
        0.7s      9.50nm
FBA    149.41 313 ePKP   18 44.20    6.0X
        1.1s     33.70nm
IMA    152.00 315 ePKP   18 51.40    9.2X
BJI    152.09 108 ePKP   18 52.00    9.1X
SVW    152.19 304 ePKP   18 50.60    8.1X
TTA    152.68 308 ePKP   18 53.30   10.1X
      S.D. = 1.1  on  13 of  23 abs.
-----------------------------------------
%  FEB  16, 1992  23h 28m 30.75± 1.09s
   32.739 S ±10.3km   68.152 W ±13.6km
   DEPTH =  33.0km  (normal)
 MENDOZA PROVINCE, ARGENTINA         (139)

CFA      1.13 356 iPc    28 52.20    1.8
                  S      29 09.90
RTCB     1.36 336 iPc    28 53.50   -0.3
                  S      29 13.00
RTBS     1.54 314 iPd    28 55.00   -1.2
                  S      29 15.50
RFA      2.04 187 iP     29 04.00    0.4
TCA      3.33  66 iPc    29 21.00   -0.9
      S.D. = 1.7  on   5 of   5 abs.
-----------------------------------------
%  FEB  16, 1992  23h 54m 02.36± 2.09s
   34.681 N ±22.1km  137.645 E ±14.8km
   DEPTH =  33.0km  (normal)
 NEAR S. COAST OF HONSHU, JAPAN      (230)

IIDJ     0.83  15 P      54 16.60   -1.0
                  S      54 26.80
TSRJ     1.61 303 P      54 29.20    0.4
                  S      54 50.30
CHJJ     1.75  39 P      54 31.10    0.2
                  S      54 55.80
WKYJ     1.76 255 P      54 31.20    0.2
                  S      54 58.20
MAT      1.91  14 eP     54 34.00    0.8
                  eS     54 58.00
YONJ     3.47 280 P      54 54.90   -0.5
      S.D. = 0.8  on   6 of   6 abs.
-----------------------------------------
   FEB  17, 1992  00h 01m 56.61± 0.10s
   79.191 N ± 2.2km  124.482 E ± 1.6km
   DEPTH =  10.0km  (geophysicist)
   5.9mb (114 abs.)  5.6Msz ( 22 obs.)
 EAST OF SEVERNAYA ZEMLYA, RUSSIA(654)
      Mo=2.5*10**18 Nm (PPT).
      FAULT PLANE SOLUTION: P-Waves
       NP1:Strike= 85 Dip=60 Slip=-162
       NP2:        346     74       -31
       Principal Axes:
        T                Plg= 9  Azm= 38
        P                     33      302
      Comment: The focal mechanism is
        poorly controlled and
        corresponds to strike-slip
        faulting with a moderate
        normal component. The
        preferred fault plane is not
        determined.
      RADIATED ENERGY
       No. of sta:  12  Focal mech.  F
       Energy        6.5±1.8*10**13 Nm
      MOMENT TENSOR SOLUTION
      Dep  20          No. of sta: 21
      Moment Tensor;   Scale 10**18 Nm
        Mrr=-0.46       Mtt= 0.61
        Mff=-0.15       Mrt=-0.32
        Mrf=-0.35       Mtf=-0.70
       Principal axes:
        T  Val=  1.03  Plg= 4  Azm=210
        N       -0.05      48       115
        P       -0.98      42       303
      Best Double Couple:Mo=1.0*10**18
       NP1:Strike=338 Dip=59 Slip= -30
       NP2:        84      65      -145
      CENTROID, MOMENT TENSOR     (HRV)
      Data Used: GDSN
      L.P.B.: 32S, 76C  M.W.: 21S, 30C
      Centroid Location:
      Origin Time        00:02: 1.8 0.1
      Lat 79.25N 0.02 Lon 124.10E 0.08
      Dep  15.0 BDY Half-duration  3.7
      Moment Tensor;   Scale 10**17 Nm
        Mrr=-8.72 0.13  Mtt= 0.57 0.13
        Mff= 8.15 0.13  Mrt=-2.17 0.54
        Mrf=-3.13 0.60  Mtf=-4.26 0.12
       Principal Axes:
        T  Val= 10.28  Plg= 6  Azm= 68
        N       -0.15      20       160
        P      -10.13      69       321
      Best Double Couple:Mo=1.0*10**18
       NP1:Strike=137 Dip=43 Slip=-120
       NP2:        355     54       -65
KBS     18.29 325 eP     06 09.00   -2.5
BRW     19.71  70 ePd    06 26.99   -1.5
                  e      06 39.65
MBC     21.00  37 iPc    06 41.10   -0.7
        1.0s    563.00nm          5.9mb
DAG     22.96 339 iPc    07 01.90    0.5
        1.2s    201.56nm          5.5mb
ANM     24.02  86 iPd    07 14.12    2.4
KEV     24.21 303 ePc    07 12.58   -1.0
      Z  16s     11.70um          5.5MszX
                  eS     11 30.80
IMA     24.83  74 iPc    07 20.79    1.0
        1.4s     62.14nm          5.1mb
                  e      07 30.74
TRO     25.56 309 iPc    07 26.10   -0.3
INK     26.23  55 eP     07 33.00    0.3
        0.8s    127.00nm          5.7mb
                  pP     07 57.00 111kmX
COL     26.95  70 iPc    07 40.84    1.5
                  eS     12 20.41
FBA     26.95  70 iPc    07 40.32    1.0
TTA     27.26  79 iPc    07 42.96    0.7
        1.5s    518.50nm          6.0mb
IRK     27.92 207 iPd-   07 47.00   -1.3
        8.0s      1.00nm          2.6mb X
                  e      08 07.00
                  e      08 22.00
                  ePP    08 37.00
                  e      09 55.00
                  iS     12 32.00
                  e      13 22.00
                  ePcS   15 08.00
SVW     29.01  80 iPc    07 58.56    0.5
        1.2s    164.20nm          5.7mb
                  e(PP)  08 48.63
PMR     29.76  74 P      08 03.70   -1.0
        1.6s    273.22nm          5.8mb
      Z  20s      7.00um          5.3Msz
KLU     30.43  71 iPc    08 10.78    0.0
```

```
PDB     30.51  80 iPc    08 11.62   0.2
                ePP    09 15.11
SLKM    30.57  76 iPc    08 11.13  -0.8
                PcP    11 10.81
KAF     31.34 297 eP     08 17.20  -1.5
        0.8s    10.50nm          4.8mb X
SMY     31.36 117 P      08 30.00  11.1X
      Z  20s     9.00um          5.4Msz
BALM    31.49  69 iPc    08 20.43   0.3
                ePcP   11 22.96
NUR     33.13 297 iP     08 34.60   0.3
        0.8s    10.00nm          4.8mb X
      Z  18s    18.60um          5.8Msz
                e      09 47.00
                e      15 26.00
                e      16 44.00
                LR     25 26.00
SDN     33.50  89 P      08 36.40  -1.1
        1.2s   401.33nm          6.2mb
      Z  18s    14.29um          5.7Msz
AKU     33.71 333 iPd    08 41.30   2.0
        2.3s  1709.09nm          6.6mb
ADK     33.78 107 ePc    08 39.38  -0.6
        1.3s   570.80nm          6.3mb
YKA     34.44  45 eP     08 45.00  -0.6
        1.3s    50.20nm          5.3mb
MDJ     34.75 174 ePd    08 48.97   0.5
        1.5s  1020.00nm          6.5mb
      Z  56s    56.10um          5.9MszX
      N  11s     2.90um
      E  13s    14.50um
                ic     08 58.32
                ePcP   11 22.78
NB2     34.76 308 P      08 47.40  -1.0
        0.6s    68.20nm          5.7mb
UPP     34.90 302 iP     08 48.20  -1.3
                iPP    10 02.00
                iS     14 18.00
HFS     35.25 306 eP     08 51.00  -1.6
        0.8s    66.10nm          5.6mb
      Z  16s    10.96um          5.7MszX
                LR     21 30.00
CN2     35.51 179 iPd    08 54.80  -0.1
        1.6s   560.00nm          6.2mb
      Z  15s    17.60um          5.9MszX
      N  13s     9.13um
      E  13s     6.47um
                pP     09 03.60  30kmX
                S      14 28.00
ASAJ    35.86 157 eP     08 56.70  -1.2
OBN     36.13 283 iPd-   09 00.00  -0.1
        1.8s   720.00nm          6.2mb
      Z  28s     2.50um          4.8MszX
      N  28s     6.00um
      E  28s     3.60um
                ipP    09 10.00  34kmX
                isP    09 15.00
                iPP    10 22.00
                e      10 25.00
                iPPP   10 30.00
                ePPPP  10 50.00
                ePcP   11 28.00
                iS     14 40.00
                e      14 44.00-
                ePcS   15 18.00
                iSS    17 08.00
                eSSS   18 00.00
                LQ     21 10.00
                LR     24 04.00
                e      28 08.00
ASK     36.15 313 eP     09 00.80   0.6
BER     36.23 313 eP     09 01.00   0.2
SIT     36.46  65 P      09 04.30   1.5
        1.5s   187.29nm          5.7mb
      Z  20s    10.00um          5.6Msz
SNY     37.49 181 iPd    09 11.80   0.3
        1.6s   400.00nm          5.9mb
      Z  14s    16.90um          6.0MszX
      N  12s    12.10um
      E  12s     5.01um
                pP     09 21.20  32kmX
                S      14 56.00
                sS     15 14.00
                SS     17 26.00
WMQ     38.09 225 ePd    09 17.91   1.1
        2.0s   110.00nm          5.3mb
      Z  12s    37.80um          6.4MszX
      N  13s    21.10um
                ec     09 26.77
                iPP    10 43.57
                PcP    11 26.50
                eS     15 14.22
HHC     38.79 196 iPd    09 24.00   1.3
        1.4s   160.00nm          5.5mb
      Z  15s    13.20um          5.9MszX
      N  13s     6.68um
      E  14s    11.80um
                sP     09 33.50
                PP     10 59.00
                S      15 19.00
                PcS    15 25.00
BTO     39.13 198 P      09 25.50   0.0
        1.6s   100.00nm          5.2mb
      N  12s    13.20um
      E  15s    12.70um
                pP     09 35.00  32kmX
                PP     11 00.00
                S      15 25.00
                SS     18 11.50
BJI     39.41 190 ePd    09 28.76   1.1
        1.7s   880.00nm          6.2mb
      Z  15s    15.80um          6.0MszX
      N  13s     9.22um
      E  14s     5.77um
                ec     09 38.53
                ePP    11 04.76
                eScP   15 25.30
                eS     15 31.51
                eSS    18 01.32
MUD     39.46 308 iPd    09 28.20   0.3
        0.7s   108.00nm          5.6mb
                i      09 40.00
COP     39.72 305 iPd-   09 30.50   0.4
        1.4s   427.91nm          5.9mb
      Z  16s     9.09um          5.7MszX
                i      10 05.50
                e      11 03.00
                iS     15 36.00
BSD     39.88 302 iPc    09 32.00   0.6
        1.4s   450.00nm          5.9mb
DL2     40.42 183 P      09 35.00  -1.0
        1.5s   840.00nm          6.2mb
      Z  16s     7.59um          5.6MszX
      N  13s     2.70um
      E  13s     8.12um
EDR     40.64 318 eP     09 37.90   0.2
        1.1s   107.00nm          5.5mb
OFUJ    40.81 159 eP     09 39.60   0.4
EDU     41.06 318 eP     09 38.90  -2.2
        0.9s   101.00nm          5.6mb
GTA     41.08 209 iPd    09 42.70   1.1
        1.2s    94.00nm          5.4mb
      Z  10s    12.80um          6.1MszX
      E  14s    20.20um
                pP     09 50.50  26kmX
                PP     11 16.00
ELO     41.22 319 eP     09 42.20  -0.3
        1.2s   140.00nm          5.6mb
EBH     41.41 318 eP     09 44.00   0.0
        0.9s   168.00nm          5.8mb
EAB     41.58 319 eP     09 45.20  -0.1
        1.1s    63.00nm          5.3mb
YAMJ    41.61 161 eP     09 46.30   0.5
ESY     41.62 317 eP     09 45.60  -0.1
        1.1s    75.00nm          5.3mb
EDI     41.69 318 eP     09 46.60   0.3
        1.3s    48.00nm          5.1mb
EAU     41.80 318 eP     09 47.60   0.4
        1.1s    60.00nm          5.2mb
EBL     41.82 318 eP     09 47.30  -0.1
        0.9s    66.00nm          5.4mb
TIY     41.88 194 iPd    09 49.00   0.9
      Z  15s    15.40um          6.0MszX
      N  13s     8.09um
                S      16 11.00
                SS     19 08.00
EKA     42.26 318 Pd     09 51.40   0.4
        1.1s   128.00nm          5.6mb
ESK     42.29 318 iPd    09 51.80   0.6
        0.8s    88.00nm          5.5mb
BRN     42.75 303 iPd    09 56.20   1.2
MTMJ    43.06 164 P      09 58.20   0.4
MAJO    43.13 164 ePd    09 58.16  -0.1
                eS     16 32.70
                e      20 22.79
MAT     43.13 164 iPd    09 57.70  -0.6
        1.7s   211.54nm          5.6mb
      Z  20s     2.84um          5.2Msz
                eS     16 23.00
TIA     43.20 189 Pd     09 59.00   0.2
        2.0s   250.00nm          5.6mb
      Z  15s    17.60um          6.1MszX
      N  12s    12.60um
      E  15s     6.40um
                sP     10 06.00
                S      16 25.00
                SS     19 31.00
FFC     43.58  38 ePc    10 00.90  -0.8
        1.7s   189.00nm          5.6mb
KSP     43.77 299 iPd    10 03.80   0.4
        1.4s   579.00nm          6.2mb
                e      11 43.00
CLL     43.85 303 iPd    10 04.00   0.0
        1.8s   580.00nm          6.1mb
                eS     16 34.00
KRA     43.93 296 iPd    10 05.20   0.6
        1.6s   850.00nm          6.3mb
      Z  20s     7.10um          5.6Msz
                i      10 24.30
                e      11 50.80
                e      11 58.00
                e      16 40.00
LZH     44.03 204 iPd    10 07.00   1.2
        1.5s   470.00nm          6.1mb
      Z  15s    12.60um          6.0MszX
      N  13s     8.16um
                pP     10 13.50  22kmX
                sP     10 15.80
                PP     11 52.00
                eS     16 38.00
                sS     16 50.00
                SS     19 47.00
KSH     44.08 236 P      10 07.50   1.4
      Z  16s    23.60um          6.2MszX
      N  12s     9.27um
      E  12s    12.50um
                pP     10 13.50  20kmX
                PP     11 55.00
                S      16 34.00
BRG     44.13 302 iPd    10 06.30   0.1
        1.8s   370.00nm          5.9mb
                i      10 12.70
                eS     16 41.00
DMU     44.13 320 eP     10 06.30   0.1
WTS     44.14 308 iPd    10 07.00   0.7
        1.7s   867.00nm          6.3mb
                e      10 17.50
IIDJ    44.17 164 P      10 06.30  -0.4
DLF     44.68 320 eP     10 10.50  -0.1
SPC     44.71 295 iPd    10 13.60   2.4
                e      11 53.90
MOX     44.72 304 iPd    10 11.80   0.8
        1.7s   586.00nm          6.2mb
      Z  16s     3.40um          5.4MszX
      N  19s     3.20um
      E  16s     3.70um
                i      10 22.00
                i      10 46.00
                eS     16 48.00
DCN     44.72 321 eP     10 11.20   0.2
PRU     44.89 301 iPd    10 12.90   0.5
        1.7s   324.50nm          6.0mb
      Z  17s    11.50um          5.9MszX
      N  17s     8.90um
      E  14s     2.30um
                e      10 23.40
                PP     11 52.70
                S      16 51.10
NKC     44.99 303 Pd     10 14.00   0.9
HOF     45.00 303 iPd    10 14.00   0.7
        1.8s   700.00nm          6.3mb
BNS     45.09 307 iPd    10 14.30   0.3
        2.0s   170.00nm          5.6mb
      Z  15s    17.30um          6.1MszX
ETA     45.23 319 iPd    10 15.10   0.1
GAR     45.44 242 iP     10 18.00   0.9
      Z  13s    22.00um          6.3MszX
                iPP    12 08.00
                iPPP   12 52.00
                iS     17 00.00
                iSS    20 08.00
```

				iSSS	21 15.00	
MEM		45.61	308	iPd	10 18.22	0.2
BMR		45.61	292	ePc	10 31.00	12.9X
TNS		45.62	306	iPd	10 18.50	0.3
ECB		45.62	320	iPd	10 18.40	0.3
		1.3s	554.00nm			6.4mb
UCC		45.67	310	P-	10 19.00	0.5
GRF		45.71	304	iPd	10 19.80	0.9
		1.8s	891.00nm			6.4mb
	Z	22s	3.00um			5.2Msz
				e	10 26.20	
				e	10 30.40	
				e(PP)	11 57.70	
XAN		45.72	198	iPd	10 18.00	-1.2
		1.0s	260.00nm			6.2mb
	N	12s	9.79um			
	E	12s	5.10um			
				pP	10 24.00	20kmX
				sP	10 28.00	
				PP	12 04.00	
				PcS	15 50.00	
				S	17 04.00	
				ScS	20 15.00	
ECP		45.75	319	iPd	10 19.30	0.2
		1.3s	472.00nm			6.3mb
CEI		45.78	293	eP	10 21.00	1.5
KHC		45.88	301	iPd	10 21.80	1.5
		1.5s	205.00nm			5.9mb
	Z	16s	9.80um			5.8MszX
	N	16s	6.80um			
	E	14s	3.00um			
				i	10 31.50	
				e	11 52.50	
				S	17 08.00	
SNF		45.96	310	iPd	10 21.20	0.4
WET		45.97	302	iPd	10 22.00	1.0
		1.8s	659.00nm			6.3mb
	Z	16s	8.00um			5.8MszX
				eS	17 12.80	
PSZ		46.00	295	iPc	10 22.20	0.9
GEC2		46.13	301	PKP	10 19.40	-3.0
		1.0s	65.47nm			5.6mb
ZST		46.20	298	iPd	10 24.80	2.0
VKA		46.27	299	iPd	10 23.90	0.6
		2.5s	1026.00nm			6.4mb
	Z	14s	8.90um			5.9MszX
				i	12 13.80	
				LR	34 08.00	
DOU		46.32	309	Pd-	10 24.00	0.3
		1.4s	330.00nm			6.2mb
				e	10 58.40	
SRO		46.37	297	iPd	10 24.80	0.7
PNT		46.48	54	eP	10 25.00	0.0
		1.4s	69.00nm			5.5mb
WLF		46.51	308	iPd	10 25.95	0.8
PGC		46.53	58	eP	10 26.00	0.7
MCW		46.60	57	ePc	10 26.22	0.3
				e	10 35.72	
				iPcP	12 11.14	
				ePP	12 28.50	
SES		46.67	46	ePc	10 26.20	-0.4
		1.4s	153.00nm			5.9mb
				pP	10 35.00	29kmX
VRI		46.78	288	iPd	10 29.00	1.6
KMR		46.83	300	iP+	10 25.70	-2.0
				i	10 28.60	
				i	11 58.70	
CVO		46.93	289	eP	10 31.00	2.4
MDB		46.94	290	iPc	10 34.00	5.4X
FUR		47.18	303	iPd	10 31.20	0.6
		1.8s	675.00nm			6.4mb
	Z	20s	5.00um			5.5Msz
				eS	17 26.90	
MLR		47.29	289	iPd	10 33.50	1.9
NJ2		47.30	187	Pd	10 31.00	-0.6
		1.8s	150.00nm			5.8mb
	N	13s	2.10um			
	E	12s	3.52um			
				sP	10 41.00	
				S	17 26.00	
STR		47.32	306	P	10 32.54	1.0
BHG		47.36	301	iPd	10 32.80	0.9
		1.8s	644.00nm			6.4mb
TNR		47.43	290	ePd	10 33.00	0.4
DEV		47.45	292	ePc	10 34.00	1.3
UZD		47.51	296	iP	10 34.00	0.9
ISR		47.52	288	ePd	10 35.30	2.0

CDF		47.56	307	P	10 34.08	0.4
CMP		47.67	290	iPd	10 35.00	0.6
MTUR		47.70	290	eP	10 38.00	3.2X
GMW		47.71	58	ePc	10 35.29	0.6
				ePP	12 32.04	
LIBD		47.77	306	P	10 35.78	0.7
ECH		47.77	307	P	10 35.10	-0.1
TIM		47.88	293	iPd	10 38.00	1.9
KBA		47.91	301	iPd	10 37.60	1.1
		1.5s	646.00nm			6.5mb
VITF		47.95	308	P	10 36.80	0.2
RMW		47.95	57	ePc	10 36.55	-0.1
				e	10 46.61	
FEL		47.97	306	P	10 36.80	-0.1
SLE		48.00	305	ePd	10 37.10	0.0
HAU		48.10	307	iPd	10 37.90	0.1
		1.8s	353.90nm			6.1mb
	Z	16s	10.50um			5.9MszX
DPW		48.11	53	ePc	10 37.67	-0.2
				e	10 47.79	
				ePP	12 33.59	
SOTA		48.11	303	iPd	10 38.50	0.5
		1.5s	200.00nm			6.0mb
				i	10 49.20	
MOF		48.13	307	P	10 37.99	-0.1
BSF		48.20	307	P	10 38.50	-0.2
SSE		48.22	184	Pd	10 38.00	-0.7
		1.7s	240.00nm			6.0mb
	Z	20s	3.30um			5.3Msz
	N	13s	7.30um			
				sP	10 48.00	
				S	17 38.00	
				sS	17 50.00	
ZLA		48.30	305	ePd	10 39.40	0.1
BUC		48.31	288	ePd	10 38.50	-0.8
FLN		48.34	313	iPd	10 39.10	-0.5
		1.7s	352.90nm			6.2mb
	Z	15s	7.75um			5.8MszX
DRA		48.38	290	ePc	10 43.00	3.1X
BUC1		48.38	288	eP	10 40.00	0.1
BBS		48.45	306	P	10 40.71	0.2
LDF		48.46	313	iPd	10 40.10	-0.4
		1.7s	411.70nm			6.2mb
FVI		48.47	301	Pc	10 41.30	0.7
OGA		48.48	303	iPd	10 42.00	1.0
		1.8s	792.00nm			6.5mb
PTJ		48.62	298	iPd	10 42.40	0.5
PSN		48.64	286	iPd	10 43.00	1.1
LON		48.64	57	P	10 42.18	0.2
				ePP	12 38.65	
				LR	25 08.48	
LOMF		48.66	307	P	10 41.81	-0.4
BMW		48.68	58	ePc	10 42.77	0.5
ZAG		48.70	298	iPd	10 43.20	0.8
LJU		48.72	299	ePd	10 43.00	0.5
				ePP	12 42.50	
				eS	17 48.00	
				eSS	21 20.00	
GRR		48.76	314	iPd	10 42.40	-0.4
		1.7s	264.70nm			6.0mb
OSS		48.80	304	ePd	10 44.30	0.9
LLS		48.80	305	ePd	10 44.00	0.6
VOY		48.83	300	iPd	10 43.50	0.0
WHN		48.94	192	Pd	10 43.50	-0.8
		1.5s	190.00nm			5.9mb
	N	12s	9.43um			
	E	15s	5.43um			
				pP	10 53.50	34kmX
				S	17 49.00	
CEY		49.03	299	ePd	10 45.00	0.0
				ePP	12 08.00	
VDL		49.10	304	ePd	10 46.90	1.2
SHW		49.11	58	ePd	10 46.83	1.1
				ePcP	12 10.70	
				iPP	12 45.07	
VVI		49.12	301	P	10 45.40	-0.3
VBY		49.12	299	iPd	10 46.10	0.5
LPF		49.13	314	iPd	10 45.50	-0.1
		1.5s	329.05nm			6.1mb
CD2		49.18	204	iPd	10 46.60	0.3
		1.0s	140.00nm			5.9mb
	Z	14s	5.92um			5.7MszX
	E	12s	10.80um			
				pP	10 53.00	21kmX
				PP	12 40.00	
				S	17 55.00	
				sS	18 05.00	

				ScS	20 39.00	
				SS	21 21.00	
CTI		49.18	302	Pd	10 46.00	-0.2
LOR		49.19	309	iPd	10 45.80	-0.3
		1.6s	340.10nm			6.1mb
	Z	19s	8.75um			5.8Msz
BST		49.27	316	P	10 47.18	0.5
SSF		49.44	310	iPd	10 47.80	-0.3
LBF		49.45	309	iPd	10 47.70	-0.5
TMA		49.56	304	ePd	10 49.60	0.3
PVL		49.60	289	iPd	11 02.00	12.7X
AVF		49.73	310	iPd	10 50.00	-0.3
MDI		49.75	304	Pd	10 50.00	-0.4
MMK		49.76	305	ePd	10 51.60	0.8
SAL		49.79	303	Pd	10 50.40	-0.3
SMF		49.80	309	iPd	10 50.20	-0.6
VAI		49.81	305	P	10 50.40	-0.5
DIX		49.81	306	ePd	10 52.10	0.8
EMS		49.90	306	ePd	10 52.10	0.3
MAIO		49.96	253	iPd	10 54.00	1.7
				eS	18 10.00	
VGB		50.00	56	ePc	10 52.91	0.4
				e	11 02.54	
				ePP	13 02.27	
				ePPP	14 00.25	
BGF		50.03	310	iPd	10 52.30	-0.3
JMB		50.10	287	iPd	10 53.00	-0.2
ORX		50.16	305	P	10 53.82	0.0
ORO		50.17	305	P	10 52.40	-1.4
TCF		50.38	310	iPd	10 55.10	-0.2
MAF		50.40	310	iPd	10 55.40	0.0
		1.7s	283.05nm			5.9mb
MFF		50.41	313	iPd	10 55.60	0.1
		1.6s	360.70nm			6.1mb
PGB		50.46	289	iPd	10 56.00	0.0
LSD		50.46	306	P	10 56.59	0.4
LPL		50.47	306	iPd	10 56.80	0.6
		1.5s	182.80nm			5.8mb
LPG		50.48	306	iPd	10 57.10	0.7
		1.5s	244.85nm			5.9mb
COR		50.51	59	eP	10 57.11	0.9
				i	13 00.16	
				eS	18 13.10	
				e	18 52.83	
				eScS	20 54.04	
				eSS	21 59.43	
LSF		50.52	311	iPd	10 56.00	-0.3
PLE		50.54	294	iPd	10 57.34	0.7
VTS		50.59	290	iPd	10 56.00	-1.1
DIM		50.70	288	iPd	10 59.00	1.3
RSP		50.74	306	P	10 57.82	-0.4
BOB		50.78	304	P	10 57.80	-0.6
PLD		50.79	289	iPd	10 58.00	-0.4
IVA		50.89	294	iPd	10 59.70	0.4
COLF		50.92	309	P	10 59.23	-0.2
BNI		50.93	306	P	10 59.80	0.2
ITU		50.98	284	iPc	11 00.00	0.1
RRL		51.04	306	P	11 01.00	0.4
BHB		51.05	306	P	10 58.85	-1.5
BRY		51.10	295	iPd	11 00.33	-0.6
KDZ		51.11	288	iPd	11 02.00	1.1
NKY		51.11	294	iPd	11 00.34	-0.6
MME		51.14	302	Pc	11 02.50	1.1
PCP		51.14	304	P	10 59.97	-1.2
PVY		51.15	293	iPd	11 01.57	0.3
HVAR		51.19	297	iP	11 00.60	-0.8
RZN		51.19	289	iPd	11 02.00	0.3
SFI		51.22	301	Pd	11 02.20	0.6
BDI		51.28	302	P	11 00.30	-2.0
PGD		51.29	301	Pd	11 03.10	0.7
CKI		51.30	305	P	11 01.30	-1.0
KKB		51.31	290	iPd	11 02.00	-0.4
PZZ		51.40	306	P	11 02.13	-1.1
TTG		51.43	294	iPd	11 02.52	-0.8
RJF		51.45	311	iPd	11 03.30	-0.1
		1.6s	348.25nm			6.0mb
	Z	19s	7.50um			5.7Msz
ARV		51.46	300	Pd	11 03.10	-0.4
FIR		51.46	302	iPd	11 04.00	0.6
ROB		51.49	305	P	11 02.43	-1.4
CRE		51.49	301	Pd	11 04.30	0.4
SKO		51.50	292	iPd	11 03.50	-0.3
		1.5s	174.00nm			5.8mb
	Z	13s	5.74um			5.8MszX
	N	13s	5.92um			
	E	16s	4.98um			
				i	11 08.50	

			iPcP	12 18.20	
			iPPP	13 51.50	
			iS	18 26.00	
			iScS	21 04.00	
			i(SS)	22 27.00	
			i	26 25.00	
			LQ	37 27.00	
			LR	38 22.50	
BBTK	51.52	281	iP	11 08.00	3.9X
FIN	51.52	305	P	11 02.64	-1.3
HCY	51.55	295	iPd	11 02.99	-1.2
LSA	51.59	218	iPd	11 06.44	1.3
Z	11s		2.15um		5.4MszX
N	12s		2.85um		
E	13s		1.11um		
			ec	11 15.79	
			eS	18 31.07	
			eScS	20 54.09	
STV	51.62	305	P	11 01.92	-2.9
ENR	51.62	305	P	11 02.02	-2.8
PII	51.63	302	P	11 03.80	-1.0
BDV	51.65	294	iPd	11 03.30	-1.7
CAF	51.74	310	eP	11 06.10	0.4
ULC	51.89	294	eP	11 04.75	-2.1
LFF	51.91	311	iPd	11 07.20	0.3
	1.5s		271.60nm		6.0mb
ASS	51.92	300	P	11 07.40	0.3
SBF	51.98	305	eP	11 06.60	-0.9
	1.5s		360.40nm		6.1mb
LPO	52.10	311	iPd	11 08.60	0.2
FRF	52.39	306	eP	11 09.90	-0.7
	1.6s		267.40nm		5.9mb
CDR	52.41	307	ePd	11 10.40	-0.3
OHR	52.45	292	iP	11 09.80	-1.3
	2.0s		609.00nm		6.2mb
AQU	52.49	299	Pd	11 11.70	0.3
LRG	52.54	306	eP	11 11.30	-0.3
	1.6s		267.40nm		5.9mb
Z	19s		5.50um		5.6Msz
MNS	52.58	300	Pd	11 11.40	-0.7
LMR	52.63	306	eP	11 11.90	-0.5
	1.5s		167.15nm		5.7mb
AZI	52.85	299	Pd	11 14.20	0.3
MSL	52.92	269	iPc	11 15.00	0.4
			ePcP	12 23.50	
			ePP	13 20.00	
			ePPP	14 29.50	
			eScP	16 16.50	
			ePcS	16 22.00	
			eS	18 46.50	
HPI	52.93	50	ePc	11 14.93	0.0
			e	11 28.74	
			ePP	13 19.77	
DUI	53.00	298	P	11 15.10	-0.1
SDI	53.06	299	Pd	11 15.10	-0.5
KZN	53.06	291	eP	11 15.10	-0.6
RMP	53.14	300	P	11 16.00	-0.2
RDP	53.19	300	Pd	11 16.50	-0.1
PRK	53.29	287	eP	11 07.00	-10.2X
GYA	53.40	200	iPd	11 18.00	-0.3
	1.6s		310.00nm		6.0mb
Z	20s		13.20um		6.0Msz
N	16s		17.30um		
E	16s		6.90um		
			pP	11 24.00	20kmX
			sP	11 28.00	
			PcP	12 24.00	
			PP	13 20.00	
			S	18 50.00	
MTHF	53.62	309	P	11 20.15	0.5
LCI	53.70	295	Pd	11 19.30	-0.9
LSPF	53.70	310	P	11 20.79	0.6
LESF	53.71	310	P	11 20.70	0.4
RSSD	53.76	42	P	11 30.00	9.1X
Z	20s		5.65um		5.6Msz
BTH	53.83	312	Pc+	11 20.50	-0.7
			pP	11 30.50	33kmX
			ePcP	12 40.00	
			PP	13 13.50	
			e(pPP)	13 30.00	
			PPP	14 08.00	
			S	19 18.00	
			isScS	21 24.00	
EPF	53.84	311	iPd	11 20.60	-0.7
	1.5s		163.20nm		5.8mb
GRBF	53.86	310	P	11 21.77	0.3
PTI	53.86	50	ePc	11 21.86	0.3

			ePP	14 42.43	
LBFM	53.89	59	ePd	11 22.85	0.9
			e	11 32 49	
			ePP	12 25.53	
SGO	53.93	297	Pd	11 21.60	-0.3
KEK	53.98	293	eP	11 21.90	-0.4
SALF	53.99	310	P	11 22.21	-0.2
GUN	54.00	223	Pd	11 23.20	0.2
GKN	54.07	224	Pd	11 23.40	0.1
FHC	54.08	61	ePc	11 23.77	0.7
TRGS	54.13	310	P	11 24.01	0.4
KER	54.15	265	iPd	11 23.10	-0.7
KKN	54.19	224	Pd	11 24.40	0.1
ORI	54.22	296	Pd	11 24.40	0.3
MGR	54.30	297	Pd	11 23.80	-0.8
TATO	54.31	183	eP	11 24.73	-0.1
			ec	11 34.49	
QZH	54.39	187	Pd	11 25.00	-0.4
Z	16s		4.78um		5.7MszX
N	14s		7.02um		
E	14s		3.41um		
			S	18 58.00	
PKI	54.39	223	Pd	11 26.20	0.3
DMN	54.40	224	Pd	11 26.20	0.4
NDI	54.45	232	iPd	11 25.30	-0.6
	1.5s		222.22nm		6.0mb
			eS	19 04.80	
CSI	54.52	296	P	11 26.30	-0.1
WDC	54.54	59	ePc	11 26.47	0.1
QUE	54.62	244	iPd	11 27.50	0.1
	1.7s		19.23nm		4.9mb X
			eS	19 05.50	
TDS	54.63	296	Pd	11 27.30	0.2
ECRI	54.65	314	iPd	11 27.93	0.6
ROI	54.68	296	P	11 27.50	0.0
HVU	54.87	50	ePc	11 28.74	-0.3
			e	11 38.69	
			ePPP	15 00.98	
MIN	54.92	59	ePc	11 29.43	0.0
ATH	54.98	289	eP	11 29.70	0.0
			eS	19 14.80	
			eSS	23 00.00	
KMI	55.00	204	iPd	11 29.51	-0.7
	1.2s		270.00nm		6.2mb
Z	15s		10.80um		6.0MszX
N	14s		8.80um		
E	14s		8.30um		
			ec	11 39.19	
			eS	19 10.86	
			eScS	21 26.05	
VLS	55.34	292	eP	11 31.90	-0.4
GRI	55.44	296	P	11 32.60	-0.4
ORV	55.70	59	ePc	11 34.42	-0.5
BHD	55.71	267	iPc	11 35.50	0.5
			ePP	13 39.00	
			ePPP	14 45.00	
			eScP	16 32.00	
			eS	19 25.00	
			eScS	21 22.50	
			eSS	23 11.50	
EBR	55.99	311	eP	11 37.00	0.1
			e	19 30.00	
EROQ	56.00	311	ePc	11 38.24	1.2
RSNY	56.02	16	P	11 45.00	7.9X
Z	20s		2.83um		5.4Msz
EMM	56.13	10	eP	11 38.08	0.2
			i	11 48.52	
			ePP	13 39.50	
CSS	56.15	279	eP	11 38.00	-0.2
ATN	56.24	296	P	11 36.00	-2.8
VLI	56.34	289	eP	11 37.00	-2.5
ETOR	56.35	313	iPd	11 40.22	0.5
GZH	56.40	192	Pd	11 39.00	-1.0
N	14s		4.34um		
E	13s		2.53um		
			S	19 28.00	
PPCY	56.41	280	eP	11 39.00	-1.0
DUG	56.42	51	eP	11 39.78	-0.5
	1.2s		40.50nm		5.3mb
			ePP	13 52.35	
WLVO	56.42	20	P	11 40.24	0.3
DAU	56.43	49	ePc	11 40.33	-0.2
			ePPP	15 04.85	
MNO	56.59	297	P	11 40.50	-1.1
ACTO	56.62	21	P	11 41.31	-0.2
GIB	56.65	298	Pd	11 39.70	-2.2
KVN	56.74	56	ePc	11 43.61	1.0

			e	11 53.71	
BHL	56.74	276	P	11 40.00	-2.6
			S	19 36.00	
GUD	56.81	315	iPd	11 43.13	0.1
PTO	56.89	319	iPc	11 43.70	0.3
LVI	56.93	299	P	11 43.40	-0.3
EMUT	57.08	49	ePc	11 45.17	0.0
			e	11 55.66	
			ePPP	15 17.07	
STCO	57.08	20	P	11 44.52	-0.2
TYNO	57.14	21	P	11 44.98	-0.2
HKC	57.14	191	eP	11 44.00	-1.4
ZSP	57.15	60	eP	11 45.98	0.7
NPS	57.28	286	eP	11 43.00	-3.3X
HRI	57.34	276	iPd	11 45.80	-1.0
CMB	57.37	58	eP	11 46.95	0.0
			ic	11 56.39	
			eS	19 45.03	
			eSS	23 41.76	
TOL	57.54	314	ePc	11 46.52	-1.6
	1.8s		545.45nm		6.3mb
			ec	11 57.28	
			eS	19 50.00	
PCC	57.57	60	eP	11 38.45	-9.8X
EPLA	57.63	316	iPd	11 48.97	0.3
SHI	57.71	258	eP	11 50.00	0.4
BONR	57.78	56	ePc	11 50.68	0.6
			e	11 59.37	
SRU	57.81	49	ePc	11 49.40	-0.8
			ePP	14 08.52	
TNP	57.82	55	eP	11 50.36	0.1
	1.4s		76.30nm		5.5mb
			i	12 00.49	
			PP	14 02.37	
			PPP	15 25.54	
MHC	57.84	59	eP	11 51.20	0.9
ARN	57.85	59	ePc	11 50.68	0.4
			e	11 58.57	
			ePP	13 53.48	
ATZ	57.86	276	iPd	11 49.40	-1.0
GLD	57.90	44	P	11 50.90	0.1
Z	20s		3.00um		5.4Msz
GOL	57.93	44	P	11 50.90	-0.2
	1.5s		22.85nm		5.0mb
GCC	58.09	60	eP	11 46.96	-4.9X
MSU	58.16	50	ePc	11 52.64	0.0
			e	12 02.90	
			ePP	13 57.16	
			ePPP	15 24.18	
HRV	58.20	14	eP	11 55.13	2.5
			e	14 10.59	
			eS	19 57.31	
			eSS	23 45.33	
ACU	58.38	311	iPd	11 55.43	1.4
ZNT	58.48	276	iPd	11 53.60	-1.1
FRI	58.50	58	ePc	11 54.72	0.0
EVIA	58.55	313	iPd	11 56.20	0.9
LLA	58.67	59	eP	11 56.82	0.8
MDSJ	58.84	275	Pd	11 57.19	-0.1
MASJ	58.84	275	Pd	11 57.17	-0.1
PRS	58.88	59	eP	11 58.43	1.0
EALH	59.17	312	ePc	12 00.84	1.4
PRI	59.18	59	eP	12 00.77	1.1
EBAN	59.19	314	iPd	12 00.39	0.7
CSTJ	59.25	274	Pd	11 59.26	-0.9
PKEM	59.34	58	eP	12 02.80	2.1
			e	12 12.16	
LISJ	59.36	276	Pd	12 00.75	0.0
EHUE	59.37	313	iPd	12 02.01	1.0
PHAM	59.52	59	ePc	12 03.11	1.2
ABA	59.56	307	iP	12 06.00	3.9X
SCP	59.56	20	ePd	12 00.43	-1.7
			ic	12 09.95	
MKT	59.71	276	iPd	12 02.00	-1.3
EHOR	59.73	315	iPd	12 03.80	0.5
ISA	59.99	57	eP	12 03.16	-2.1
			eS	20 21.15	
			eSS	24 16.21	
ECOG	60.04	314	iPc	12 05.85	0.3
ENIJ	60.15	312	ePc	12 06.65	0.4
EVAL	60.16	316	iPd	12 06.52	0.3
BCH	60.20	58	ePc	12 08.21	1.5
			ePP	14 31.20	
EGUA	60.47	313	iPd	12 08.95	0.5
EPRU	60.57	315	iPd	12 10.16	1.1
QIZ	60.59	196	iPd	12 09.50	0.2
N	12s		5.38um		

E 12s 3.82um
eS 20 25.50
GSC 60.61 55 ePc 12 09.73 0.3
ic 12 19.50
eS 20 26.51
eSS 24 36.99
ABL 60.67 58 ePd 12 10.18 0.1
e 12 19.85
MAL 60.69 314 iP 12 10.00 0.1
eS 20 30.00
iSS 27 16.00
MBH 60.91 276 iPd 12 09.90 -1.6
SBC 60.99 58 eP 12 12.49 0.6
ic 12 22.42
SBB 61.05 56 eP 12 12.00 -0.4
EJIF 61.11 315 iPd 12 13.68 1.0
FVM 61.35 31 iPc 12 12.28 -2.0
2.3s 262.80nm 6.0mb
i 12 21.64
MWC 61.47 57 eP 12 16.00 0.6
HLW 61.48 279 ePd 12 15.00 -0.3
e 12 26.00
e 12 36.00
e 13 05.00
e 14 26.00
e 16 08.00
eS 20 36.00
e 24 30.00
e 25 28.00
PAS 61.52 57 ePc 12 15.69 0.1
ic 12 25.13
CHTO 61.57 208 iPd 12 14.10 -1.9
1.6s 131.23nm 5.8mb
ACO 61.67 39 iPd 12 16.40 -0.2
RVR 61.80 56 eP 12 17.00 -0.5
TPC 61.90 55 eP 12 18.00 -0.2
PEC 61.93 56 eP 12 17.64 -0.8
1.5s 51.50nm 5.5mb
i 12 27.18
e 14 22.12
PPP 16 17.16
ELC 62.15 30 ePd 12 18.00 -1.7
e 12 27.72
CBN 62.17 19 eP 12 20.00 0.2
1.0s 53.00nm 5.7mb
e 12 29.00
CVL 62.33 20 ePd 12 20.93 0.1
e 12 30.10
ANMO 62.47 46 ePc 12 21.18 -0.9
1.5s 155.56nm 6.0mb
Z 20s 5.32um 5.7Msz
ic 12 30.87
eS 20 51.92
eSS 24 58.98
ALQ 62.47 46 ePc 12 21.80 -0.4
1.2s 85.94nm 5.8mb
Z 20s 5.32um 5.7Msz
PLM 62.51 56 eP 12 22.00 -0.4
TUL 62.84 36 ePd 12 22.60 -1.7
1.5s 112.60nm 5.8mb
Z 20s 2.98um 5.5Msz
N 22s 2.74um
E 20s 2.84um
e 16 18.00
eS 20 47.00
e 25 03.00
BAG 62.84 184 ePc+ 12 23.00 -1.6
1.5s 138.89nm 5.9mb
eS 20 52.00
LST 62.86 31 ePc 12 22.79 -1.6
i 12 33.32
GLA 63.12 54 eP 12 26.00 -0.2
GRT 63.15 30 ePd 12 25.57 -0.7
e 12 35.11
BAR 63.20 56 eP 12 24.00 -2.7
VVO 63.41 36 eP 12 27.00 -1.1
MEO 63.63 39 iPd 12 28.60 -1.0
GBTN 64.20 26 ePd 12 31.51 -1.8
e 12 41.59
TKL 64.25 25 ePd 12 31.55 -2.0
e 12 41.09
ePP 14 50.69
CEH 64.36 21 P 12 32.60 -1.7
1.4s 72.65nm 5.7mb
pP 12 42.80 33kmX
AVE 64.47 316 iP 12 35.50 0.5
i 12 55.00
BOM 64.73 235 iPc 12 35.40 -1.4
iS 21 15.90
POO 64.92 234 iPd 12 35.50 -2.6
iS 21 18.00
HYB 65.32 229 iPd 12 39.70 -1.0
1.4s 500.00nm 6.5mb
e 13 12.00
eS 21 24.00
eP'P' 41 22.00
KHT 65.59 208 iPd 12 42.00 -0.3
LHS 65.65 23 ePc 12 40.25 -2.3
i 12 50.53
JSC 65.81 23 ePd 12 42.15 -1.4
i 12 51.29
ePP 15 01.29
PRM 65.92 24 ePd 12 42.83 -1.5
e 17 25.98
GUMO 66.34 158 eP 12 47.60 0.5
Z 31s 1.01um 4.8MszX
GUA 66.39 158 eP 12 46.70 -0.8
HON 66.85 98 P 13 00.00 9.6X
Z 20s 4.26um 5.7Msz
HBF 67.21 23 ePd 12 51.40 -1.1
i 13 00.89
DAV 72.08 179 ePc 13 23.00 0.5
1.2s 412.50nm 6.4mb
SNG 72.95 205 iPd 13 28.80 1.2
1.5s 388.89nm 6.3mb
eS 21 58.50
KKM 73.23 189 ePd 13 29.50 0.1
1.8s 585.40nm 6.4mb
IPM 75.49 204 ePd 13 43.00 0.6
ARO 77.18 264 iPd 13 53.20 1.3
PCI 80.05 185 ePc 14 07.30 -0.1
1.3s 11.40nm 4.7mb X
e 16 19.50
AAE 80.38 267 iP 14 11.00 1.3
BBJ 81.88 21 ePc 14 18.33 1.2
STH 82.21 20 ePc 14 20.06 1.2
SPJ 82.24 21 ePc 14 20.18 1.1
YHJ 82.41 20 ePc 14 21.86 2.0
TIC 90.37 310 Pd 14 58.74 -0.2
1.4s 45.00nm 5.5mb
KIC 90.61 310 Pd 15 00.02 0.0
2.0s 501.50nm 6.5mb
LIC 90.78 310 Pd 15 00.76 -0.1
1.9s 486.50nm 6.5mb
Z 20s 0.45um 4.9Msz
NAI 90.80 267 iPd 15 03.50 2.4
BOG 95.73 19 iPKPd 15 26.00 2.0
WRA 99.09 171 P 15 35.20 -3.4X
0.8s 2.10nm 4.8mb X
QIS 99.91 166 iPd 15 41.60 -0.8
1.8s 121.00nm 6.1mb
i 15 52.00
LPB 117.03 14 PKP 20 43.00 -0.1
LR 57 50.00
FRS 120.73 273 iPKPd 20 41.30 -8.0X
0.9s 21.01nm
PPD 122.75 355 ePKP 20 53.70 0.3
RTCB 131.86 15 iPKPc 21 11.50 0.7
TCA 131.89 10 ePKP 21 11.80 1.0
CFA 132.01 15 iPKPd 21 11.00 0.0
ROCH 133.22 18 ePKP 21 13.50 0.0
MDZ 133.25 15 i(PKP)21 14.80 1.5
PEL 133.41 18 iPKPd 21 13.60 0.0
1.5s 111.11nm
LCCH 133.69 19 ePKP 21 14.50 0.5
SAN 133.72 18 ePKP 21 15.00 0.9
PCH 133.90 17 ePKP 21 13.30 -1.2
TACH 133.90 18 ePKP 21 14.80 0.3
LNV 134.18 19 ePKP 21 15.00 0.1
CHCH 134.20 18 ePKP 21 15.40 0.3
CACH 134.38 18 ePKP 21 15.50 0.0
RFA 135.15 15 iPKPc 21 17.30 0.4
SPA 169.12 180 iPKPc 22 01.20 -1.5
1.2s 51.41nm
S.D. = 1.0 on 437 of 454 obs.

? FEB 17, 1992 00h 23m 21.23± 0.54s
17.545 S ±38.1km 172.199 E ±33.1km
DEPTH = 33.0km (normal)
4.8mb (5 obs.)
VANUATU ISLANDS REGION (185)

DZM 7.04 229 iPc 25 06.00 1.2
ARMA 22.70 232 eP 28 21.50 0.0
0.8s 8.00nm 4.2mb
RMQ 23.46 244 iPc 28 33.30 4.6X
1.1s 51.00nm 4.9mb
BWA 27.09 227 eP 29 01.80 -1.2
ISA 84.24 50 eP 35 51.00 -0.1
RVR 84.33 52 eP 35 51.00 -0.5
PLM 84.44 53 eP 35 52.00 -0.3
TPC 85.37 52 eP 35 57.00 0.2
TNP 86.20 48 eP 36 01.00 0.0
1.4s 14.20nm 5.0mb
RMW 87.52 38 ePd 36 07.20 0.2
PNT 89.69 37 eP 36 18.00 0.8
0.8s 8.00nm 5.1mb
MSU 90.00 49 ePc 36 19.63 0.4
SRU 91.42 49 eP 36 25.27 -0.4
YKA 97.89 27 eP 36 54.80 0.4
0.8s 0.60nm 4.2mb
PGB 143.13 319 ePKP 42 53.00 -0.8
RZN 143.23 318 ePKP 42 52.00 -2.2
VTS 143.70 320 ePKP 42 55.00 0.1
MMB 143.92 318 iPKPd 42 55.00 -0.1
KKB 144.17 319 iPKPc 42 55.00 -0.5
GEC2 144.23 336 PKP 42 54.80 -0.7
0.6s 3.94nm
GRF 144.45 339 ePKP 42 56.40 0.7
KBA 145.78 334 e(PKP)43 00.00 1.7
OHR 146.02 320 ePKP 42 57.00 -1.7
e 42 58.70
CDF 146.85 342 ePKP 43 02.50 2.6
1.2s 26.80nm
HAU 147.49 342 ePKP 43 04.10 3.3X
BSF 147.51 342 ePKP 43 04.10 3.1X
LOR 148.84 345 ePKP 43 07.50 4.5X
0.9s 9.85nm
LPF 149.09 351 ePKP 43 08.10 4.8X
0.9s 21.30nm
SSF 149.12 345 ePKP 43 08.10 4.7X
1.1s 28.10nm
AVF 149.41 345 ePKP 43 08.70 4.8X
SMF 149.42 344 ePKP 43 08.80 4.9X
LPL 149.59 340 ePKP 43 10.00 5.5X
1.1s 13.45nm
LPG 149.60 340 ePKP 43 10.10 5.5X
0.9s 9.85nm
BGF 149.75 345 ePKP 43 09.50 5.1X
0.9s 16.40nm
MAF 150.14 345 ePKP 43 10.70 5.7X
1.2s 16.35nm
TCF 150.16 346 ePKP 43 10.60 5.5X
1.1s 14.65nm
LSF 150.35 347 ePKP 43 10.70 5.4X
1.1s 14.65nm
BCAO 151.11 246 iPKPc 43 13.40 6.0X
0.4s 15.00nm
id 43 22.20
S.D. = 1.1 on 23 of 38 obs.

FEB 17, 1992 00h 33m 39.35± 0.73s
39.968 N ± 5.6km 20.634 E ± 8.0km
DEPTH = 10.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)

IGT 0.49 208 ePg 33 49.18 -0.2
eSg 33 57.50
FNA 0.99 35 ePg 33 57.38 -0.8
eSg 34 11.45
OHR 1.15 6 iPn 34 01.20 0.3
LIT 1.43 84 ePb 34 04.93 -0.4
eSb 34 24.58
AGG 1.62 125 ePb 34 08.50 0.5
eSb 34 32.30
SKO 2.09 17 ePn 34 15.00 0.1
iSg 34 46.60
KNT 2.10 55 ePn 34 15.34 0.4
eSn 34 43.86
SOH 2.25 67 ePn 34 17.82 0.7
eSn 34 46.54
OUR 2.59 81 ePn 34 21.50 -0.5
S.D. = 0.6 on 9 of 9 obs.

FEB 17, 1992 01h 22m 29.41± 0.29s
52.404 N ± 3.3km 0.094 W ± 3.8km
DEPTH = 10.0km (geophysicist)
UNITED KINGDOM (533)
ML 3.4 (BGS). Felt (IV) in the
Peterborough area.

17d 01h

```
KUF      0.28 320 iPgd  22 36.90   1.6
KSY      0.64 332 iPgd  22 42.90   0.7
CWF      0.81 295 iPgd  22 46.10   1.0
KWE      1.23 301 ePn   22 53.30   1.1
HGH      1.84 246 iPnc  23 03.10   1.8
HTR      1.98 262 iPnd  23 04.70   1.4
HCG      2.19 269 iPnc  23 07.40   1.1
WFB      2.42 278 ePn   23 10.60   0.9
YLL      2.58 288 ePn   23 12.20   0.3
YRE      2.70 284 ePnc  23 13.90   0.3
WME      2.74 293 ePn   23 14.20   0.1
YRH      2.80 281 ePn   23 15.50   0.5
YRC      2.85 289 ePn   23 15.70   0.0
WIM      3.26 304 ePn   23 20.80  -0.7
SNF      3.33 123 iPd   23 25.00   2.5
FLN      3.66 184 Pn    23 28.30   1.1
                  Sg    24 24.20
DOU      3.74 126 P     23 30.10   1.7
                  i     23 44.60
ETA      3.74 277 eP    23 28.70   0.3
                  eS    24 10.70
EBL      3.80 334 ePn   23 28.50  -0.7
LDF      3.82 180 Pn    23 31.20   1.7
ESY      3.82 338 ePn   23 28.70  -0.8
ECP      3.86 269 eP    23 29.90  -0.1
                  eS    24 13.50
CME      3.90 237 ePn   23 30.50  -0.1
                  eSn   24 12.10
EAU      3.97 332 ePn   23 31.30  -0.4
DLF      4.00 285 eP    23 31.90  -0.1
                  eS    24 14.20
GRR      4.05 187 Pn    23 31.50  -1.2
                  Sn    24 17.70
ENN      4.10 111 ePn   23 48.00  14.7X
       0.6s    22.00nm
                  eS    24 39.00
ECB      4.10 272 eP    23 33.00  -0.4
                  eS    24 17.70
MEM      4.21 113 iP    23 36.70   1.7
WTS      4.27  93 ePn   23 57.50  21.7X
       0.6s     6.00nm
EBH      4.34 334 ePn   23 35.90  -1.0
DMU      4.37 293 eP    23 36.50  -0.8
LPF      4.42 188 Pn    23 38.00   0.0
                  Sn    24 26.70
DCN      4.45 285 eP    23 38.10  -0.3
EDU      4.49 339 ePn   23 38.30  -0.6
EAB      4.53 328 ePn   23 38.40  -1.2
ELO      4.59 334 ePn   23 39.20  -1.2
EDR      4.74 344 ePn   23 41.10  -1.5
WLF      4.80 122 eP    23 57.00  13.6X
LOR      5.74 152 Pn    23 57.00   0.3
                  Sn    24 58.80
MFF      5.81 180 Pn    23 57.60  -0.1
                  Sn    25 00.50
SSF      5.83 155 Pn    23 58.00   0.0
LBF      6.03 152 Pn    24 00.50  -0.3
                  Sn    25 04.80
HAU      6.04 134 Pn    24 01.40   0.5
AVF      6.05 157 Pn    24 00.80  -0.2
                  Sn    25 05.30
BGF      6.16 161 Pn    24 01.70  -0.9
CDF      6.18 127 Pn    24 03.90   1.0
LSF      6.25 170 Pn    24 03.10  -0.8
                  Sn    25 09.40
TCF      6.30 165 Pn    24 03.50  -1.2
                  Sn    25 13.50
SMF      6.31 155 Pn    24 04.00  -0.7
                  Sn    25 14.50
BSF      6.37 133 Pn    24 06.20   0.6
                  Sn    25 16.30
MAF      6.43 163 Pn    24 06.60   0.2
RJF      7.19 171 Pn    24 16.20  -0.8
                  Sn    25 31.70
LFF      7.49 175 Pn    24 19.60  -1.7
                  Sn    25 38.50
CAF      7.62 168 Pn    24 21.80  -1.3
                  Sn    25 41.00
LPO      7.77 173 Pn    24 23.30  -2.0
                  Sn    25 45.30
LPL      8.22 144 Pn    24 32.00   0.2
LPG      8.25 144 Pn    24 32.60   0.5
EPF      9.38 178 Pn    24 46.10  -1.6
                  Sn    26 23.40
     S.D. = 1.0   on  56 of  59 obs.
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&  FEB  17, 1992  01h 32m 30.50s
    44.770 N          112.353 W
    DEPTH =  10.1km
 EASTERN IDAHO                        (457)
        <BUT>. ML 4.0 (BUT), 4.0 (GS).
        Felt at Lima, Montana and in the
        area east of Dell, Montana.

LTMT     0.30 145 iPc   32 36.50  -0.4
MCMT     0.36 279 iPd   32 37.40  -0.6
BGMT     0.51  25 iPc   32 40.20  -0.8
HBMT     1.04 350 iPc   32 49.70  -0.6
LRM      1.05 356 iPc   32 49.90  -0.6
HPI      1.19 207 iPd   32 51.68  -1.1
                  eS    33 06.99
BUT      1.25 353 iPc   32 53.60  -0.3
                  iS    33 10.30
MEMT     1.29  49 ePc   32 53.50  -1.0
SXM      1.60  30 ePn   32 58.80  -0.2
PTI      1.90 180 ePc   33 02.82  -0.6
                  eS    33 27.30
HRY      1.98  10 iPnc  33 03.60  -0.9
BW06     2.84 134 eP    33 19.30   2.3
                  eS    33 53.00
HVU      3.00 186 ePn   33 18.28  -0.9
                  ePg   33 20.98
                  eS    34 01.72
DAU      4.43 169 ePn   33 41.79   2.2
                  ePg   33 52.27
                  eSg   34 46.81
                  eSn   34 54.97
DUG      4.58 184 ePn   33 44.25   2.6
                  ePg   33 52.64
                  eS    34 56.22
NEW      4.80 318 eP    33 43.00  -1.6
                  eS    35 00.00
EMUT     5.08 167 eP    33 52.03   3.3
                  eS    35 12.00
DPW      5.10 309 eP    33 47.00  -1.8
                  eS    35 09.78
SES      5.70   8 P     33 55.00  -2.2
       0.8s    17.20nm          4.8mb X
SRU      5.82 166 ePn   34 00.20   1.2
                  ePg   34 16.29
                  eS    35 24.69
RSSD     5.99  93 P     34 16.00  14.5
VGB      6.01 280 eP    34 00.85  -0.7
                  e(S)  35 36.19
MSU      6.25 179 ePn   34 09.08   3.8
LON      6.91 290 eP    34 12.32  -1.9
                  eS    35 50.50
RMW      7.10 296 ePn   34 17.90   0.9
TNP      7.61 210 ePn   34 25.96   1.6
                  eS    36 29.19
BONR     8.14 215 e(Pn) 34 31.95   0.1
                  ePg   35 03.86
FFC     12.00  30 eP    35 20.00  -4.3
        28 abs. associated
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    FEB  17, 1992  01h 45m 02.37± 0.88s
    18.807 N ±12.9km   64.329 W ± 3.7km
    DEPTH =  72.4 ± 10.6 km
 VIRGIN ISLANDS                       ( 91)
        MD 4.0 (TRN).

LPR      1.54 251 iP    45 28.00  -0.5
CPD      1.69 243 iP    45 30.70   0.3
SJG      1.86 248 iP    45 32.70  -0.1
                  S     45 55.70
BSK      2.03 135 eP    45 35.35   0.3
                  eS    45 58.28
SKI      2.11 134 eP    45 36.34   0.2
                  eS    46 00.05
CLLP     2.25 252 iP    45 38.10   0.0
APR      2.30 262 iP    45 39.00   0.2
PORP     2.32 251 iP    45 39.00   0.0
NEV      2.36 135 eP    45 39.81   0.2
                  eS    46 05.85
MEP      2.60 256 iP    45 43.10   0.1
                  S     46 12.80
CPB      2.65 116 eP    45 43.08  -0.5
                  eS    46 12.29
MGP      2.74 254 iP    45 45.10   0.2
ANG      2.89 124 eP    45 46.74  -0.3
                  eS    46 18.39
MGH      2.89 136 eP    45 47.62   0.5
MBET     2.91 135 eP    45 47.19  -0.2
                  eS    46 20.99
BPA      2.93 126 eP    45 47.50  -0.2
                  S     46 19.30
PAG      3.75 137 eP    45 58.92  -0.1
                  S     46 38.70
DOG      3.78 136 eP    45 59.86   0.3
MGG      4.07 135 eP    46 03.30  -0.2
TOV     10.41 211 ePn   47 33.10   1.8
                  eSn   49 15.20
SDV     11.60 213 eP    47 45.20  -2.2
                  eS    49 39.10
KIC     59.21  94 P     54 59.00   0.2
     S.D. = 0.7   on  22 of  22 obs.
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?  FEB  17, 1992  01h 59m 21.74± 3.29s
   36.876 S ±25.5km  176.742 E ±17.8km
   DEPTH = 317.3 ± 25.7 km
 OFF E. COAST OF N. ISLAND, N.Z. (160)

URZ      1.41 168 P     00 05.50  -0.8
                  S     00 35.50
HBZ      1.44 121 P     00 06.30  -0.2
PUZ      1.70 135 P     00 08.20   0.0
                  S     00 39.00
PAHZ     1.99 173 P     00 10.70   0.3
WHH      2.01 185 eP    00 10.70   0.1
NOZ      2.02 150 P     00 11.00   0.5
MOH      2.28 172 P     00 13.00   0.4
WAHZ     2.83 186 P     00 17.50  -0.1
TEHZ     3.11 179 eP    00 20.50   0.4
BSZ      3.25 205 eP    00 22.20   0.7
MNG      3.86 194 P     00 27.40  -0.5
                  S     01 14.10
KIW      4.23 199 P     00 31.50  -0.3
MTW      4.38 192 P     00 33.10  -0.4
AMW      4.49 189 eP    00 34.80   0.1
DIW      4.50 208 eP    00 34.60  -0.2
MRW      4.63 199 eP    00 35.70  -0.5
                  S     01 30.10
MOW      4.68 194 eP    00 36.60  -0.3
TCW      4.74 203 P     00 37.10  -0.3
QRZ      5.14 219 eP    00 42.30   0.3
KHZ      6.06 203 P     00 53.30   0.5
LTZ      6.83 209 eP    01 02.10   0.1
     S.D. = 0.4   on  21 of  21 obs.
-----------------------------------
   FEB  17, 1992  02h 50m 31.72± 0.77s
   38.330 N ± 6.9km   22.284 E ± 7.2km
   DEPTH =  10.0km  (geophysicist)
 GREECE                               (364)
        MD 3.2 (ATH).

AGG      0.69   3 ePg   50 44.29  -1.1
                  eSg   50 54.29
ATH      1.18 107 ePn   50 55.20   1.4
VLS      1.34 264 ePb   50 54.10  -2.4
VLI      1.69 162 ePn   51 01.00  -0.4
LIT      1.78   5 ePb   51 02.21  -0.5
                  eSb   51 24.16
IGT      1.94 309 ePb   51 07.45   2.4
                  eSb   51 35.01
KZN      2.01 349 ePn   51 06.50   0.3
KEK      2.38 306 ePb   51 12.20   0.8
OUR      2.40  33 ePn   51 11.17  -0.4
FNA      2.55 344 ePn   51 13.98   0.2
                  eSn   51 45.21
SOH      2.62  18 ePn   51 14.70  -0.2
                  eSn   51 45.33
KNT      2.87   9 ePn   51 17.94  -0.4
                  eSn   51 52.98
SRS      2.96  20 ePn   51 19.05  -0.6
VAY      3.00   4 iPn   51 19.30  -0.8
OHR      3.01 338 ePn   51 21.80   1.5
SKO      3.70 350 ePn   51 40.00   9.9X
     S.D. = 1.3   on  15 of  16 obs.
-----------------------------------
*  FEB  17, 1992  03h 53m 42.64± 1.46s
   39.108 N ±12.9km   20.464 E ± 6.8km
   DEPTH =  10.0km  (geophysicist)
 GREECE-ALBANIA BORDER REGION         (392)
        MD 3.4 (ATH).

IGT      0.44 347 ePg   53 50.37  -1.2
                  eSg   53 56.12
KEK      0.79 320 ePb   53 59.20   1.1
AGG      1.46  93 ePb   54 08.90  -0.1
                  eSb   54 29.86
KZN      1.57  40 ePb   54 09.60  -1.0
```

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FNA      1.82  22 ePb   54 15.21   1.0
                  eSb   54 39.58
LIT      1.85  57 ePb   54 14.66  -0.1
                  eSb   54 39.86
OHR      2.02   7 iPn   54 18.60   1.5
LCI      2.29 303 P     54 20.30  -0.7
THE      2.45  51 ePn   54 24.37   1.1
VAY      2.74  35 iPn   54 27.50   0.1
KNT      2.77  42 ePn   54 27.98   0.1
                  eSn   55 01.50
SOH      2.80  51 ePn   54 28.70   0.3
SKO      2.96  14 ePn   54 29.50  -1.0
                  i     54 32.60
                  i     54 42.00
                  iSn   55 06.50
                  i     55 10.20
OUR      2.98  65 ePn   54 30.74   0.0
VLI      3.08 140 ePn   54 38.40   6.1X
SRS      3.13  49 ePn   54 31.86  -1.0
TDS      3.24 281 P     54 40.00   5.4X
SDI      5.70 299 P     55 11.90   2.4X
MLR      7.56  31 eP    55 38.50   2.9X
     S.D. = 0.9  on  15 of  19 obs.
-----------------------------------
   FEB  17, 1992  04h 37m 31.42± 0.31s
   55.979 S ± 5.4km  158.123 E ± 6.4km
   DEPTH =  33.0km  (normal)
   5.5mb ( 12 obs.)  5.5Msz (  2 obs.)
 MACQUARIE ISLANDS REGION          (167)
      CENTROID, MOMENT TENSOR      (HRV)
      Data Used: GDSN
      L.P.B.: 31S, 74C
      Centroid Location:
      Origin Time        04:37:40.1 0.3
      Lat 56.06S 0.03 Lon 157.84E 0.05
      Dep  15.0 Fix Half-duration  3.7
      Moment Tensor;   Scale 10**18 Nm
        Mrr=-0.16 0.03  Mtt= 1.09 0.05
        Mff=-0.93 0.04  Mrt= 0.61 0.12
        Mrf=-0.85 0.11  Mtf= 1.33 0.04
       Principal Axes:
        T  Val=  1.77  Plg= 6  Azm=335
        N        0.36      62       77
        P       -2.13      28      242
      Best Double Couple:Mo=2.0*10**18
       NP1:Strike= 22 Dip=66 Slip=-164
       NP2:        286      75      -25
MCQ      1.56  18 ePc   37 55.80  -1.3
SIZ     11.04  39 P     40 07.50  -2.4
                  eS    42 11.10
BCZ     11.70  35 eP    40 16.30  -2.6
TUZ     12.36  41 eP    40 25.00  -2.8
MSZ     12.92  33 eP    40 36.30   1.2
ODZ     13.51  41 eP    40 41.10  -1.9
BWZ     13.68  38 eP    40 42.60  -2.6
DRV     13.73 211 iP    40 44.50  -1.2
MOZ     15.41  43 eP    41 07.10  -0.6
LTZ     16.06  41 eP    41 16.00  -0.2
DSZ     16.80  38 eP    41 25.10  -0.5
KHZ     16.85  43 P     41 26.70   0.6
THZ     17.17  40 eP    41 32.70   2.4
QRZ     17.87  38 P     41 41.10   2.3
TCW     18.16  42 eP    41 45.20   2.8X
WEL     18.29  43 P     41 54.50  10.5X
                  e     42 25.00
TOO     20.28 330 iPc   42 07.40   0.6
        0.8s   344.00nm          5.8mb
                  eTT   02 05.00
RUZ     20.38  41 eP    42 10.10   2.4
BFD     21.55 324 iPc   42 21.20   1.5
        1.0s   275.00nm          5.6mb
CAN     21.59 339 iPc   42 21.20   1.1
                  eTT   01 36.60
URZ     21.81  44 eP    42 23.80   1.6
BWA     22.57 339 iPc   42 30.20   0.3
                  eTT   02 15.20
RIV     22.67 345 iPd   42 33.70   2.9X
WCZ     22.89  36 eP    42 36.20   3.3X
CSY     24.53 226 eP    42 48.90   0.3
        0.7s    81.40nm          5.4mb
                  i     42 51.80
ADE     24.87 320 iPc+  42 53.60   1.4
ARMA    25.96 347 eP    43 04.00   1.5
        1.0s    44.00nm          5.0mb
RMQ     30.24 343 eP    43 42.00   0.9
QLP     31.05 335 iPc   43 48.90   0.7
        0.6s    88.00nm          5.7mb
SPA     34.20 180 iPd   44 14.80  -0.8
        1.8s   307.41nm          5.9mb
COOL    36.05 299 eP    44 30.50  -1.0
KLB     37.19 294 eP    44 40.00  -1.0
WARB    37.47 310 eP    44 42.00  -1.4
QIS     37.99 331 ePc   44 47.50  -0.3
MRWA    40.00 294 eP    45 04.50   0.0
MBL     44.88 305 eP    45 43.50  -0.8
PMG     47.25 345 eP    46 04.00   0.9
        1.0s   100.00nm          5.8mb
MTN     47.84 323 eP    46 06.50  -1.2
AIA     54.87 160 eP    47 00.40   0.2
CRZF    60.76 230 iPd   47 42.00   0.1
                  ePP   49 58.00
                  ePPP  51 25.00
                  eS    55 14.00
                  iSP   56 26.00
                  iSS   00 12.00
                  iSSS  02 41.00
DAV     68.35 325 eP+   48 32.00   0.5
KKM     70.76 315 ePd   48 49.50   3.2X
SNG     78.64 301 eP    49 31.00  -0.4
LNV     80.99 140 eP    49 45.00   1.2
CACH    81.13 141 eP    49 44.50  -0.3
CHCH    81.28 141 eP    49 50.00   4.6X
RFA     81.28 143 eP    49 47.40   1.9
TACH    81.43 140 eP    49 51.00   4.8X
PCH     81.61 141 eP    49 46.50  -0.7
SAN     81.71 141 eP    49 52.00   4.3X
PEL     81.98 140 eP    49 48.50  -0.6
        1.1s    54.43nm          5.5mb
MDZ     82.87 142 e(P)  49 54.90   1.2
RTCB    84.15 141 iPc   50 02.00   1.7
CFA     84.24 142 ePc   50 02.00   1.3
HVD     84.79 220 eP    50 00.80  -2.8
FRS     85.63 220 eP    50 01.00  -6.6X
        0.8s    14.93nm          5.3mb
KHT     86.22 303 eP    50 10.00  -0.6
NST     86.27 305 eP    50 22.50  11.7X
HKC     86.41 320 eP    50 18.00   6.7X
KIM     86.73 220 eP    50 12.00  -1.3
        1.0s    20.00nm          5.3mb
POF     87.81 216 eP    50 20.00   1.8
        1.0s    16.00nm          5.3mb
CYA     87.98 142 eP    50 18.50  -0.6
SSE     92.27 329 P     50 38.00  -0.7
        5.0s     0.60nm          3.3mb X
                  i     50 55.60
                  i     51 00.00
BUL     93.03 227 iPd   50 42.00  -0.9
LZH    102.66 318 ePdiff51 31.00   4.9X
        1.5s    28.00nm          5.7mb
                  pP    51 37.50
QUE    115.07 287 ePKP  56 16.80   6.3X
BCAO   119.35 228 ePKPc 56 25.00   6.1X
        0.7s     6.00nm
                  ic    56 34.20
MAIO   123.75 286 ePKP  56 28.00   1.2
HPI    124.11  61 (PKP) 56 27.84   0.3
                  e     56 37.56
MEO    125.17  79 iPKPd 56 37.90   8.4X
GLD    125.24  70 PKP   56 30.00   0.3
      Z  20s     1.80um          5.7Msz
TUL    127.54  80 e(PKP)56 34.90   0.9
LIC    128.60 202 PKP   56 34.98  -1.6
KIC    128.67 202 PKP   56 35.34  -1.4
RSSD   128.98  67 ePKP  56 36.50  -0.3
        1.1s    34.16nm
TIC    129.01 202 PKP   56 34.54  -2.9
SES    129.85  56 ePKP  56 39.00   1.0
BHD    129.88 272 ePKP  56 48.50  10.0X
                  eSKP  04 17.00
                  ePKS  04 33.00
PWLA   131.18  86 ePKP  56 41.08   0.2
                  e     56 49.77
MSL    132.84 274 ePKP  56 53.00   9.0X
                  ePKS  04 28.00
GBTN   133.84  89 ePKP  56 51.55   5.6X
FFC    136.87  57 ePKP  56 52.00   0.9
        1.3s    25.00nm
KAS    141.57 272 ePKP  57 07.00   6.8X
MBC    141.77  23 ePKP  56 55.00  -4.4X
BNH    147.15  89 ePKP  57 12.98   3.5X
OBN    147.75 293 ePKPd 57 14.20   4.2X
        1.0s   123.00nm
      Z  22s     0.60um          5.3Msz
                  e     24 24.00
                  ePP   24 36.00
                  e     25 02.00
                  eS    28 06.00
VAY    147.81 262 iPKP  57 12.40   1.9
ISR    148.03 271 ePKP  57 20.00   9.1X
                  e     01 23.00
VRI    148.37 272 ePKP  57 15.50   4.2X
                  e     01 23.50
MLR    148.58 271 iPKPc 57 16.00   4.1X
CVO    148.65 272 ePKP  57 16.00   4.2X
OHR    148.65 260 ePKP  57 02.80  -9.2X
SKO    148.87 262 iPKP  57 15.40   3.1X
                  i     57 20.70
                  i     57 24.60
CMP    148.95 270 ePKPc 57 18.00   5.7X
TNR    149.61 270 ePKPc 57 23.00   9.7X
TIO    152.92 208 iPKP  57 30.50  11.7X
                  i     57 40.00
UZD    153.36 267 e(PKP)57 30.00  11.3X
PSZ    153.38 270 e(PKP)57 31.00  12.2X
BUD    153.63 269 e(PKP)57 31.00  12.0X
SPC    153.86 273 ePKP  57 29.80  10.2X
SRO    154.21 269 e(PKP)57 34.00  14.2X
                  e     57 38.20
                  i     57 50.70
KRA    154.47 274 ePKP  57 31.30  11.2X
IFR    154.72 214 ePKP  57 40.00  18.8X
ZST    155.10 268 e(PKP)57 34.00  13.0X
                  e     57 38.20
                  i     57 50.70
AVE    155.20 210 iPKP  57 39.50  17.9X
KBA    156.58 263 ePKP  57 25.00   1.7
        1.1s    22.10nm
                  i     58 08.00
KSP    156.89 273 ePKP  57 29.00   5.7X
                  e     57 50.80
GEC2   157.36 267 PKP   57 27.60   3.5X
        1.1s     1.52nm
KHC    157.57 267 ePKP  57 42.00  17.7X
        1.2s     8.50nm
                  e     57 56.00
                  e     58 06.50
                  i     58 13.00
BRG    158.22 272 ePKP  57 40.30  15.4X
                  e     58 10.00
CLL    158.95 272 ePKP  57 37.00  11.3X
                  e     58 09.00
     S.D. = 1.4  on  66 of 111 obs.
-----------------------------------
   FEB  17, 1992  04h 42m 08.45± 0.17s
   21.647 S ± 3.1km  170.412 E ± 4.6km
   DEPTH = 137.2km  (  5 depth phases)
   5.6mb ( 39 obs.)
 LOYALTY ISLANDS REGION            (189)
      Mo=4.0*10**18 Nm (PPT). Felt on
      More.
      CENTROID, MOMENT TENSOR      (HRV)
      Data Used: GDSN
      L.P.B.: 27S, 61C
      Centroid Location:
      Origin Time        04:42:10.5 0.7
      Lat 21.89S 0.07 Lon 170.25E 0.05
      Dep 148.2 1.4 Half-duration  4.6
      Moment Tensor;   Scale 10**18 Nm
        Mrr=-0.41 0.05  Mtt=-0.06 0.07
        Mff= 0.47 0.07  Mrt= 0.85 0.05
        Mrf=-0.13 0.05  Mtf= 1.95 0.08
       Principal Axes:
        T  Val=  2.26  Plg=10  Azm=313
        N       -0.17      64       64
        P       -2.09      24      218
      Best Double Couple:Mo=2.2*10**18
       NP1:Strike=358 Dip=66 Slip=-170
       NP2:        264      81      -25
DZM      3.71 263 iPc   43 07.40   2.0
                  iS    43 51.90
PVC      4.36 333 iPc   43 15.00   1.0
                  iS    44 07.00
WCZ     14.65 167 P     45 32.60   2.5
KUZ     15.74 164 P     45 45.20   1.5
HNR     15.77 319 eP    45 45.00   0.7
WLZ     16.75 166 eP    45 57.00   0.8
BRS     17.03 247 iPd   46 02.00   2.2
        0.8s    74.00nm          5.0mb
                  i     46 21.00
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17d 04h

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                 i     46 37.00
                 i     47 19.00
                 iS    49 00.00
MOZ    17.22 168 eP    46 02.40   0.4
                 e     46 16.40
HBZ    17.30 158 eP    46 03.00   0.1
TAZ    17.35 164 P     46 05.80   2.3
PATZ   17.42 164 eP    46 06.20   1.7
URZ    17.53 162 P     46 06.00   0.3
PUZ    17.71 159 P     46 07.50  -0.4
PAHZ   18.08 163 eP    46 12.90   0.7
NOZ    18.14 160 eP    46 11.90  -0.9
MOH    18.36 163 eP    46 14.70  -0.5
TTH    18.66 164 P     46 19.00   0.6
WAHZ   18.70 166 P     46 18.40  -0.4
ARMA   18.99 239 iPc   46 23.50   1.4
       0.5s   163.00nm          5.6mb
                 eTT   07 14.00
TEHZ   19.08 165 P     46 22.00  -0.8
ORZ    19.21 175 P     46 24.80   0.7
DIW    19.33 172 eP    46 26.00   0.6
MNG    19.40 168 P     46 24.90  -1.2
                 eS    49 55.60
KIW    19.53 170 P     46 26.80  -0.7
                 e     46 50.80 144km
PGZ    19.56 167 P     46 26.30  -1.4
TCW    19.78 171 P     46 29.80  -0.2
CAW    19.80 170 P     46 29.30  -0.9
MRW    19.86 170 P     46 30.30  -0.5
WEL    19.92 170 P     46 31.00  -0.5
                 S     50 11.00
MTW    19.92 169 P     46 29.90  -1.6
WDW    19.94 170 P     46 30.30  -1.4
                 e     46 52.60 124kmX
DSZ    20.07 177 P     46 33.30   0.2
AMW    20.12 168 P     46 31.80  -1.6
BLW    20.12 169 P     46 32.00  -1.5
MOW    20.13 169 P     46 32.40  -1.3
THZ    20.17 175 P     46 34.20   0.1
RMO    20.35 252 iPc   46 38.10   2.2
       0.9s   341.00nm          5.8mb
                 i     46 50.60  55kmX
KHZ    20.88 173 P     46 40.10  -1.0
RIV    20.88 230 iPd   46 44.00   2.8X
                 i     50 36.00
LTZ    21.13 176 eP    46 44.30   0.6
EWZ    21.81 179 P     46 51.50   1.2
MQZ    22.08 176 P     46 54.10   1.2
BWZ    22.83 181 eP    47 00.10   0.0
BWA    23.15 232 iPd   47 03.50   0.0
CAN    23.17 229 iPd   47 05.10   1.4
ODZ    23.34 180 P     47 04.90  -0.2
TUZ    24.26 181 P     47 14.20   0.3
QLP    24.37 253 iPc   47 15.80   0.6
SIZ    25.24 184 P     47 22.70  -0.3
PMG    25.45 295 ePc   47 25.00  -0.4
TOO    26.74 228 iP+   47 37.80   0.8
       0.7s   190.00nm          5.8mb
                 i     48 16.30 191kmX
LAT    27.09 300 eP    47 41.00   0.7
STK    27.60 242 iPc   48 07.90  23.1X
       0.9s    73.00nm
                 e     48 43.50 174kmX
                 i     51 21.70
BFD    28.65 231 eP    47 55.00   0.8
       0.9s   195.00nm          5.8mb
                 e     49 09.00 411kmX
QIS    28.74 266 iPd   47 54.50  -0.7
       1.2s    78.00nm          5.3mb
MTN    38.43 277 eP    49 17.70  -0.8
       0.5s   175.00nm          6.1mb
FORR   38.85 247 eP    49 21.00  -0.8
       0.3s   124.00nm          6.1mb
WARB   40.13 255 eP    49 31.50  -0.9
       0.5s    76.00nm          5.7mb
GUA    43.00 322 eP    49 56.30   0.4
       0.4s   128.81nm          6.0mb
GUMO   43.07 322 eP    49 55.80  -0.6
       0.8s   382.50nm          6.1mb
    Z  26s      2.27um          5.0MszX
                 e     51 41.00 599kmX
                 eS    56 11.50
PJG    43.07 322 eP    49 56.10  -0.3
                 e     50 04.80  29kmX
COOL   44.83 248 eP    50 09.00  -1.6
       0.5s    42.00nm          5.4mb
MBL    46.92 261 eP    50 26.10  -1.1
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       0.5s   102.00nm          5.8mb
KLB    47.72 246 eP    50 31.00  -2.3
       0.4s    84.00nm          5.8mb
NWAO   48.14 245 iPc   50 35.30  -1.2
       0.6s    74.00nm          5.6mb
RKG    48.33 242 eP    50 36.00  -1.9
BAL    48.66 248 eP    50 38.50  -2.0
       0.4s    61.00nm          5.7mb
MUN    49.03 246 eP    50 42.00  -1.3
MRWA   49.36 250 eP    50 44.00  -1.9
       0.6s    55.00nm          5.5mb
NANU   50.61 258 eP    50 55.00  -0.5
PCI    53.38 286 ePc   51 17.70   1.5
       1.2s    15.30nm          4.8mb
                 e     55 19.50
KKM    59.81 291 ePc   52 02.00   0.1
       0.8s    72.90nm          5.7mb
CHJJ   64.63 332 eP    52 32.20  -1.1
TKSJ   65.26 327 eP    52 35.70  -1.7
MAT    65.38 332 iPc   52 36.50  -1.7
       0.8s    38.06nm          5.4mb
                 eS    01 07.00
NIIJ   65.63 333 eP    52 39.90   0.2
HOOJ   68.46 339 eP    52 56.80  -0.6
SPA    68.49 180 iPd   52 56.90  -0.7
       1.0s   121.50nm          5.7mb
KGM    69.57 281 ePd   53 04.40  -0.4
       0.8s   133.40nm          5.8mb
ASAJ   70.22 339 P     53 08.00  -0.2
SSE    70.57 316 P+    53 08.00  -2.5
       0.7s    17.00nm          5.0mb
    Z  22s      2.30um          5.4Msz
    N  18s      1.30um
                 pP    53 40.00 129km
                 sP    53 54.00
                 S     01 16.00
                 sS    02 16.00
                 PS    02 40.00
                 i     03 03.00
IPM    72.70 282 ePd   53 23.00  -0.6
       0.9s   120.90nm          5.7mb
                 e     54 05.20 175kmX
MAW    76.63 202 e(P)  53 43.00  -2.1
NNT    77.23 289 iPd   53 51.30   2.0
NST    78.23 292 eP    54 01.50   6.7X
KHT    79.18 291 iPc   54 01.30   1.4
BJI    79.49 321 eP    54 01.00  -0.1
       1.0s    13.00nm          4.6mb
    Z  22s      1.80um          5.4Msz
                 esP   54 38.00
                 ePP   57 04.00
                 eS    03 51.00
                 esS   04 36.00
                 eSS   09 02.00
KMI    80.47 302 Pd    54 08.00   1.0
       1.5s   240.00nm          5.7mb
    Z  28s      3.10um          5.5MszX
                 S     02 00.00
SDN    80.59  16 P     54 04.80  -1.8
AIA    83.90 160 eP    54 23.40  -0.3
LZH    85.15 312 Pc    54 31.20   0.6
       1.5s   113.00nm          5.5mb
    Z  32s      3.94um          5.6MszX
    N  18s      1.21um
                 pP    55 07.50 143km
                 sP    55 16.00
                 PP    57 51.00
                 SKS   04 42.00
                 S     04 51.50
                 sS    05 47.00
                 SS    10 32.00
PDB    86.15  17 P     54 32.80  -2.0
BCH    86.76  50 P     54 40.10   1.6
SVW    86.90  16 P     54 38.10  -0.4
       1.0s    16.10nm          4.9mb
ABL    87.22  51 P     54 41.60   0.8
SLKM   87.87  18 P     54 41.10  -2.0
CMB    87.95  48 P     54 43.60  -0.4
       1.1s    12.95nm          4.9mb
ORV    87.95  46 P     54 43.30  -0.6
ISA    88.15  50 eP    54 44.00  -1.0
SBB    88.16  52 eP    54 43.00  -2.1
RVR    88.16  52 eP    54 47.00   1.9
PLM    88.25  53 eP    54 47.00   1.3
PEC    88.28  53 P     54 46.30   0.6
       0.8s     4.77nm          4.6mb X
TTA    88.37  15 P     54 45.30  -0.2
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       0.9s     7.78nm          4.7mb
TPC    89.19  53 eP    54 51.00   1.0
BONR   89.35  48 P     54 50.30  -0.7
SHL    89.44 298 iPc   54 51.00  -0.5
                 eS    05 06.00
YAK    89.47 342 iPd   54 50.10  -0.5
       1.1s    90.00nm          5.7mb
    Z  16s      0.70um          5.2MszX
    E  20s      0.50um
                 i     55 31.00 162kmX
                 iPcP  55 45.00
                 ePP   58 30.00
                 iS    05 03.00
                 iScS  05 29.00
                 ePS   05 33.00
                 iSS   09 40.00
                 eSSS  11 22.00
TNP    90.17  49 P     54 54.30  -0.3
       0.9s     9.77nm          4.9mb
BALM   90.74  21 P     54 54.60  -2.1
SHW    90.86  40 P     54 59.30   1.8
GMW    91.23  39 P     54 58.40  -0.7
LON    91.39  40 P     54 59.20  -0.7
IMA    91.57  14 P     54 59.40  -1.0
       1.5s    13.10nm          4.9mb
RMW    91.76  39 P     55 01.30  -0.3
MCW    91.79  38 P     55 02.70   1.1
FBA    92.05  17 P     54 59.70  -2.8
       1.1s    33.40nm          5.4mb
IRK    93.31 326 eP    55 10.50   2.0
    Z  18s      0.53um          5.0Msz
                 e     55 46.10 138km
                 e     56 27.70
                 e     56 48.20
                 eSKS  05 26.00
                 eS    06 02.00
                 ePS   07 22.00
                 ePPS  08 26.00
                 LR    31 13.00
MSU    93.92  50 P     55 13.90   2.0
PNT    93.94  38 eP    55 12.00   0.5
HVU    94.86  47 P     55 16.30   0.2
GUN    95.30 298 PKP   55 18.40  -0.3
       1.0s    24.00nm          5.5mb
SRU    95.34  50 P     55 20.30   1.9
PKI    95.56 297 PKP   55 19.60  -0.3
       0.9s    26.00nm          5.6mb
KKN    95.75 297 PKP   55 20.40  -0.1
       0.8s    21.00nm          5.6mb
DMN    95.83 297 PKP   55 21.00   0.0
       0.8s    27.00nm          5.7mb
GKN    96.36 297 PKP   55 22.60  -0.6
       1.0s    34.00nm          5.8mb
ALQ    96.76  55 eP    55 26.00   1.1
    Z  18s      1.37um          5.5Msz
                 e     56 00.00 131km
BW06   97.45  47 P     55 27.50  -0.4
HYB    97.93 286 eP    55 22.00  -8.3X
PPD   120.50 134 (PKP) 00 44.00  -1.8
BUL   124.15 225 iPKPd 00 51.60  -1.5
                 i     01 30.10
                 i     02 37.60
DAG   124.64   3 ePKP  00 49.00  -3.2X
KAF   132.69 338 ePKP  01 06.90  -1.0
       0.5s     7.40nm
NUR   134.37 337 iPKP  01 09.70  -1.5
       0.7s     8.00nm
NB2   138.04 345 PKP   01 08.50  -9.7X
       0.6s     1.00nm
HFS   138.18 343 ePdiff58 18.60  -9.7X
       0.5s     0.90nm
CVO   142.19 318 ePKP  01 23.00  -3.1X
MLR   142.49 318 ePKPc 01 26.00  -0.8
TNR   143.44 319 ePKPc 01 25.00  -3.2X
SPC   143.73 327 iPKP  01 27.30  -1.5
DEV   144.15 320 ePKPc 01 28.00  -1.4
KSP   144.52 332 iPKPc 01 28.30  -1.6
       1.0s   160.00nm
                 e     02 06.70
                 i     04 54.00
BRG   145.50 333 iPKPc 01 30.80  -0.7
       1.0s   176.00nm
                 e     02 11.00
CLL   145.55 335 iPKP  01 30.70  -0.9
       1.0s   160.00nm
                 i     02 11.20
                 i     02 20.80
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SRO   145.60 326 iPKP  01 30.60  -1.2
                 i     02 08.90
PRU   145.91 332 PKP   01 32.40   0.2
       0.9s     51.00nm
     Z  22s      1.60um          5.8Msz
                 e     02 09.20
ZST   145.96 328 iPKP  01 30.60  -1.8
                 i     02 08.90
EKA   146.02 353 PKPc  01 31.30  -0.9
       0.6s     21.30nm
UZD   146.22 324 ePKP  01 33.20   0.4
VKA   146.31 328 ePKP  01 33.00   0.0
       3.0s    560.00nm
                 i     01 34.70
                 i     01 43.30
NPS   146.40 302 ePKP  01 34.20   0.7
VAY   146.56 313 iPKP  01 33.40  -0.1
NKC   146.61 334 PKPc  01 34.60   1.3
                 e     02 25.20
MOX   146.62 335 iPKP  01 34.20   0.8
       1.4s     55.00nm
     Z  24s      1.10um          5.6MszX
     N  22s      1.10um
                 i     02 13.00
                 i     02 25.00
HOF   146.78 335 ePKP  01 34.40   0.7
       0.8s     23.00nm
KHC   146.97 332 iPKPc 01 35.70   1.7
       1.1s     58.50nm
                 e     01 47.40
                 e     02 12.00
                 e     02 25.90
SKO   147.02 315 iPKP  01 36.00   1.7
       0.8s    254.00nm
                 i     01 38.20
                 i     02 16.40
                 i     02 24.50
ATH   147.06 307 ePKP  01 35.30   0.9
GEC2  147.12 331 PKP   01 32.40  -2.0
WET   147.26 332 ePKP  01 36.30   1.8
       0.8s     51.00nm
KMR   147.50 330 iPKP- 01 35.40   0.5
GRF   147.53 335 iPKPc 01 37.20   2.3
KZN   147.55 312 ePKP  01 36.30   1.0
IVA   147.56 318 iPKPc 01 37.00   1.8
PLE   147.63 319 iPKPc 01 38.28   2.9X
PVY   147.66 317 iPKPc 01 37.21   1.8
DMU   147.74 357 ePKP  01 35.20   0.2
BCAO  147.80 242 iPKPc 01 36.10  -0.3
       0.9s    252.00nm
                 ic    01 40.00
                 id    02 32.50
OHR   147.85 314 iPKP  01 37.70   2.0
       0.8s    174.00nm
                 i     02 12.30
BNS   147.93 340 iPKPd 01 38.50   3.1X
VLI   148.06 305 ePKP  01 38.00   1.9
PTJ   148.07 325 ePKP  01 36.40   0.5
ZAG   148.11 325 iPKP  01 38.50   2.6X
TNS   148.14 338 iPKPc 01 38.20   2.3
                 e     02 15.10
NKY   148.15 318 iPKPd 01 38.32   2.1
TTG   148.19 317 iPKPc 01 38.37   2.3
DCN   148.31 357 ePKP  01 37.00   1.1
DLF   148.32 357 ePKP  01 36.80   0.9
BHG   148.32 331 iPKPd 01 39.10   2.9X
       0.9s     46.00nm
BRY   148.39 319 iPKPc 01 39.05   2.4
ULC   148.44 317 iPKPc 01 39.58   3.0X
ENN   148.49 341 iPKPd 01 39.20   2.9X
       0.9s     45.00nm
                 e     02 12.00
                 e     02 34.00
BDV   148.54 317 iPKPc 01 39.73   3.0X
KBA   148.57 329 iPKPc 01 38.80   1.9
       0.8s     36.30nm
                 i     01 43.30
                 i     02 17.60
                 i     03 12.40
MEM   148.61 341 iPKPd 01 39.72   3.2X
                 i     02 17.46
HCY   148.66 318 iPKPd 01 39.92   3.0X
FUR   148.70 333 iPKPd 01 40.30   3.5X
VBY   148.70 325 iPKPc 01 40.30   3.5X
                 e     02 18.00
LJU   148.71 327 ePKPc 01 40.00   3.1X
                 e     02 20.50
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ETA   148.90 356 ePKP  01 39.50   2.6X
UCC   148.92 343 PKP   01 41.00   4.0X
CEY   148.97 326 iPKPc 01 40.50   3.2X
                 e     02 20 50
VOY   149.04 327 iPKPc 01 40.40   2.9X
SNF   149.20 343 PKP   01 40.70   3.3X
                 i     02 19.49
ECB   149.26 357 ePKP  01 40.30   2.8X
TRI   149.33 327 iPKPd 01 41.30   3.5X
WLF   149.39 340 iPKPc 01 42.09   4.4X
ECP   149.42 356 ePKP  01 40.60   2.9X
       1.3s    546.00nm
SOTA  149.45 332 iPKPc 01 41.30   3.2X
       0.8s    110.00nm
DOU   149.48 342 PKPd  01 41.70   3.8X
                 e     02 19.40
HVAR  149.49 321 ePKP  01 40.90   2.8X
OGA   149.80 331 iPKPd 01 43.50   4.7X
       0.6s     70.00nm
VVI   149.80 329 PKP   01 42.30   3.8X
CDF   150.07 337 PKP   01 42.97   4.0X
CTI   150.12 330 PKP   01 43.10   4.0X
SLE   150.15 335 ePKPc 01 42.80   3.8X
FEL   150.25 336 PKP   01 44.00   4.7X
ECH   150.28 337 PKP   01 43.15   4.0X
OSS   150.33 332 ePKPc 01 43.90   4.4X
ZLA   150.42 335 ePKPc 01 44.20   4.7X
MOF   150.60 337 PKP   01 44.11   4.3X
LLS   150.67 333 ePKPc 01 44.40   4.3X
VITF  150.69 338 PKP   01 44.38   4.6X
BSF   150.74 337 iPKPc 01 44.60   4.6X
       0.7s     66.15nm
HAU   150.75 338 iPKPc 01 44.70   4.8X
       0.7s     60.30nm
     Z  21s      1.45um          5.8Msz
VDL   150.77 332 ePKPc 01 44.90   4.7X
BBS   150.78 336 PKP   01 44.40   4.4X
SAL   150.98 330 PKP   01 45.20   5.0X
LOMF  151.13 337 PKP   01 45.53   5.0X
MDI   151.22 331 PKP   01 43.90   3.3X
ARV   151.27 325 PKP   01 46.40   5.6X
TMA   151.33 333 ePKPc 01 45.60   4.6X
SFI   151.55 326 PKP   01 46.10   4.9X
VAI   151.56 332 PKP   01 40.70  -0.4
PGD   151.65 326 PKP   01 48.00   6.4X
CRE   151.71 326 PKP   01 46.50   4.9X
MMK   151.75 334 ePKPc 01 47.60   5.8X
AQU   151.76 322 PKP   01 48.20   6.6X
SDI   151.93 321 PKP   01 46.70   4.8X
DIX   151.96 334 ePKPc 01 48.10   6.0X
FIR   151.96 327 ePKP  01 48.00   6.2X
FLN   151.98 347 ePKP  01 47.00   5.3X
       0.7s     41.90nm
     Z  21s      3.50um          6.1Msz
LDF   152.07 347 ePKP  01 47.10   5.3X
       0.8s     24.20nm
BDI   152.09 328 PKP   01 47.00   4.9X
ORO   152.09 333 PKP   01 47.30   5.2X
BOB   152.11 330 PKP   01 47.80   5.7X
EMS   152.16 335 ePKPc 01 48.40   6.1X
LOR   152.22 340 iPKPc 01 47.80   5.7X
       0.7s     25.35nm
     Z  21s      3.00um          6.1Msz
PII   152.37 327 PKP   01 47.20   4.9X
GRR   152.42 347 iPKPc 01 48.20   5.9X
       0.7s     24.25nm
LBF   152.44 340 ePKP  01 48.30   5.9X
       0.9s     18.00nm
SSF   152.52 340 iPKPc 01 48.60   6.1X
       1.1s     46.40nm
LPL   152.69 334 iPKPc 01 49.50   6.4X
       0.8s     21.20nm
SMF   152.78 340 iPKPc 01 49.00   6.1X
       1.1s     18.30nm
LPF   152.79 347 iPKPc 01 49.10   6.3X
       0.7s     26.45nm
AVF   152.81 340 ePKP  01 48.90   6.0X
       1.1s     14.65nm
BNI   153.09 334 PKP   01 49.40   5.9X
BGF   153.17 341 iPKPc 01 49.80   6.4X
       0.5s     13.10nm
MAF   153.56 341 ePKP  01 50.80   6.8X
TCF   153.61 341 ePKP  01 50.70   6.6X
       0.9s      9.85nm
LSF   153.84 342 ePKP  01 51.00   6.6X
       0.8s     10.75nm
MFF   153.95 345 ePKP  01 51.50   7.0X
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LPO   155.36 341 iPKPc 01 49.60   3.2X
       0.7s     21.25nm
LIC   164.05 197 PKPc  01 56.84  -0.1
KIC   164.10 198 PKPc  01 56.92  -0.1
TIC   164.45 197 PKPc  01 57.24  -0.1
      S.D. = 1.3  on 173 of 257 obs.
-----------------------------------
    FEB  17, 1992  06h 44m 51.45± 0.34s
     2.122 S ± 6.4km  128.381 E ± 8.8km
    DEPTH =  29.9km  (  3 depth phases)
    5.2mb ( 14 obs.)
  CERAM SEA                        (270)

DAV     9.57 343 eP-   47 08.00  -2.3
MTN    11.00 166 eP    47 28.00  -1.9
       0.4s    108.00nm          6.4mb X
KKM    14.61 304 eP    48 19.00   0.9
PMG    20.02 112 eP    49 27.00   2.1
       1.4s    134.88nm          5.1mb
MBL    20.68 203 eP    49 28.50  -3.2X
QIS    21.35 150 iPc   49 36.00  -2.6
       0.4s     50.00nm          5.3mb
                 i     49 54.00  B3kmX
                 e     53 23.00
GUA    22.60  46 e(P)  49 51.00  -0.1
       1.0s    200.00nm          5.5mb
GUMO   22.60  46 e(P)  49 55.30   4.2X
       1.0s    291.50nm          5.7mb
     Z  25s      0.75um          4.0MszX
WARB   23.98 184 eP    50 04.00  -0.5
KGM    25.39 279 eP    50 20.00   1.9
IPM    28.13 284 eP    50 47.00   3.8X
FORR   28.57 181 eP    50 45.30  -1.7
QLP    28.69 149 iPd   50 47.40  -0.7
RMQ    31.14 143 eP    51 09.00  -0.9
KHT    33.94 301 eP    51 41.50   7.0X
BDT    34.78 305 eP    51 42.50   0.8
CHTO   35.65 307 ePc   51 49.90   0.8
                 pP    51 59.30  32km
ARMA   35.74 144 iPd   51 51.30   1.5
       0.6s     14.00nm          5.1mb
BWA    37.18 152 eP    52 03.40   1.6
                 e     53 32.20 471kmX
BFD    37.24 161 iPd   52 03.00   0.7
       0.5s     14.00nm          5.1mb
CAN    38.18 152 eP    52 10.70   0.4
                 e     53 50.20 574kmX
TOO    38.63 158 iPd   52 15.00   1.1
       1.0s     49.00nm          5.2mb
MTMJ   39.50  12 eP    52 20.40  -0.9
MAT    39.54  12 eP    52 20.00  -1.5
       1.0s     23.00nm          4.9mb
OFUJ   42.79  15 P     52 49.10   1.0
BJI    43.42 346 eP    52 52.00  -1.2
       1.0s     22.00nm          4.9mb
                 e     53 03.00  39km
LZH    44.37 331 Pc    53 01.80   0.6
       1.5s     51.00nm          5.1mb
GUN    50.59 309 P     53 50.20   0.0
PKI    50.79 309 P     53 52.40   0.6
KKN    50.99 309 P     53 52.80  -0.4
DMN    51.05 309 P     53 53.60   0.0
GKN    51.60 309 P     53 57.40  -0.3
HYB    52.81 294 eP    54 06.00  -0.7
       1.0s     35.00nm          5.3mb
                 e     54 12.00  20km
POO    57.41 293 eP    54 44.50   4.3X
NDI    57.79 306 eP    54 47.00   4.4X
YAK    63.97   1 iPd   55 23.40  -0.5
       0.9s    130.00nm          6.0mb
     Z  16s      0.70um          4.9MszX
     N  18s      0.40um
GAR    67.12 314 eP    55 43.30  -1.5
SVW    85.11  28 eP    57 26.83   1.2
IMA    87.04  24 eP    57 35.64   0.4
SPA    87.89 180 eP    57 39.10  -0.3
       1.0s     20.50nm          5.4mb
PMR    88.27  28 (P)   57 41.00   0.0
NB2   104.73 333 Pdiff 59 04.60   8.6X
       1.2s      6.60nm          5.4mb
OLY   130.33  43 ePKP  04 03.28   2.2
KIC   133.08 277 PKP   04 13.20   6.3X
NNA   151.28 120 ePKP  04 45.30   6.8X
       1.0s     17.00nm
ARE   153.05 134 ePKP  04 51.00   9.7X
LPB   155.33 139 PKP   04 54.00   9.5X
PPD   155.99 181 (PKP) 05 02.00  17.1X
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17d 07h

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BAO    162.00 191 e(PKP)05 03.00  11.2X
     S.D. = 1.3  on  36 of  49 obs.
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?  FEB  17, 1992  07h 42m 37.90± 5.11s
   14.581 N ±22.1km   60.703 W ±44.9km
   DEPTH =  33.0km  (normal)
 WINDWARD ISLANDS                ( 95)

MVM      0.19 262 iPd   42 44.35  -0.1
                  S     42 48.80
CRM      0.27 310 iPc   42 45.32   0.1
                  S     42 50.50
BIM      0.36 260 iPd   42 46.60   0.1
                  S     42 52.80
FDF      0.46 289 iPd   42 47.88  -0.1
       0.1s      0.50nm
                  S     42 55.20
     S.D. = 0.1  on   4 of   4 obs.
-------------------------------------
   FEB  17, 1992  08h 44m 44.67± 0.53s
   40.553 S ± 3.9km  176.383 E ± 6.0km
   DEPTH =  98.5 ±  7.0 km
   4.3mb (  1 obs.)
 NORTH ISLAND, NEW ZEALAND       (159)

PGZ      0.11 232 Pc    44 56.30  -2.0
                  eS    45 02.00
TEHZ     0.65  30 P     45 01.10  -0.7
MNG      0.69 264 Pc    45 00.40  -1.7
                  S     45 08.90
WAHZ     0.85 359 P     45 02.20  -1.5
                  eS    45 12.00
AMW      0.89 212 P     45 05.40   1.4
MTW      0.90 228 Pc    45 04.70   0.5
BLW      1.07 220 P     45 07.20   1.2
TTH      1.07  19 P     45 06.10   0.1
CAW      1.14 240 Pd    45 07.30   0.4
KIW      1.16 254 Pd    45 07.30   0.2
MOW      1.22 224 P     45 08.60   0.8
WDW      1.27 235 Pd    45 08.90   0.5
BSZ      1.34 304 P     45 09.00  -0.3
WEL      1.43 239 P     45 10.90   0.6
                  eS    45 28.70
MRW      1.44 241 Pd    45 11.00   0.5
                  S     45 29.00
MOH      1.54  23 eP    45 12.40   0.7
RUZ      1.64 330 P     45 12.90  -0.1
WHH      1.67   3 P     45 13.90   0.4
TCW      1.73 247 P     45 14.50   0.4
PAHZ     1.77  17 P     45 15.00   0.3
DIW      1.89 262 P     45 16.40   0.1
CCW      2.03 233 P     45 19.20   1.2
PATZ     2.17 357 P     45 20.20   0.1
NRZ      2.24 302 P     45 21.60   0.7
NOZ      2.32  34 eP    45 22.50   0.6
TAZ      2.32   2 P     45 22.10   0.2
URZ      2.36  14 P     45 22.00  -0.4
                  S     45 49.70
UTU      2.38 356 P     45 22.90   0.2
MOZ      2.38 329 P     45 23.00   0.2
WLZ      2.78 347 P     45 28.00  -0.1
KHZ      2.83 228 P     45 29.00   0.1
THZ      2.89 244 P     45 29.80   0.0
QRZ      2.94 263 P     45 30.10  -0.3
HBZ      3.31  27 P     45 35.60   0.3
DSZ      3.66 249 eP    45 39.90  -0.3
LTZ      3.80 233 P     45 41.70  -0.5
                  eS    46 23.80
KUZ      3.84 352 eP    45 42.50  -0.1
MQZ      4.20 220 eP    45 46.20  -1.4
                  S     46 31.80
EWZ      5.07 233 eP    45 59.30  -0.3
ODZ      6.16 221 eP    46 13.90  -0.8
BWZ      6.23 228 eP    46 14.40  -1.3
TUZ      7.31 220 eP    46 30.20  -0.2
WRA     41.24 287 P     52 28.00   6.5X
       0.5s     2.60nm          4.3mb
MDJ     94.63 329 eP    58 04.80   9.8X
     S.D. = 0.8  on  42 of  44 obs.
-------------------------------------
   FEB  17, 1992  08h 54m 05.36± 0.22s
   47.437 N ± 6.0km  153.975 E ± 3.2km
   DEPTH =  33.0km  (normal)
   5.0mb ( 45 obs.)  4.3Msz (  3 obs.)
 KURIL ISLANDS                   (221)

ASAJ     8.59 251 eP    56 15.20   4.9X
HOOJ     9.11 240 eP    56 17.40   0.0
                  eS    57 52.20
MRRJ    10.43 246 eP    56 37.00   1.4
MAT     15.96 233 (P)   57 48.00  -1.0
       1.0s     70.00nm         4.8mb
YAK     20.05 326 eP    58 38.00  -0.1
       0.9s    100.00nm         5.1mb
                  i     59 12.00
                  e     02 15.00
                  e     05 30.00
BJI     28.08 269 eP    00 00.00   4.3X
     Z  20s      0.36um         4.0Msz
TTA     31.52  42 P     00 26.00  -0.2
       1.0s     23.49nm         5.0mb
SVW     31.57  46 P     00 27.20   0.6
       0.9s     21.96nm         5.0mb
PDB     32.26  48 P     00 31.70  -0.9
IMA     32.91  36 P     00 37.80  -0.5
       1.1s     19.30nm         4.9mb
RSO     32.97  47 P     00 39.40   0.4
PMR     34.70  45 (P)   00 54.00   0.4
       1.0s      2.00nm         4.0mb X
FBA     35.26  39 P     00 58.50   0.1
       0.8s     50.54nm         5.5mb
KLU     36.24  45 P     01 06.90   0.0
BALM    38.01  45 P     01 22.30   0.5
LZH     38.46 272 eP    01 27.80   1.9
       1.5s     34.00nm         4.9mb
     Z  24s      0.36um         4.1MszX
     E  13s      0.28um
INK     40.76  33 eP    01 45.00   0.7
CHTO    52.85 257 ePc   03 19.70  -0.3
       1.0s     14.50nm         4.9mb
GMW     53.54  57 P     03 25.00   0.2
PNT     54.34  54 ePc   03 30.00  -0.6
       1.0s     22.00nm         5.1mb
GUN     55.53 275 P     03 39.60  -0.4
       0.5s     11.00nm         5.1mb
DPW     55.93  54 P     03 41.90  -0.4
KKN     56.01 275 P     03 42.80  -0.5
       0.8s     16.00nm         5.1mb
PKI     56.06 275 P     03 43.20  -0.6
DMN     56.24 275 P     03 44.60  -0.4
NEW     56.29  53 P     03 44.30  -0.6
       1.0s     22.50nm         5.2mb
GKN     56.31 276 P     03 45.00  -0.4
       0.5s     15.00nm         5.3mb
SES     58.24  49 ePc   03 58.10  -0.5
ORV     58.95  64 P     04 03.20  -0.4
FFC     59.83  41 iPc   04 09.30  -0.2
       0.7s     15.00nm         5.2mb
LRM     60.31  53 eP    04 13.50   0.2
CMB     60.58  65 P     04 15.30   0.4
       1.8s     29.58nm         5.1mb
HPI     61.28  56 P     04 20.30   0.3
BONR    61.90  64 P     04 24.30   0.1
PTI     62.23  56 P     04 27.20   1.0
TNP     62.47  63 P     04 27.90   0.0
       0.9s     10.27nm         5.0mb
HVU     62.70  57 P     04 29.80   0.5
ISA     63.27  66 eP    04 32.00  -1.0
CLC     63.71  65 eP    04 36.00   0.1
DUG     63.71  59 P     04 36.20   0.3
       1.0s     15.88nm         5.1mb
BW06    63.86  55 P     04 37.10   0.1
       0.8s     14.52nm         5.1mb
SBB     64.31  66 eP    04 40.00   0.2
DAU     64.47  57 P     04 41.40   0.3
MWC     64.47  67 eP    04 41.00   0.0
EMUT    65.12  58 P     04 45.30   0.1
MSU     65.19  60 P     04 46.00   0.3
PEC     65.25  66 P     04 45.50  -0.3
       0.8s      5.20nm         4.7mb
SRU     65.75  58 P     04 48.90  -0.3
PLM     65.79  67 eP    04 49.00  -0.5
TPC     65.79  65 eP    04 48.00  -1.3
RSSD    65.93  50 P     04 50.00  -0.3
       1.0s     42.57nm         5.5mb
HYB     67.57 272 eP    04 59.50  -1.3
NB2     67.77 341 P     05 00.60  -0.9
       0.7s      2.40nm         4.4mb
HFS     68.02 340 eP    05 01.20  -1.8
       0.4s      2.10nm         4.6mb
GLD     68.31  55 P     05 06.00   0.6
       1.0s     14.00nm         5.0mb
WRA     69.36 200 P     05 11.20  -0.4
       1.0s      1.30nm         3.9mb X
ANMO    70.98  59 P     05 21.10  -0.6
       1.0s     10.50nm         4.9mb
KRA     75.10 331 eP    05 41.30  -4.0X
CLI     75.44 325 eP    05 48.00   0.6
KSP     75.55 334 eP    05 47.00  -0.9
CLL     76.08 336 iPd   05 50.00  -0.9
       1.1s     22.00nm         5.1mb
BRG     76.21 335 iP    05 51.10  -0.5
       1.0s     16.00nm         5.0mb
VRI     76.22 325 eP    05 53.00   1.2
LNO     76.22  52 ePc   05 51.90   0.0
TUL     76.22  52 ePc   05 52.00   0.0
       0.5s      8.40nm         5.0mb
CVO     76.47 325 eP    05 52.50  -0.8
PRU     76.83 334 P     05 54.80  -0.3
MLR     76.84 325 eP    05 56.50   1.0
ISR     76.90 325 eP    05 57.50   1.8
MOX     77.06 336 iP    05 56.50   0.1
       1.3s     20.00nm         5.0mb
FVM     77.40  47 P     05 58.30  -0.2
       0.7s     12.26nm         5.0mb
COZ     77.59 326 eP    06 02.00   2.3
ZST     77.63 332 eP    06 00.40   0.8
KHC     77.87 335 P     06 00.50  -0.5
       1.0s     11.10nm         4.8mb
                  e     06 08.00
GRF     78.03 336 iPc   06 02.00   0.2
       1.1s     38.00nm         5.3mb
GEC2    78.09 334 Pc    06 01.10  -1.2
       1.0s      4.87nm         4.5mb
ELC     78.53  47 P     06 04.80   0.1
OLY     78.80  49 P     06 06.10  -0.1
KBA     79.79 334 iPd   06 11.80   0.2
       1.1s     33.10nm         5.2mb
                  i     06 23.40
                  i     06 29.10
CDF     80.24 338 eP    06 13.60  -0.3
       1.0s     16.00nm         5.0mb
HAU     80.85 339 eP    06 16.60  -0.5
       0.9s      9.85nm         4.8mb
     Z  21s      0.15um         4.3Msz
BSF     80.90 33B eP    06 16.70  -0.7
       0.9s      9.85nm         4.8mb
VAY     81.68 325 iP    06 21.00  -0.4
LOR     82.14 340 eP    06 23.50  -0.3
       1.2s     20.85nm         5.0mb
     Z  21s      0.17um         4.4Msz
AVF     82.70 340 eP    06 26.60  -0.1
       1.1s      9.75nm         4.8mb
SMF     82.73 340 eP    06 26.90   0.1
       1.3s     50.55nm         5.4mb
LPL     83.07 337 eP    06 29.40   0.5
       0.9s      8.20nm         4.8mb
LPG     83.08 337 eP    06 29.50   0.5
       1.1s     18.30nm         5.1mb
MAF     83.42 340 eP    06 30.70   0.3
       1.1s     22.00nm         5.2mb
TCF     83.44 341 eP    06 30.50   0.0
       1.0s     10.00nm         4.9mb
LSF     83.63 341 eP    06 31.40  -0.1
       1.1s     17.10nm         5.1mb
CEH     84.42  41 P     06 36.00   0.4
       0.8s     19.83nm         5.3mb
PRM     84.42  44 P     06 36.40   0.8
RFA    146.02  84 ePKP  13 42.50   0.3
PPD    147.50  48 ePKP  13 47.20   2.3
     S.D. = 0.7  on  92 of  95 obs.
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•  FEB  17, 1992  09h 09m 05.14± 0.87s
   30.215 N ±17.9km   70.726 E ± 8.6km
   DEPTH =  33.0km  (normal)
   4.0mb (  1 obs.)
 PAKISTAN                        (710)

QUE      3.27 270 ePn   09 55.90   0.5
                  eSn   10 39.50
GAR      8.77 358 eP    11 13.00   0.2
GKN     12.36  97 P     12 04.00   2.2
DMN     12.86  98 P     12 07.40  -1.2
KKN     12.97  97 P     12 09.40  -0.5
PKI     13.13  98 P     12 10.60  -1.6
GUN     13.45  96 P     12 17.80   1.3
VRI     37.51 307 eP    16 17.20  -0.4
MLR     37.99 306 eP    16 25.50   3.7X
GEC2    46.60 310 Pd    17 31.40  -0.4
       1.0s      1.82nm         4.0mb
     S.D. = 1.4  on   9 of  10 obs.
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FEB 17, 1992 09h 30m 04.14± 0.89s
43.418 N ± 5.8km 5.430 E ± 6.6km
DEPTH = 10.0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)
ML 2.5 (STR).

GELF	0.03	183	Pg	30	05.46	-0.8
TREF	0.21	351	Pg	30	08.09	-0.6
BERF	0.22	119	Pg	30	09.07	0.2
PUYF	0.23	60	Pg	30	08.01	-1.0
CDR	0.35	44	ePgd	30	10.00	-1.5
			i	30	13.40	
PRAF	0.43	334	Pg	30	12.82	-0.1
VILF	0.48	25	Pg	30	13.44	-0.5
TAVF	0.50	66	Pg	30	13.50	-0.8
CALN	1.11	72	Pg	30	25.54	0.4
MVIF	1.34	68	Pn	30	28.96	0.1
REVF	1.44	76	Pn	30	30.83	0.5
			Sg	30	50.91	
TOUF	1.45	65	Pn	30	30.89	0.3
AURF	1.45	71	Pn	30	30.42	-0.1
AUTN	1.56	68	Pn	30	32.59	0.4
SAOF	1.64	69	Pn	30	33.04	-0.1
DOI	1.70	50	P	30	34.50	0.4
			eSn	30	59.00	
BNI	1.86	28	P	30	39.50	3.0
			eSn	31	04.00	

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

& FEB 17, 1992 09h 33m 22.41s
59.736 N 152.975 W
DEPTH = 95.1km
SOUTHERN ALASKA (2)
<AEIC>.

IVS	0.28	349	eP	33	36.25	-0.6
INE	0.33	352	iPd	33	36.37	-0.6
			eS	33	47.75	
INW	0.34	347	iPd	33	36.16	-0.8
			eS	33	47.36	
AUI	0.46	210	eP	33	36.96	-0.7
			eS	33	48.30	
PDB	0.62	275	iPd	33	37.92	-0.9
			eS	33	50.19	
RED	0.69	8	iPd	33	38.84	-0.8
			eS	33	51.92	
XLV	0.70	113	iPc	33	38.94	-0.7
			eS	33	51.94	
RS1	0.73	8	iPd	33	39.49	-0.7
RSO	0.74	9	iPd	33	39.51	-0.7
			SS	33	52.71	
RS2	0.74	8	iPd	33	39.53	-0.7
			eS	33	52.39	
RDW	0.75	6	iPd	33	39.66	-0.7
			iS	33	52.75	
REF	0.77	10	iPd	33	39.79	-0.7
			iS	33	53.45	
DFR	0.87	9	iPd	33	40.71	-0.7
			iS	33	54.70	
CDD	0.88	203	eP	33	40.63	-0.8
MCNL	0.89	232	eP	33	40.45	-1.1
			eS	33	54.26	
RDT	0.89	18	ePd	33	40.69	-0.9
			eS	33	54.98	
NNL	0.90	69	iPc	33	41.85	0.2
CNPM	0.91	103	iPc	33	40.97	-0.8
			eS	33	55.41	
BRLK	1.06	88	iPc	33	42.42	-1.0
			eS	33	58.45	
SYI	1.17	165	iPd	33	44.11	-0.6
			eS	34	00.21	
BGM	1.20	254	eP	33	43.58	-1.5
CKL	1.50	12	iPd	33	48.10	-0.8
			eS	34	08.12	
SPU	1.52	17	iPd	33	48.20	-0.9
			eS	34	08.32	
CKN	1.54	14	iPd	33	48.70	-0.7
			S	34	07.94	
BGL	1.56	10	iPd	33	49.02	-0.7
SLKM	1.58	59	eP	33	48.51	-1.4
CRP	1.59	14	ePd	33	49.40	-0.7
			eS	34	10.47	
CGLM	1.65	16	iPd	33	49.98	-0.8
NCG	1.72	13	iPd	33	51.02	-0.7
SEW	1.81	77	eP	33	51.23	-1.6
			eS	34	14.43	
SVW	1.90	318	iPd	33	52.52	-1.6
			S	34	15.55	
KDC	2.01	173	iPd	33	53.53	-1.9
			S	34	18.23	
SUA	2.05	31	eP	33	55.99	-0.2
			eS	34	21.73	
PMS	2.27	47	ePc	33	57.80	-1.2
			eS	34	24.16	
SKT	2.36	17	iPd	33	58.84	-1.3
			S	34	27.64	
PWA	2.45	37	eP	34	00.64	-0.7
			eS	34	29.01	
LTI	2.60	81	eP	34	01.50	-1.9
PLRM	2.65	44	ePd	34	02.14	-2.0
			eS	34	32.41	
PMR	2.66	44	P	34	01.80	-2.3
KNK	2.79	51	ePc	34	03.87	-2.2
GHO	2.85	42	eP	34	05.19	-1.7
			eS	34	37.75	
CUT	2.98	25	eP	34	07.53	-1.1
SML	3.08	46	ePc	34	07.85	-2.2
			eS	34	44.02	
GLI	3.14	66	eP	34	06.19	-4.6
			S	34	42.92	
MID	3.39	92	eP	34	12.46	-1.7
FID	3.39	70	ePc	34	10.70	-3.6
			eS	34	48.18	
TTA	3.52	337	ePd	34	13.96	-2.1
HUR	3.63	25	eP	34	16.79	-0.7
KLU	3.90	60	iPc	34	18.55	-2.7
			iS	35	01.10	
TRF	3.94	18	eP	34	20.57	-1.4
KTH	3.95	13	eP	34	20.24	-1.8
SGAM	3.96	75	eP	34	18.57	-3.5
TOA	4.08	51	ePc	34	21.71	-2.1
RND	4.18	26	eP	34	21.87	-3.2
KAIM	4.32	84	eP	34	24.71	-2.3
SDG	4.56	49	eP	34	27.95	-2.4
GLB	4.83	65	iPc	34	30.92	-3.2
PAX	4.86	45	eP	34	32.43	-2.1
CROM	5.01	74	eP	34	33.81	-2.9
TGL	5.16	74	eP	34	36.17	-2.5
WRH	5.28	24	eP	34	37.83	-2.4
BALM	5.43	72	eP	34	39.05	-3.5
HDA	5.47	29	eP	34	40.67	-2.3
YAH	5.66	79	eP	34	43.53	-2.3
MDM	5.69	21	eP	34	43.32	-2.7
FBA	5.72	23	P	34	43.10	-3.2
CTGM	5.91	73	eP	34	46.59	-2.6
IMA	6.37	357	P	34	52.90	-2.5

0.8s 9.53nm 4.2mb X
68 obs. associoted

* FEB 17, 1992 09h 38m 25.95± 0.85s
43.625 N ±16.0km 147.535 E ±14.8km
DEPTH = 33.0km (normol)
4.3mb (7 obs.)
KURIL ISLANDS (221)

HOOJ	3.35	250	eP	39	20.20	2.9
			eS	39	59.20	
AOMJ	6.14	243	eP	39	56.50	-0.3
			S	41	03.30	
YAMJ	7.87	229	eP	40	17.60	-3.3X
			eS	41	43.40	
MAT	10.05	228	eP	40	49.00	-2.1
			eS	41	11.00	
LZH	34.06	272	eP	45	09.70	0.4

1.0s 26.00nm 5.1mb

IMA	38.63	34	P	45	48.41	0.9
FBA	41.03	36	P	46	08.23	1.0

0.9s 6.25nm 4.3mb

INK	46.37	30	eP	46	51.00	0.7
GUN	51.30	274	P	47	29.80	0.4
GKN	52.15	275	P	47	35.80	0.2
WRA	64.40	194	P	49	01.00	0.0

0.7s 0.50nm 3.7mb

KAF	64.55	334	eP	49	00.50	-1.0
FFC	65.63	37	iPc	49	08.70	0.1

0.6s 7.00nm 4.9mb

NUR	66.27	333	eP	49	11.20	-1.4
NB2	69.82	339	P	49	33.80	-0.9

0.5s 0.70nm 4.0mb

HFS	69.91	337	eP	49	34.20	-1.0

0.4s 2.60nm 4.6mb

GEC2	79.40	331	Pc	50	30.10	0.0

0.5s 0.50nm 3.8mb

S.D. = 1.3 on 16 of 17 obs.

? FEB 17, 1992 10h 13m 31.34± 3.74s
32.622 S ±18.9km 71.835 W ±28.2km
DEPTH = 33.0km (normol)
NEAR COAST OF CENTRAL CHILE (135)
MD 4.1 (SAN).

IHA	0.43	158	eP	13	40.50	-0.5
			iS	13	48.70	
ROCH	0.78	117	iPd	13	44.80	-1.3
			iS	13	58.00	
LCCH	0.88	165	iPd	13	47.00	-0.3
			iS	14	00.50	
JACH	1.05	94	iPd	13	48.50	-1.4
			iS	14	03.50	
PEL	1.10	119	iPd	13	50.50	0.0
			iS	14	06.60	
TACH	1.27	144	iPc	13	53.30	0.3
			iS	14	12.00	
SAN	1.29	130	eP	13	53.50	0.3
			iS	14	12.10	
LNV	1.38	165	ePc	13	53.60	-0.8
			iS	14	15.20	
PCH	1.49	132	iPd	13	56.50	0.3
			iS	14	17.70	
CHCH	1.64	143	iPd	13	59.20	0.9
			iS	14	22.00	
CACH	1.81	146	iP	14	02.00	1.1
CFA	3.21	73	ePc	14	21.80	1.1

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

FEB 17, 1992 10h 19m 16.19± 0.33s
34.752 N ± 4.1km 23.888 E ± 3.7km
DEPTH = 33.0km (normal)
4.5mb (33 abs.)
CRETE (370)
MD 4.3 (HLW), 4.2 (ATH).

NPS	1.50	70	ePn	19	47.90	6.8X
VLI	2.11	339	ePb	19	53.80	4.0X
ATH	3.22	358	ePn	20	08.00	2.5
VLS	4.33	323	ePn	20	21.50	0.1
CIN	4.43	49	eP	20	27.00	4.2X
AGG	4.44	344	ePn	20	24.78	1.8
			eSn	21	13.50	
PRK	4.87	22	ePn	20	30.00	0.9
PAIG	5.17	358	ePn	20	34.05	0.8
LIT	5.45	349	ePn	20	37.57	0.3
			eSn	21	36.89	
IGT	5.55	330	ePn	20	37.94	-0.7
			eSn	21	37.85	
OUR	5.57	1	ePn	20	39.69	0.8
KZN	5.79	344	ePn	20	42.30	0.1
THE	5.92	353	ePn	20	43.62	-0.2
KEK	5.93	328	ePn	20	43.60	-0.4
SOH	6.07	356	ePn	20	47.14	1.1
GRG	6.30	350	ePn	20	48.73	-0.6
			eSn	21	58.10	
SRS	6.36	358	ePn	20	50.78	0.7
KNT	6.45	353	ePn	20	51.85	0.6
			eSn	22	03.10	
VAY	6.64	351	iPn	20	52.30	-1.6
OHR	6.80	340	iPn	20	55.10	-1.2
PPCY	6.96	87	eP	20	57.90	-0.5
			eS	22	14.50	
LCI	7.30	322	P	21	01.00	-2.1
SKO	7.46	346	iPn	21	04.00	-1.4
			i	22	18.50	
			i	22	23.20	
TDS	7.76	311	P	21	10.00	0.3
CSS	7.77	86	eP	21	09.00	-0.8
			eS	22	33.40	
CSI	7.86	312	P	21	05.20	-5.9X
HLW	7.97	126	ePnc	21	11.00	-1.7
			e	21	15.00	
			e	21	29.50	
			e	21	46.50	
			eSn	22	33.50	
			e	22	44.00	
			e	22	53.50	
			e	23	00.00	
			e	23	18.50	
ULC	8.07	335	iPnd	21	08.73	-5.2X
			iSn	22	23.51	
BRT	8.08	321	P	21	12.80	-1.4
			eSn	22	36.00	

17d 10h

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PVY      8.41 340 iPnd  21 16.47  -2.3X
                  iSn   22 37.13
TTG      8.48 336 iPnc  21 15.15  -4.4X
                  iSn   22 34.29
BDV      8.50 334 iPnd  21 13.88  -6.0X
                  iSn   22 32.40
MGR      8.53 311 P     21 18.70  -1.7
                  eSn   22 47.20
IVA      8.68 340 iPnd  21 20.47  -2.1
                  iSn   22 43.73
BBTK     8.70  52 ePd   21 20.00  -2.9X
HCY      8.76 333 iPnd  21 16.79  -6.8X
                  iSn   22 37.36
NKY      8.91 336 iPnc  21 20.78  -4.9X
                  iSn   22 44.34
BRY      9.14 334 iPnd  21 22.88  -6.0X
                  iSn   22 47.74
PLE      9.25 339 iPnd  21 27.07  -3.3X
                  iSn   22 55.46
ATZ      9.67  98 eP    21 34.80  -1.3
                  eS    23 13.10
HRI      9.95  95 eP    21 38.20  -1.8
MKT     10.20 109 eP    21 40.80  -2.7X
                  eS    23 25.20
HVAR    10.21 328 iPn   21 39.10  -4.4X
                  iSn   22 22.40
MTUR    10.50   5 eP    21 56.00   8.5X
CMP     10.54   4 ePc   21 55.00   7.0X
MBH     10.55 115 eP    21 46.30  -1.9
COZ     10.56   2 eP    21 50.50   2.1
ISR     10.57  10 eP    21 50.00   1.5
MLR     10.84   8 eP    21 53.50   1.3
TNR     10.89   1 ePd   21 54.00   1.2
CVO     11.19   8 eP    21 55.50  -1.4
VRI     11.31  10 eP    21 59.00   0.5
ASS     12.05 317 P     22 08.00  -0.6
CLI     12.06  11 eP    22 21.00  12.4X
VBY     12.60 331 ePn   22 13.10  -2.7X
                  e(Sn) 24 22.70
PTJ     12.66 334 iPc   22 12.90  -3.8X
CEY     13.13 330 e(P)  22 20.80  -2.0
                  eS    24 41.00
VOY     13.59 329 eP    22 26.10  -2.8X
                  iPP   22 27.40
                  e     22 38.00
                  eS    24 48.00
ZST     14.35 341 e(P)  22 34.70  -4.2X
                  e     40 53.30
FVI     14.50 328 P     22 45.50   4.7X
                  eSn   25 11.00
CTI     14.62 324 P     22 41.50  -0.9
KBA     14.65 330 iPc   22 41.40  -1.5
                  iPP   22 49.90
                  i     25 08.10
                  iS    25 12.80
SPC     14.68 351 eP    22 50.60   7.3X
BHG     15.35 331 iPd   22 57.80   5.8X
        0.8s    82.00nm          5.0mb
KRA     15.57 350 eP    23 07.80  13.1X
GEC2    15.98 335 Pnd   22 58.30  -1.7
        0.5s     0.73nm          3.1mb X
KHC     16.26 335 P     23 02.40  -1.2
        1.0s    48.20nm          4.6mb
                  i     23 08.00
                  i     23 12.50
FUR     16.37 329 eP    23 08.50   3.6X
        0.8s    90.00nm          5.0mb
WET     16.52 334 eP    23 10.00   3.1X
        1.2s   196.00nm          5.1mb
PRU     16.70 339 eP    23 07.50  -1.5
                  e     23 11.60
                  e     23 20.40
LPG     16.90 315 eP    23 12.30   0.3
LPL     16.93 315 eP    23 12.30   0.1
KSP     17.00 343 ePc   23 14.50   1.6
        1.0s    25.00nm          4.3mb
GRF     17.59 332 eP    23 19.40  -0.9
      Z  19s     0.20um
                  i     23 22.50
BRG     17.66 339 iP    23 22.40   1.3
        1.1s    31.00nm          4.3mb
                  i     23 31.70
MOX     18.23 334 iP    23 28.80   0.7
        1.1s    30.00nm          4.4mb
BSF     18.27 321 eP    23 28.80   0.0
        0.7s    15.45nm          4.3mb
CLL     18.33 338 iPc   23 29.30   0.0
        0.9s    52.00nm          4.7mb
CDF     18.40 323 eP    23 30.80   0.4
        0.7s     8.80nm          4.0mb
HAU     18.61 321 eP    23 32.80  -0.1
        0.7s    18.75nm          4.4mb
      Z  21s     0.15um          5.9MszX
SMF     19.23 314 eP    23 39.60  -0.7
        0.5s     3.65nm          3.9mb
LBF     19.33 315 eP    23 40.30  -1.2
        0.9s    13.90nm          4.2mb
CAF     19.54 308 eP    23 43.90   0.0
LOR     19.55 316 eP    23 43.10  -0.8
        0.3s     2.55nm          4.0mb
      Z  21s     0.08um          4.4Msz
AVF     19.59 314 eP    23 44.10  -0.3
        0.8s     8.05nm          4.1mb
SSF     19.64 315 eP    23 44.20  -0.7
        0.9s    12.30nm          4.2mb
BGF     19.78 313 eP    23 46.20  -0.2
        0.7s    10.45nm          4.3mb
MAF     19.79 312 eP    23 47.50   1.0
WLF     19.79 324 Pd    23 47.00   0.6
LPO     20.02 306 eP    23 48.90  -0.1
        0.7s     8.80nm          4.2mb
TCF     20.04 312 eP    23 49.70   0.6
        1.0s    14.00nm          4.2mb
LSF     20.44 311 eP    23 54.00   0.7
        0.6s    10.80nm          4.4mb
MEM     20.50 326 iPd   23 54.85   1.0
DOU     20.83 323 Pd    23 57.00  -0.3
SNF     21.25 324 iPd   24 01.87   0.3
UCC     21.41 324 Pd    24 02.00  -1.0
EVIA    21.49 288 eP    24 07.90   3.8X
MFF     21.64 310 eP    24 05.80   0.3
        0.7s    16.55nm          4.6mb
ECOG    22.32 284 iP    24 14.50   2.0
EGUA    22.34 283 eP    24 14.50   1.9
LDF     22.53 315 eP    24 14.40   0.1
        0.8s    53.75nm          5.1mb
LPF     22.81 313 eP    24 17.40   0.4
        0.7s    26.45nm          4.8mb
FLN     22.82 315 eP    24 17.20   0.1
        0.3s    16.60nm          5.0mb
      Z  19s     0.10um          3.3Msz
GRR     22.86 314 eP    24 17.60   0.1
        0.7s    27.55nm          4.9mb
GUD     22.90 293 iP    24 20.70   2.5
EPRU    23.67 284 eP    24 25.00  -0.5
MUD     23.93 340 iP    24 27.70  -0.1
        0.8s    23.00nm          4.8mb
NUR     25.78   1 eP    24 44.80  -0.6
        0.5s     7.20nm          4.5mb
HFS     26.25 348 eP    24 48.70  -1.1
        0.4s    31.90nm          5.3mb
      Z  16s     0.29um          3.9MszX
                  LR    34 49.00
KAF     27.42   2 eP    24 59.60  -0.9
NB2     27.54 347 P     25 00.20  -1.4
        0.4s     8.90nm          4.8mb
EKA     27.78 326 P     25 07.00   3.2X
        0.6s     6.40nm          4.5mb
BCAO    30.57 191 iPd   25 30.70   1.5
        0.4s    25.00nm          5.4mb
                  ic    25 42.50
GAR     37.07  69 eP    26 27.30   2.2
TIC     38.62 230 P     26 38.40   0.2
KIC     38.67 230 P     26 38.20  -0.4
LIC     38.95 230 P     26 41.00   0.1
GKN     51.63  80 P     28 22.80   0.8
DMN     52.16  80 P     28 27.00   0.8
        0.5s    37.00nm          5.6mb X
KKN     52.23  80 P     28 27.00   0.4
        0.6s    27.00nm          5.4mb
PKI     52.43  80 P     28 28.60   0.4
GUN     52.67  79 P     28 30.60   0.5
INK     75.B7 352 eP    31 01.00   0.5
IMA     79.49 359 eP    31 22.20   1.6
FFC     79.49 331 eP    31 22.00   1.3
        0.5s     6.00nm          4.8mb
FBA     80.46 356 (P)   31 26.97   1.3
TTA     82.66 360 (P)   31 36.93  -0.3
      S.D. = 1.1  on  97 of 127 obs.
-----------------------------------------
&  FEB  17, 1992  10h 51m 34.95s
    60.449 N          143.630 W
    DEPTH =   8.5km
 SOUTHERN ALASKA                    (  2)
        <AEIC>. ML 2.7 (AEIC).
CROM     0.39  38 iPd   51 43.23   0.2
                  eS    51 49.63
TGL      0.50  52 iPd   51 44.94  -0.1
                  iS    51 52.56
KAIM     0.65 217 iPd   51 47.45  -0.6
CYK      0.68 122 ePd   51 48.03  -0.5
                  eS    51 59.02
SGAM     0.78 275 ePc   51 49.59  -0.7
                  S     52 01.65
BALM     0.86  46 iPc   51 50.80  -1.0
                  eS    52 03.08
WRG      0.90 117 eP    51 51.28  -1.0
YAH      0.94  94 ePd   51 52.21  -1.0
GLB      1.00 355 iPc   51 52.95  -1.1
                  eS    52 06.81
                  eS    52 07.13
CTGM     1.24  64 ePc   51 56.61  -1.7
                  S     52 12.87
FID      1.44 283 eP    52 00.74  -0.5
                  eS    52 19.21
VLZ      1.49 299 eP    52 01.34  -0.6
KLU      1.53 314 iPc   52 01.56  -1.1
                  eS    52 21.92
VZW      1.56 294 eP    52 01.82  -1.2
GLI      1.76 286 eP    52 04.63  -1.2
TZL      1.82 332 eP    52 06.55  -0.2
TOA      2.07 325 ePc   52 10.56   0.2
LTI      2.15 261 eP    52 08.46  -3.0
SDG      2.28 337 eP    52 12.30  -1.1
KNK      2.55 294 eP    52 17.05  -0.1
SML      2.66 303 eP    52 17.60  -1.2
PAX      2.68 342 eP    52 18.27  -0.9
GHO      2.89 300 eP    52 21.22  -0.9
PLRM     2.91 296 eP    52 22.19  -0.1
       24 obs. associated
-----------------------------------------
•  FEB  17, 1992  11h 00m 58.72± 1.52s
    44.691 N ± 9.1km   22.424 E ±14.7km
    DEPTH =  10.0km  (geophysicist)
 ROMANIA                            (358)
SRE      0.56  93 iPd   01 10.00  -0.1
DEV      1.24  16 ePc   01 22.00   0.3
BEO      1.41 276 ePg   01 32.70   8.3X
       1.0s     0.20nm
                  eSg   01 41.30
COZ      1.50  64 iPc   01 27.00   1.2
TNR      1.62  53 ePd   01 27.00  -0.5
MTUR     1.95  73 ePd   01 32.00  -0.3
MDB      2.00  43 iPc   01 41.00   8.1X
MLR      2.62  71 ePc   01 43.50   1.6
SKO      2.81 195 ePn   01 58.50  14.0X
                  iSg   02 19.00
CVO      2.88  66 eP    01 44.00  -1.5
ISR      2.96  80 eP    02 06.50  19.8X
VRI      3.26  67 eP    01 59.00   8.1X
VAY      3.37 178 ePn   01 52.40   0.0
CLI      3.88  60 eP    01 59.00  -0.8
      S.D. = 1.1  on   9 of  14 obs.
-----------------------------------------
%  FEB  17, 1992  11h 04m 31.60± 1.16s
    17.926 N ±10.4km   66.594 W ± 4.9km
    DEPTH =  10.0km  (geophysicist)
 PUERTO RICO REGION                  ( 90)
PORP     0.13 342 iP    04 34.90   0.1
CLLP     0.15   6 iP    04 35.20   0.0
SJG      0.46  66 iP    04 41.10   0.1
MGP      0.48 280 iP    04 41.20  -0.1
APR      0.54 346 iP    04 42.20  -0.3
CPD      0.66  80 iP    04 44.80   0.1
LPR      0.79  61 iP    04 46.50  -0.4
                  S     04 57.50
      S.D. = 0.3  on   7 of   7 obs.
-----------------------------------------
•  FEB  17, 1992  11h 10m 40.64± 1.88s
    39.025 N ±18.0km   22.454 E ± 9.8km
    DEPTH =  10.0km  (geophysicist)
 GREECE                             (364)
AGG      0.10 268 ePg   10 42.71  -0.6
                  eSg   10 45.32
LIT      1.07   1 ePg   11 01.12   0.3
                  eSg   11 17.51
PAIG     1.31  46 ePb   11 04.67  -0.1
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                    eSb    11 22.67
IGT      1.72 288 ePb    11 12.16    1.3
                    eSb    11 35.35
OUR      1.76  42 ePb    11 11.39    0.1
SOH      1 92  21 ePb    11 13.96    0.2
                    eSb    11 38.44
FNA      1.94 335 ePn    11 14.83    0.8
OHR      2.44 329 ePn    11 19.30   -1.9
     S.D. = 1.1  on   8 of   8 obs.
-----------------------------------------
%  FEB  17, 1992  11h 33m 11.35± 1.85s
   40.504 N ± 6.0km   22.254 E ±16.0km
   DEPTH =  10.0km  (geophysicist)
 GREECE                              (364)

LIT      0.44 156 ePg    33 20.37    0.0
                    eSg    33 27.50
GRG      0.47  14 ePg    33 20.89    0.1
                    eSg    33 27.73
KNT      0.82  36 ePg    33 26.98   -0.2
                    eSg    33 38.26
SOH      0.89  69 ePg    33 28.46   -0.1
                    eSg    33 38.37
SRS      1.19  58 ePg    33 33.82    0.3
                    eSg    33 49.66
OUR      1.33  97 ePb    33 35.78   -0.1
                    eSb    33 52.73
AGG      1.48 178 ePb    34 00.89   22.8X
                    eSb    34 02.21
     S.D. = 0.2  on   6 of   7 obs.
-----------------------------------------
?  FEB  17, 1992  11h 34m 00.68± 0.87s
   39.954 N ±31.9km   77.442 E ±42.7km
   DEPTH =  33.0km  (normal)
   3.5mb (  3 obs.)
 SOUTHERN XINJIANG, CHINA            (321)

GKN     13.32 151 P      37 09.80   -0.3
        0.5s     16.00nm          5.2mb X
KKN     13.76 149 P      37 15.80   -0.1
        0.5s     12.00nm          5.0mb X
DMN     13.86 150 P      37 18.20    1.0
        0.5s     11.00nm          4.9mb X
GUN     13.89 147 P      37 18.00    0.2
        0.5s      9.00nm          4.8mb X
PKI     14.01 149 P      37 19.00   -0.3
        0.6s     14.00nm          4.9mb X
NB2     44.80 321 P      42 13.60    0.8
        0.6s      1.20nm          3.9mb
GEC2    45.18 303 Pd     42 15.50   -0.6
        0.6s      0.37nm          3.4mb
WRA     79.74 127 P      46 06.40   -0.6
        0.7s      0.30nm          3.4mb
     S.D. = 0.7  on   8 of   8 obs.
-----------------------------------------
?  FEB  17, 1992  11h 40m 19.82± 2.90s
   38.705 N ± 9.5km   15.400 E ±33.0km
   DEPTH =  10.0km  (geophysicist)
 SICILY                              (398)

ATN      0.55 175 P      40 30.80   -0.1
                    eSg    40 40.00
CZI      0.77  48 P      40 34.50   -0.3
SOI      0.82 141 P      40 35.70    0.1
                    eSg    40 47.00
TDS      1.20  37 P      40 42.40    0.2
     S.D. = 0.4  on   4 of   4 obs.
-----------------------------------------
?  FEB  17, 1992  12h 16m 17.72± 0.58s
   18.044 S ±23.1km  179.677 W ±17.3km
   DEPTH = 650.0km  (geophysicist)
   5.0mb ( 10 obs.)
 FIJI ISLANDS REGION                 (181)

DZM     13.64 251 iPd    19 14.00    1.7
ARMA    28.83 239 eP     21 30.00    1.0
        0.4s     14.00nm          4.9mb
RMO     30.34 248 iPd    21 43.00    1.4
        0.6s     31.00nm          5.1mb
CAN     32.67 232 iPd    22 01.20    0.1
BWA     32.76 234 iPd    22 00.00   -1.9
OLP     34.36 249 iPd    22 16.00    0.9
        0.4s     76.00nm          5.6mb
TOO     36.15 230 iPc    22 30.60    0.9
        0.7s     56.00nm          5.2mb
BFD     38.20 232 iPd    22 47.50    1.2
        0.5s     11.00nm          4.6mb
OIS     38.44 259 iPd    22 48.90    0.4
W82     43.41 260 iPc    23 27.80    0.1
        0.4s     54.90nm          5.3mb
                 iPcP     24 59.20
WRA     43.42 260 P      23 27.90    0.1
        0.5s     18.00nm          4.8mb
MTN     47.59 269 eP     23 59.00   -0.6
FORR    48.83 245 iPd    24 08.00   -0.5
        0.3s     42.00nm          5.4mb
WARB    50.10 251 iPd    24 18.00    0.0
        0.3s     15.00nm          4.8mb
COOL    54.81 245 eP     24 50.00   -1.4
        0.4s     19.00nm          4.7mb
MBL     56.78 256 eP     25 03.50   -1.4
KLB     57.68 244 eP     25 10.00   -1.0
RKG     58.23 240 eP     25 14.00   -0.6
BAL     58.63 245 eP     25 16.10   -1.2
MUN     58.99 243 eP     25 19.10   -0.5
NANU    60.53 254 iPc    25 30.10    0.3
CHTO    87.91 290 eP     28 01.50   -0.3
GEC2   147.41 344 PKP    34 46.50   -1.6
        0.6s      2.42nm
CDF    149.18 351 ePKP   34 51.00    0.2
FLN    149.35   1 ePKP   34 50.50   -0.4
LDF    149.53   1 ePKP   34 50.80   -0.4
HAU    149.71 352 ePKP   34 52.00    0.5
GRR    149.72   2 ePKP   34 51.40   -0.1
BSF    149.82 351 ePKP   34 52.30    0.5
        0.5s      3.65nm
LPF    150.07   2 ePKP   34 52.40    0.4
        0.3s      3.00nm
LOR    150.71 355 ePKP   34 54.30    1.2
        0.6s      4.50nm
SSF    150.94 356 ePKP   34 54.80    1.4
        0.5s      2.55nm
MFF    151.52   1 ePKP   34 54.00   -0.2
     S.D. = 1.0  on  33 of  33 obs.
-----------------------------------------
   FEB  17, 1992  14h 13m 55.26± 0.24s
   33.513 N ± 4.6km  141.000 E ± 5.7km
   DEPTH =  43.7km  (  6 depth phases)
   4.9mb ( 25 obs.)
 OFF EAST COAST OF HONSHU, JAPAN (229)

CHJJ     3.02 327 P      14 41.20   -0.5
                 eS      15 14.90
MAT      3.79 324 iPd    14 52.90    0.2
                 eS      15 33.00
SSE     16.92 267 P-     17 53.00    2.6
        4.0s      0.50nm          2.0mb X
      Z  20s      0.90um          4.2MszX
      N  14s      0.70um
                 pP      18 02.50
                 sP      18 06.80
                 S       21 06.00
GUMO    20.15 169 e(P)   18 27.00   -1.6
        1.0s    919.30nm          6.1mb X
PJG     20.14 169 e(P)   18 27.50   -1.1
GUA     20.20 169 e(P)   18 27.80   -1.4
        0.8s    328.36nm          5.7mb
                 e       18 32.00   16kmX
BJI     20.89 295 eP     18 47.00   11.0X
        1.5s     24.00nm
YAK     29.42 349 eP     19 54.00   -2.5
        1.3s     61.00nm          5.1mb
                 e       20 22.00  130kmX
                 e       24 50.00
                 e       30 50.00
LZH     30.50 285 eP     20 07.00    0.4
        1.0s     18.00nm          4.8mb
      Z  20s      0.49um          4.2Msz
      E  13s      0.39um
                 i       20 26.00   82kmX
IRK     32.30 317 eP     20 22.00    0.0
        1.2s     33.00nm          5.1mb
      Z  20s      0.19um          3.8Msz
                 e       20 25.10   11kmX
                 LR      33 23.00
CHG     40.20 259 eP     21 29.00   -0.3
ANM     44.80  30 P      22 05.70   -0.5
GUN     47.26 279 P      22 26.60    0.0
        0.8s     32.00nm          5.3mb
PKI     47.77 278 P      22 29.80   -0.8
KKN     47.80 279 P      22 30.40   -0.3
        0.8s     32.00nm          5.4mb
DMN     48.01 279 P      22 32.00   -0.3
GKN     48.25 279 P      22 33.40   -0.7
IMA     49.91  29 P      22 46.30    0.0
        1.2s      7.89nm          4.6mb
PMR     51.67  35 eP     22 55.10   -4.5X
        1.1s     13.90nm          4.9mb
FBA     52.28  31 P      23 04.90    0.8
        1.7s     37.17nm          5.1mb
WB2     53.53 188 iPd    23 13.40   -0.4
        0.6s    116.30nm          6.1mb X
WRA     53.53 188 P      23 13.60   -0.2
        0.4s    116.20nm          6.3mb X
QIS     53.78 182 iPc    23 15.20   -0.4
        0.8s     19.00nm          5.2mb
INK     57.68  26 eP     23 46.00    2.8X
HYB     57.83 270 eP     23 43.50   -1.5
MBL     57.99 203 eP     23 46.00    0.1
OLP     59.84 177 iPc    23 58.40   -0.2
        0.5s     22.00nm          5.5mb
MBC     60.00  16 eP     23 59.00   -0.2
RMO     60.12 172 iPd    24 01.50    0.9
WARB    60.91 195 eP     24 06.70    0.7
        0.6s     30.00nm          5.6mb
QUE     61.72 289 eP     24 11.20   -0.6
ARMA    64.38 170 eP     24 30.00    1.0
        0.8s     11.00nm          5.0mb
FORR    65.17 192 eP     24 34.30    0.4
        0.4s     71.00nm          6.1mb X
MRWA    66.73 204 eP     24 44.00    0.0
BAL     67.78 203 eP     24 50.50   -0.1
DAG     69.26 355 eP     24 58.50   -0.7
BFD     70.34 179 eP     25 08.00    1.8
RMW     70.57  46 P      25 08.10    0.3
OBN     70.71 324 eP     25 10.00    1.6
        1.0s     18.00nm          5.0mb
                 e       25 11.00    3kmX
                 e       25 19.00
                 e       27 44.00
KAF     71.28 333 iP     25 10.90   -0.8
        0.6s      2.40nm          4.3mb
DPW     72.49  44 P      25 18.80   -0.5
NUR     72.90 332 iP     25 20.40   -0.9
        0.4s      2.30nm          4.5mb
                 i       25 36.00   56kmX
NEW     72.91  43 P      25 21.30   -0.4
        1.0s     11.00nm          4.8mb
CMB     76.21  54 P      25 41.30    0.4
FFC     76.85  32 eP     25 43.00   -1.1
        0.9s     11.00nm          4.9mb
LRM     76.91  43 eP     25 45.10    0.2
HFS     77.15 336 eP     25 44.70   -0.9
        0.4s      1.50nm          4.4mb
      Z  18s      0.20um          4.5Msz
                 LR      59 12.00
NB2     77.30 337 P      25 45.00   -1.5
        0.9s      6.60nm          4.7mb
BONR    77.65  53 P      25 49.70    0.5
HPI     77.74  46 P      25 50.10    0.5
TNP     78.29  52 P      25 53.20    0.6
        1.3s     10.68nm          4.7mb
HVU     79.04  47 P      25 57.40    0.8
BW06    80.38  45 P      26 03.70   -0.1
        0.8s      2.74nm          4.3mb
VRI     81.19 320 eP     26 11.50    3.8X
MSU     81.31  49 P      26 09.90    1.1
CVO     81.52 320 eP     26 14.00    4.5X
MLR     81.85 320 eP     26 11.50    0.2
SRU     82.00  48 P      26 12.50    0.2
RSSD    82.69  41 P      26 15.20   -0.6
        1.4s     11.30nm          4.7mb
HRI     83.35 306 e(P)   26 35.90   16.6X
BRG     83.90 329 eP     26 24.40    2.8
                 i       26 37.40   44km
CLL     83.97 330 eP     26 24.00    2.1
        1.2s     18.00nm          5.0mb
                 e       26 38.00   48km
SRO     84.16 325 eP     26 19.00   -3.9X
                 i       26 32.10   44km
                 i       26 37.90
PRU     84.30 329 eP     26 26.70    3.1X
                 e       26 38.80   40km
ZNT     84.44 305 e(P)   26 41.60   16.9X
ZST     84.45 326 eP     26 23.50   -0.9
                 i       26 41.50   65kmX
                 e       27 15.60
KHC     85.36 328 P      26 31.50    2.5
        1.2s      8.00nm          4.8mb
                 e       26 44.50   44km
                 e       27 05.00
```

17d 14h

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GEC2    85.52 328 P      26 28.80  -1.1
        0.5s     0.48nm          3.9mb X
GRF     85.94 330 eP     26 35.00   3.1X
                  e      26 48.00  43km
MBH     86.00 303 e(P)   26 48.70  16.1X
BCAO   113.89 293 ePKPd  32 47.60  15.9X
        0.2s     4.00nm
                  ic     33 58.00
LPB    148.83  64 PKP    33 37.30   0.7
     S.D. = 1.1  on  60 of  72 obs.
-----------------------------------
%  FEB  17, 1992  14h 15m 34.97± 0.64s
   40.445 N ± 5.2km   23.056 E ± 5.7km
   DEPTH =  10.0km  (geophysicist)
 GREECE                            (364)

THE      0.20 340 ePg    15 38.83  -0.5
                  eSg    15 41.83
SOH      0.44  31 ePg    15 43.57  -0.4
                  eSg    15 50.23
LIT      0.55 232 ePg    15 46.53   0.3
PAIG     0.70 137 ePg    15 48.48  -0.4
                  eSg    15 58.92
GRG      0.71 316 ePg    15 48.92  -0.1
OUR      0.72  99 ePg    15 48.96  -0.1
                  eSg    15 59.76
KNT      0.73 351 ePg    15 49.12  -0.1
SRS      0.79  31 ePg    15 51.48   1.2
                  eSg    16 01.80
     S.D. = 0.7  on   8 of   8 obs.
-----------------------------------
*  FEB  17, 1992  14h 31m 16.54± 0.54s
   45.301 N ±13.2km  153.125 E ± 7.9km
   DEPTH =  33.0km  (normol)
   4.8mb ( 16 obs.)
 EAST OF KURIL ISLANDS             (222)

KUSJ     6 44 253 eP     32 48.50  -2.9
                  eS     33 57.80
HOOJ     7.69 251 eP     33 08.20  -0.7
                  eS     34 31.40
MAT     14.26 237 eP     34 40.00   2.0X
YAK     21.54 329 iPd    36 03.40  -1.1
        0.8s    78.00nm          5.2mb
                  e      40 00.00
BJI     27.50 272 eP     37 06.00   4.3X
FBA     37.30  37 P      38 26.50  -0.3
        0.8s     2.76nm          4.2mb
LZH     37.97 274 eP     38 39.80   6.8X
        1.5s    28.00nm          4.9mb
                  pP     38 53.00  50kmX
INK     42.88  32 eP     39 13.50   0.7
CHTO    51.81 258 (P)    40 23.80   0.4
GUN     55.15 276 P      40 49.40   0.9
        1.0s    30.00nm          5.3mb
KKN     55.64 276 P      40 53.00   1.1
        0.8s    27.00nm          5.3mb
PKI     55.68 276 P      40 53.20   0.9
DMN     55.87 276 P      40 55.00   1.4
GKN     55.96 277 P      40 55.20   1.1
        0.7s    15.00nm          5.1mb
PNT     56.10  52 eP     40 54.00  -0.7
NEW     58.06  52 P      41 08.50  -0.1
        0.9s     6.14nm          4.7mb
FFC     61.85  39 iPd    41 34.20  -0.2
        0.7s    13.00nm          5.2mb
LRM     62.07  52 eP     41 36.50   0.1
TNP     63.99  61 P      41 48.80  -0.3
        0.7s     2.44nm          4.4mb
KAF     64.76 335 eP     41 51.30  -2.2
BW06    65.60  53 P      41 59.10  -0.3
        1.0s     4.50nm          4.5mb
OBN     66.51 326 eP     42 04.00  -0.7
                  e      42 11.00
NUR     66.52 335 iP     42 06.10   1.4
        0.6s     5.70nm          4.8mb
WRA     67.15 199 P      42 09.60   0.5
        0.7s     0.60nm          3.8mb
SRU     67.40  57 P      42 10.30  -0.6
RSSD    67.76  49 P      42 12.20  -0.9
        0.5s     6.49nm          5.0mb
NB2     69.60 341 P      42 24.20   0.2
        0.9s     5.20nm          4.6mb
HFS     69.82 340 eP     42 24.90  -0.3
        0.5s     2.60nm          4.6mb
ANMO    72.60  58 P      42 43.20   0.6
        1.0s     3.25nm          4.3mb
KHC     79.55 334 eP     43 23.10   1.8
                  e      43 26.70
GEC2    79.76 334 PKP    43 23.10   0.5
        0.6s     0.45nm          3.7mb X
     S.D. = 1.1  on  28 of  31 obs.
-----------------------------------
*  FEB  17, 1992  16h 24m 47.98± 1.05s
   22.253 S ± 9.5km   69.128 W ±18.9km
   DEPTH = 197.8 ± 28.6 km
 NORTHERN CHILE                    (123)

ANT      1.87 219 iP     25 25.70   0.4
                  iS     25 48.30
SLA      4.15 127 iPc    25 51.50  -0.8
LPB      5.77  10 P      26 15.00   1.6
ARE      6.18 338 eP     26 17.00  -1.6
                  iS     27 25.50
CYA      6.86 155 eP     26 27.00  -0.2
RFA     12.49 177 eP     27 40.60   0.5
     S.D. = 1.7  on   6 of   6 obs.
-----------------------------------
   FEB  17, 1992  16h 52m 40.83± 0.21s
   44.497 N ± 3.0km  114.768 W ± 2.1km
   DEPTH =   5.0km  (geophysicist)
 WESTERN IDAHO                     ( 33)
      ML 4.3 (GS), 4.3 (BUT).

MCMT     1.41  76 iPd    53 07.80   0.4
HPI      1.44 123 iPc    53 07.53  -0.3
                  eS     53 27.28
LTMT     1.90  88 iPd    53 15.10   0.6
HBMT     2.00  49 iPnc   53 16.30   0.3
BGMT     2.07  68 ePnd   53 17.00   0.0
LRM      2.11  50 ePn    53 17.60   0.1
BUT      2.17  45 iPg    53 22.70   4.4X
                  iSn    53 46.70
                  iSg    53 51.00
PTI      2.38 132 ePd    53 21.14  -0.2
                  eS     53 53.08
LNOR     2.84 300 P      53 28.51   0.8
MEMT     2.91  66 ePn    53 28.80  -0.1
SXM      3.01  55 ePn    53 30.40   0.2
HRY      3.03  42 iPnd   53 30.00  -0.4
HVU      3.08 151 ePn    53 30.81  -0.4
                  ePg    53 33.29
                  eS     54 13.68
WG3      3.27 299 P      53 34.86   1.1
ET3      3.59 307 P      53 39.51   1.2
WIW      3.72 303 P      53 40.53   0.3
JBO      3.72 287 P      53 41.35   1.1
PATW     3.79 293 P      53 41.28   0.1
MJ2      3.83 304 P      53 43.07   1.3
PRW      3.87 298 P      53 41.72  -0.6
RSW      3.89 301 P      53 42.59   0.0
GBL      3.91 304 P      53 42.96   0.1
LOCW     3.95 306 P      53 43.42   0.0
CRF      3.99 307 P      53 44.12   0.2
MDW      4.10 303 P      53 45.55   0.1
NEW      4.10 337 ePn    53 45.00  -0.6
                  eSn    54 39.00
DPW      4.13 326 ePn    53 45.95  -0.1
                  eS     54 51.30
BW06     4.16 113 ePn    53 48.00   1.5
                  eS     54 53.00
VIPM     4.19 272 P      53 46.76  -0.1
BVW      4.27 305 P      53 48.36   0.4
VGB      4.38 286 eP     53 48.74  -0.9
                  eS     54 58.61
MXC      4.40 300 P      53 50.27   0.4
VTG      4.41 306 P      53 50.19   0.3
CROR     4.46 278 P      53 50.28  -0.4
GL2      4.52 291 P      53 50.53  -1.1
YAKW     4.53 299 P      53 52.36   0.7
DUG      4.54 161 ePn    53 51.00  -0.9
                  ePg    53 58.04
NAC      4.80 300 P      53 55.83   0.2
DAU      4.84 146 e(Pn)  53 55.43  -0.9
                  ic     53 58.31
                  eS     55 18.86
VBEM     4.89 279 P      53 56.88   0.0
DHW2     4.92 317 P      53 56.73  -0.5
ETW      4.96 311 P      53 57.00  -0.9
WPW      5.24 297 P      54 02.05   0.2
FMW      5.41 299 P      54 04.02  -0.4
LON      5.43 297 P      54 04.60   0.1
REMR     5.47 298 P      54 05.13  -0.1
RVC      5.61 298 P      54 07.73   0.8
RMW      5.73 304 P      54 07.94  -0.8
PNT      5.85 327 P      54 11.00   0.7
HTW      5.88 307 P      54 08.40  -2.4
SRU      6.25 148 eP     54 15.61  -0.5
MSU      6.29 161 eP     54 17.98   1.2
GMW      6.36 301 e(P)   54 16.88  -0.7
SES      6.42  22 P      54 17.00  -1.4
        0.5s    12.00nm          5.1mb X
TNP      6.67 197 eP     54 22.31   0.2
                  eS     56 04.42
BONR     7.06 203 eP     54 30.02   2.4X
                  eS     56 15.76
FFC     13.15  34 eP     55 55.00   4.2X
     S.D. = 0.7  on  54 of  57 obs.
-----------------------------------
   FEB  17, 1992  17h 18m 57.76± 0.48s
   40.671 N ± 5.0km   21.840 E ± 3.9km
   DEPTH =  10.0km  (geophysicist)
 GREECE                            (364)
      ML 2.5 (SKO).

FNA      0.37 288 ePg    19 04.37  -1.0
                  eSg    19 10.14
GRG      0.51  56 ePg    19 08.21   0.0
                  eSg    19 16.62
LIT      0.76 139 ePg    19 11.30  -1.2
                  eSg    19 23.46
VAY      0.85  40 iPn    19 14.00  -0.2
                  iSn    19 27.60
                  iSg    19 30.40
THE      0.86  92 ePg    19 14.42   0.2
                  eSg    19 27.50
OHR      0.90 299 iPg    19 14.30  -0.8
                  iSg    19 28.90
KNT      0.94  58 ePg    19 15.85   0.2
                  eSg    19 29.46
SOH      1.16  82 ePb    19 19.33  -0.1
                  eSb    19 36.37
SKO      1.33 347 iPnd   19 23.30   0.9
                  i      19 24.50
                  iSn    19 41.00
                  iSg    19 43.20
SRS      1.40  71 ePb    19 23.33   0.0
                  eSb    19 43.46
PAIG     1.59 117 ePb    19 25.73  -0.3
                  eSb    19 46.73
IGT      1.62 226 ePb    19 28.33   1.9
                  eSb    19 47.85
OUR      1.67 101 ePb    19 27.62   0.5
                  eSb    19 50.85
AGG      1.69 167 ePb    19 27.50   0.0
                  eSb    19 50.66
     S.D. = 0.9  on  14 of  14 obs.
-----------------------------------
*  FEB  17, 1992  18h 00m 26.48± 2.14s
   44.170 N ± 6.7km  113.926 W ±23.4km
   DEPTH =   5.0km  (geophysicist)
 EASTERN IDAHO                     (457)
      ML 3.1 (GS), 3.2 (BUT).

HPI      0.75 127 iPnd   00 41.88   0.1
                  eS     00 52.08
MCMT     1.01  49 iPc    00 46.50   0.2
LTMT     1.35  74 ePn    00 53.10   0.9
BGMT     1.71  51 ePn    00 57.80   0.4
PTI      1.72 138 e(P)   00 55.03  -2.4
                  eS     01 19.29
HBMT     1.87  30 ePn    00 59.50  -0.2
LRM      1.96  32 ePnc   01 00.10  -0.8
BUT      2.08  27 ePg    01 07.50   4.9X
                  eSn    01 29.50
                  eSg    01 33.40
HVU      2.53 160 ePn    01 10.88   1.8
                  eS     01 44.31
SXM      2.76  43 ePn    01 12.40   0.0
HRY      2.94  29 ePn    01 14.90   0.1
     S.D. = 1.2  on  10 of  11 obs.
-----------------------------------
*  FEB  17, 1992  18h 16m 04.85± 1.84s
   31.378 S ±10.3km   69.157 W ±14.6km
   DEPTH = 123.9 ± 19.5 km
 SAN JUAN PROVINCE, ARGENTINA      (137)

ZON      0.44 112 eP     16 23.00  -0.2
                  eS     16 38.00
RTLL     0.59  85 iPc    16 23.80  -0.3
                  S      16 37.20
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RTRS     1.23 348 iPc    16 30.00    0.1
                  S      16 49.00
MDZ      1.52 170 iP     16 34.10    0.9
MRA      3.11 110 iPd    16 53.80    0.5
RFA      3.43 170 eP     16 57.00   -0.8
                  S      17 30.70
TCA      3.91  91 eP     17 04.00   -0.2
     S.D. = 0.8  on   7 of   7 obs.
-----------------------------------------
?  FEB  17, 1992  18h 17m 10.99± 1.33s
   34.873 N ±10.4km    3.516 W ±14.0km
   DEPTH =  10.0km  (geophysicist)
 MOROCCO                              (395)
      MD 3.8 (RBA). mbLg 3.0 (MDD).

EMEL     0.63  47 iPg    17 25.40    1.8
                  eSg    17 31.50
IFR      1.90 225 iPn    17 45.00    1.1
                  i      17 48.50
                  i      17 50.00
                  iSn    18 12.50
EGUA     1.96 359 ePn    17 42.40   -2.2
                  eSn    18 02.20
OJEN     2.05 307 eP     17 50.00    4.0X
PLAT     2.21 305 eP     17 50.00    1.7
EJIF     2.24 315 ePn    17 51.30    2.7X
                  eSn    18 16.50
ECOG     2.40 359 ePn    17 50.00   -1.0
                  eSn    18 12.00
ALJ      2.47 317 eP     17 52.00    0.0
EPRU     2.51 327 iPn    17 53.50    1.0
                  iSn    18 22.20
EHOR     3.26 335 ePn    18 02.30   -0.8
                  eSn    18 38.00
AVE      3.60 245 iPn    18 09.00    1.1
                  i      18 18.00
                  iSn    18 59.00
TIO      5.04 220 iPn    18 26.00   -2.5
                  iSn    19 26.00
     S.D. = 1.8  on  10 of  12 obs.
-----------------------------------------
*  FEB  17, 1992  18h 27m 29.55± 0.95s
   36.553 S ± 9.6km  177.264 E ±12.7km
   DEPTH = 310.4 ±  8.2 km
   4.3mb (  2 obs.)
 OFF E. COAST OF N. ISLAND, N.Z.  (160)

KUZ      1.26 261 P      28 11.10   -1.5
                  eS     28 42.90
HBZ      1.33 142 P      28 11.70   -1.3
URZ      1.71 184 P      28 14.80   -0.6
                  S      28 49.40
PUZ      1.71 153 P      28 14.80   -0.7
                  S      28 48.20
WLZ      1.86 226 P      28 17.20    0.7
PATZ     1.99 203 eP     28 18.50    0.9
NOZ      2.15 164 P      28 18.90    0.2
PAHZ     2.31 184 P      28 20.60    0.5
WHH      2.41 194 P      28 20.80   -0.2
MOH      2.58 182 P      28 23.10    0.7
MAHZ     2.68 170 P      28 24.30    1.0
MOZ      2.76 224 eP     28 25.90    1.8
RUZ      2.99 210 P      28 27.30    1.0
TTH      3.00 186 eP     28 27.20    0.8
WAHZ     3.22 193 P      28 28.80    0.2
TEHZ     3.45 186 P      28 31.10    0.2
BSZ      3.73 209 eP     28 34.30    0.5
PGZ      4.13 191 eP     28 37.90   -0.3
MNG      4.29 198 P      28 39.50   -0.5
                  eS     29 35.00
WEL      5.11 202 eP     28 48.90   -0.3
QRZ      5.65 220 eP     28 54.30   -1.3
THZ      6.21 212 P      29 02.00   -0.2
KHZ      6.53 205 P      29 05.70   -0.2
DSZ      6.70 218 P      29 06.70   -1.4
LTZ      7.32 210 P      29 14.90   -0.7
MQZ      7.97 205 P      29 22.80   -0.7
ODZ      9.85 209 P      29 47.40    0.8
WB2     40.90 282 iPd    34 43.90    0.2
        0.3s    12.90nm          4.6mb
WRA     40.91 282 P      34 44.30    0.5
        0.5s     3.70nm          3.9mb
     S.D. = 0.9  on  29 of  29 obs.
-----------------------------------------
   FEB  17, 1992  19h 23m 14.09± 0.19s
   46.754 N ± 2.1km    9.481 E ± 1.9km
   DEPTH =  10.0km  (geophysicist)
 SWITZERLAND                          (544)
      ML 4.5 (FUR), 4.2 (VIE). MD 3.8
      (TRI).

VDL      0.27 182 iPc    23 18.50   -1.3
LLS      0.35 289 iPd    23 20.80   -0.6
OSS      0.46  98 iPc    23 21.40   -2.1
TMA      0.77 213 iPc    23 27.80   -1.5
MDI      0.99 171 P      23 31.50   -1.3
                  eSg    23 43.10
VAI      1.02 209 P      23 32.40   -0.9
                  eSg    23 49.20
ZLA      1.04 315 iPd    23 34.70    0.9
OGA      1.07  83 iPgc   23 32.50   -1.8
SLE      1.22 327 iPd    23 37.80    1.1
MMK      1.26 237 iPc    23 36.70   -1.0
SOTA     1.27  68 iPgc   23 36.40   -1.4
                  i      23 40.30
                  iSg    23 53.40
SAL      1.36 147 P      23 38.70   -0.3
                  eSn    23 57.10
FEL      1.50 319 ePn    23 41.85    0.7
BBS      1.52 299 Pn     23 42.40    1.0
                  Sg     24 05.75
ORX      1.53 223 P      23 41.73    0.1
                  S      24 00.93
ORO      1.54 223 P      23 40.20   -1.5
                  eSn    24 01.50
DIX      1.58 246 iPd    23 42.80    0.3
CTI      1.66 114 P      23 43.50    0.1
                  eSn    24 04.40
FUR      1.86  40 iPnc   23 46.80    0.5
EMS      1.89 250 iPd    23 49.30    2.4
LOMF     1.91 289 Pn     23 47.92    0.9
BOB      1.99 181 Pd     23 49.30    1.1
LSD      2.07 232 P      23 49.73    0.1
                  S      24 15.86
BSF      2.12 301 Pn     23 50.70    0.5
                  Pg     23 57.20
                  Sg     24 26.30
ECH      2.15 314 Pn     23 50.72    0.2
VVI      2.18 110 P      23 53.90    3.0X
CDF      2.23 319 Pn     23 51.92    0.2
                  Sg     24 31.01
RSP      2.23 225 P      23 49.57   -2.2
                  S      24 15.37
LPG      2.28 237 Pn     23 54.10    1.5
                  Sg     24 30.70
LPL      2.28 238 Pn     23 54.20    1.7
FVI      2.28  93 Pc     23 54.20    1.9
                  eSn    24 24.10
PCP      2.31 197 P      23 52.57   -0.2
BHB      2.46 220 P      23 53.01   -1.9
HAU      2.47 302 Pn     23 55.40    0.4
                  Sg     24 37.30
CKI      2.48 200 P      23 55.90    0.8
                  eSn    24 25.00
BHG      2.51  66 iPnc   23 56.30    0.7
BNI      2.60 230 P      23 58.00    1.1
RRL      2.63 227 P      23 59.34    1.8
KBA      2.67  82 iPnc   23 59.80    1.8
                  iPg    24 02.00
                  iSg    24 36.80
FIN      2.70 200 P      23 58.41    0.1
MME      2.70 161 Pc     23 59.90    1.3
ROB      2.71 205 P      23 58.20   -0.3
DOI      2.74 216 P      23 57.20   -1.8
VITF     2.79 303 Pn     24 00.21    0.6
PZZ      2.80 217 P      23 57.80   -2.1
BDI      2.80 163 Pc     24 00.90    1.0
                  eSn    24 31.50
TOD      2.89 351 ePn    24 08.71    7.7X
ENR      2.91 211 P      24 00.28   -1.1
                  S      24 34.41
STV      2.93 212 P      24 00.16   -1.5
IMI      3.06 202 P      24 04.16    0.8
SAOF     3.08 207 Pn     24 04.14    0.4
AUTN     3.12 208 Pn     24 05.75    1.4
PII      3.12 166 P      24 04.50    0.3
VOY      3.14 102 ePn    24 04.50   -0.1
                  e      24 05.80
                  eSn    24 41.60
                  eSg    24 51.50
TRI      3.15 108 ePn    24 06.10    1.5
                  iPg    24 11.30
                  iSn    24 41.50
                  iSb    24 50.00
                  iSg    24 51.70
TOUF     3.16 211 Pn     24 04.22   -0.8
GRF      3.16  21 iPnd   24 02.50   -2.3
                  iPgc   24 13.30
                  iSg    24 54.40
FIR      3.23 157 e(Pn)  24 12.00    6.2X
                  i(Sn)  24 47.00
SBF      3.23 207 Pn     24 06.64    0.7
AURF     3.24 209 Pn     24 06.40    0.3
PGD      3.28 150 P      24 08.20    1.4
SFI      3.29 149 P      24 07.40    0.8
                  eSn    24 45.00
MVIF     3.30 211 Pn     24 06.77   -0.2
WET      3.31  42 iPnc   24 05.70   -1.3
RUP      3.36 332 ePn    24 08.38    0.6
KMR      3.42  66 iPn+   24 16.40    7.9X
                  iSn    24 57.00
CALN     3.52 212 Pn     24 10.02    0.0
GEC2     3.53  52 Pn     24 09.40   -0.8
                  Pg     24 20.90
                  Sg     25 11.90
TNS      3.54 349 iPnc   24 08.90   -1.3
                  ePb    24 15.80
                  eSn    24 47.00
                  eSb    25 00.20
                  iSg    25 08.50
LJU      3.57 100 ePn    24 11.50    0.9
                  eSn    24 56.00
CEY      3.58 105 e(Pn)  24 14.00    3.2X
                  e      24 15.40
                  eSn    24 51.50
CRE      3.58 150 P      24 11.60    0.7
KHC      3.64  48 iPn    24 10.80   -0.9
                  iPg    24 22.00
                  Sn     24 54.00
                  Sg     25 05.90
WLF      3.67 324 iPd    24 13.00    1.0
                  iS     25 15.00
RIY      3.70 111 e(Pn)  24 13.50    1.1
FRF      3.77 213 Pn     24 13.20   -0.3
                  Sn     24 57.50
LBF      3.78 275 Pn     24 14.10    0.4
                  Sg     25 14.20
LOR      3.88 280 Pn     24 17.30    2.2
                  Sg     25 20.40
SMF      3.88 270 Pn     24 15.60    0.5
                  Pg     24 27.00
                  Sg     25 21.00
LRG      3.97 215 Pn     24 16.30    0.0
NKC      4.00  28 Pn     24 56.30   39.6X
                  Pg     24 59.50
                  eSn    25 13.00
                  eSg    25 19.00
LMR      4.02 213 Pn     24 16.70   -0.2
CDR      4.05 222 ePn    24 18.40    1.0
                  e      24 34.90
                  eSn    25 05.40
                  e      25 09.10
ARV      4.07 142 P      24 17.40   -0.4
                  eSn    25 03.80
SSF      4.11 276 Pn     24 18.80    0.6
                  Pg     24 32.00
                  Sg     25 24.60
MOX      4.14  19 iPn    24 15.60   -3.1X
     Z  11s      0.40um
     N  10s      0.60um
                  iPg    24 31.00
                  iSn    25 04.00
                  iSg    25 24.90
VBY      4.21 105 ePn    24 20.50    0.9
                  iSn    25 11.20
                  i(Sg)  25 25.50
AVF      4.21 273 Pn     24 20.10    0.4
                  Pg     24 34.20
                  Sg     25 27.70
ASS      4.32 147 P      24 20.70   -0.7
BNS      4.48 341 e(Pn)c24 23.20    -0.3
     1.1s    93.00nm
                  i(Sg)  25 40.10
MEM      4.49 330 iPd    24 23.49   -0.2
PTJ      4.57  98 iPn    24 26.90    2.0
                  iSn    25 23.10
BGF      4.57 270 Pn     24 23.80   -1.1
                  Pg     24 39.50
                  Sg     25 40.80
ZAG      4.60  99 ePn    24 27.00    1.7
ENN      4.65 331 iPnc   24 26.20    0.2
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17d 19h

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        0.9s    46.00nm
DOU     4.66 318 Pc     24 26.50   0.3
                e       24 34.70
PRU     4.67  44 Pn     24 24.80  -1.5
        0.7s    91.60nm
                Pg      24 38.80
                e       25 17.50
                Sg      25 40.00
MAF     4.81 266 Pn     24 27.30  -0.9
                Pg      24 45.00
                Sg      25 52.00
VKA     4.87  69 iPnc   24 28.40  -0.8
                iPg     24 46.60
                iSn     25 22.40
                iSg     25 51.50
MNS     4.93 151 P      24 29.30  -0.7
TCF     5.04 267 Pn     24 30.80  -0.7
                Sg      25 54.60
BRG     5.07  34 ePn    24 32.00   0.1
                i       24 38.00
SNF     5.10 319 iPc    24 33.00   0.7
CLL     5.11  26 ePg    24 52.00  19.5X
                iSg     25 56.80
ZST     5.37  72 e(Pn)  24 36.10   0.0
                i       24 57.80
                e       25 35.10
                i       25 48.40
                Lg      26 12.00
CAF     5.50 253 Pn     24 36.90  -1.1
LSF     5.51 268 Pn     24 37.70  -0.5
WTS     5.53 343 ePn    24 42.00   3.6X
        0.5s    4.00nm          4.3mb X
KSP     6.08  45 ePn    24 44.20  -2.0
        0.9s    44.00nm         5.2mb X
                ePg     25 04.50
                eSn     25 42.70
                i       26 26.10
SRO     6.10  77 eP     25 05.70  19.3X
MFF     6.63 272 Pn     24 53.00  -0.9
LDF     6.74 289 Pn     24 56.10   0.6
FLN     7.01 290 Pn     24 58.10  -1.1
GRR     7.18 287 Pn     25 00.00  -1.7
LPF     7.26 284 Pn     25 01.70  -1.0
      S.D. = 1.1  on 105 of 115 obs.
-----------------------------------
?  FEB  17, 1992  19h 44m 39.02± 1.11s
   47.438 N ±22.7km  152.422 E ±19.5km
   DEPTH =  33.0km  (normal)
   3.7mb (  3 obs.)
 KURIL ISLANDS                    (221)

YKA     50.66  37 eP     53 35.50  -1.1
        1.0s    0.70nm          3.6mb
GUN     54.48 274 P      54 06.40   0.4
KKN     54.96 274 P      54 08.60  -0.8
PKI     55.01 274 P      54 09.80  -0.1
DMN     55.19 274 P      54 10.80  -0.4
GKN     55.26 275 P      54 11.00  -0.5
NB2     67.42 341 P      55 34.80   1.8
        0.7s    1.20nm          4.1mb
WRA     69.01 198 P      55 43.80   0.6
        1.0s    0.50nm          3.5mb
      S.D. = 1.1  on   8 of   8 obs.
-----------------------------------
*  FEB  17, 1992  19h 56m 55.44± 1.31s
   45.206 N ±25.2km  151.549 E ±17.5km
   DEPTH =  33.0km  (normal)
   4.8mb ( 15 obs.)
 KURIL ISLANDS                    (221)

ASAJ    6.45 263 eP     58 31.80   1.3
MRRJ    8.07 254 eP     58 53.10  -0.1
                eS      00 20.30
AOMJ    9.42 244 eP     59 10.60  -1.3
                eS      00 49.80
OFUJ    9.55 234 eP     59 09.30  -4.4X
                eS      00 49.40
MAT    13.28 234 eP     00 14.00   9.9X
BJI    26.40 271 eP     02 31.00   0.5
        1.2s   13.00nm          4.4mb
      Z 16s    0.29um          3.9MszX
LZH    36.86 273 Pc     04 02.60   0.0
        1.0s   13.00nm          4.8mb
FBA    38.05  37 eP     04 12.80   0.8
INK    43.54  31 eP     04 57.00  -0.1
CHTO   50.70 257 eP     05 54.30   0.4
YKA    52.81  36 eP     06 08.30  -1.0
        0.9s    0.90nm          3.7mb X
GUN    54.05 275 P      06 19.20  -0.1
KKN    54.54 275 P      06 22.60  -0.2
PKI    54.59 275 P      06 22.80  -0.5
DMN    54.78 275 P      06 24.40  -0.2
GKN    54.87 276 P      06 25.00  -0.1
WRA    66.70 198 P      07 51.00   5.8X
        0.7s    1.00nm          4.0mb
NB2    69.33 341 P      07 59.30  -1.9
        0.8s    4.80nm          4.6mb
HFS    69.51 339 eP     07 59.90  -2.4
        0.5s    5.10nm          4.8mb
CLL    77.41 335 iPc    08 47.20  -1.2
        1.3s   17.00nm          4.9mb
BRG    77.50 334 eP     08 48.60  -0.4
PRU    78.09 333 P      08 52.00  -0.2
KHC    79.14 333 P      08 57.70  -0.4
        1.0s    5.40nm          4.5mb
GEC2   79.35 333 ePd    08 57.80  -1.5
        0.7s    0.99nm          3.9mb
GRF    79.37 335 eP     08 59.50   0.3
GRR    83.71 342 eP     09 21.90   0.0
        0.9s    9.85nm          5.0mb
SSF    83.91 339 eP     09 24.30   1.3
        0.9s    5.75nm          4.7mb
LPF    84.09 342 eP     09 24.20   0.4
AVF    84.20 339 eP     09 24.50   0.1
SMF    84.21 338 eP     09 24.90   0.4
        0.9s    9.00nm          4.9mb
LPL    84.45 336 eP     09 27.30   1.3
        0.9s    7.35nm          4.9mb
LPG    84.46 336 eP     09 27.20   1.0
BGF    84.55 339 eP     09 26.70   0.5
MAF    84.93 339 eP     09 28.80   0.7
        0.7s    4.40nm          4.8mb
LSF    85.16 340 eP     09 29.70   0.4
        0.9s    7.35nm          4.9mb
MFF    85.23 341 eP     09 30.10   0.5
RJF    86.05 339 eP     09 34.20   0.4
CAF    86.27 339 eP     09 35.80   0.9
        0.9s    6.55nm          4.9mb
LFF    86.59 340 eP     09 37.00   0.6
      S.D. = 0.9  on  36 of  39 obs.
-----------------------------------
&  FEB  17, 1992  20h 38m 03.71s
   60.685 N          152.024 W
   DEPTH =  B1.0km
 SOUTHERN ALASKA                  (  2)
      <AEIC>.

XLV     1.24 173 eP     38 24.69  -1.4
                S       38 43.10
SKT     1.32  10 eP     3B 25.46  -1.7
                S       38 45.03
PMS     1.33  64 iP     38 26.47  -0.8
                S       38 44.12
PDB     1.41 231 eP     38 26.59  -1.6
                eS      38 45.33
PWA     1.42  46 eP     38 27.85  -0.5
                S       38 47.82
KNK     1.88  66 iP     38 32.31  -2.3
                eS      38 54.58
MCNL    1.90 219 eP     38 33.32  -1.5
CUT     1.92  25 eP     38 33.78  -1.3
                S       38 58.37
SML     2.11  56 eP     38 35.40  -2.3
KNIM    2.15  97 eP     38 37.04  -1.2
       10 obs. associated
-----------------------------------
?  FEB  17, 1992  21h 27m 26.97± 1.90s
   44.386 N ±36.8km  152.724 E ±25.1km
   DEPTH =  33.0km  (normal)
   4.6mb (  4 obs.)
 EAST OF KURIL ISLANDS            (222)

KUSJ    5.95 260 iP+    28 52.20  -2.8
                S       29 50.30
HOOJ    7.16 257 P      29 11.90  -0.1
                eS      30 24.00
MRRJ    8.71 261 eP     29 32.20  -1.3
                eS      30 59.20
OFUJ    9.81 241 P      29 49.50   0.7
                eS      31 30.30
AOMJ    9.89 252 eP     29 49.90   0.0
                eS      31 29.00
BJI    27.27 274 eP     33 11.00   1.0
SDN    31.50  53 eP     33 45.24  -2.4
CHTO   51.34 258 eP     36 32.80   2.5
NB2    70.38 341 P      38 38.80  -0.4
        0.7s    3.60nm          4.5mb
HFS    70.58 340 eP     38 39.50  -0.8
        0.4s    2.90nm          4.7mb
CLL    78.50 336 eP     39 27.00   1.0
        1.1s   10.00nm          4.7mb
KHC    80.25 334 eP     39 37.50   2.0
GEC2   80.46 334 ePc    39 37.30   0.6
        0.5s    0.49nm          3.8mb
      S.D. = 1.7  on  13 of  13 obs.
-----------------------------------
*  FEB  17, 1992  21h 43m 49.41± 0.63s
   0.697 N ±10.9km  126.672 E ±10.5km
   DEPTH =  33.0km  (normal)
   4.8mb (  3 obs.)
 NORTHERN MOLUCCA SEA             (266)

PCI     7.02 257 ePc    45 34.50   2.0
                eS      45 51.40
WB2    21.85 160 iPd    48 42.10   0.9
        0.8s   60.30nm          5.1mb
                iS      52 43.20
GUMO   22.10  54 eP     48 44.20   0.5
GUA    22.11  54 eP     48 44.50   0.7
MBL    22.73 197 eP     48 48.00  -1.9
OIS    24.63 150 iPd    49 11.50   3.2X
        0.7s   25.00nm          4.9mb
WARB   26.72 180 eP     49 28.00   0.1
CHTO   32.62 305 eP     50 20.30  -0.2
        1.0s    5.00nm          4.4mb
BJI    40.31 348 eP     51 29.00   3.7X
CAN    41.46 152 eP     51 38.50   3.6X
HYB    50.14 292 eP     52 43.00  -1.1
MAIO   71.31 308 eP     55 08.00  -0.2
TTA    83.62  27 (P)    56 14.96  -0.8
      S.D. = 1.2  on  10 of  13 obs.
-----------------------------------
*  FEB  17, 1992  21h 53m 55.98± 1.56s
   36.634 N ± 5.9km   11.741 W ±14.4km
   DEPTH =  10.0km  (geophysicist)
 NORTH ATLANTIC OCEAN             (402)
      MD 3.5 (RBA). mbLg 3.4 (MDD).

AVE     4.87 132 iPn    55 11.50   0.5
                iSn     56 00.50
                i       56 02.50
EJIF    5.05  90 ePnc   55 14.77   1.2
                eSn     56 09.30
PTO     5.12  28 iPnd   55 15.20   0.7
                Sn      56 08.00
EPRU    5.23  84 iPnc   55 16.93   0.7
                eSn     56 13.60
EHOR    5.32  75 iPnc   55 17.69   0.4
                iSn     56 14.10
EPLA    5.61  51 ePnd   55 21.98   0.4
                eSn     56 21.40
EZAM    5.99  22 iPnd   55 27.09   0.3
                iSn     56 31.40
IFR     6.25 118 iPn    55 29.50  -1.2
                iSn     56 33.00
                i       56 34.00
EBAN    6.51  74 iPnc   55 34.00  -0.3
                iSn     56 43.20
EGUA    6.57  86 iPnc   55 34.82  -0.2
                iSn     56 46.20
ECOG    6.58  82 iPnc   55 35.40   0.2
                eSn     56 45.60
TIO     6.80 145 iPn    55 38.40   0.0
                iSn     56 47.50
GUD     7.16  54 iPnc   55 42.90  -0.5
                iSn     56 5B.80
EMON    7.59  25 ePnc   55 48.70  -0.6
                eSn     57 10.00
EVIA    7.60  72 iPnc   55 48.47  -1.1
                iSn     57 10.00
EPF    11.27  52 Pn     56 39.40  -0.7
                Sn      58 36.00
      S.D. = 0.7  on  16 of  16 obs.
-----------------------------------
*  FEB  17, 1992  22h 19m 44.17± 0.61s
   8.724 S ± 7.2km  124.052 E ±11.8km
   DEPTH =  33.0km  (normal)
   4.3mb (  4 obs.)
 TIMOR REGION, INDONESIA          (289)

MBL    13.02 198 eP     22 50.10   0.6
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        0.3s     16.00nm          5.6mb X
                   eS     25 04.00
WB2    14.96 139 iPc     23 13.90   -1.1
        0.3s     92.40nm          5.6mb X
                   iS     25 49.10
NANU   16.01 210 eP      23 30.00    1.4
        0.3s      5.00nm          4.2mb
                   eS     26 18.00
WARB   17.54 172 eP      23 49.70    1.8
        0.3s      6.00nm          4.2mb
                   eS     26 51.00
QIS    19.08 130 iPc     24 08.20    1.4
                   i      24 10.40
                   iS     27 27.40
MRWA   21.75 199 eP      24 34.00   -0.8
        0.4s      7.00nm          4.4mb
                   eS     28 26.00
COOL   22.21 187 eP      24 38.00   -1.5
FORR   22.34 171 eP      24 40.00   -0.6
BAL    22.83 197 iPd     24 45.20   -0.3
KLB    23.50 194 eP      24 51.50   -0.5
MUN    24.26 196 eP      24 58.70   -0.7
QLP    26.11 135 eP      25 37.20   20.2X
CHTO   36.90 318 ePd     26 53.30    1.4
        1.0s      6.50nm          4.5mb
GUN    51.86 316 P       28 52.20    0.1
        0.6s     30.00nm          5.4mb X
PKI    51.97 315 P       28 52.60   -0.4
        0.5s     28.00nm          5.5mb X
KKN    52.20 315 P       28 54.20   -0.3
        0.5s      9.00nm          5.0mb X
DMN    52.21 315 P       28 54.40   -0.2
GKN    52.77 315 P       28 58.60   -0.2
        0.5s     20.00nm          5.3mb X
     S.D. = 1.0  on  17 of  18 obs.
-----------------------------------------
*  FEB  17, 1992  22h 27m 07.76± 0.66s
   22.732 S ± 6.4km   68.899 W ±12.6km
   DEPTH = 194.2 ± 18.7 km
 NORTHERN CHILE                      (123)

ANT     1.70 235 iP      27 43.30    0.2
                   iS     28 06.70
SLA     3.70 123 iPc     28 06.00   -0.3
LPB     6.21   7 P       28 40.00    1.1
CYA     6.34 154 iPc     28 40.00   -0.1
ARE     6.70 338 eP      28 44.00   -1.1
                   e      29 58.50
RTCB    8.72 179 eP      29 11.50    0.1
CFA     8.86 176 ePd     29 13.20    0.0
TCA     9.39 157 iPd     29 19.80   -0.3
RFA    12.00 178 ePc     29 54.30    0.4
     S.D. = 0.8  on   9 of   9 obs.
-----------------------------------------
*  FEB  18, 1992  00h 06m 34.74± 1.86s
   37.357 S ± 9.9km  176.770 E ±10.2km
   DEPTH = 292.1 ± 16.0 km
 NORTH ISLAND, NEW ZEALAND           (159)

TAZ     0.90 193 P       07 13.80   -0.1
URZ     0.94 163 Pc      07 12.90   -1.3
                   S      07 37.40
KUZ     1.04 306 P       07 14.00   -0.7
WLZ     1.06 242 P       07 14.70   -0.1
PATZ    1.10 201 P       07 14.80   -0.4
HBZ     1.24 102 P       07 15.40   -0.4
PUZ     1.38 122 Pc      07 16.30   -0.4
                   S      07 42.60
PAHZ    1.52 172 P       07 17.50   -0.1
WHH     1.54 188 P       07 17.30   -0.5
NOZ     1.61 142 P       07 18.50    0.4
MOH     1.80 171 P       07 19.80    0.3
MOZ     1.93 233 P       07 21.50    0.9
RUZ     2.10 212 P       07 22.30    0.4
TTH     2.18 179 P       07 23.50    0.9
WAHZ    2.36 188 P       07 24.40    0.1
WCZ     2.41 305 P       07 26.00    1.4
TEHZ    2.63 179 P       07 27.80    1.1
PGZ     3.28 187 eP      07 33.70    0.6
MNG     3.41 197 P       07 34.40   -0.1
                   S      08 16.10
KIW     3.79 202 P       07 38.60    0.0
MTW     3.92 194 P       07 39.80   -0.3
CAW     3.97 199 P       07 40.70    0.0
AMW     4.02 191 P       07 41.60    0.4
DIW     4.09 212 P       07 42.00    0.0
MOW     4.23 196 P       07 43.60    0.1
TCW     4.31 206 P       07 44.40    0.0
QRZ     4.78 222 eP      07 48.60   -1.3
THZ     5.32 213 eP      07 56.20   -0.1
KHZ     5.63 205 P       08 00.50    0.6
DSZ     5.83 220 eP      08 01.20   -1.1
MQZ     7.08 205 P       08 17.40   -0.1
                   S      09 34.00
     S.D. = 0.7  on  31 of  31 obs.
-----------------------------------------
?  FEB  18, 1992  00h 15m 40.50± 7.75s
   46.788 N ±53.0km    0.913 W ±68.8km
   DEPTH =    5.0km  (geophysicist)
 FRANCE                              (538)

MFF     0.56 109 Pg      15 50.50   -1.2
                   Sg     15 58.10
LPF     1.25 356 Pg      16 02.80   -1.3
                   Sg     16 18.30
GRR     1.60   1 Pg      16 08.80   -0.7
                   Sg     16 29.30
LSF     1.77 107 Pg      16 13.10    1.1
                   Sg     16 35.60
LDF     1.88  16 Pg      16 14.50    0.9
                   Sg     16 37.40
FLN     2.00   8 Pg      16 16.50    1.2
                   Sg     16 41.40
LFF     2.18 147 Pg      16 23.20    5.3X
                   Sg     16 48.60
TCF     2.21 102 Pg      16 21.30    2.9X
                   Sg     16 49.30
LPO     2.57 144 Pg      16 30.80    7.4X
                   Sg     17 00.80
     S.D. = 1.6  on   6 of   9 obs.
-----------------------------------------
   FEB  18, 1992  00h 16m 27.38± 0.50s
   39.878 N ± 5.2km   24.332 E ± 4.0km
   DEPTH =  10.0km  (geophysicist)
   4.2mb (  3 obs.)
 AEGEAN SEA                          (365)
      ML 4.4 (ATH).

PAIG    0.50 276 ePg     16 36.76   -0.8
                   eSg    16 45.72
SOH     1.20 322 ePb     16 50.28    0.5
                   eSb    17 07.31
THE     1.29 306 ePb     16 51.11   -0.1
                   eSb    17 09.43
SRS     1.36 336 ePb     16 52.40    0.0
                   eSb    17 14.76
LIT     1.43 280 ePb     16 53.03   -0.4
                   eSb    17 12.19
PRK     1.63 112 ePn     16 56.20    0.1
ALN     1.66  52 ePb     16 56.64    0.0
KNT     1.68 320 ePb     16 57.91    0.9
                   eSb    17 22.68
AGG     1.77 242 ePb     16 55.96   -2.3
                   eSb    17 18.19
MMB     1.77 345 iPc     16 58.00   -0.3
GRG     1.83 307 ePb     16 59.08    0.0
                   eSb    17 25.07
RZN     1.83   9 iPc     17 00.00    0.7
KDZ     1.95  25 iPc     17 10.00    9.1X
VAY     1.97 318 iPn     17 01.20    0.1
                   i      17 04.60
                   iSn    17 30.60
                   iSg    17 37.40
KKB     2.20 335 iPc     17 05.00    0.5
PLD     2.24   7 iPc     17 06.00    0.9
DIM     2.35  22 iPd     17 08.00    1.4
FNA     2.43 293 ePn     17 07.66   -0.2
PGB     2.67 357 eP      17 11.00   -0.3
OHR     2.96 296 iPn     17 16.60    1.2
                   iSg    18 07.00
SKO     3.03 315 iPn     17 16.00   -0.2
                   i      17 18.70
                   i      17 24.00
                   i      17 31.00
                   iSn    17 56.60
                   i      18 00.00
                   iSg    18 09.00
                   i      18 13.00
JMB     3.09  33 iP      17 17.00   -0.1
IGT     3.10 265 ePn     17 18.59    1.3
                   eSn    17 54.16
PVL     3.42  12 iP      17 21.00   -0.7
CIN     3.71 127 ePn     17 25.00   -1.0
ITU     3.78  70 ePn     17 31.00    4.1X
                   iSg    18 31.50
GBZT    4.01  75 ePn     17 42.00   11.8X
BUC1    4.64  15 eP      17 56.00   16.9X
BUC     4.72  16 ePd     17 26.00  -14.2X
PSN     4.77  36 eP      17 40.00   -0.9
DRA     4.80 359 ePd     18 03.00   21.7X
CMP     5.41   5 iPd     17 49.00   -1.1
BEO     5.71 331 e(P)    18 05.50   11.2X
                   i      18 20.30
MLR     5.73  11 ePd     17 55.50    0.8
TNR     5.77 360 ePc     17 55.00   -0.1
BRD     5.98  19 eP      17 54.00   -4.0X
ORI     6.06 274 P       18 01.60    2.4
CVO     6.09  12 eP      17 55.00   -4.6X
DEV     6.09 351 ePd     18 01.00    1.4
TDS     6.16 271 P       18 02.50    1.9
VRI     6.24  16 eP      17 59.50   -2.2
MDB     6.26   0 iPc     18 08.00    6.0X
BBTK    6.49  88 eP      18 12.00    6.7X
                   e      18 36.00
SOI     6.70 257 P       18 05.40   -2.8
MGR     6.74 275 P       18 09.00    0.1
HVAR    6.77 302 iPn     18 09.80    0.6
SGO     6.94 279 P       18 09.90   -1.7
KAS     7.33  75 eP      18 23.00    5.9X
BMR     7.82 356 ePd     18 37.00   13.2X
UZD     7.91 330 e(P)    18 57.00   31.9X
SDI     8.19 286 P       18 29.50    0.4
PTJ     8.60 317 eP      18 35.40    0.6
PSZ     8.65 340 e(P)    19 01.00   25.5X
SRO     9.04 333 e(P)    19 08.80   28.0X
                   e      19 14.60
ZST     9.81 330 eP      19 00.70    9.4X
KBA    10.74 316 iPc     19 02.60   -1.8
        1.2s     25.40nm          5.5mb X
                   i      19 33.00
KHC    12.01 324 eP      19 27.00    5.5X
                   e      19 34.10
                   e      20 03.20
OBN    17.30  24 eP      20 27.80   -2.5
        1.0s     18.00nm          4.2mb
                   e      20 31.00
                   e      20 41.80
NB2    22.69 343 P       21 28.60   -1.4
        1.0s      6.00nm          4.0mb
MAIO   27.80  86 eP      22 36.00   17.4X
BCAO   35.67 190 iPd     23 28.60    0.9
        0.5s      5.00nm          4.6mb
CHG    66.54  85 eP      27 22.00    2.2
CHTO   66.54  85 eP      27 21.70    1.9
     S.D. = 1.3  on  44 of  63 obs.
-----------------------------------------
   FEB  18, 1992  01h 32m 33.48± 0.42s
   30.909 S ± 7.4km   65.437 W ± 5.4km
   DEPTH = 189.9 ±  5.2 km
   4.3mb (  7 obs.)
 CORDOBA PROVINCE, ARGENTINA         (141)

TCA     0.84 121 iPd     33 03.00    1.5
MRA     1.52 189 iPd     33 08.50    1.8
CFA     2.50 253 iPd     33 17.20    0.0
RTLL    2.63 260 iPc     33 19.00    0.2
ZON     2.85 256 iPc     33 22.50    1.2
RTCB    2.94 258 iPd     33 22.80    0.4
MDZ     3.51 235 iP      33 29.80    0.4
                   i      34 04.20
                   i      35 11.00
RTBS    3.52 257 iPd     33 31.00    1.6
RTRS    3.55 281 iPd     33 31.10    1.3
                   S      34 13.50
JACH    4.73 247 iP      33 45.00    0.0
PEL     4.98 242 iPc     33 47.70   -0.4
PCH     5.08 237 iPc     33 49.40    0.0
SAN     5.10 239 iPc     33 49.00   -0.7
ROCH    5.17 245 iP      33 50.10   -0.6
CHCH    5.34 234 iPc     33 51.70   -1.1
TACH    5.40 238 iPc     33 51.90   -1.7
CACH    5.41 232 iPc     33 53.50   -0.3
IHA     5.68 247 eP      33 56.30   -0.8
                   e(S)   34 48.00
LCCH    5.79 242 iP      33 57.00   -1.6
LNV     5.89 237 iPc     33 57.40   -2.5
ANT     8.43 327 eP      34 32.00   -1.2
ITB7   11.50  63 e(P)    35 14.00    0.9
ITB1   11.60  60 e(P)    35 13.00   -1.4
ITB    11.65  61 e(P)    35 25.00    9.9X
ARE    15.41 338 eP      36 03.00    0.3
```

PPD	15.42	58	eP	36	01.50	-1.0
			e	36	04.10	
BMA	20.66	72	eP	37	00.80	1.0
BAO	22.04	50	Pc	37	11.60	-1.8
			e	37	21.50	
SPA	59.26	180	iPd	42	18.70	1.7
	0.8s		7.50nm			4.5mb
LHS	66.63	346	P	43	04.40	-1.0
LIC	68.47	68	P	43	15.20	-2.1
GBTN	68.53	344	P	43	15.50	-1.7
TIC	68.73	68	P	43	17.00	-1.8
KIC	68.78	68	P	43	15.00	-4.2X
ELC	71.40	340	P	43	33.10	-1.4
FVM	72.40	340	P	43	39.20	-1.2
	0.7s		18.39nm			4.9mb
MIM	75.86	357	P	44	00.50	0.5
ALQ	76.04	326	P	44	02.60	1.1
	0.8s		7.13nm			4.5mb
PV09	80.17	327	P	44	25.20	1.1
SRU	81.31	326	P	44	30.60	0.7
MSU	81.65	325	P	44	33.00	1.3
SBB	81.80	319	eP	44	33.00	0.7
RSSD	82.58	333	P	44	36.80	0.4
	0.6s		3.77nm			4.3mb
ISA	82.87	319	eP	44	39.00	1.2
BUL	83.23	109	iPd	44	40.60	0.4
	1.0s		6.00nm			4.3mb
BW06	83.77	329	P	44	42.60	0.1
	0.5s		1.31nm			3.9mb
TNP	83.93	321	P	44	44.60	1.3
	0.8s		2.95nm			4.1mb
KRI	85.72	107	iPd	44	53.00	0.3
HPI	86.11	328	P	44	55.50	1.4
LRM	87.45	329	eP	45	01.70	1.2
WB2	125.98	203	iPKPc	51	14.90	0.0
	0.4s		4.40nm			
WRA	125.99	203	PKP	51	15.10	0.2
	0.7s		1.70nm			
GKN	153.82	89	PKP	52	00.00	-3.4X

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

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* FEB 18, 1992 01h 39m 40.92± 1.03s
41.477 N ±14.4km 43.464 E ±12.7km
DEPTH = 33.0km (normal)
4.5mb (2 obs.)
GEORGIA-ARMENIA-TURKEY BORD REG.(367)
Felt (IV) in the Amasya District and (III) at Leninakan, Armenia.

TAB	4.06	146	eP	40	46.00	3.6X
MSL	5.09	183	ePn	40	56.50	-0.5
			eP*	41	06.00	
			eSn	41	54.70	
			eLg	42	17.00	
			eSg	42	20.50	
KAS	7.29	272	eP	41	29.00	1.1
OBN	14.37	344	eP	43	12.00	8.3X
	1.0s		18.00nm			4.6mb
ZST	19.81	299	e(P)	44	14.10	2.8X
GAR	20.62	88	eP	44	20.60	0.5
KSP	20.92	306	eP	44	28.00	5.1X
GEC2	22.14	300	Pc	44	36.00	0.7
	0.7s		0.72nm			3.2mb X
KHC	22.26	300	eP	44	38.50	2.1X
			e	44	48.50	
CLL	23.04	306	e(P)	44	50.00	6.0X
GRF	23.87	301	eP	44	50.00	-2.0
BCAO	43.11	218	iPc	47	39.90	0.1
	0.7s		6.00nm			4.4mb

S.D. = 1.5 on 6 of 12 obs.

FEB 18, 1992 03h 30m 09.83± 0.22s
42.450 N ± 2.8km 14.275 E ± 2.2km
DEPTH = 10.0km (geophysicist)
3.7mb (2 obs.)
CENTRAL ITALY (381)
MD 4.1 (TRI). ML 3.8 (ROM), 3.7 (TTG).

AQU	0.65	262	P	30	22.50	-0.4
			eSg	30	32.70	
AZI	0.78	234	P	30	23.80	-1.1
			eSg	30	34.20	
DUI	0.80	170	P	30	24.00	-1.4
			eSg	30	36.50	
SDI	0.82	205	P	30	23.60	-2.1
			eSg	30	33.50	
MNS	1.18	267	P	30	34.00	2.1
			eSg	30	49.50	
RMP	1.33	242	P	30	34.90	0.5
			eSg	30	50.60	
ASS	1.34	298	P	30	36.50	1.9
			eSn	30	58.00	
RDP	1.35	240	P	30	35.20	0.5
			eSg	30	52.00	
ARV	1.43	317	P	30	38.10	2.2
			eSn	30	58.50	
HVAR	1.76	65	iPn	30	41.40	0.9
SGO	2.04	157	P	30	45.00	0.4
			eSn	31	08.60	
CRE	2.07	305	P	30	46.60	1.5
SFI	2.30	310	P	30	50.50	2.1
			(Sn)	31	21.00	
MAO	2.31	270	P	30	49.30	0.7
PGD	2.35	308	P	30	51.30	2.1
BAI	2.35	124	P	30	49.00	0.0
MGR	2.50	157	P	30	51.40	0.2
FIR	2.58	302	ePn	30	53.00	0.7
			iSn	31	28.00	
BRT	2.70	125	P	30	53.30	-0.8
ORI	2.89	145	P	30	56.90	0.1
RIY	2.89	2	iPn	30	57.10	0.4
PII	3.03	296	P	30	59.90	1.3
CSI	3.07	150	P	31	00.10	0.8
HCY	3.13	89	iPnd	31	00.55	0.5
			iSn	31	35.78	
BDI	3.13	302	P	31	01.70	1.5
			eSn	31	39.40	
VBY	3.13	13	ePn	31	02.60	2.5
			i	31	15.90	
			iSn	31	41.80	
			i	31	43.70	
MME	3.14	305	P	31	02.50	2.1
BRY	3.18	80	iPnd	31	01.73	0.8
			iSn	31	38.10	
TDS	3.20	150	P	31	02.80	1.7
TRI	3.28	354	ePnd	31	01.80	-0.4
			iPg	31	12.40	
			iSn	31	44.40	
			iSg	32	03.30	
CEY	3.29	2	e(Pn)	31	10.50	8.1X
			e(Sn)	31	55.50	
ROI	3.36	148	P	31	04.60	1.2
BDV	3.38	91	iPnd	31	04.17	0.5
			iSn	31	41.58	
LCI	3.48	126	P	31	06.00	0.9
NKY	3.50	82	iPnc	31	06.33	0.8
			iSn	31	45.58	
ZAG	3.58	19	ePn	31	08.00	1.5
			iS	32	04.60	
VOY	3.59	356	iPnd	31	06.90	0.1
			e	31	15.20	
			e	32	13.10	
			eSg	32	25.40	
LJU	3.60	3	ePn	31	07.50	0.7
			e	31	16.50	
			e	31	21.00	
			e	31	51.00	
			e(Sn)	32	04.50	
PTJ	3.66	19	iPn	31	08.30	0.6
			iSn	31	51.30	
TTG	3.69	89	iPnd	31	08.77	0.7
			iSn	31	49.55	
ULC	3.73	96	iPnc	31	08.64	0.0
			iSn	31	49.17	
VVI	3.77	340	P	31	09.60	0.3
PLE	3.86	75	iPnd	31	12.37	1.7
			iSn	31	55.38	
PGF	3.90	273	Pn	31	11.70	0.5
CTI	4.06	333	P	31	13.30	-0.1
			eSn	32	02.20	
SAL	4.16	321	P	31	15.00	0.4
			eSn	32	03.00	
IVA	4.17	82	iPnc	31	15.93	1.0
			iSn	32	01.78	
BOB	4.20	305	P	31	16.50	1.1
PVY	4.21	86	iPnd	31	16.12	0.5
			iSn	32	01.97	
FVI	4.28	346	P	31	17.00	0.6
SOI	4.58	162	P	31	21.20	0.5
PCP	4.66	299	P	31	21.24	-0.8
KBA	4.67	352	iPnd	31	22.30	0.0
			i	31	42.30	
			i	31	52.70	
			i	32	16.60	
MDI	4.67	317	Pd	31	21.50	-0.6
			eSn	32	16.20	
FIN	4.76	294	P	31	24.48	1.1
CKI	4.79	296	P	31	24.10	0.3
OGA	4.99	333	ePn	31	26.90	0.2
ROB	5.02	294	P	31	28.13	1.1
OHR	5.06	103	iPn	31	27.20	-0.4
BEO	5.07	60	ePn	31	50.00	22.3X
UZD	5.16	35	e(P)	31	32.00	3.1X
OSS	5.16	327	ePc	31	30.00	0.9
SBF	5.20	288	Pn	31	29.60	0.0
			Sn	32	32.90	
VAI	5.23	313	P	31	29.00	-0.9
			eSn	32	28.20	
SOTA	5.24	336	iPnc	31	30.90	0.7
			i	31	40.00	
			i	31	48.90	
			i	32	25.70	
			i	32	36.80	
VDL	5.30	321	ePc	31	31.40	0.3
ENR	5.31	292	P	31	32.18	1.1
TMA	5.33	315	ePd	31	30.50	-1.0
SKO	5.34	93	iPn	31	31.80	0.2
			iSn	32	32.80	
BHG	5.36	350	iPnc	31	32.30	0.5
STV	5.38	292	P	31	33.60	1.5
IGT	5.43	120	ePn	31	32.41	-0.4
			eSn	32	30.95	
DOI	5.51	294	P	31	34.40	0.4
ORO	5.54	307	Pc	31	32.40	-2.0
			eSn	32	34.20	
ORX	5.54	307	P	31	32.38	-2.1
FNA	5.58	105	ePn	31	34.59	-0.3
			eSn	32	33.44	
PZZ	5.61	294	P	31	35.83	0.4
BHB	5.62	298	P	31	33.80	-1.7
FRF	5.70	284	Pn	31	36.20	-0.4
RSP	5.75	300	P	31	34.41	-3.0X
LMR	5.77	281	Pn	31	36.90	-0.7
MMK	5.79	311	ePc	31	35.30	-2.7X
LLS	5.80	321	ePc	31	38.00	-0.2
LRG	5.89	282	Pn	31	39.80	0.5
LSD	5.95	303	P	31	37.65	-2.7X
RRL	5.97	297	P	31	40.28	-0.2
VKA	5.99	13	ePn	31	44.50	3.9X
			i(Sn)	32	46.30	
SRO	6.08	27	eP	31	44.80	3.0X
ZST	6.08	18	eP	31	40.70	-1.2
			i	32	00.60	
			e	44	23.40	
			e	01	25.00	
BNI	6.09	298	P	31	41.50	-0.6
FUR	6.09	341	ePn	31	42.30	0.2
DIX	6.12	309	ePc	31	41.50	-1.2
LPG	6.22	302	Pn	31	42.60	-1.6
LPL	6.24	302	Pn	31	42.90	-1.6
			Sn	32	50.10	
GRG	6.26	101	ePn	31	43.00	-1.6
			eSn	32	51.75	
VAY	6.29	98	iPn	31	43.80	-1.1
EMS	6.39	307	ePd	31	46.30	-0.3
ZLA	6.54	322	ePc	31	47.50	-0.9
LIT	6.62	108	ePn	31	47.40	-2.2
			eSn	33	00.83	
KHC	6.70	356	Pn	31	49.20	-1.5
			e	31	58.00	
			eSn	32	48.00	
SLE	6.71	324	ePc	31	49.40	-1.4
WET	6.77	352	iPnc	31	50.00	-1.6
FEL	7.00	323	ePn	31	52.73	-2.2
AGG	7.01	117	ePn	31	54.28	-0.8
			eSn	33	08.87	
PAIG	7.53	106	ePn	32	00.48	-1.8
PRU	7.54	1	Pn	32	08.50	6.1X
			ePg	32	41.00	
			Sn	33	25.70	
			eSg	34	15.50	
BSF	7.54	318	Pn	32	00.00	-2.6
			Sn	33	21.80	
GRF	7.55	345	e(Pn)	32	01.00	-1.5
			e(Pg)	32	24.00	
			e(Sg)	33	23.00	
CDF	7.73	323	Pn	32	03.30	-1.8
			Sn	33	25.50	
HAU	7.88	318	Pn	32	04.60	-2.6
			Sn	33	29.10	

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BRG      8.43 359 e(P)   32 12.00  -2.8X
                  e      33 57.00
                  i      34 30.00
                  i      35 03.00
SMF      8.55 303 Pn     32 13.30  -3.2X
                  Sn     33 46.20
LBF      8.62 305 Pn     32 14.40  -3.1X
                  Sn     33 46.90
ABH      8.77 330 ePn    32 19.21  -0.4
RUP      8.81 328 ePn    32 19.90  -0.3
LOR      8.83 307 Pn     32 17.20  -3.2X
                  Sn     33 52.80
CLL      8.91 355 e(Pn)  32 30.00   8.6X
                  e      33 56.00
                  eSg    35 15.00
AVF      8.91 303 Pn     32 18.70  -2.9X
SSF      8.94 305 Pn     32 19.00  -2.9X
                  Sn     33 56.60
BGF      9.14 301 Pn     32 21.50  -3.2X
                  Sn     34 01.60
WLF      9.16 325 P      32 25.00   0.2
                  iS     34 10.00
MEM      9.95 328 P      32 36.30   0.6
DOU     10.16 322 iPc    32 45.10   6.4X
                  S      34 26.90
EKA     17.18 325 P      34 14.00   2.7X
      1.4s     22.30nm          4.1mb
NB2     18.71 355 P      34 28.20  -2.0
      0.7s      1.30nm          3.2mb
     S.D. = 1.2  on 106 of 125 obs.
-----------------------------------------
%  FEB  18, 1992  04h 09m 57.41± 0.54s
   46.214 N ± 7.4km     2.635 E ± 5.8km
   DEPTH =  12.6 ±  5.3 km
 FRANCE                                (538)

MAF      0.05 279 Pg     10 00.40   0.4
                  Sg     10 02.60
TCF      0.30 284 Pg     10 04.50   0.6
                  Sg     10 09.30
BGF      0.37  23 Pg     10 05.20   0.0
                  Sg     10 10.70
AVF      0.76  40 Pg     10 11.80  -0.2
                  Sg     10 23.40
LSF      0.77 273 Pg     10 11.00  -1.2
                  Sg     10 23.00
SMF      0.94  62 Pg     10 14.70  -0.4
                  Sg     10 26.60
SSF      1.04  35 Pg     10 16.90   0.1
                  Sg     10 30.70
RJF      1.20 221 Pg     10 19.70   0.2
                  Sg     10 34.60
LBF      1.20  50 Pg     10 19.70   0.1
                  Sg     10 35.10
CAF      1.35 197 Pg     10 22.00   0.0
                  Sg     10 39.00
LOR      1.35  38 Pg     10 22.50   0.5
                  Sg     10 40.50
     S.D. = 0.6  on  11 of  11 obs.
-----------------------------------------
?  FEB  18, 1992  04h 46m 11.74± 3.69s
   39.725 N ±12.7km    23.836 E ±30.9km
   DEPTH =  10.0km  (geophysicist)
 AEGEAN SEA                            (365)

PAIG     0.24 329 ePg    46 16.74   0.0
                  eSg    46 19.53
LIT      1.10 290 ePg    46 32.46   0.0
                  eSg    46 46.06
SOH      1.16 342 ePg    46 33.41   0.0
                  eSg    46 50.66
AGG      1.36 239 ePb    46 36.77   0.0
     S.D. = 0.0  on   4 of   4 obs.
-----------------------------------------
?  FEB  18, 1992  05h 05m 10.39± 2.78s
   15.760 N ±19.4km    61.491 W ±49.2km
   DEPTH = 116.8 ± 30.2 km
 LEEWARD ISLANDS                       ( 92)

MGG      0.23  47 eP     05 28.00   0.1
PAG      0.32 326 eP     05 28.00  -0.3
                  S      05 43.00
FDF      1.07 162 iPd    05 33.50   0.3
      0.1s      0.35nm
                  S      05 50.90
CRM      1.14 151 iPd    05 33.70  -0.2
BIM      1.30 162 eP     05 35.94   0.2
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BPA      1.33 345 eP     05 36.00   0.0
                  S      05 55.00
MVM      1.33 154 iPd    05 35.51  -0.5
                  S      05 56.00
     S.D. = 0.4  on   7 of   7 obs.
-----------------------------------------
?  FEB  18, 1992  05h 38m 43.16± 3.86s
   15.748 N ±34.8km    97.896 W ±11.4km
   DEPTH =  33.0km  (normal)
 NEAR COAST OF OAXACA, MEXICO          ( 66)

OXX      1.74  40 iP     39 11.50  -0.2
                  iS     39 31.50
ACX      2.19 301 eP     39 18.00   0.0
                  iS     39 45.00
III      3.02 330 eP     39 30.00   0.1
IISM     3.26   9 iP     39 33.00  -0.1
IIT      3.28 353 (P)    39 38.00   4.3X
PPM      3.37 348 eP     39 35.00  -0.3
                  (S)    40 10.00
LVVM     4.20  19 eP     39 47.00   0.5
     S.D. = 0.4  on   6 of   7 obs.
-----------------------------------------
%  FEB  18, 1992  06h 34m 16.36± 2.21s
   60.534 N ± 8.6km     4.236 E ±18.0km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN NORWAY                       (535)
      MD 1.9 (BER).

ASK      0.48  96 eP     34 26.70   0.7
                  eS     34 32.00
EGD      0.56 118 eP     34 28.50   0.8
                  eS     34 35.00
SUE      0.58  26 eP     34 28.90   0.7
                  eS     34 36.00
HYA      1.15  56 eP     34 36.80  -1.0
                  eS     34 50.30
ODD1     1.35 117 eP     34 39.74  -1.4
                  eS     34 57.28
KMY      1.42 159 eP     34 42.44   0.3
                  eS     35 01.55
NRA0     3.60  84 Pg     35 18.57   5.2X
                  Lg     36 07.30
     S.D. = 1.3  on   6 of   7 obs.
-----------------------------------------
   FEB  18, 1992  06h 44m 38.99± 0.94s
   46.468 N ± 7.1km    14.659 E ± 8.2km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION            (383)
      ML 2.8 (VIE). MD 2.7 (TRI), 2.6
      (LJU). Felt (IV) ot Eberndorf,
      Austria.

LJU      0.43 192 ePgd   44 47.40  -0.4
                  iSg    44 53.90
VOY      0.69 231 ePg    44 52.30  -0.4
                  i      44 53.10
                  eSg    45 02.70
CEY      0.75 193 iPgd   44 55.50   1.9
                  eSg    45 03.80
TRI      0.98 220 P      45 01.50   3.9X
                  eSg    45 13.10
TRI      0.98 220 ePg    44 56.80  -0.8
                  iSg    45 12.70
VBY      1.05 156 ePg    44 59.20   0.4
                  iSg    45 13.00
PTJ      1.07 122 iPgc   44 58.00  -1.1
                  iSg    45 10.10
KBA      1.09 305 iPgd   44 58.00  -1.6
                  iSg    45 12.60
FVI      1.30 276 P      45 03.80   0.7
                  eSn    45 24.50
CTI      2.13 260 P      45 06.00  -9.2X
                  eSn    45 24.50
SQTA     2.48 289 iPgd   45 25.60   5.4X
                  i      45 58.90
KHC      2.76 345 eP     45 25.50   1.4
                  e      45 33.00
                  Sg     46 02.40
     S.D. = 1.3  on   9 of  12 obs.
-----------------------------------------
*  FEB  18, 1992  08h 37m 24.49± 0.97s
   21.002 S ± 8.8km    68.757 W ± 9.3km
   DEPTH = 126.4 ± 11.4 km
   4.4mb (  5 obs.)
 CHILE-BOLIVIA BORDER REGION           (124)
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```
ANT      3.10 209 iP     38 11.50  -1.4
                  iS     38 47.80
YJA      3.24 112 iP     38 17.10   1.8
LPB      4.49   8 Pc     38 31.30  -0.8
      0.9s    252.10nm
SLA      4.78 142 iPd    38 37.00   1.3
RTCB    10.44 180 iPc    39 58.00   5.9X
MDZ     11.83 180 e(P)   40 12.60   2.2
NNA     11.85 318 eP     40 16.30   5.7X
      0.8s      9.70nm          4.5mb
                  eS     42 37.50
RFA     13.72 179 ePc    40 32.00  -2.9
PPD     16.27  97 eP     41 06.40  -0.6
                  e      41 08.70
BAO     20.42  78 Pd     41 52.40  -1.3
ANMO    66.16 327 P      47 59.80  -0.9
      1.0s      4.00nm          4.3mb
LIC     68.11  74 P      48 12.40  -0.7
KIC     68.43  74 Pd     48 14.40  -0.7
BAR     70.32 318 eP     48 27.00   0.6
TPC     70.91 320 eP     48 30.00   0.1
RVR     71.64 319 eP     48 35.00   0.8
SBB     72.39 319 eP     48 39.00   0.3
CLC     73.01 320 eP     48 43.00   0.7
ISA     73.43 320 eP     48 45.00   0.3
TNP     74.33 322 ePd    48 50.00  -0.1
      0.9s      5.86nm          4.4mb
SES     80.29 334 eP     49 23.00   0.5
FFC     80.61 341 eP     49 24.00   0.0
      1.0s     10.00nm          4.5mb
PNT     83.31 329 eP     49 39.00   0.9
      0.6s      4.00nm          4.5mb
     S.D. = 1.3  on  21 of  23 obs.
-----------------------------------------
   FEB  18, 1992  09h 20m 29.61± 0.30s
   42.863 N ± 2.9km    12.597 E ± 3.2km
   DEPTH =  11.9 ±  2.2 km
 CENTRAL ITALY                         (381)
      MD 3.6 (TRI).

ASS      0.21  13 P      20 33.60  -0.8
                  eSg    20 37.50
MNS      0.48 173 P      20 39.00  -0.5
                  (Sg)   20 45.10
ARV      0.68  22 Pc     20 42.00  -1.0
                  eSg    20 53.50
AQU      0.78 130 P      20 43.80  -0.9
                  eSg    20 54.90
CRE      0.90 329 P      20 47.10   0.4
                  eSg    21 00.40
RMP      1.05 176 P      20 50.20   0.9
                  eSg    21 07.10
RSM      1.07 354 P      20 51.60   2.1
AZI      1.07 144 P      20 51.60   2.0
                  eSn    21 06.00
RDP      1.11 175 P      20 50.50   0.2
                  eSg    21 06.50
MAO      1.16 248 Pd     20 51.40   0.4
SFI      1.19 333 P      20 51.60   0.0
                  eSn    21 09.50
PGD      1.20 328 P      20 54.00   2.1
                  eSn    21 09.50
FIR      1.34 314 e(Pg)  20 51.00  -3.1X
                  i(Sg)  21 17.00
SDI      1.47 142 P      20 56.60   0.7
                  eSn    21 14.50
PII      1.74 300 P      21 01.70   1.9
BDI      1.89 310 P      21 02.00   0.0
                  eSn    21 27.50
MME      1.92 315 P      21 02.80   0.2
PGF      2.67 264 Pn     21 13.40   0.1
RIY      2.80  27 ePn    21 14.90   0.0
                  iSn    22 49.20
HVAR     2.84  82 iPn    21 14.50  -1.1
TRI      2.97  16 ePn    21 16.60  -0.7
                  iSn    21 51.30
                  iSg    22 04.00
SGO      3.07 138 P      21 18.40  -0.3
CEY      3.16  24 e(Pn)  21 20.00  -0.1
                  eSn    21 58.50
CTI      3.26 348 P      21 21.00  -0.6
VBY      3.26  35 ePn    21 22.00   0.5
                  eSn    22 00.90
VOY      3.30  16 ePn    21 22.30   0.1
                  e(Pg)  21 29.30
                  eSn    22 02.30
                  eSg    22 22.00
```

18d 09h

PCP	3.38	301	P	21	23.64	0.3
FIN	3 46	294	P	21	24.15	-0.3
CKI	3.50	298	P	21	24.90	0.0
			eSn	22	05.00	
MDI	3.57	326	P	21	26.60	0.7
IMI	3.59	289	P	21	28.56	2.3
ROB	3.72	294	P	21	28.15	0.0
FVI	3.73	2	P	21	28.00	-0.2
PTJ	3.88	37	ePn	21	36.00	5.6X
			iSn	22	28.60	
SBF	3.89	287	Pn	21	31.00	0.4
ENR	4.00	292	P	21	32.66	0.5
VAI	4.07	319	P	21	33.00	0.1
STV	4.07	292	P	21	33.17	0.0
OGA	4.16	345	ePn	21	38.60	4.2X
DOI	4.21	295	P	21	35.00	-0.2
KBA	4.25	7	iPnc	21	37.80	2.1
			i	21	38.40	
			i	21	58.30	
			iSn	22	24.60	
PZZ	4.31	294	P	21	35.12	-1.5
ORX	4.32	311	P	21	35.94	-0.8
BH8	4.34	299	P	21	37.89	1.0
FRF	4.41	281	Pn	21	37.10	-0.7
RSP	4.48	303	P	21	27.23	-11.7X
LMR	4.48	278	Pn	21	38.10	-0.8
LRG	4.60	280	Pn	21	40.00	-0.6
RRL	4.68	298	P	21	40.55	-1.4
LSD	4.70	305	P	21	38.71	-3.5X
BHG	4.86	2	ePn	21	47.00	2.7
LPG	4.96	304	Pn	21	46.90	1.0
LPL	4.98	304	Pn	21	46.70	0.5
OHR	6.36	103	eP	22	06.20	0.7
BSF	6.43	323	Pn	22	06.40	-0.2
			Sn	23	16.10	
CDF	6.69	328	Pn	22	08.70	-1.4
			Sn	23	22.00	
HAU	6.76	322	Pn	22	09.80	-1.3
			Sn	23	23.40	
SMF	7.29	304	Pn	22	17.70	-0.8

S.D. = 1.0 on 53 of 58 obs.

FEB 18, 1992 10h 09m 34.79± 0.58s
72.080 N ± 7.6km 1.850 W ± 9.7km
DEPTH = 10.0km (geophysicist)
4.6mb (7 obs.)
JAN MAYEN ISLAND REGION (639)

DAG	6.52	324	eP	11	13.00	0.0
ARA0	9.31	93	Pn	11	51.99	0.1
NRA0	12.54	148	Pn	12	30.48	-5.3X
			Sn	15	00.12	
CLL	21.87	154	eP	14	23.00	-6.0X
			e	14	32.00	
KSP	22.80	149	eP	14	37.80	-0.5
PRU	23.37	153	P	14	45.50	1.7X
OBN	23.44	116	eP	14	51.00	6.6X
	1.0s	31.00nm				4.8mb
	Z 16s	0.50um				4.1MszX
			i	14	55.50	
			e	15	03.00	
GEC2	24.37	155	Pc	14	58.10	4.4X
	0.7s	0.98nm				3.5mb X
LOR	25.03	171	eP	15	00.00	0.0
	0.9s	9.00nm				4.5mb
SSF	25.22	171	eP	15	01.70	0.0
LBF	25.32	171	eP	15	03.00	0.3
	1.0s	16.00nm				4.7mb
AVF	25.49	172	eP	15	04.30	0.1
	1.2s	20.85nm				4.7mb
SMF	25.65	171	eP	15	06.10	0.3
	1.0s	16.00nm				4.7mb
TCF	25.94	174	eP	15	08.50	0.0
LSF	25.96	175	eP	15	08.50	-0.1
LPL	26.95	167	eP	15	20.10	2.0X
LPG	26.97	167	eP	15	20.30	2.0X
	1.2s	14.60nm				4.5mb
FBA	41.36	339	(P)	17	29.00	7.3X
FFC	42.02	301	eP	17	32.00	4.8X
	0.9s	7.00nm				4.4mb

S.D. = 0.3 on 10 of 19 obs.

FEB 18, 1992 10h 27m 09.02± 0.25s
40.000 S ± 4.3km 174.108 E ± 4.0km
DEPTH = 150.8km (2 depth phases)
5.2mb (16 obs.)
COOK STRAIT, NEW ZEALAND (163)

BSZ	0.66	73	Pd	27	31.60	0.0
NRZ	0.68	348	Pc	27	30.50	-1.2
DIW	0.81	190	Pd	27	32.80	0.1
KIW	1.06	145	Pc	27	35.30	0.7
MNG	1.22	121	Pd	27	37.20	1.1
			S	27	55.20	
TCW	1.22	174	Pc	27	37.00	0.9
RUZ	1.29	48	Pd	27	36.10	-0.7
			eS	27	55.70	
MRW	1.31	160	Pc	27	38.10	1.1
CAW	1.33	147	Pc	27	38.30	1.1
WEL	1.38	159	P	27	38.60	0.9
			S	27	58.30	
WDW	1.44	152	Pc	27	39.20	1.0
QRZ	1.46	235	Pc	27	37.90	-0.7
			eS	27	58.10	
MTW	1.57	138	Pc	27	40.70	1.0
MOZ	1.59	20	Pd	27	38.30	-1.6
			S	27	59.60	
MOW	1.67	149	Pc	27	41.80	1.0
BLW	1.72	143	P	27	42.40	1.1
WAHZ	1.76	81	Pd	27	41.60	-0.2
PGZ	1.77	111	Pd	27	42.50	0.6
AMW	1.81	137	P	27	43.50	1.1
HATZ	1.89	55	eP	27	42.90	-0.5
THZ	1.98	207	P	27	44.60	0.2
HUTZ	2.06	49	P	27	45.30	0.0
TEHZ	2.08	91	Pc	27	45.60	0.1
TTH	2.14	79	P	27	46.30	0.0
WHH	2.16	60	P	27	45.60	-0.9
PATZ	2.32	47	P	27	48.20	-0.4
UTU	2.44	42	P	27	49.60	-0.3
WLZ	2.45	29	Pd	27	48.60	-1.3
KHZ	2.45	190	Pc	27	50.60	0.6
			eS	28	21.00	
DSZ	2.47	224	Pc	27	49.80	-0.5
MOH	2.50	71	P	27	50.20	-0.5
PAHZ	2.55	64	eP	27	50.60	-0.7
TAZ	2.57	47	P	27	51.00	-0.4
URZ	2.91	54	Pc	27	53.80	-2.0
			eS	28	27.50	
MAHZ	3.03	76	P	27	56.70	-0.6
LTZ	3.11	206	eP	27	57.50	-0.8
NOZ	3.35	67	P	28	00.00	-1.4
KUZ	3.49	22	P	28	01.70	-1.5
PUZ	3.76	61	P	28	04.50	-2.3
			eS	28	46.30	
MQZ	3.86	196	Pc	28	05.90	-2.2
			eS	28	48.10	
WCZ	4.06	3	Pd	28	09.60	-1.1
HBZ	4.06	55	P	28	08.40	-2.3
EWZ	4.27	214	P	28	11.30	-2.2
BWZ	5.51	213	eP	28	26.60	-3.4X
ODZ	5.65	206	P	28	29.40	-2.6
LSCZ	6.19	213	eP	28	34.80	-4.5X
CMCZ	6.26	213	eP	28	36.50	-3.7X
TLC	6.38	214	eP	28	38.00	-3.9X
MSZ	6.54	222	eP	28	41.00	-2.9
			eS	29	51.30	
TUZ	6.80	207	eP	28	44.90	-2.5
BCZ	7.56	215	eP	28	54.70	-2.9
SIZ	8.13	210	eP	29	02.20	-3.0
DZM	19.03	338	iPc	31	22.50	0.6
CAN	20.39	275	eP	31	37.70	2.0
			eTT	49	30.00	
ARMA	20.66	291	eP	31	41.50	3.0X
	0.7s	8.00nm				4.3mb
BWA	21.17	277	eP	31	43.40	-0.1
TOO	22.40	267	iPc	31	58.20	2.7
	0.8s	56.00nm				5.0mb
			i	32	28.80	155km
BFD	24.77	266	iPc	32	21.00	2.9X
	0.6s	37.00nm				5.1mb
			e	32	51.00	147km
QLP	28.18	289	iPc	32	50.70	1.5
	0.5s	13.00nm				4.9mb
ADE	28.41	269	eP	32	52.80	1.5
	0.8s	80.60nm				5.5mb
QIS	35.24	293	iPd	33	51.40	0.6
	0.5s	4.00nm				4.4mb
ASPA	37.49	283	iPd	34	10.10	0.4
	0.5s	37.30nm				5.4mb
FORR	38.23	269	eP	34	16.70	1.0
PAE	38.44	65	iP	34	19.70	2.1
	0.8s	45.00nm				5.2mb
PPT	38.51	65	iP	34	20.60	2.4
	0.8s	55.00nm				5.3mb

PPN	38.63	65	iP	34	21.40	2.2
	0.8s	35.00nm				5.1mb
WB2	39.41	289	iPd	34	25.70	0.1
	0.3s	89.60nm				6.0mb
WRA	39.41	289	P	34	26.10	0.5
	0.4s	48.30nm				5.6mb
WARB	41.62	274	eP	34	43.30	-0.4
COOL	43.55	265	iPd	34	59.40	0.1
	0.4s	22.00nm				5.1mb
RKG	45.09	258	eP	35	11.00	-0.6
KLB	45.81	262	iPd	35	17.10	-0.2
	0.3s	14.00nm				5.1mb
MUN	46.82	261	eP	35	25.00	-0.2
BAL	47.07	263	eP	35	26.00	-1.2
MRWA	48.27	264	eP	35	36.30	-0.2
SPA	50.19	180	iPd	35	54.70	3.8X
	0.6s	134.15nm				5.8mb
AIA	65.72	157	eP	37	40.00	1.1
IPM	80.09	284	ePd	39	04.00	0.4
	1.0s	42.20nm				5.1mb
NNT	86.37	290	eP	39	37.00	1.6
KHT	88.65	290	iPd	39	48.10	1.8
MBH	145.29	266	ePKP	46	29.50	-0.8
KEV	145.56	340	ePKP	46	31.00	1.6
JVI	145.91	269	ePKP	46	31.80	0.6
LIC	146.36	182	PKP	46	33.80	1.4
ADI	146.48	271	ePKP	46	34.30	2.2
KIC	146.49	182	PKP	46	33.80	1.2
TIC	146.78	182	PKP	46	34.50	1.4
KAF	150.54	329	ePKP	46	41.60	4.2X
	0.5s	2.90nm				
NUR	152.10	328	ePKP	46	47.10	7.3X
	0.6s	4.60nm				

S.D. = 1.4 on 80 of 89 obs.

FEB 18, 1992 11h 16m 15.25± 0.56s
25.017 N ± 7.7km 119.677 E ± 8.1km
DEPTH = 33.0km (normal)
4.5mb (8 obs.)
NEAR SOUTHEASTERN COAST OF CHINA(242)
Felt on Hoitan and Nanri. Also felt along the coast of Fujian Province.

TATO	1.64	91	eP	16	42.30	0.1
HKC	5.72	243	ePc	17	38.30	-1.9
SSE	6.20	12	Pnc	17	45.00	-1.9
	1.0s	27.00nm				4.9mb
			Sn	18	35.00	
			Sg	18	55.00	
MCO	6.31	244	iP	17	47.30	-1.1
BAG	8.60	174	eP	18	20.00	-0.7
BJI	15.27	350	eP	19	51.50	1.6
	Z 12s	0.72um				
	N 11s	0.67um				
	E 10s	0.66um				
			eLg	24	07.00	
KMI	15.35	274	eP	19	52.00	0.6
			pP	20	03.00	
			S	22	51.00	
LOE	18.35	249	eP	20	34.00	5.0X
			e	25	57.00	
MAT	19.60	50	(P)	20	37.00	-6.7X
CHG	20.19	256	eP	20	54.00	4.0X
			e	26	55.00	
CHTO	20.19	256	eP	20	52.80	2.8
NST	20.53	247	eP	21	03.00	9.5X
WRA	46.91	161	P	24	45.00	0.4
	0.4s	2.90nm				4.6mb
WB2	46.92	161	iPd	24	44.80	0.2
	0.8s	5.00nm				4.6mb
QIS	49.27	155	eP	25	03.20	0.2
	0.6s	6.00nm				4.8mb
ASPA	50.32	163	iPc	25	11.70	0.7
	0.8s	2.80nm				4.3mb
HFS	76.17	330	eP	28	01.10	-0.4
	0.5s	1.70nm				4.3mb
NB2	76.85	332	P	28	05.10	-0.3
	0.9s	3.30nm				4.4mb
GEC2	81.33	320	P	28	29.50	-0.4
	0.6s	0.32nm				3.5mb

S.D. = 1.3 on 15 of 19 obs.

FEB 18, 1992 12h 42m 39.05± 0.53s
41.371 S ± 4.6km 172.320 E ± 5.4km
DEPTH = 10.0km (geophysicist)
SOUTH ISLAND, NEW ZEALAND (162)

DSZ	0.54	226	Pd	42	50.70	0.7
QRZ	0.57	16	Pd	42	50.50	0.0
			eS	42	57.50	
THZ	0.59	132	Pd	42	50.60	-0.4
			S	42	58.60	
DIW	1.34	65	P	43	03.30	-0.4
KHZ	1.39	139	Pc	43	05.90	1.5
			S	43	24.80	
LTZ	1.41	182	P	43	05.70	0.9
			eS	43	25.70	
TCW	1.48	85	P	43	05.60	-0.1
MRW	1.80	86	P	43	11.20	0.9
			eS	43	33.90	
WDW	2.02	88	P	43	13.90	0.4
KIW	2.02	76	P	43	14.30	0.7
CAW	2.09	84	eP	43	15.20	0.7
MOW	2.21	92	P	43	16.00	-0.3
MOZ	2.35	174	eP	43	16.90	-1.3
BLW	2.37	91	P	43	18.00	-0.6
NRZ	2.38	32	eP	43	19.10	0.4
EWZ	2.40	206	P	43	19.20	0.3
MTW	2.41	86	P	43	18.40	-0.7
MNG	2.51	74	eP	43	20.50	0.0
BSZ	2.53	53	eP	43	21.90	1.0
AMW	2.59	90	P	43	20.80	-0.9
RUZ	3.22	47	eP	43	30.70	0.1
MOZ	3.44	35	eP	43	32.40	-1.3
ODZ	3.87	198	eP	43	38.40	-1.5

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

% FEB 18, 1992 13h 03m 05.87± 0.60s
44.614 N ± 4.4km 7.217 E ± 8.0km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.9 (GEN).

PZZ	0.14	217	P	03	09.77	0.5
			S	03	12.13	
BHB	0.23	8	P	03	11.51	0.7
			S	03	15.61	
STV	0.38	168	P	03	13.56	-0.1
			S	03	19.00	
ENR	0.41	159	P	03	14.38	0.0
			S	03	20.43	
RRL	0.43	315	P	03	14.18	-0.6
			S	03	20.84	
RSP	0.54	3	P	03	16.64	-0.1
			S	03	24.53	
ROB	0.57	124	P	03	17.05	-0.4
			S	03	24.94	

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

& FEB 18, 1992 13h 56m 34.64s
63.288 N 151.518 W
DEPTH = 10.4km
CENTRAL ALASKA (1)
<AEIC>. ML 4.0 (AEIC), 4.2
(PMR). Felt (III) at Skwentna.

KTH	0.38	45	iPc	56	42.32	-0.1
TRF	0.58	73	iPc	56	45.63	-0.8
HUR	0.91	109	ePd	56	51.61	-0.4
			eS	57	03.35	
CUT	1.06	147	iPd	56	55.01	0.5
RND	1.21	83	iPc	56	56.60	-0.5
MCK	1.24	68	iPc	56	57.11	-0.6
			eS	57	14.46	
BWN	1.27	45	iPc	56	58.21	0.0
SKT	1.31	180	iPd	56	59.39	0.5
			eS	57	16.17	
NEA	1.68	39	ePc	57	02.55	-1.7
			eS	57	26.98	
MLY	1.78	11	ePd	57	05.10	-0.6
PWA	1.81	154	iP	57	06.90	0.9
SUA	1.87	169	ePd	57	07.40	0.4
			eS	57	31.84	
NCG	1.91	189	iPc	57	07.94	0.3
			eS	57	32.75	
WRH	1.93	50	ePc	57	05.99	-1.7
			eS	57	33.42	
GHO	1.94	141	ePd	57	07.69	-0.3
CGLM	2.00	187	ePc	57	09.14	0.3
PLRM	2.03	146	ePd	57	08.93	-0.3
PMR	2.03	146	iPd	57	09.70	0.5
CRP	2.05	189	eP	57	08.80	-0.9
BGL	2.07	192	eP	57	10.70	0.8
TTA	2.07	262	eP	57	09.60	-0.3
SML	2.09	134	iPd	57	09.63	-0.6
CKN	2.09	189	eP	57	11.19	1.0
SPU	2.13	187	ePc	57	10.86	0.1
			eS	57	39.96	
CKL	2.13	191	ePc	57	11.65	0.8
MDM	2.21	39	ePc	57	10.10	-1.8
PMS	2.25	155	eP	57	12.51	0.1
BKG	2.25	189	eP	57	13.19	0.6
FBA	2.30	44	eP	57	11.70	-1.4
HDA	2.31	59	eP	57	11.08	-2.2
KNK	2.36	141	ePd	57	14.17	0.1
GLM	2.49	45	ePc	57	14.03	-1.8
DDM	2.58	76	eP	57	19.53	2.4
THY	2.60	85	eP	57	20.60	3.2
DJE	2.71	71	eP	57	19.80	0.9
TOA	2.74	113	ePc	57	19.44	0.0
RDT	2.76	189	eP	57	19.65	0.0
DFR	2.76	192	eP	57	20.65	0.9
PAX	2.77	94	ePc	57	19.86	0.0
SDG	2.84	103	ePd	57	20.76	0.0
SLKM	2.86	167	eP	57	21.15	0.1
REF	2.86	192	eP	57	22.14	0.8
RDW	2.88	193	eP	57	22.37	0.8
RS2	2.90	192	eP	57	23.86	2.1
RSO	2.90	192	eP	57	22.78	1.0
RS1	2.90	192	eP	57	22.82	1.0
SVW	2.91	223	eP	57	21.10	-0.7
RED	2.94	192	eP	57	24.29	2.0
IMA	2.94	343	ePd	57	22.20	-0.1
TZL	3.08	111	eP	57	25.05	1.0
KLU	3.17	122	ePc	57	25.57	0.1
GLI	3.19	137	eP	57	26.39	0.7
VZW	3.23	132	eP	57	26.55	0.2
NNL	3.26	178	eP	57	28.92	2.2
INE	3.32	193	eP	57	28.24	0.5
INW	3.32	194	eP	57	28.18	0.4
SEW	3.34	162	eP	57	29.35	1.4
DOT	3.37	81	eP	57	27.65	-0.6
PRP	3.43	47	eP	57	28.26	-1.0
BRLK	3.55	175	eP	57	32.34	1.5
LTI	3.70	150	eP	57	32.00	-1.0
PDB	3.74	201	eP	57	33.53	0.0
CNPM	3.78	178	eP	57	35.54	1.4
MTU	3.79	149	eP	57	33.37	-0.9
TMW	3.85	86	eP	57	34.98	-0.1
GLB	4.04	114	iPd	57	38.02	0.2
SGAM	4.09	130	eP	57	37.50	-1.0
FYU	4.24	36	eP	57	40.56	0.0
MCNL	4.34	200	eP	57	42.28	0.2
CDD	4.49	194	eP	57	46.65	2.4
CROM	4.69	119	eP	57	47.17	-0.1
SYI	4.71	186	eP	57	49.16	1.8
KAIM	4.78	132	eP	57	48.06	-0.3
TGL	4.82	118	eP	57	48.14	-0.8
BALM	4.86	114	eP	57	48.68	-0.8
CTGM	5.32	111	eP	57	55.38	-0.7
YAH	5.48	118	eP	57	57.11	-1.3
WRG	5.57	122	eP	57	59.11	-0.4
ANM	6.24	288	eP	58	08.27	-0.6
BRW	8.30	348	eP	58	34.48	-3.2
INK	8.92	48	P	58	42.00	-4.3

0.5s 1.90nm 4.7mb X
81 abs. associated

& FEB 18, 1992 13h 57m 24.46s
32.495 N 117.064 W
DEPTH = 6.0km (geophysicist)
CALIF.-BAJA CALIF. BORDER REGION(45)
<PAS-P>. ML 3.4 (PAS). Felt (IV)
at Spring Valley and (III) at
Dulzura, Imperiol Beach,
Lakeside, La Mesa, Lemon Grove,
Santee and Tecate.

CPE	0.39	355	iPd	57	31.60	-0.6
PLM	0.87	11	iPd	57	41.00	-0.7
			eS	57	51.60	
SATS	1.39	330	eP	57	51.64	1.3
			eS	58	10.94	
PEC	1.40	357	iPd	57	50.18	-0.3
			eS	58	06.67	
VPD	1.44	336	eP	57	51.72	0.6
			eS	58	13.15	
CIS	1.45	309	eP	57	51.70	0.5
			eS	58	14.19	
CIW	1.58	308	eP	57	53.63	0.6
			eS	58	15.36	
PVRC	1.67	319	eP	57	54.45	0.2
			eS	58	20.63	
PCF	1.67	339	eP	57	55.38	1.0
			eS	58	18.48	
PVPS	1.71	319	eP	57	55.29	0.4
			eS	58	21.20	
GFP	1.94	328	eP	57	58.60	0.4
GLA	1.97	73	ePn	57	55.37	-3.3
			eS	58	19.05	
BLG	2.32	314	eP	58	03.80	-0.1
ABL	2.96	323	P	58	14.00	0.9
OSM	3.47	3	P	58	20.40	0.4
BCH	3.68	318	P	58	23.20	0.0
PANV	3.89	360	P	58	26.10	-0.2
LSM	4.28	9	P	58	31.90	0.1
YMT3	4.32	7	P	58	33.20	1.0
YMT5	4.42	6	P	58	34.00	0.2
SGV	4.48	0	P	58	35.90	1.4
TMBR	4.56	7	P	58	36.80	1.0
LCH	4.75	354	P	58	39.30	0.8
PPK	4.97	352	P	58	42.60	1.0
BONR	5.54	350	P	58	51.00	1.2

25 abs. associated

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* FEB 18, 1992 16h 02m 55.39± 1.64s
32.522 S ±10.2km 71.539 W ±12.9km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)
MD 4.2 (SAN). Felt (IV) at
Concon, Limache, Puchuncavi,
Quintero and Zapallar; (III) at
La Ligua, Los Andes, Quillota
and Valparaiso; (II) at San
Felipe and Santiago.

IHA	0.51	190	iPc	03	07.10	1.0
			iS	03	16.30	
ROCH	0.63	135	iPd	03	08.60	0.5
JACH	0.81	102	iPd	03	10.50	0.0
PEL	0.95	131	iPd	03	12.60	0.2
			iS	03	25.00	
LCCH	0.95	182	iPc	03	12.40	0.0
			iS	03	24.50	
SAN	1.19	142	iPc	03	15.50	-0.3
			iS	03	31.00	
TACH	1.24	156	iPc	03	16.50	0.0
			iS	03	32.00	
PCH	1.39	142	iPc	03	18.60	-0.2
			iS	03	36.20	
LNV	1.43	176	iPc	03	18.20	-1.1
CHCH	1.59	152	iPc	03	21.20	-0.4
CACH	1.77	154	iPc	03	24.30	-0.1
MDZ	2.30	100	iP	03	32.60	0.8
			i(S)	03	58.90	
RTCB	2.55	67	iPc	03	35.60	0.2
			(S)	04	15.20	
ZON	2.62	69	iPc	03	46.30	10.0X
CFA	2.95	73	ePc	03	40.20	-0.8

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

? FEB 18, 1992 17h 07m 39.59± 1.94s
31.168 S ±16.2km 179.601 W ±21.7km
DEPTH = 489.1 ± 17.0 km
5.0mb (7 obs.)
KERMADEC ISLANDS REGION (177)

HBZ	6.65	195	eP	09	20.70	-2.1
KUZ	6.79	214	eP	09	25.30	1.1
WCZ	6.94	225	P	09	26.60	0.8
PUZ	7.11	194	eP	09	25.40	-2.2
			eS	10	53.40	
URZ	7.57	200	eP	09	29.40	-3.0X
			eS	11	01.70	
NOZ	7.68	194	eP	09	31.80	-1.7
TAZ	7.74	203	eP	09	36.20	2.1
WLZ	7.75	210	P	09	37.20	3.0X
PATZ	7.96	204	P	09	39.00	2.4
PAHZ	8.15	199	eP	09	38.10	-0.4
WHH	8.34	202	eP	09	41.20	0.6
MOH	8.38	198	eP	09	41.60	0.7
MOZ	8.64	211	eP	09	45.80	2.1
TTH	8.85	198	eP	09	47.60	1.7
RUZ	8.95	206	eP	09	47.70	0.6
			S	11	33.60	
WAHZ	9.13	200	eP	09	48.20	-0.7
PGZ	10.00	198	P	09	58.20	0.1
MNG	10.24	202	eP	09	58.20	-2.4

S 11 56.10
KIW 10.64 203 eP 10 03.80 -1.1
MTW 10.72 200 P 10 05.80 0.0
AMW 10.79 199 eP 10 07.40 1.0
CAW 10.81 202 eP 10 06.00 -0.7
DIW 10.95 207 eP 10 06.40 -1.8
WDW 10.98 202 eP 10 07.70 -0.8
MOW 11.04 201 eP 10 09.20 0.0
MRW 11.04 203 eP 10 08.20 -0.9
eS 12 12.90
TCW 11.17 205 eP 10 09.40 -1.1
QRZ 11.55 211 P 10 14.70 0.2
THZ 12.17 208 eP 10 20.70 -0.5
eS 12 37.00
KHZ 12.49 204 eP 10 24.90 0.4
eS 12 42.10
DSZ 12.61 211 eP 10 25.70 -0.1
MQZ 13.94 204 eP 10 41.60 2.1
eS 13 10.40
DZM 15.41 303 iPc 10 55.10 0.4
BRS 24.36 272 iPd 12 20.00 0.6
0.6s 8.50nm 4.5mb
ARMA 24.70 264 iPc 12 25.00 2.4
0.5s 19.00nm 4.9mb
RMQ 28.06 272 eP 12 52.00 -0.1
0.7s 30.00nm 4.9mb
OLP 31.90 269 iPc 13 25.00 -0.2
0.3s 27.00nm 5.2mb
OIS 38.01 276 eP 14 15.00 -1.1
LAT 39.63 301 eP 14 27.30 -2.1
ASPA 41.70 269 iPd 14 45.50 -0.6
0.5s 18.10nm 4.8mb
WB2 42.75 274 iPc 14 53.60 -0.7
0.4s 82.50nm 5.6mb
iPcP 16 37.40
WRA 42.76 274 P 14 53.50 -0.9
0.4s 53.90nm 5.4mb
FORR 44.47 256 eP 15 08.00 0.2
WARB 47.05 262 eP 15 27.00 -0.7
KAF 144.79 339 ePKP 26 21.40 0.8
0.5s 23.10nm
OBN 144.98 324 iPKPd 26 23.00 1.9
0.6s 62.00nm
e 26 48.00
NUR 146.54 338 ePKP 26 27.30 3.8X
0.5s 20.40nm
BCAO 148.40 216 iPKPd 26 36.90 9.0X
0.4s 8.00nm
UPP 149.07 343 iPKP 26 33.10 5.6X
NB2 149.28 350 PKP 26 34.40 6.5X
0.7s 9.80nm
HFS 149.70 347 ePKP 26 34.70 6.3X
0.5s 3.10nm
HMDT 150.18 281 iPKPd 26 38.50 8.5X
MML 150.29 282 iPKPd 26 39.00 8.7X
RMN 150.67 278 iPKPd 26 39.40 8.4X
S.D. = 1.3 on 44 of 54 obs.

FEB 18, 1992 20h 49m 01.82± 0.45s
30.656 N ± 7.8km 141.747 E ± 7.7km
DEPTH = 47.7km (4 depth phases)
4.6mb (11 obs.)
SOUTH OF HONSHU, JAPAN (211)

SSE 17.66 277 Pc 53 07.00 1.1
1.0s 13.00nm 4.0mb
Z 16s 0.60um 4.0MszX
BJI 22.80 301 eP 54 01.00 -0.3
1.5s 47.00nm 4.7mb
Z 16s 0.58um 4.1MszX
IRK 34.84 319 eP 55 49.80 -0.4
0.9s 33.00nm 5.3mb
e 56 03.20 52km
e 56 20.80
e 56 49.00
PCI 37.68 218 e(P)c 56 15.70 1.3
1.0s 2.90nm 4.2mb
e 57 13.50 286kmX
CHG 40.40 263 eP 56 31.50 -5.6X
CHTO 40.40 263 ePc 56 36.20 -0.9
0.9s 5.12nm 4.3mb
e 56 48.90 47km
GUN 48.38 282 P 57 41.40 -0.1
PKI 48.88 281 P 57 44.60 -0.7
KKN 48.93 282 P 57 45.00 -0.5
DMN 49.13 281 P 57 46.60 -0.5
GKN 49.40 282 P 57 49.00 -0.1
WB2 50.81 189 iPc 57 59.10 -0.5
0.6s 10.20nm 5.0mb
ipP 58 11.60 45km
WRA 50.81 189 P 57 59.20 -0.4
0.8s 6.10nm 4.7mb
FBA 54.42 30 eP 58 25.20 -0.9
NDI 55.40 285 eP 58 33.00 -0.6
GAR 57.87 299 iP 58 51.20 0.0
HYB 58.54 273 eP 58 56.00 -0.1
QUE 63.29 291 eP 59 28.80 0.5
MAIO 66.87 299 eP 59 52.00 0.8
OBN 73.40 325 iPd 00 30.50 0.1
1.0s 24.00nm 5.1mb
e 00 44.00 47km
e 01 32.00
LR 35 10.00
SES 76.90 39 eP 00 51.00 0.4
FFC 78.93 32 eP 01 02.00 0.4
1.0s 10.00nm 4.7mb
APO 79.64 337 eP 01 05.70 0.4
0.6s 1.30nm 4.0mb
NB2 80.18 338 P 01 07.50 -0.7
0.9s 4.00nm 4.4mb
KRA 84.54 327 eP 01 32.30 1.4
KSP 85.67 329 eP 01 37.00 0.4
LPB 149.36 70 PKP 08 39.00 -4.6X
S.D. = 0.7 on 25 of 27 obs.

• FEB 18, 1992 21h 28m 45.91± 1.34s
28.004 S ± 9.4km 66.443 W ±14.3km
DEPTH = 198.2 ± 21.7 km
CATAMARCA PROVINCE, ARGENTINA (130)

CYA 0.72 128 iP 29 13.80 -0.3
S 29 32.00
SLA 3.37 15 iPd 29 40.50 -0.1
RTRS 3.41 230 iPd 29 41.70 0.9
S 30 23.00
TCA 3.69 155 iP 29 45.20 0.8
S 30 29.20
RTLL 3.75 208 iPc 29 44.80 -0.4
S 30 29.50
CFA 3.92 203 iPd 29 46.60 -0.6
S 30 32.40
ZON 4.03 208 eP 29 48.30 -0.3
eS 30 35.30
RTCB 4.03 210 iPd 29 48.50 -0.2
S 30 37.80
MDZ 5.29 203 i(P) 30 05.60 0.9
RFA 6.96 194 iPc 30 25.60 -0.9
S.D. = 0.8 on 10 of 10 obs.

% FEB 18, 1992 21h 46m 50.85± 1.32s
43.229 N ± 9.4km 18.949 E ± 7.0km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.2 (TTG).

PLE 0.34 73 iPgd 46 57.99 0.1
iSg 47 03.49
NKY 0.42 175 iPd 46 59.44 0.0
iSg 47 06.12
BRY 0.44 222 iPgd 46 59.92 0.0
iSg 47 07.05
IVA 0.78 117 iPgd 47 05.95 -0.2
iSg 47 17.64
TTG 0.83 164 iPgc 47 06.79 -0.1
iSg 47 19.42
HCY 0.85 203 iPgd 47 07.15 -0.1
iSg 47 19.85
BDV 0.95 185 iPgc 47 08.89 -0.1
iSg 47 23.37
PVY 0.98 130 iPgd 47 09.67 0.1
iSg 47 24.32
ULC 1.28 170 iPgc 47 14.94 0.3
iSg 47 34.32
S.D. = 0.1 on 9 of 9 obs.

? FEB 18, 1992 22h 17m 36.06± 6.55s
5.628 S ±51.0km 147.367 E ±66.8km
DEPTH = 163.8 ± 13.5 km
4.3mb (2 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)

LAT 1.08 200 eP 18 03.70 0.6
eS 18 22.60
YYYY 1.52 246 iPc 18 07.70 0.3
MDG 1.62 283 eP 18 07.80 -0.5
PMG 3.76 183 eP 18 33.50 -0.7
eS 19 15.00
WB2 19.04 220 iPc 21 47.40 -0.8
0.2s 10.30nm 4.9mb
ASPA 22.13 215 iPd 22 20.10 1.0
1.0s 3.70nm 3.8mb
S.D. = 1.2 on 6 of 6 obs.

% FEB 19, 1992 00h 41m 08.82± 2.03s
39.963 N ± 9.7km 23.586 E ±18.0km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

THE 0.82 325 eP 41 24.50 -0.2
eS 41 35.00
LIT 0.85 280 eP 41 25.50 0.2
eS 41 37.40
SRS 1.15 0 eP 41 30.60 0.2
KNT 1.31 337 eP 41 32.80 -0.2
eS 41 51.00
AGG 1.35 226 eP 41 33.60 -0.1
S.D. = 0.3 on 5 of 5 obs.

% FEB 19, 1992 00h 51m 28.14± 1.69s
61.264 N ±10.4km 4.868 E ±16.2km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
MD 1.6 (BER).

SUE 0.21 194 eP 51 33.00 0.2
eS 51 36.50
HYA 0.65 98 eP 51 41.20 0.1
eS 51 50.00
ASK 0.80 168 eP 51 43.90 0.2
eS 51 54.80
EGD 1.01 170 eP 51 46.70 -0.6
eS 52 01.00
MOL 1.82 43 eP 51 59.66 -0.1
eS 52 23.13
S.D. = 0.5 on 5 of 5 obs.

• FEB 19, 1992 02h 56m 08.48± 0.96s
33.482 N ±19.1km 14.242 W ±19.0km
DEPTH = 10.0km (geophysicist)
3.3mb (1 obs.)
MADEIRA ISLANDS REGION (393)
mbLg 4.0 (MDD).

TBT 5.73 214 ePn 57 35.40 -0.3
iSn 58 34.40
EVAL 7.35 54 ePn 57 58.00 -0.5
eSn 59 15.50
EJIF 7.79 65 ePn 58 05.50 1.0
eSn 59 27.00
EPRU 8.15 62 ePn 58 09.90 0.2
eSn 59 34.20
EHOR 8.50 57 ePn 58 14.00 -0.6
eSn 59 42.00
EPLA 9.27 43 ePn 58 24.60 -0.6
eSn 00 02.00
EGUA 9.36 66 ePn 58 26.50 0.1
eSn 00 06.00
ECOG 9.50 64 ePn 58 28.00 -0.5
eSn 00 08.00
EBAN 9.69 58 ePn 58 30.50 -0.4
eSn 00 11.50
GUD 10.77 46 ePn 58 45.50 -0.3
eSn 00 39.00
ETOR 12.16 49 ePn 59 05.00 0.2
GEC2 25.85 45 P 01 43.30 1.6
0.5s 0.36nm 3.3mb
S.D. = 0.7 on 12 of 12 obs.

• FEB 19, 1992 02h 58m 26.14± 0.83s
71.959 N ±12.9km 1.638 W ±14.4km
DEPTH = 10.0km (geophysicist)
4.3mb (8 obs.)
JAN MAYEN ISLAND REGION (639)

DAG 6.66 324 eP 00 05.00 -1.3
ARA0 9.24 92 Pn 00 42.49 0.2
NRA0 12.40 149 Pn 01 22.36 -3.0
HFS 13.34 145 eP 01 36.60 -1.1
0.4s 3.40nm 4.8mb
KAF 14.52 119 eP 01 53.10 -0.2
0.5s 1.20nm 3.8mb

```
NUR     15.43 125 eP     02 07.00    2.0
KSP     22.66 150 eP     03 29.00    0.7
LOR     24.90 171 eP     03 50.90    0.8
        0.8s      5.35nm          4.3mb
      Z  20s      0.10um          3.3Msz
SSF     25.09 172 eP     03 52.50    0.6
        1.0s      6.00nm          4.2mb
AVF     25.36 172 eP     03 55.00    0.7
        1.2s     11.90nm          4.5mb
SMF     25.52 171 eP     03 54.80   -1.2
        0.8s      4.05nm          4.2mb
YKA     38.27 316 eP     05 49.20    1.7
        1.0s      0.80nm          3.4mb
BCAO    68.62 158 ePc    09 33.10    2.0
        0.5s      3.00nm          4.7mb
WB2    122.21  51 iPKPc 17 20.10   -1.9
        0.4s      8.70nm
      S.D. = 1.6  on  14 of  14 obs.
-----------------------------------------
    FEB  19, 1992  03h 18m 34.29± 0.36s
     9.696 S ± 5.6km  154.676 E ± 8.6km
    DEPTH =  21.1km  (  4 depth phoses)
    5.1mb ( 13 obs.)  4.8Msz (  4 obs.)
 D'ENTRECASTEAUX ISLANDS REGION  (194)
      CENTROID, MOMENT TENSOR    (HRV)
      Data Used: GDSN
      L.P.B.: 26S, 54C
      Centroid Location:
      Origin Time        03:18:35.8 0.5
      Lat  9.97S 0.06 Lon 154.94E 0.05
      Dep  16.3 2.8 Half-duration  1.7
      Moment Tensor:   Scale 10**16 Nm
        Mrr=-9.84 0.40  Mtt= 8.80 0.54
        Mff= 1.05 0.53  Mrt= 6.35 1.93
        Mrf= 1.47 1.21  Mtf= 1.17 0.38
      Principal Axes:
        T  Val= 11.00  Plg=17  Azm=351
        N        0.89      2       260
        P      -11.89     73       164
      Best Double Couple:Mo=1.1*10**17
       NP1:Strike= 84 Dip=28 Slip= -86
       NP2:       259     62      -92

RAB      6.01 335 ePn    20 04.00   -0.2
PMG      7.42 272 eP     20 25.00    0.8
        1.1s    151.90nm          6.0mb
DZM     16.70 139 iPc    22 27.90   -1.0
RMQ     17.62 198 eP     22 40.60    0.4
        1.0s    118.00nm          5.0mb
BRS     17.69 186 eP     22 42.00    0.8
QIS     18.10 232 eP     22 46.00   -0.3
QLP     19.49 209 eP     23 02.60   -0.4
        1.2s    125.00nm          5.1mb
ARMA    20.81 187 eP     23 17.00   -0.1
                  i      23 22.00   18km
                  i      23 36.00
WB2     22.11 240 iPd    23 29.30   -0.8
        0.7s      8.90nm          4.3mb
CMS     23.19 199 iPd    23 40.00   -0.6
        0.5s     11.00nm          4.6mb
GUMO    25.10 337 eP     23 57.10   -2.1
BWA     25.27 192 eP     24 00.40   -0.4
                  i      24 06.80   23km
CAN     26.03 191 eP     24 07.70   -0.1
                  i      24 14.00   22km
BFD     29.48 200 eP     24 46.00    6.9X
DAV     33.44 299 e(P)   25 16.00    1.8
BAG     42.56 307 ePc    26 30.00   -0.8
                  eS     32 55.00
MAT     48.53 342 eP     27 19.00    1.1
        0.9s     12.60nm          5.0mb
                  eS     34 14.00
SSE     51.73 323 eP     27 50.00    7.6X
      Z  22s      0.90um          4.8Msz
                  S      35 06.00
SNG     56.40 285 eP     28 10.60   -6.4X
NST     59.60 295 eP     28 45.00    5.6X
BJI     60.98 327 eP     28 44.50   -3.9X
      Z  24s      0.96um          4.9MszX
                  eS     37 06.00
CHG     61.82 297 eP     28 55.50    0.9
LZH     66.03 317 eP     29 21.00   -1.0
        2.0s     67.00nm          5.4mb
      Z  22s      0.66um          4.8Msz
      E  13s      0.28um
                  pP     29 27.50   21km
                  sP     29 32.00

YAK     74.09 348 eP     30 09.90   -0.5
        1.2s     95.00nm          5.7mb
      Z  20s      0.60um          4.9Msz
GUN     76.25 302 P      30 23.60   -0.3
PKI     76.54 301 P      30 24.80   -0.7
KKN     76.72 302 P      30 25.80   -0.6
DMN     76.81 301 P      30 26.60   -0.3
GKN     77.32 302 P      30 29.20   -0.5
HYB     79.86 290 eP     30 39.00   -4.5X
PD8     80.30  24 P      30 47.30    2.3
SPA     80.37 180 iPc    30 45.60    0.1
        0.9s     25.00nm          5.2mb
SVW     80.59  22 P      30 44.90   -1.7
PMR     83.37  24 P      31 01.50    0.6
        1.3s     37.74nm          5.4mb
IMA     84.44  19 P      31 05.30   -1.2
        1.2s      7.62nm          4.8mb
KLU     84.61  25 P      31 08.80    1.5
FBA     85.73  21 eP     31 11.80   -0.9
BALM    85.88  26 P      31 14.80    1.1
BCH     91.66  55 P      31 45.10    3.4X
INK     92.34  21 eP     31 41.00   -2.9
VGB     93.04  45 P      32 00.30   12.6X
BONR    93.55  52 P      31 58.20    7.6X
TNP     94.42  52 P      31 55.50    1.1
        1.3s      9.09nm          5.0mb
YKA     98.85  28 eP     32 19.20    5.5X
        1.1s      1.30nm          4.4mb
KSP    126.63 328 ePKP   37 37.00   -0.7
BRG    127.81 329 iPKP   37 41.80    1.8
        1.2s     22.00nm
                  i      37 46.40
                  i      37 52.00
KHC    129.06 328 PKP    37 44.60    2.1
        1.0s      3.90nm
                  e      37 48.80
GEC2   129.17 328 PKP    37 41.60   -1.2
        0.8s      1.08nm
GRF    129.91 330 e(PKP)37 46.00    2.0
      Z  22s      0.20um          4.8Msz
BCAO   136.19 266 ePKPc 37 57.90    0.9
        0.8s      7.00nm
                  ic     38 03.00
TOL    144.47 331 iPKPd 38 16.00    4.9X
        1.2s     62.50nm
      S.D. = 1.2  on  40 of  51 obs.
-----------------------------------------
    FEB  19, 1992  04h 14m 17.83± 0.41s
    10.585 N ± 6.2km   62.608 W ± 4.7km
    DEPTH = 119.0 ±  5.5 km
    4.2mb (  4 obs.)
 NEAR COAST OF VENEZUELA          ( 97)
      MD 3.7 (TRN).

TCE      0.85  82 eP     14 38.11   -0.5
                  eS     14 51.87
TPP      1.17 103 eP     14 42.56    0.8
                  eS     14 59.16
TRN      1.19  87 eP     14 41.89   -0.1
                  eS     14 57.89
TBH      1.52  94 eP     14 46.04    0.3
                  eS     15 07.22
TPR      1.90  71 eP     14 50.27   -0.1
                  eS     15 14.72
BOT      1.94  73 eP     14 50.77   -0.2
                  eS     15 15.49
FCV      2.88  27 eP     15 02.74   -0.5
                  eS     15 35.75
SVB      2.98  26 eP     15 05.39    0.8
                  eS     15 39.00
GUAN     3.06 259 iP     15 06.10    0.4
                  iS     15 39.50
SLB      3.57  25 eP     15 12.22   -0.2
                  eS     15 51.81
SLW      3.78  25 eP     15 15.61    0.2
                  eS     15 57.97
LLAV     4.13 269 eP     15 21.40    1.2
                  eS     16 08.40
OLLA     4.17 263 eP     15 20.20   -0.4
                  eS     16 07.70
BIM      4.19  21 eP     15 20.52   -0.3
                  S      16 05.20
CAR      4.25 269 eP     15 23.00    1.2
                  eS     16 10.50
MVM      4.28  23 eP     15 22.01   -0.2
FDF      4.36  19 eP     15 22.23   -1.0
        0.1s      0.75nm

                  S      16 08.80
CRM      4.46  22 eP     15 24.88    0.3
MGG      5.45  13 eP     15 39.00    1.0
CEOS     5.85 255 eP     15 42.30   -1.4
DEG      5.89  15 eP     15 44.00   -0.2
BPA      6.46   6 eP     15 51.50   -0.5
SDV      8.09 259 eP     16 12.70   -1.5
LNO     39.23 315 ePd    21 36.20    0.2
TUL     39.23 315 ePd    21 36.30    0.1
        0.7s     14.30nm          4.9mb
ANMO    46.64 308 eP     22 38.00    1.7
        1.0s      2.50nm          3.9mb
SES     56.10 325 eP     23 47.00    0.1
YKA     63.72 336 eP     24 36.80   -1.8
        0.4s      2.20nm          4.4mb
MBC     72.17 348 eP     25 31.00    0.1
GEC2    73.10  42 eP     25 37.50    0.5
        0.8s      1.31nm          3.8mb
      S.D. = 0.8  on  30 of  30 obs.
-----------------------------------------
*   FEB  19, 1992  04h 46m 55.51± 0.64s
    71.885 N ± 9.1km     1.773 W ±11.8km
    DEPTH =  10.0km  (geophysicist)
    4.5mb (  8 obs.)
 JAN MAYEN ISLAND REGION          (639)

DAG      6.70 325 eP     48 35.00   -1.2
ARA0     9.28  91 Pn     49 12.73    0.6
NRA0    12.36 148 Pn     49 52.97   -1.2
APO     12.96 143 eP     50 00.80   -1.4
        0.5s      1.70nm          4.5mb
ENN     21.47 167 eP     51 46.00    0.2
        1.0s     20.00nm          4.5mb
                  e      51 53.50
KSP     22.62 149 eP     52 03.50    6.3X
GEC2    24.19 155 Pc     52 14.00    1.4
        0.6s      0.50nm          3.3mb X
LOR     24.84 171 eP     52 19.50    0.7
        0.8s      7.40nm          4.4mb
SSF     25.03 171 eP     52 20.90    0.3
        0.8s      5.35nm          4.3mb
LBF     25.12 171 eP     52 22.30    0.7
        0.8s      6.70nm          4.4mb
SMF     25.46 171 eP     52 24.80    0.1
        1.0s     12.00nm          4.5mb
TCF     25.74 174 eP     52 26.50   -0.9
        1.2s     11.90nm          4.5mb
MAF     25.82 173 eP     52 27.90   -0.2
        1.0s     11.00nm          4.5mb
YKA     38.29 316 eP     54 18.00    0.9
        0.8s      0.30nm          3.1mb X
      S.D. = 1.0  on  13 of  14 obs.
-----------------------------------------
    FEB  19, 1992  06h 02m 53.17± 0.74s
    44.539 N ± 4.4km  114.180 W ± 7.8km
    DEPTH =   5.0km  (geophysicist)
 WESTERN IDAHO                    ( 33)
      ML 3.6 (GS), 3.6 (BUT).

MCMT     0.99  73 iPc    03 12.10   -0.5
HPI      1.14 136 ePn    03 14.14   -1.0
                  ePg    03 14.99
                  eS     03 27.70
LTMT     1.48  90 ePn    03 21.00    0.2
BGMT     1.67  65 ePn    03 23.70    0.3
HBMT     1.68  41 ePn    03 23.90    0.4
LRM      1.77  43 ePn    03 25.10    0.2
BUT      1.86  37 ePg    03 29.10    2.9X
                  iSn    03 50.90
                  eSg    03 53.90
PTI      2.12 141 ePn    03 29.81   -0.1
                  eS     03 56.72
SXM      2.64  51 ePn    03 37.70    0.3
HRY      2.73  36 ePn    03 38.30   -0.2
HVU      2.94 159 ePn    03 42.69    1.1
                  eS     04 23.16
NEW      4.24 332 eP     03 59.50   -0.4
                  e(S)   05 09.50
DUG      4.46 166 ePn    04 03.00   -0.1
                  eP*    04 10.06
                  ePg    04 17.09
                  eS     05 14.76
      S.D. = 0.6  on  12 of  13 obs.
-----------------------------------------
*   FEB  19, 1992  06h 05m 37.08± 1.27s
    29.015 S ±12.6km   68.397 W ±19.7km
    DEPTH = 100.0km  (geophysicist)
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 SAN JUAN PROVINCE, ARGENTINA     (137)

RTRS     1.48 219 iPc    06 04.00   0.6
                  S      06 24.00
RTLL     2.31 182 iPd    06 14.80   0.5
                  S      06 43.00
CYA      2.36  77 iPc    06 15.80   0.9
                  S      06 43.00
RTCB     2.49 188 iPc    06 17.00   0.2
                  S      06 43.20
ZON      2.53 185 eP     06 18.30   0.9
                  eS     06 48.30
CFA      2.59 177 iPc    06 18.20   0.1
MDZ      3.88 186 i(P)   06 35.80   0.1
SLA      4.99  32 iPd    06 50.50  -0.7
RFA      5.74 181 iP     06 58.70  -2.7
     S.D. = 1.3   on    9 of    9 obs.
-----------------------------------------
?  FEB  19, 1992  06h 35m 34.13± 3.02s
   18.040 N ±32.3km  145.141 E ±54.8km
   DEPTH = 188.5 ± 25.0 km
   4.6mb (  4 obs.)
 MARIANA ISLANDS                  (216)

SAPN     2.88 168 eP     36 22.10  -0.1
                  eS     36 56.00
GUMO     4.43 183 eP     36 42.10   0.4
       0.6s   161.70nm
                  eS     37 31.60
PJG      4.43 183 eP     36 42.00   0.3
GUA      4.48 183 eP     36 41.60  -0.7
       0.4s    67.80nm
WB2     39.20 196 iPc    42 45.30  -0.3
       0.4s    13.20nm          4.9mb
WRA     39.21 196 P      42 45.70   0.1
       0.5s     6.60nm          4.5mb
ASPA    42.88 195 iPd    43 15.00  -0.6
       0.5s    12.70nm          4.7mb
WARB    47.49 203 eP     43 53.00   0.9
       0.4s     8.00nm          4.6mb
MRWA    54.76 211 eP     44 46.40  -0.1
BAL     55.57 210 eP     44 52.00  -0.2
MUN     56.94 209 eP     45 02.00   0.1
YKA     78.82  28 eP     47 16.50  -0.6
       0.8s     0.60nm          3.4mb X
SES     84.78  39 eP     47 49.00   0.7
     S.D. = 0.6   on   13 of   13 obs.
-----------------------------------------
?  FEB  19, 1992  06h 36m 28.73± 0.92s
   41.807 N ±10.7km   12.832 E ± 7.7km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN ITALY                   (390)

RMP      0.10 272 P      36 31.30  -0.1
                  eSg    36 34.00
RDP      0.10 241 P      36 31.60   0.1
                  eSg    36 33.80
MNS      0.59 349 P      36 40.70   0.0
                  eSg    36 50.40
SDI      0.74  98 Pd     36 43.30   0.0
                  eSg    36 54.40
     S.D. = 0.2   on    4 of    4 obs.
-----------------------------------------
   FEB  19, 1992  06h 39m 30.44± 0.51s
   59.187 N ± 5.6km   11.010 E ± 4.5km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN NORWAY                  (535)
      ML 3.8 (NAO). MD 3.8 (BER). Felt
      (IV) in the Oslo oreo. Also felt
      in Sweden.

KONO     0.86 303 eP     39 49.00   2.0
                  eSg    40 00.00
NRA0     1.58  10 Pn     39 59.24   0.8
                  S      40 21.01
HFS      1.66  54 eP     40 00.80   1.1
       0.3s   756.60nm
NB2      1.86   3 P      40 03.20   0.5
       0.4s   747.00nm
ODD1     2.35 290 iP     40 10.13   0.4
                  eSg    40 44.96
MUD      2.91 201 iPc    40 18.20   0.7
                  i      40 24.40
                  iS     40 45.10
HYA      3.12 312 iP     40 20.20  -0.4
                  eSg    41 10.00
EGD      3.12 293 iP     40 20.30  -0.3
                  eSg    41 09.00
ASK      3.21 296 eP     40 21.30  -0.5
                  eSg    41 12.50
UPP      3.44  76 Pn     40 25.20   0.1
                  Sg     41 17.30
COP      3.60 167 eP     40 31.60   4.3X
                  e      41 06.00
SUE      3.65 304 iP     40 27.00  -1.0
                  eSg    41 21.80
MOL      3.79 335 eP     40 29.72  -0.4
                  eSg    41 28.85
FOO      3.82 312 eP     40 29.84  -0.7
                  eSg    41 29.39
FRO      3.98 313 eP     40 32.44  -0.3
                  eSg    41 33.41
BSD      4.61 151 iPc    40 41.30  -0.3
                  i      40 57.00
                  eS     41 34.00
NSS      5.38   4 eP     40 52.08  -0.6
                  eSg    42 15.65
NUR      7.00  73 iP     41 14.30  -1.1
                  iS     42 29.10
                  iSg    43 09.70
ARA0    12.09  25 P      42 20.34  -5.1X
                  Lg     45 48.82
     S.D. = 0.9   on   17 of   19 obs.
-----------------------------------------
*  FEB  19, 1992  06h 40m 42.72± 1.19s
   15.765 N ±22.0km   93.921 W ±13.1km
   DEPTH =  76.5 ± 15.9 km
   4.3mb (  2 obs.)
 NEAR COAST OF CHIAPAS, MEXICO    ( 69)

PBJ      1.58 295 (P)    41 08.00  -1.3
                  (S)    41 26.50
TPX      1.82 118 iP     41 13.17   0.6
                  iS     41 35.76
OXX      2.99 296 iP     41 29.47   0.5
                  iS     42 02.15
IISM     4.60 315 iP     41 51.50   0.2
                  iS     42 40.89
LVVM     4.63 329 iP     41 50.03  -1.7
                  iS     42 40.50
IIT      5.29 308 eP     42 03.30   2.0
                  iS     43 02.00
PPM      5.56 307 eP     42 07.08   1.8
                  iS     43 09.00
IIA      5.64 307 (P)    42 09.07   3.3X
ACX      5.81 282 iP     42 05.51  -2.7
III      5.91 297 iP     42 09.50  -0.3
MRX      7.96 301 (P)    42 39.37   1.5
TUL     20.13 356 e(P)   45 13.00   0.0
       0.5s     8.50nm          4.3mb
ACO     21.36 348 iPd    45 28.90   3.4X
ELC     21.84  10 P      45 29.64  -0.6
BONR    30.84 320 (P)    46 55.76   1.7
YKA     48.90 347 eP     49 21.10  -1.4
       0.7s     1.90nm          4.2mb
MBC     61.95 353 eP     50 56.00  -0.4
     S.D. = 1.6   on   15 of   17 obs.
-----------------------------------------
?  FEB  19, 1992  06h 59m 30.46± 0.96s
   44.602 N ± 6.4km    7.242 E ±15.1km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                   (545)
      ML 1.5 (GEN).

PZZ      0.14 226 P      59 33.87   0.0
                  S      59 36.22
BHB      0.24   4 P      59 35.61   0.0
                  S      59 39.26
STV      0.36 171 P      59 38.05   0.1
                  S      59 43.05
ENR      0.40 161 P      59 38.52  -0.1
                  S      59 43.88
     S.D. = 0.1   on    4 of    4 obs.
-----------------------------------------
   FEB  19, 1992  07h 07m 57.53± 0.84s
   44.513 N ± 5.3km  114.197 W ± 8.4km
   DEPTH =   5.0km  (geophysicist)
 WESTERN IDAHO                    ( 33)
      ML 3.0 (GS), 3.2 (BUT).

MCMT     1.01  71 iPc    08 16.90  -0.4
HPI      1.13 135 ePn    08 18.78  -0.5
                  eS     08 32.51
LTMT     1.49  89 ePn    08 25.50   0.2
BGMT     1.69  64 ePn    08 28.40   0.3
HBMT     1.70  41 ePn    08 28.50   0.2
LRM      1.80  43 ePn    08 29.80   0.1
BUT      1.89  37 ePg    08 33.70   2.7X
                  eSn    08 55.50
                  eSg    08 58.90
PTI      2.11 140 e(P)   08 34.16   0.1
                  eS     09 01.53
HVU      2.92 159 e(Pn)  08 46.13   0.4
                  e      08 48.42
HVU      2.92 159 ePg    08 53.57   7.9X
                  eS     09 27.03
NEW      4.26 333 eP     09 04.30  -0.3
     S.D. = 0.4   on    9 of   11 obs.
-----------------------------------------
?  FEB  19, 1992  07h 09m 04.24± 2.10s
   0.740 S ±53.8km   23.467 W ±10.4km
   DEPTH =  10.0km  (geophysicist)
   4.5mb (  5 obs.)
 CENTRAL MID-ATLANTIC RIDGE       (406)

LIC     19.66  69 P      13 36.80   0.3
TIC     19.82  68 P      13 38.00  -0.1
KIC     19.98  69 P      13 39.60  -0.2
       1.1s    34.50nm          4.6mb
BCAO    42.28  83 iPd    17 03.50   3.5X
       0.5s     5.00nm          4.5mb
GEC2    58.89  28 P      19 05.60  -0.2
       1.6s     2.66nm          4.1mb
NB2     67.11  17 P      20 00.50   0.5
       1.1s     4.40nm          4.6mb
ANMO    84.67 305 (P)    21 40.00  -0.1
SRU     88.17 309 (P)    21 57.93   0.7
YKA     91.18 332 eP     22 09.60  -0.9
       0.9s     1.40nm          4.3mb
     S.D. = 0.6   on    8 of    9 obs.
-----------------------------------------
*  FEB  19, 1992  07h 40m 47.94± 2.30s
   44.522 N ± 7.8km  114.001 W ±23.1km
   DEPTH =   5.0km  (geophysicist)
 WESTERN IDAHO                    ( 33)
      ML 3.0 (GS), 3.1 (BUT).

MCMT     0.88  69 iPc    41 05.40   0.0
HPI      1.04 141 ePn    41 07.48  -0.8
                  ePg    41 08.14
                  eS     41 23.71
LTMT     1.35  89 ePn    41 14.90   1.2
BGMT     1.56  62 ePn    41 16.60  -0.1
HBMT     1.61  37 ePn    41 17.20  -0.1
LRM      1.70  40 ePn    41 18.30  -0.4
BUT      1.80  34 ePg    41 22.30   2.2X
                  eSn    41 44.00
                  eSg    41 47.50
PTI      2.03 144 e(P)   41 22.05  -1.3
                  eS     41 49.94
HVU      2.88 161 eP     41 37.02   1.4
                  eS     42 15.53
     S.D. = 1.1   on    8 of    9 obs.
-----------------------------------------
?  FEB  19, 1992  08h 17m 21.80± 0.61s
   8.941 S ±11.3km  123.983 E ±15.1km
   DEPTH =  33.0km  (normal)
   4.9mb (  4 obs.)
 FLORES REGION, INDONESIA         (286)

KNA      8.22 146 iPc    19 19.70  -2.1
                  eS     20 45.00
MBL     12.79 198 eP     20 24.00  -0.1
                  eS     22 36.00
WB2     14.84 139 iPd    20 50.00  -1.1
       0.2s    18.40nm          5.1mb X
                  eS     23 22.90
WARB    17.33 172 eP     21 24.00   1.0
                  eS     24 23.00
ASPA    17.45 148 iPc    21 25.30   0.9
       0.5s    47.40nm          4.9mb
                  iS     24 25.50
OIS     18.99 129 iPc    21 45.20   1.7
       0.4s     8.00nm          4.3mb
                  eS     24 55.00
CHTO    37.02 318 (P)    24 31.00   0.5
GUN     51.97 316 P      26 30.60   0.0
       0.8s    26.00nm          5.2mb
PKI     52.08 315 P      26 30.80  -0.6
       0.7s    11.00nm          4.9mb
KKN     52.30 316 P      26 32.60  -0.4
```

```
DMN     52.31 315 P      26 33.40   0.3
GKN     52.88 315 P      26 37.00  -0.2
NB2    108.72 332 PKP    35 57.20   8.3X
        0.8s      3.00nm
      S.D. = 1.1  on  12 of  13 obs.
-----------------------------------------
%  FEB  19, 1992  08h 17m 32.47± 0.66s
   40.480 N ± 5.8km   23.551 E ± 5.9km
   DEPTH =  10.0km  (geophysicist)
 GREECE                              (364)

OUR      0.36 114 ePg    17 40.46   0.6
                  eSg    17 45.74
SOH      0.37 336 ePg    17 39.98  -0.2
                  eSg    17 45.46
THE      0.47 289 ePg    17 41.77  -0.3
                  eSg    17 47.90
PAIG     0.56 170 ePg    17 43.09  -0.7
                  eSg    17 50.82
SRS      0.64   3 ePg    17 44.92  -0.4
                  eSg    17 54.14
LIT      0.90 245 ePg    17 49.98   0.3
                  eSg    18 02.50
GRG      1.00 299 ePg    17 52.01   0.6
                  eSg    18 05.98
      S.D. = 0.6  on   7 of   7 obs.
-----------------------------------------
*  FEB  19, 1992  09h 37m 16.94± 0.77s
   47.838 N ±14.8km  154.487 E ±16.2km
   DEPTH =  33.0km  (normal)
   4.7mb ( 13 obs.)  4.4Msz (  1 obs.)
 KURIL ISLANDS                       (221)

YAK     19.92 325 eP     41 48.00  -0.3
        1.3s     31.00nm          4.5mb
FBA     34.73  39 eP     44 05.80   0.3
YKA     49.49  38 eP     46 05.10  -0.5
        0.9s      0.60nm          3.6mb X
NB2     67.50 342 P      48 09.70  -1.6
        0.7s      1.20nm          4.1mb
WRA     69.85 200 P      48 25.90  -0.3
        0.4s      0.30nm          3.7mb
EKA     75.50 347 P      48 59.00  -0.1
        1.9s     44.60nm          5.1mb
GEC2    77.88 335 PKP    49 12.40  -0.3
KBA     79.58 334 i(P)   49 23.00   0.9
        1.0s     11.60nm          4.8mb
                  e      49 42.00
LOR     81.88 340 eP     49 34.10   0.1
        1.0s     14.00nm          4.9mb
      Z  20s      0.15um          4.4Msz
LBF     82.12 340 eP     49 34.60  -0.7
        0.8s      5.35nm          4.6mb
SSF     82.15 340 eP     49 34.70  -0.7
        1.0s      8.00nm          4.7mb
AVF     82.44 340 eP     49 37.20   0.3
        0.6s      4.50nm          4.7mb
SMF     82.47 340 eP     49 36.90  -0.2
        0.6s      3.60nm          4.6mb
LPL     82.83 338 eP     49 40.20   1.0
        0.9s      6.55nm          4.7mb
LPG     82.84 338 eP     49 40.60   1.2
        0.8s      6.70nm          4.8mb
MAF     83.16 341 eP     49 41.50   0.9
        0.8s      6.70nm          4.8mb
      S.D. = 0.8  on  16 of  16 obs.
-----------------------------------------
&  FEB  19, 1992  11h 04m 02.26s
   36.028 N          117.892 W
   DEPTH =   3.2km
 CALIFORNIA-NEVADA BORDER REGION ( 40)
      <PAS-P>. ML 2.5 (PAS).

PANV     0.74  60 P      04 16.10  -1.0
MCA      0.79  38 P      04 16.80  -1.3
FMT      1.09  55 P      04 22.40  -1.0
SGV      1.18  36 P      04 24.90  -0.1
LCH      1.22   9 P      04 24.60  -1.1
SDH      1.40  63 P      04 27.90  -0.8
YMT3     1.41  57 P      04 28.20  -0.7
MGM      1.45  13 P      04 30.00   0.5
YMT5     1.45  53 P      04 29.00  -0.5
YMT6     1.46  55 P      04 28.80  -0.8
LSM      1.49  61 P      04 29.30  -0.7
JON      1.50  74 P      04 30.00  -0.2
TMBR     1.57  50 P      04 30.80  -0.5
ABL      1.60 223 ePc    04 31.45  -0.2
                  eS     04 53.77
BONR     1.95 350 ePnd   04 37.16   0.3
                  iPgd   04 38.87
BCH      1.97 245 eP     04 37.32   0.3
                  eS     05 03.92
PHAM     2.04 265 eP     04 39.15   1.2
                  eS     05 06.53
TNP      2.12  15 ePn    04 39.91   0.7
                  iPgc   04 41.86
                  eS     05 10.61
PEC      2.21 164 eP     04 39.74  -0.7
                  eS     05 11.80
        19 obs. associated
-----------------------------------------
&  FEB  19, 1992  11h 19m 24.87s
   36.026 N          117.889 W
   DEPTH =   2.9km
   3.7mb (  2 obs.)
 CALIFORNIA-NEVADA BORDER REGION ( 40)
      <PAS-P>. ML 4.1 (PAS), 4.0 (GS).
      Felt in the Chino Loke-
      Ridgecrest area.

CLC      0.32 131 iPc    19 31.00  -0.2
ISA      0.60 233 iPd    19 36.20  -0.6
PANV     0.74  60 P      19 38.70  -0.9
MCA      0.79  38 P      19 39.50  -1.2
OSM      0.83  94 P      19 40.30  -1.1
FMT      1.09  55 P      19 45.00  -1.0
GSC      1.14 129 iPc    19 46.00  -1.0
SGV      1.18  36 P      19 46.80  -0.8
LCH      1.22   9 P      19 47.20  -1.2
SBB      1.34 178 iPd    19 49.20  -1.1
SDH      1.40  63 P      19 50.50  -0.8
PPK      1.40 359 P      19 50.50  -0.9
YMT3     1.41  57 P      19 50.90  -0.7
MGM      1.45  12 P      19 50.70  -1.5
YMT5     1.45  53 P      19 51.60  -0.5
YMT6     1.46  55 P      19 51.50  -0.7
JON      1.50  74 P      19 51.90  -0.9
TMBR     1.57  50 P      19 53.50  -0.5
ABL      1.60 223 ePnd   19 53.50  -0.8
                  eS     20 15.61
SVP      1.69   2 P      19 55.70   0.0
FRI      1.75 304 iPc    19 56.31   0.0
PKEM     1.80 272 ePn    19 57.49   0.4
                  iPgd   19 58.27
                  eS     20 20.30
MWC      1.80 184 P      19 56.94  -0.3
                  S      20 22.21
PAS      1.89 187 eP     19 57.70  -0.6
GFP      1.92 190 P      19 58.00  -0.8
                  S      20 26.68
BONR     1.95 350 iPc    19 59.77   0.2
BCH      1.98 246 ePn    19 59.19  -0.5
                  iPg    20 00.08
                  eS     20 26.33
TPRS     2.02 197 P      19 59.38  -0.8
PHAM     2.05 265 ePn    20 01.02   0.4
                  eS     20 29.01
TNP      2.12  14 iPnd   20 01.52  -0.4
                  ePgc   20 04.27
VPD      2.21 177 P      20 02.28  -0.7
PEC      2.21 164 ePnc   20 01.84  -1.2
                  ePgc   20 05.76
                  eS     20 34.30
PRI      2.25 274 iPc    20 04.15   0.4
PVPS     2.27 191 P      20 03.27  -0.6
                  S      20 37.42
PVRC     2.30 190 P      20 03.57  -0.8
FMA      2.33 188 P      20 03.64  -1.1
TPC      2.44 141 iPc    20 04.50  -1.8
LLA      2.54 284 iPc    20 07.65   0.0
                  eS     20 40.40
CIW      2.61 192 P      20 07.44  -1.2
                  S      20 46.82
PLM      2.80 162 iPnc   20 10.41  -1.2
                  iPgc   20 16.62
                  eS     20 51.61
CMB      2.83 316 (P)    20 12.21   0.3
                  ePgc   20 14.21
                  eS     20 51.13
PRS      2.83 277 iPc    20 12.61   0.7
HAY      2.96 141 eP     20 11.40  -2.3
SAO      2.96 285 eP     20 14.09   0.4
                  eS     20 55.98
KVN      3.02 357 ePn    20 14.84   0.1
                  eS     21 01.85
ARN      3.21 295 ePn    20 16.94  -0.3
                  ePg    20 19.54
                  eS     20 58.45
GCC      3.46 288 eP     20 20.91   0.2
BAR      3.49 163 eP     20 19.60  -1.6
PCC      3.90 294 ePc    20 25.92  -1.0
GLA      3.90 139 ePn    20 23.11  -3.9
                  ePg    20 35.40
                  eS     21 25.64
ZSP      3.99 300 eP     20 29.00   0.8
ORV      4.54 322 ePnc   20 36.61   0.6
                  eS     21 37.71
MSU      5.19  60 ePn    20 44.82  -0.7
                  ePg    21 00.70
                  eS     22 05.38
DUG      5.77  42 (Pn)   20 54.51   0.8
        0.6s      1.35nm          3.8mb X
                  ePg    21 11.29
                  eS     22 28.91
SRU      6.61  60 (Pn)   21 04.88  -0.7
                  ePg    21 28.31
                  eS     22 51.64
EMUT     6.75  54 (Pn)   21 05.67  -1.9
DAU      6.81  48 (Pn)   21 08.00  -0.5
                  ePg    21 33.30
                  eS     23 02.51
HVU      6.99  33 ePn    21 11.05   0.2
                  ePg    21 35.00
PTI      8.06  30 (Pn)   21 25.15  -0.6
                  ePg    21 54.46
HPI      8.51  24 ePn    21 29.80  -2.4
                  ePg    21 59.65
                  eS     23 51.29
FFC     21.69  25 eP     24 18.00  -0.7
        0.8s      6.00nm          4.0mb
YKA     26.57   3 eP     25 08.40   2.8
        0.8s      0.50nm          3.3mb
        62 obs. associated
-----------------------------------------
   FEB  19, 1992  11h 36m 56.30± 0.15s
   28.038 N ± 3.3km  142.519 E ± 3.4km
   DEPTH =  30.2km  ( 23 depth phases)
   5.4mb ( 68 obs.)  5.1Msz (  6 obs.)
 BONIN ISLANDS REGION                (212)
      Mo=6.3*10**17 Nm (PPT).
      CENTROID, MOMENT TENSOR     (HRV)
      Data Used: GDSN
      L.P.B.: 25S, 52C
      Centroid Location:
      Origin Time        11:36:55.9 0.4
      Lat 27.82N 0.06 Lon 142.64E 0.04
      Dep  26.2 2.5 Half-duration  2.3
      Moment Tensor;   Scale 10**17 Nm
        Mrr= 0.95 0.05  Mtt= 0.24 0.09
        Mff=-1.19 0.06  Mrt=-0.17 0.12
        Mrf= 1.56 0.19  Mtf=-0.02 0.06
      Principal Axes:
        T  Val=  1.79  Plg=62  Azm=258
        N        0.23       4       356
        P       -2.02      28        88
      Best Double Couple:Mo=1.9*10**17
       NP1:Strike=190 Dip=17 Slip= 105
       NP2:        355      73        85

KAKJ     8.38 347 eP     38 54.30  -4.4X
                  eS     40 26.10
IIDJ     8.39 333 eP     38 58.30  -0.6
                  eS     40 36.70
CHJJ     8.53 340 eP     38 57.80  -2.9X
                  eS     40 31.00
WKYJ     8.55 318 P      39 00.50  -0.6
MAT      9.23 338 iPc    39 07.90  -2.5
        1.1s     82.28nm          5.9mb
                  eS     40 49.00
TSRJ     9.31 325 eP     39 12.00   0.4
TKSJ     9.37 311 eP     39 14.50   2.1
MTMJ     9.41 336 eP     39 11.80  -1.1
NIIJ     9.64 343 eP     39 12.40  -3.7X
                  eS     40 57.80
YAMJ    10.32 349 eP     39 20.60  -4.8X
                  eS     41 07.40
YONJ    10.50 315 eP     39 28.30   0.4
KAGJ    10.60 290 eP     39 33.20   4.0X
OFUJ    11.04 357 eP     39 27.90  -7.2X
                  eS     41 22.30
KUMJ    11.05 297 eP     39 38.20   2.8X
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19d 11h

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SHNJ   11.51 305 eP    39 43.70   2.2
HOOJ   14.33   2 eP    40 13.80  -5.1X
                eS    42 42.30
MREJ   14.40 356 eP    40 15.10  -4.8X
                eS    42 43.10
GUMO   14.54 171 eP    40 18.30  -3.6X
                e     40 32.90
                eS    43 05.00
GUA    14.60 171 eP    40 18.70  -4.0X
KUSJ   15.13   6 eP    40 22.50  -7.0X
                eS    42 59.30
ASAJ   16.05   0 eP    40 37.70  -3.6X
SSE    18.80 284 iP+   41 16.00   0.3
       1.1s    85.00nm          4.9mb
     Z  18s     4.90um          5.8Msz
     N  16s     2.40um
                pP    41 32.00
                S     44 20.00
                SS    44 48.00
                i     45 02.00
BAG    23.33 245 eP    42 03.90   0.8
       1.2s    46.88nm          4.9mb
                eS    46 12.00
BJI    24.80 306 ePd-  42 15.00  -1.9
       1.9s   210.00nm          5.4mb
     Z  16s     8.76um          5.4MszX
     N  16s     4.08um
     E  16s     6.60um
                e     43 10.00
                eS    46 48.00
HKC    26.25 264 ePc   42 32.30   1.7
DAV    26.30 221 eP    42 27.00  -4.1X
KKM    33.18 234 ePc   43 34.00   1.4
LZH    33.57 294 iPc   43 34.60  -1.4
       1.5s   156.00nm          5.7mb
     Z  20s     2.96um          5.0Msz
     N  13s     1.53um
                pP    43 41.00  22km
                sP    43 43.50
                PP    44 54.00
                S     49 09.00
                sS    49 19.50
                eSS   51 26.00
                ScS   55 54.00
YAK    35.03 350 iPc   43 46.20  -1.8
       1.7s   140.00nm          5.6mb
     Z  18s     1.90um          4.9Msz
     N  18s     1.30um
                ipP   44 15.00 128kmX
                ePP   45 12.00
                ePPP  45 34.00
                eS    49 14.00
KMI    35.59 275 Pc    43 53.50   0.0
       1.5s   570.00nm          6.3mb
     Z  17s     3.80um          5.2MszX
     N  15s     1.30um
     E  17s     3.20um
                pP    44 08.00  56kmX
                PPP   45 19.00
                S     49 03.00
                sS    49 27.00
IRK    37.28 321 iPc+  44 08.00   0.9
       4.0s     0.63nm          2.8mb X
     Z  17s     5.59um          5.4MszX
     N  17s     1.91um
     E  17s     3.44um
                e     44 14.00  20km
                e     44 26.40
                eS    49 56.00
                e     50 24.00
                e     53 06.00
                LR    58 32.00
PMG    37.49 172 eP    44 08.90  -0.3
       1.1s    53.16nm          5.3mb
LOE    38.92 263 eP    44 21.00  -0.3
CHG    40.84 267 iPc   44 37.90   0.7
       1.5s   208.33nm          5.6mb
                eS    51 12.00
NST    41.02 262 eP    44 45.50   6.9X
BDT    41.38 264 eP    44 42.00   0.5
       1.0s    34.50nm          5.0mb
NNT    42.73 258 eP    44 54.00   1.4
KHT    42.74 261 eP    44 54.40   1.7
SNG    44.70 250 eP    45 10.50   1.9
       1.2s   234.38nm          5.9mb
SHL    45.00 279 iPc   45 10.50  -0.7
       1.1s   142.41nm          5.8mb
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                eS    51 51.50
TPI    45.40 233 ePd   45 14.50   0.3
KGM    45.50 242 ePc   45 16.80   1.8
       1.2s   215.60nm          5.9mb
IPM    45.80 247 ePc   45 18.50   1.1
       1.0s   146.10nm          5.9mb
                e     46 56.70 529kmX
WB2    48.35 190 iPd   45 36.60  -0.7
       0.9s   146.30nm          6.0mb
                eS    52 34.00
                e     52 47.70
WRA    48.35 190 P     45 36.70  -0.6
       0.5s    47.20nm          5.8mb
QIS    48.39 184 eP    45 36.80  -0.8
SDN    48.78  40 P     45 37.50  -2.7
       0.8s    76.97nm          5.8mb
ANM    48.99  27 eP    45 41.60  -0.1
GUN    49.62 284 P     45 47.80   0.3
PKI    50.10 284 P     45 50.80  -0.4
KKN    50.16 284 P     45 51.20  -0.3
DMN    50.36 284 P     45 52.80  -0.2
GSI    50.50 246 ePc   45 52.00  -1.9
GKN    50.66 284 P     45 55.00  -0.2
ASPA   52.07 190 iPc   46 04.20  -1.5
       0.9s    27.70nm          5.2mb
                eS    53 22.40
                iScS  55 56.90
SVW    52.32  33 eP    46 06.10  -1.1
TTA    52.49  30 eP    46 10.34   1.9
PDB    52.82  35 eP    46 08.28  -2.6
MBL    53.60 207 eP    46 16.00  -1.0
IMA    54.12  27 eP    46 19.90  -0.6
       1.6s    23.20nm          5.0mb
OLP    54.33 178 eP    46 20.30  -1.9
BRW    54.41  20 eP    46 21.90  -0.5
RMQ    54.54 173 eP    46 23.20  -0.6
DZM    54.91 153 iPc   46 27.50   0.7
BRS    55.98 169 iPc   46 33.60  -0.7
       1.0s     5.00nm          4.5mb
                i     46 47.00  48kmX
WARB   56.03 197 eP    46 34.10  -0.5
NDI    56.78 287 iPc   46 40.00  -0.1
       1.2s   234.38nm          6.1mb
CMS    59.28 177 eP    46 56.00  -1.4
       0.8s     9.00nm          5.0mb
HYB    59.37 274 iPc   46 57.50  -0.9
       1.2s    92.80nm          5.8mb
                e     47 45.50 210kmX
GAR    59.76 301 iP    47 00.20  -0.7
FORR   60.15 194 eP    47 03.00  -0.4
COOL   62.04 201 eP    47 14.50  -1.8
INK    62.05  25 ePc   47 14.50  -1.4
       1.1s    40.00nm          5.5mb
MRWA   62.33 206 eP    47 17.00  -1.2
BWA    62.37 174 eP    47 18.80   0.4
POO    63.08 278 iPc   47 23.40  -0.1
BAL    63.31 205 eP    47 23.00  -1.6
CAN    63.31 174 eP    47 24.50  -0.1
BOM    63.84 278 iP    47 27.60  -0.8
                eS    56 06.00
BFD    64.87 180 iPc   47 36.00   1.4
       0.9s    38.00nm          5.5mb
MBC    64.91  15 ePc   47 33.70  -0.9
       1.3s    58.00nm          5.5mb
NWAO   65.21 203 eP    47 36.50  -0.5
TOO    65.32 177 eP    47 38.00   0.4
       0.8s    67.00nm          5.8mb
RKG    66.78 203 eP    47 45.00  -2.0
MAIO   68.76 301 iPc   48 00.50   0.8
                eS    57 14.00
YKA    71.18  29 eP    48 16.50   2.7X
       0.9s    10.30nm          4.9mb
KEV    72.19 341 eP    48 19.00  -0.8
GMW    72.85  45 P     48 23.60  -0.5
RMW    73.49  45 P     48 29.10   1.2
SHW    73.73  46 P     48 30.80   1.4
PNT    74.07  42 eP    48 31.00  -0.2
       0.9s    18.00nm          5.1mb
DAG    74.80 356 iPd   48 34.60  -0.3
       1.2s    45.31nm          5.4mb
DPW    75.54  43 P     48 40.20   0.5
                pP    48 50.20  32km
OBN    75.92 325 iPc   48 41.90   0.3
       1.1s   180.00nm          6.0mb
     Z  17s     4.80um          5.9MszX
     N  16s     1.80um
     E  16s     2.90um
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                e     49 10.00 110kmX
                e     49 28.00
                ePcP  51 33.00
                eS    58 24.00
SHI    76.69 297 eP    48 47.00   0.3
KAF    76.76 334 eP    48 46.10  -0.1
       0.5s     7.30nm          5.0mb
ORV    76.98  52 P     48 47.40  -0.5
                pP    48 57.90  34km
ARN    77.91  54 P     48 53.50   0.4
NUR    78.35 333 eP    48 55.20   0.2
       0.5s     2.70nm          4.5mb
CMB    78.42  53 P     48 55.80  -0.1
       1.0s    25.89nm          5.2mb
SES    78.51  39 eP    48 55.00  -1.2
       1.4s    93.00nm          5.6mb
KER    78.83 303 ePc   48 58.00  -0.4
PHAM   79.40  55 P     49 02.40   1.1
                pP    49 12.20  31km
KVN    79.56  51 P     49 03.20   0.9
BCH    79.92  56 P     49 04.00  -0.2
BONR   79.93  52 P     49 05.00   0.6
                pP    49 15.70  34km
LRM    79.98  43 eP    49 04.00  -0.5
TNP    80.62  52 P     49 08.00   0.0
       0.9s    11.40nm          4.9mb
HPI    80.63  45 P     49 10.00   2.0
                pP    49 19.40  30km
ABL    80.70  56 P     49 09.50   1.0
                pP    49 19.40  31km
FFC    80.79  32 iPc   49 07.70  -0.5
       1.0s    24.00nm          5.2mb
MSL    80.79 306 iPd   49 09.50   0.9
                epP   49 17.50  25km
                esP   49 24.50
                eSKS  59 15.00
                eS    59 22.50
ISA    80.87  55 eP    49 09.00  -0.2
BHD    81.34 303 iPd   49 12.50   1.0
                epP   49 23.50  35km
                epSKS 59 20.00
CLC    81.43  54 eP    49 13.00   0.9
UPP    81.46 335 iP    49 11.30  -0.3
PTI    81.51  46 P     49 14.40   1.9
SBB    81.80  55 eP    49 14.00   0.0
HVU    81.81  47 P     49 15.50   1.5
                pP    49 25.40  31km
RVR    82.45  56 eP    49 17.00  -0.3
DUG    82.58  48 P     49 18.30   0.2
       1.0s    17.06nm          5.1mb
                pP    49 29.00  34km
PEC    82.66  56 P     49 18.50   0.0
       1.1s    10.76nm          4.8mb
HFS    82.68 337 eP    49 17.50  -0.5
       0.8s    15.80nm          5.1mb
     Z  18s     0.66um          5.0Msz
                LR    23 51.00
NAO    83.13 338 P     49 19.80  -0.6
       0.9s    17.60nm          5.2mb
PLM    83.14  56 eP    49 21.00  -0.1
BW06   83.33  45 P     49 22.00   0.0
       1.0s     7.17nm          4.8mb
                pP    49 32.50  33km
TPC    83.36  55 eP    49 21.00  -1.1
DAU    83.49  48 P     49 24.00   1.0
                pP    49 34.20  32km
BAR    83.60  56 eP    49 23.00  -0.3
MSU    83.86  50 P     49 26.30   1.5
EMUT   84.09  48 P     49 27.50   1.5
                pP    49 37.00  30km
KAS    84.61 314 iPc   49 29.70   1.4
SRU    84.65  48 P     49 28.90   0.2
                pP    49 39.40  33km
GLA    84.77  55 eP    49 28.00  -1.2
BSD    85.83 333 iPd   49 34.30   0.3
       1.0s    48.00nm          5.7mb
                i     49 43.60  29km
RSSD   85.92  41 P     49 35.00   0.0
       1.2s    21.14nm          5.2mb
BBTK   86.08 313 eP    49 44.00   8.3X
MLR    86.89 321 eP    49 40.50   0.9
MUD    87.01 336 iP    49 41.00   1.3
       1.1s    40.00nm          5.6mb
KRA    87.09 327 eP    49 41.20   0.9
       1.4s   112.00nm          5.9mb
                i     49 50.30  29km
                i     52 59.00 .
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SPC     87.52 326 eP     49 43.30   0.7
                e        53 38.10
HRI     87.62 307 eP     49 46.50   3.2X
GOL     87.66  46 P      49 45.00   1.4
        1.2s     1.34nm          4.1mb X
KSP     88.26 329 ePc    49 46.20   0.3
        1.1s    29.00nm          5.5mb
                e        49 56.00  31km
                e        53 20.00
CSS     88.39 309 eP     49 51.80   4.9X
PSZ     88.54 325 eP     49 40.80  -6.6X
JVI     88.61 306 eP     49 48.20   0.2
BRG     89.28 330 iP     49 51.20   0.4
        1.4s    26.00nm          5.3mb
                i        49 57.00  18kmX
                e        53 22.50
CLL     89.37 331 iPd    49 51.30   0.1
        1.7s    52.00nm          5.6mb
                i        50 00.20  28km
SRO     89.40 326 iP     49 51.30  -0.1
ANMO    89.65  50 P      49 54.60   1.5
PRU     89.65 329 P      49 52.50   0.0
        1.8s    47.90nm          5.5mb
      Z  15s     1.50um          5.5MszX
      N  16s     0.80um
      E  15s     1.00um
                e        52 30.50 772kmX
ZST     89.73 327 iP     49 53.30   0.4
MBH     90.11 304 eP     49 54.60  -0.6
BEO     90.31 323 eP     49 54.30  -1.4
KHC     90.71 329 iPc    49 57.50   0.0
        1.3s    18.10nm          5.2mb
      Z  16s     2.90um          5.8MszX
      N  16s     1.00um
      E  16s     2.30um
                i        50 07.40  31km
GEC2    90.86 329 Pc     49 56.70  -1.6
        0.9s     4.90nm          4.9mb
GRF     91.33 331 ePc    50 00.90   0.6
        1.4s    63.00nm          5.8mb
      Z  18s     0.60um          5.1Msz
                e(pP)    50 10.30  29km
                e        50 17.70
                ec       50 22.50
VAY     91.42 319 eP     50 01.00   0.1
SKO     91.65 320 iP     50 02.00   0.1
      Z  17s     1.90um          5.6MszX
      N  16s     1.09um
      E  17s     0.68um
                LR       34 57.00
PTJ     91.89 326 eP     50 02.90  -0.2
EKA     91.91 341 P      50 12.00   9.1X
        1.3s    18.90nm          5.4mb
BHG     92.06 329 iPc    50 04.10   0.4
        1.5s    81.00nm          5.9mb
KBA     92.31 328 iPc    50 04.50  -0.6
        1.0s    20.00nm          5.5mb
                i        50 18.50  47kmX
                i        53 08.70
                i        53 42.20
LJU     92.49 327 e(P)   50 05.50  -0.2
VBY     92.52 326 ePd    50 04.40  -1.4
                e        50 10.50  19kmX
                e        50 15.60
CEY     92.76 327 ePd    50 06.00  -1.0
VOY     92.81 327 eP     50 06.60  -0.7
FVI     92.93 328 P      50 06.90  -0.7
SQTA    93.19 329 iPc    50 08.50  -0.6
        1.3s    22.80nm          5.4mb
                i        50 18.10  30km
ACO     93.38  45 e(P)   50 12.50   2.5X
CTI     93.86 328 P      50 11.00  -1.2
CDF     93.99 332 eP     50 12.10  -0.6
        1.2s    29.75nm          5.6mb
LIBD    94.05 332 P      50 13.38   0.5
FEL     94.09 331 P      50 13.38   0.2
ECH     94.19 332 P      50 13.53   0.0
MOF     94.48 332 P      50 14.82  -0.2
BSF     94.64 332 eP     50 14.60  -1.1
        1.2s    23.80nm          5.5mb
VITF    94.67 333 P      50 15.84   0.1
HAU     94.69 332 eP     50 15.20  -0.6
        1.0s     8.00nm          5.1mb
      Z  20s     0.80um          5.2Msz
MEO     94.94  46 iPc    50 18.40   1.2
LOMF    95.01 332 P      50 17.46   0.1
SFI     95.34 327 P      50 19.00   0.2
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LOR     96.29 333 eP     50 22.50  -0.7
        0.9s     8.20nm          5.2mb
      Z  20s     0.63um          5.1Msz
LBF     96.47 333 eP     50 23.00  -1.1
        1.0s    10.00nm          5.3mb
LPL     96.49 330 eP     50 24.00  -0.4
        1.2s    17.85nm          5.4mb
LPG     96.49 330 eP     50 24.10  -0.4
        1.3s    21.65nm          5.5mb
SSF     96.60 333 eP     50 24.10  -0.5
        1.0s     9.00nm          5.2mb
SMF     96.80 333 eP     50 24.70  -0.8
        1.4s    21.80nm          5.5mb
AVF     96.88 333 eP     50 25.20  -0.6
        1.4s    39.20nm          5.7mb
MAF     97.66 333 eP     50 25.10  -4.3X
        1.2s    13.40nm          5.3mb
BCAO   117.18 292 ePKPd  55 44.20   3.2X
        0.9s     9.00nm
                ic       56 10.30
                id       56 51.70
BUL    119.78 262 iPKPd  55 49.90   4.0X
        0.9s     4.62nm
                ipP      55 58.40
                i        57 17.00
SLR    121.95 256 iPKPc  55 51.00   1.1
TIC    133.40 313 PKP    56 13.00   1.0
KIC    133.44 312 PKP    56 13.00   1.0
LIC    133.72 312 PKP    56 13.80   1.3
ARE    146.59  77 ePKP   56 39.00   3.1X
LPB    149.53  74 PKP    56 43.00   2.3
MDZ    152.59 108 e(PKP) 56 46.70   2.3
RFA    152.79 112 iPKPc  56 46.50   1.9
      S.D. = 1.0  on 175 of 201 obs.
-----------------------------------------
&  FEB  19, 1992  11h 45m 29.76s
   61.688 N          150.707 W
   DEPTH =  58.0km
 SOUTHERN ALASKA                    (  2)
      <AEIC>. ML 3.0 (AEIC), 3.7
      (PMR).

SUA      0.23 184 iPc     45 39.61   0.2
                eS       45 47.81
PWA      0.40  95 iPc     45 40.80   0.2
SKT      0.49 307 iPd     45 40.81  -0.8
                eS       45 49.86
PMS      0.71 128 iPc     45 43.57  -0.6
CGLM     0.73 239 iPd     45 44.04  -0.4
                eS       45 55.51
CUT      0.75  16 iPc     45 43.83  -0.7
NCG      0.75 248 iPd     45 43.92  -0.8
                eS       45 55.72
PLRM     0.76  97 iPc     45 43.91  -0.8
                eS       45 55.50
PMR      0.76  97 iPc     45 43.61  -1.1
                iS       45 55.12
CRP      0.81 239 iPd     45 45.16  -0.4
SPU      0.82 232 iPd     45 44.89  -0.7
                eS       45 57.26
CKN      0.85 237 iPd     45 45.53  -0.4
GHO      0.85  84 iPd     45 45.47  -0.5
                eS       45 58.43
BGL      0.91 243 iPd     45 46.19  -0.6
CKL      0.93 239 iPd     45 46.27  -0.7
BKG      0.97 231 iPd     45 46.76  -0.8
                eS       46 00.88
KNK      1.11 103 iPd     45 48.77  -0.7
                eS       46 03.86
SML      1.14  83 iPd     45 48.81  -1.0
                eS       46 04.60
SLKM     1.21 169 iPc     45 49.51  -1.2
HUR      1.39  21 eP      45 52.79  -0.4
                eS       46 10.65
RDT      1.39 217 iPc     45 52.46  -0.8
                eS       46 11.31
DFR      1.46 222 iPd     45 53.47  -0.8
REF      1.54 220 ePc     45 55.18  -0.4
RSO      1.58 220 ePc     45 55.42  -0.7
RDW      1.58 221 eP      45 55.47  -0.6
RS2      1.58 220 ePc     45 55.72  -0.4
RS1      1.58 220 eP      45 55.65  -0.5
RED      1.62 219 eP      45 55.84  -0.7
                eS       46 16.76
NNL      1.68 190 eP      45 57.58   0.4
SEW      1.70 158 eP      45 56.90  -0.6
                eS       46 16.62
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TRF      1.78   6 eP      45 57.38  -1.4
KTH      1.87 357 ePc     45 58.68  -1.4
GLI      1.92 113 iPd     45 58.30  -2.4
                eS       46 21.88
RND      1.93  26 eP      45 59.51  -1.3
BRLK     1.93 183 eP      46 01.36   0.6
INE      2.00 216 eP      46 01.33  -0.5
                eS       46 26.78
INW      2.01 217 eP      46 01.48  -0.5
VZW      2.10 106 eP      46 01.47  -1.7
LTI      2.16 139 ePc     46 01.59  -2.4
CNPM     2.19 187 eP      46 02.67  -1.7
TOA      2.19  77 ePd     46 04.20  -0.2
MTU      2.27 137 eP      46 03.13  -2.4
KLU      2.30  93 iPd     46 03.79  -2.2
TZL      2.53  80 eP      46 08.10  -1.0
BWN      2.56  12 eP      46 07.65  -1.9
SDG      2.57  69 eP      46 09.06  -0.7
PAX      2.76  60 eP      46 10.99  -1.6
THY      2.88  51 eP      46 14.27   0.1
WRH      3.04  22 eP      46 14.24  -2.2
CDD      3.13 209 eP      46 18.59   0.9
HDA      3.22  30 eP      46 18.37  -0.6
CCB      3.25  23 eP      46 16.55  -2.8
DJE      3.29  42 eP      46 20.23   0.3
GLB      3.31  91 eP      46 17.71  -2.6
MLY      3.36 360 eP      46 18.75  -2.2
MDM      3.47  18 eP      46 19.98  -2.5
FBA      3.48  21 iPc     46 19.94  -2.7
GLM      3.63  23 eP      46 22.96  -1.9
CROM     3.78 101 eP      46 24.04  -2.9
TGL      3.92 100 eP      46 25.93  -3.0
BALM     4.08  96 eP      46 27.74  -3.4
WRG      4.55 107 eP      46 34.13  -3.6
YAH      4.56 103 eP      46 34.95  -3.0
CTGM     4.57  95 eP      46 36.24  -1.9
IMA      4.59 345 eP      46 35.72  -2.6
      65 obs. associated
-----------------------------------------
?  FEB  19, 1992  12h 05m 10.22± 4.33s
   13.716 N ±12.7km   60.350 W ±42.6km
   DEPTH =  60.0km  (geophysicist)
 WINDWARD ISLANDS                   ( 95)
      MD 3.0 (TRN).

SLW      0.64 298 eP      05 23.82  -0.1
                eS       05 33.52
SLB      0.68 279 eP      05 24.50   0.1
                eS       05 33.61
SVB      0.98 243 eP      05 28.36   0.2
                eS       05 40.76
MVM      0.99 328 iPc     05 28.17  -0.1
                S        05 40.50
FCV      1.03 238 eP      05 28.67  -0.2
                eS       05 41.33
BIM      1.06 319 iPd     05 29.08  -0.2
                S        05 41.90
CRM      1.17 332 iPc     05 30.84   0.2
                S        05 45.00
FDF      1.28 323 iPd     05 32.25   0.1
                S        05 47.30
      S.D. = 0.2  on   8 of   8 obs.
-----------------------------------------
%  FEB  19, 1992  12h 19m 32.74± 1.62s
   39.841 N ± 8.5km   21.548 E ±14.0km
   DEPTH =  10.0km  (geophysicist)
 GREECE                             (364)

LIT      0.77  70 eP      19 47.50  -0.3
                eS       19 59.00
FNA      0.95 352 eP      19 51.00   0.1
                eS       20 05.60
AGG      1.02 143 eP      19 52.10   0.1
                eS       20 08.00
THE      1.34  53 eP      19 58.40   1.0
KNT      1.67  38 eP      20 02.00  -0.2
SRS      2.01  50 eP      20 06.50  -0.7
      S.D. = 0.7  on   6 of   6 obs.
-----------------------------------------
&  FEB  19, 1992  12h 23m 47.53s
   36.031 N          117.892 W
   DEPTH =   2.7km
 CALIFORNIA-NEVADA BORDER REGION ( 40)
      <PAS-P>. ML 2.7 (PAS).

PANV     0.74  60 P       24 01.50  -0.8
MCA      0.79  39 P       24 02.10  -1.2
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FMT	1.08	56	P	24 07.80	-0.9
SGV	1.17	36	P	24 10.00	-0.2
LCH	1.22	9	P	24 10.10	-0.9
PPK	1.39	360	P	24 13.50	-0.5
SDH	1.40	63	P	24 13.20	-0.8
YMT3	1.41	57	P	24 13.50	-0.7
YMT5	1.45	53	P	24 14.30	-0.5
YMT6	1.46	55	P	24 14.20	-0.7
LSM	1.49	61	P	24 14.70	-0.6
ABL	1.60	223	eP	24 16.84	-0.2
BONR	1.95	350	eP	24 21.34	-0.8
BCH	1.98	245	eP	24 22.62	0.2
			eS	24 49.24	
PHAM	2.04	265	(P)	24 22.84	-0.4
TNP	2.12	15	eP	24 25.85	1.3
			eS	24 55.72	
PEC	2.22	164	eP	24 24.39	-1.4
			eS	24 57.13	

17 obs. associated

& FEB 19, 1992 12h 24m 39.95s
36.032 N 117.890 W
DEPTH = 2.7km
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.9 (PAS), 3.5 (GS).

CLC	0.32	132	iPc	24 46.20	-0.2
ISA	0.60	232	iPd	24 51.40	-0.5
PANV	0.74	60	P	24 53.80	-0.9
MCA	0.79	38	P	24 54.60	-1.1
FMT	1.08	56	P	25 00.10	-1.0
GSC	1.15	129	iPc	25 01.20	-0.9
SGV	1.17	36	P	25 02.10	-0.5
LCH	1.22	9	P	25 02.40	-1.0
SBB	1.34	178	eP	25 04.50	-1.0
PPK	1.39	359	P	25 05.70	-0.7
SDH	1.39	64	P	25 05.70	-0.7
YMT3	1.41	57	P	25 06.00	-0.6
MGM	1.44	13	P	25 07.00	-0.2
YMT5	1.44	53	P	25 06.70	-0.5
YMT6	1.45	55	P	25 06.60	-0.7
JON	1.50	74	P	25 07.10	-0.8
TMBR	1.57	50	P	25 08.60	-0.4
ABL	1.60	223	eP	25 08.93	-0.6
			eS	25 32.06	
SVP	1.68	2	P	25 10.80	0.1
FRI	1.75	304	iPc	25 11.46	0.1
			eS	25 34.14	
PKEM	1.80	272	eP	25 13.44	1.3
			eS	25 37.19	
BONR	1.95	350	ePn	25 15.12	0.5
			ePg	25 16.57	
BCH	1.98	245	ePn	25 14.60	-0.2
			eS	25 41.73	
PHAM	2.05	265	ePn	25 16.54	0.8
RVR	2.08	168	eP	25 15.10	-1.1
TNP	2.12	15	ePn	25 16.48	-0.4
			ePg	25 19.52	
			eS	25 48.13	
PEC	2.22	164	ePn	25 17.26	-1.0
			ePg	25 20.97	
			eS	25 49.66	
PRI	2.25	274	ePd	25 20.45	1.6
			eS	25 45.31	
LLA	2.53	284	ePc	25 22.33	-0.4
PLM	2.80	162	ePn	25 25.38	-1.4
			ePg	25 31.63	
			eS	26 07.89	
CMB	2.83	316	ePc	25 29.30	2.4
			eS	26 06.90	
PRS	2.83	277	eP	25 28.33	1.3
SAO	2.96	285	eP	25 29.62	0.8
KVN	3.02	357	eP	25 29.65	-0.1
			eS	26 17.25	
ARN	3.21	295	eP	25 32.61	0.3
			eS	26 14.16	
GLA	3.90	139	ePn	25 39.02	-3.2
			ePg	25 52.02	
			eS	26 43.70	
ORV	4.53	322	ePn	25 54.54	3.5
			eS	26 59.63	
MSU	5.19	60	eP	26 14.67	14.0
DUG	5.77	42	eP	26 23.98	15.2
			eS	27 43.09	
SRU	6.61	60	eP	26 31.12	10.5
HVU	6.99	33	(P)	26 37.42	11.5

41 obs. associated

? FEB 19, 1992 12h 27m 14.52± 2.88s
17.809 N ±11.7km 94.923 W ±28.0km
DEPTH = 33.0km (normal)
CHIAPAS, MEXICO (61)

PBJ	1.44	199	(P)	27 38.50	-0.1
			(S)	27 57.50	
OXX	1.86	247	iP	27 45.50	0.6
			iS	28 11.00	
LVVM	2.40	323	iP	27 52.00	-0.4
			iS	28 21.50	
IISM	2.61	297	iP	27 56.50	1.2
			iS	28 29.00	
IIT	3.43	291	iP	28 07.50	0.2
PPM	3.73	290	iP	28 12.00	0.3
III	4.36	278	iP	28 18.50	-1.9

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

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* FEB 19, 1992 13h 45m 16.57± 1.06s
16.654 S ± 9.8km 177.463 W ±13.3km
DEPTH = 416.9 ± 10.8 km
4.1mb (8 obs.)
FIJI ISLANDS REGION (181)

VUN	4.12	250	iP	46 31.60	0.3
SVA	4.16	249	ePc	46 31.40	-0.3
DZM	16.11	248	iPd	48 42.70	0.7
WCZ	20.55	199	P	49 28.00	2.4
KUZ	20.91	195	P	49 30.60	1.6
MNG	24.65	193	eP	50 02.70	-0.8
THZ	26.36	196	P	50 18.30	-0.6
DSZ	26.66	198	P	50 21.40	-0.1
KHZ	26.81	195	eP	50 20.80	-2.0
LTZ	27.48	197	eP	50 27.10	-1.7
RMO	32.82	247	eP	51 15.00	-0.1
QLP	36.83	248	iPd	51 48.70	0.0
TOO	38.66	230	eP	52 04.90	1.3
WRA	45.76	258	P	52 59.80	-0.8
	0.3s		2.10nm	4.0mb	
ASPA	46.01	253	iPd	53 01.70	-0.8
	0.3s		11.90nm	4.7mb	
TNP	78.44	44	P	56 34.30	0.0
	1.0s		5.50nm	4.2mb	
PV09	84.19	47	P	57 04.50	0.5
FBA	84.40	12	P	57 03.00	-1.0
	0.5s		3.72nm	4.4mb	
ANMO	84.61	51	P	57 06.70	0.7
	1.0s		2.00nm	3.8mb	
MCMT	84.70	40	eP	57 06.90	0.6
BW06	85.83	43	P	57 11.20	-0.6
	1.3s		3.01nm	3.9mb	
RSSD	90.04	44	P	57 31.70	0.1
	0.8s		2.40nm	4.1mb	
YKA	92.82	24	eP	57 42.50	-1.1
	0.6s		0.90nm	4.0mb	
KSP	144.15	345	iPKPc	04 04.20	-0.7
CLL	144.43	349	iPKP	04 04.80	-0.5
			iSg	35 56.00	
PRU	145.36	346	PKP	04 07.50	0.6
GRF	146.30	350	ePKP	04 11.00	2.5
KHC	146.38	347	ePKP	04 09.60	0.9
GEC2	146.63	347	PKP	04 08.30	-0.9
	0.8s		2.70nm		
FLN	147.88	4	ePKP	04 14.30	3.3X
	1.0s		34.00nm		
LDF	148.07	3	ePKP	04 14.70	3.4X
	0.9s		16.40nm		
CDF	148.09	354	ePKP	04 15.30	3.8X
	0.8s		5.35nm		
GRR	148.23	4	ePKP	04 15.50	3.9X
	0.8s		10.75nm		
LPF	148.57	5	ePKP	04 16.50	4.4X
	0.6s		7.20nm		
VBY	149.32	342	e(PKP)	04 19.50	6.1X
LOR	149.45	358	ePKP	04 18.60	5.0X
	0.8s		8.05nm		
SSF	149.67	359	ePKP	04 19.30	5.5X
	0.8s		8.05nm		
LBF	149.73	358	ePKP	04 19.20	5.2X
	0.8s		10.05nm		
AVF	149.94	359	ePKP	04 18.60	4.4X
	0.6s		2.70nm		
MFF	150.06	4	ePKP	04 19.70	5.3X
	0.7s		6.60nm		
SMF	150.08	358	ePKP	04 19.90	5.4X
	0.6s		2.70nm		
BGF	150.18	360	ePKP	04 20.20	5.6X
	0.8s		12.10nm		
TCF	150.45	0	ePKP	04 20.80	5.7X
	0.7s		5.50nm		
LSF	150.48	1	ePKP	04 20.60	5.5X
	0.8s		16.10nm		
MAF	150.52	360	ePKP	04 21.20	6.0X
	0.8s		8.05nm		
LPL	151.01	354	ePKP	04 23.10	6.9X
	0.7s		4.40nm		
LPG	151.03	354	ePKP	04 22.60	6.3X
	0.6s		4.05nm		
RJF	151.42	2	ePKP	04 22.60	6.1X
	0.6s		4.50nm		
CAF	151.81	1	ePKP	04 24.20	7.0X
	0.6s		4.50nm		

S.D. = 1.1 on 29 of 49 obs.

? FEB 19, 1992 14h 35m 17.98± 5.59s
33.083 S ±16.8km 72.121 W ±39.1km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)
MD 3.6 (SAN).

LCCH	0.60	130	iPd	35 30.20	0.0
			iS	35 37.50	
ROCH	0.94	84	eP	35 36.40	0.4
			eS	35 48.40	
LNV	1.05	146	iPd	35 38.10	0.3
			iS	35 51.00	
TACH	1.14	120	iPd	35 39.00	-0.4
			iS	35 53.30	
PEL	1.21	93	iPd	35 40.70	0.2
			iS	35 56.50	
JACH	1.35	73	iPd	35 42.60	-0.2
			iS	36 00.50	
PCH	1.45	112	iPc	35 44.20	-0.1
			iS	36 03.00	
CHCH	1.49	125	iPc	35 44.70	-0.2
			iS	36 03.20	
CACH	1.64	130	iPd	35 47.10	0.1
			iS	36 08.00	

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

? FEB 19, 1992 14h 47m 04.65± 7.25s
17.527 N ±31.1km 75.555 W ±69.9km
DEPTH = 33.0km (normal)
JAMAICA REGION (86)
MD 3.7 (HOJ). Felt (II) at Kingston.

YHJ	0.96	292	iP	47 21.82	-0.1
			S	47 35.08	
HOJ	1.23	293	iPc	47 25.74	0.1
			iS	47 38.34	
STH	1.32	295	P	47 26.88	0.0
			S	47 41.59	
PCJ	1.55	278	ePd	47 30.27	0.0
			S	47 48.89	
SPJ	1.97	284	Pd	47 36.44	0.1
			S	47 56.19	
UPA	9.33	205	eP	49 20.00	0.0

S.D. = 0.1 on 6 of 6 obs.

FEB 19, 1992 15h 12m 26.65± 0.94s
34.277 N ± 4.7km 25.717 E ± 3.3km
DEPTH = 23.3 ± 6.8 km
4.6mb (43 obs.)
CRETE (370)
MD 4.2 (HLW).

VLI	3.33	318	eP	13 20.80	2.4
ATH	4.03	337	eP	13 29.90	1.6
PRK	4.98	5	eP	13 45.10	3.3X
AGG	5.46	331	ePd	13 49.20	0.5
PPCY	5.50	82	eP	13 47.00	-2.2
			eS	14 47.00	
VLS	5.68	315	eP	13 54.00	2.2
PAIG	5.87	344	ePc	13 55.68	1.3
OUR	6.20	348	ePc	14 00.52	1.5
CSS	6.31	82	eP	14 00.20	-0.5
			eS	15 10.60	
LIT	6.36	337	ePc	14 02.36	1.0
HLW	6.49	131	ePn	14 01.50	-1.7
			e	14 08.50	
			e	14 13.50	
			e	14 23.50	

eSn 15 05.50
e 15 09.00
e 15 25.00
e 15 34.00
ALN 6.61 2 ePd 14 12.76 7.9X
THE 6.71 342 ePc 14 12.72 6.5X
IGT 6.79 322 iPd 14 03.48 -3.9X
SOH 6.80 345 ePd 14 08.72 1.2
FAM 6.87 82 eP 14 09.00 0.6
eS 15 24.00
SRS 7.03 347 ePc 14 11.48 0.7
GRG 7.17 339 ePd 14 17.56 4.9X
KNT 7.23 343 ePc 14 14.76 1.3
FNA 7.35 333 ePc 14 16.92 1.6
VAY 7.46 341 iP 14 21.30 4.6X
OHR 7.86 332 eP 14 21.50 -0.9
ZNT 8.06 102 eP 14 21.60 -3.6X
SKO 8.39 338 iP 14 29.40 -0.3
i 14 44.50
iS 16 24.00
HRI 8.41 94 eP 14 25.90 -4.2X
SAGI 8.59 116 eP 14 29.70 -2.8X
eS 16 01.60
ROI 9.03 308 P 14 38.10 -0.5
CZI 9.13 305 P 14 39.20 -0.8
ATN 9.15 298 P 14 40.60 0.4
MEU 9.22 291 P 14 40.60 -0.7
TDS 9.23 308 P 14 41.50 0.2
CSI 9.32 309 P 14 44.50 1.8
ORI 9.38 311 P 14 42.50 -0.9
MNO 9.63 295 Pc 14 47.30 0.2
MGR 9.99 309 P 14 49.90 -1.9
SGO 10.38 310 Pc 14 56.70 -0.4
ISR 10.87 3 eP 15 05.00 1.2
CMP 10.99 357 ePd 15 05.00 -0.5
MLR 11.20 1 eP 15 14.00 5.5X
CVO 11.54 2 eP 15 12.50 -0.5
VRI 11.61 4 eP 15 13.50 -0.3
BZS 11.75 346 eP 15 13.50 -2.3
VBY 13.78 328 ePn 15 40.50 -2.2
PTJ 13.79 330 eP 15 30.60 -12.4X
CEY 14.33 326 eP 15 50.00 -0.1
i 15 57.40
eS 18 25.00
i 18 27.60
MSL 14.39 77 eP 16 05.00 14.2X
eS 19 16.00
VOY 14.80 326 eP 15 55.30 -0.9
i 16 02.40
eS 18 33.00
ZST 15.33 338 e(P) 16 03.00 0.0
SPC 15.44 346 eP 16 05.70 1.0
BHD 15.56 88 eP 16 10.00 3.9X
eS 19 31.00
eLR 23 05.50
FVI 15.73 325 P 16 13.10 4.9X
KBA 15.84 328 iP 16 08.40 -1.4
0.7s 10.50nm 4.1mb
i 16 15.80
CTI 15.90 322 P 16 15.00 4.4X
SAL 16.21 319 Pc 16 19.50 5.1X
KRA 16.33 347 eP 16 15.70 -0.2
0.8s 24.00nm 4.4mb
e 16 20.50
MDI 16.76 318 Pc 16 25.00 3.7X
SQTA 16.93 324 iP 16 24.90 1.2
0.7s 31.90nm 4.6mb
i 16 27.60
GEC2 17.08 332 P 16 23.90 -1.5
0.7s 1.15nm 3.1mb X
SBF 17.09 309 eP 16 24.60 -1.0
0.9s 52.40nm 4.7mb
OSS 17.11 321 ePd 16 29.30 3.4X
VDL 17.34 320 ePd 16 31.40 2.6X
KHC 17.36 332 P 16 29.00 0.2
1.2s 10.50nm 3.8mb
Z 20s 1.10um 5.4Msz
N 20s 1.00um
E 20s 0.80um
i 16 36.80
i 17 02.90
TMA 17.43 318 ePd 16 30.40 0.5
FUR 17.58 326 iPc 16 32.90 1.3
0.8s 47.00nm 4.7mb
WET 17.64 331 iPd 16 34.20 1.8
0.7s 80.00nm 5.0mb
PRU 17.72 336 eP 16 32.50 -0.8

e 16 44.50
LLS 17.83 320 ePd 16 36.80 1.9
MMK 17.91 316 ePd 16 35.20 -0.8
KSP 17.93 340 eP 16 35.00 -0.9
0.9s 22.00nm 4.3mb
DIX 18.24 316 ePd 16 40.40 0.3
LPG 18.32 313 eP 16 40.60 -0.5
0.7s 12.15nm 4.2mb
LPL 18.34 313 eP 16 41.00 -0.3
0.8s 8.05nm 3.9mb
EMS 18.52 315 ePd 16 42.80 -0.6
ZLA 18.54 321 ePd 16 43.50 0.0
SLE 18.66 321 ePd 16 44.80 -0.2
BRG 18.67 336 eP 16 44.40 -0.7
GRF 18.75 330 ePd 16 45.30 -0.7
Z 17s 0.30um
ic 16 46.70
e 16 52.50
FEL 18.98 321 P 16 47.99 -1.0
BBS 19.00 319 P 16 49.48 0.4
LOMF 19.30 318 P 16 52.83 0.0
CLL 19.36 335 iPc 16 53.40 0.0
i 16 57.80
MOF 19.43 320 P 16 54.35 0.0
BSF 19.60 319 eP 16 55.30 -1.0
0.8s 21.50nm 4.5mb
ECH 19.64 321 P 16 55.77 -0.8
CDF 19.70 321 eP 16 56.70 -0.6
0.8s 34.90nm 4.7mb
HAU 19.95 319 eP 16 59.40 -0.4
0.8s 32.25nm 4.7mb
Z 22s 0.55um 5.5MszX
VITF 20.27 319 P 17 02.97 -0.2
SMF 20.65 313 eP 17 07.30 0.2
0.8s 10.75nm 4.3mb
LBF 20.73 314 eP 17 07.10 -0.9
0.8s 11.40nm 4.3mb
LOR 20.95 315 eP 17 09.50 -0.7
0.8s 10.75nm 4.3mb
Z 22s 0.47um 3.8Msz
AVF 21.01 313 eP 17 10.70 -0.1
0.8s 9.40nm 4.3mb
SSF 21.05 314 eP 17 10.60 -0.6
0.8s 18.80nm 4.6mb
WLF 21.07 323 Pc 17 12.00 0.7
BGF 21.21 312 eP 17 12.30 -0.5
0.8s 30.90nm 4.8mb
BNS 21.45 327 iPc 17 15.30 0.2
TCF 21.49 311 eP 17 15.80 0.1
0.9s 11.45nm 4.3mb
LPO 21.52 306 eP 17 15.30 -0.7
0.9s 36.05nm 4.8mb
RJF 21.53 308 eP 17 15.10 -1.0
1.0s 36.00nm 4.8mb
Z 22s 0.28um 3.6Msz
MEM 21.75 325 iPc 17 19.18 1.0
LFF 21.91 307 eP 17 19.40 -0.4
0.8s 18.80nm 4.6mb
BTH 22.01 301 e(P) 17 26.00 5.1X
e(sP) 17 39.00
iPP 17 46.50
DOU 22.13 322 Pd 17 22.40 0.4
i 17 24.00
OBN 22.16 17 eP 17 21.00 -1.2
WTS 22.33 328 eP 17 24.50 0.5
1.0s 39.00nm 4.8mb
SNF 22.54 323 iPd 17 27.75 1.7
UCC 22.68 323 Pc 17 28.20 0.8
WIT 22.98 330 eP 17 32.00 1.7
MFF 23.10 310 eP 17 32.10 0.5
0.9s 18.00nm 4.6mb
SHI 23.18 94 eP 17 35.00 2.3
LDF 23.93 314 eP 17 38.90 -0.7
0.7s 13.25nm 4.6mb
FLN 24.22 315 eP 17 42.00 -0.4
0.6s 9.00nm 4.5mb
LPF 24.24 313 eP 17 41.90 -0.7
0.8s 24.20nm 4.8mb
GRR 24.28 314 eP 17 43.00 0.0
0.9s 14.75nm 4.5mb
UPP 26.14 351 iP 17 59.20 -1.3
NUR 26.26 359 eP 17 59.80 -1.7
0.6s 3.00nm 4.1mb
HFS 27.04 347 eP 18 07.20 -1.5
0.5s 2.00nm 4.0mb
Z 16s 0.22um 3.8MszX
LR 28 11.00

MAIO 27.57 76 eP 18 14.00 0.1
KAF 27.86 1 iP 18 14.60 -1.5
0.6s 5.90nm 4.5mb
NAO 28.26 345 P 18 18.40 -1.4
0.6s 3.00nm 4.2mb
EKA 29.03 325 Pd 18 26.60 -0.1
1.0s 16.00nm 4.7mb
BCAO 30.43 194 iPd 18 40.90 1.2
0.7s 17.00nm 5.0mb
id 18 57.10
GAR 35.83 69 eP 19 27.90 1.5
TIC 39.51 233 P 19 57.50 0.1
KIC 39.54 232 P 19 57.90 0.3
LIC 39.83 233 P 20 00.32 0.3
1.0s 9.00nm 4.5mb
Z 15s 0.25um 4.2MszX
NDI 43.89 83 eP 20 34.50 1.3
HYB 49.88 96 eP 21 20.00 -0.4
GKN 50.22 80 P 21 23.20 0.1
1.0s 42.00nm 5.4mb
DMN 50.76 80 P 21 27.40 0.1
0.9s 50.00nm 5.5mb
KKN 50.83 80 P 21 27.60 -0.2
PKI 51.02 80 P 21 29.40 0.0
0.9s 31.00nm 5.2mb
GUN 51.27 80 P 21 31.40 0.1
0.8s 47.00nm 5.5mb
IRK 57.12 46 (P) 22 15.50 2.0
e 22 39.00
LZH 62.18 64 eP 22 47.50 -1.2
1.5s 20.00nm 5.0mb
pP 22 54.00 21kmX
CHG 66.04 83 eP 23 14.00 0.1
YAK 66.43 30 eP 23 14.00 -1.8
MBC 67.56 351 eP 23 23.00 0.3
BJI 69.26 55 eP 23 34.00 0.2
INK 76.55 352 eP 24 16.00 -0.2
IMA 79.98 360 eP 24 37.90 2.8X
0.9s 2.60nm 4.3mb
FFC 80.62 332 eP 24 39.50 0.9
0.8s 11.00nm 4.9mb
FBA 81.02 357 (P) 24 41.80 1.3
PMS 84.74 358 eP 25 01.10 1.3
SES 87.44 334 eP 25 15.00 1.7
S.D. = 1.1 on 123 of 144 obs.

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* FEB 19, 1992 15h 15m 58.44± 1.19s
28.693 S ± 6.7km 71.367 W ±13.0km
DEPTH = 46.4 ± 13.1 km
NEAR COAST OF CENTRAL CHILE (135)

RTRS 2.22 132 iPd 16 34.50 1.0
S 17 01.00
RTCB 3.56 142 iPc 16 53.20 0.5
RTLL 3.64 137 iPd 16 54.00 0.3
ZON 3.67 141 eP 16 56.30 2.0
CFA 3.97 138 iPc 16 58.00 -0.5
JACH 4.03 171 eP 17 00.70 1.3
IHA 4.32 183 eP 17 09.60 6.2X
eS 18 04.00
PEL 4.47 173 eP 17 06.20 0.7
eS 17 55.60
LCCH 4.77 182 eP 17 08.60 -1.0
CYA 4.91 88 iP 17 11.00 -0.6
S 18 02.00
PCH 4.97 172 eP 17 13.00 0.5
ANT 5.04 10 eP 17 14.00 0.6
LNV 5.25 180 eP 17 14.50 -1.8
CHCH 5.26 174 eP 17 17.00 0.4
CACH 5.45 173 eP 17 18.50 -0.8
eS 18 28.00
RFA 6.54 159 ePc 17 32.40 -2.2
SLA 6.57 54 ePd 17 33.50 -1.6
YJA 8.38 41 e(P) 18 01.00 0.4
LIC 72.60 73 P 27 23.00 -0.2
KIC 72.91 73 P 27 24.80 -0.3
WRA 125.64 210 PKP 34 58.30 1.3
0.5s 1.30nm
S.D. = 1.2 on 20 of 21 obs.

& FEB 19, 1992 16h 23m 57.83s
36.029 N 117.891 W
DEPTH = 3.1km
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.4 (PAS), 3.3 (GS).

CLC 0.32 131 iPc 24 04.00 -0.2

```
ISA      0.60 233 iPd    24 09.20  -0.6
SBB      1.34 178 eP     24 23.00  -0.3
ABL      1.60 223 ePn    24 26.78  -0.5
                  eS     24 49.94
PKEM     1.80 272 eP     24 31.00   1.0
                  eS     24 54.76
BONR     1.95 350 ePn    24 32.50   0.1
                  ePg    24 34.59
                  eS     25 01.02
BCH      1.98 245 ePn    24 32.83   0.2
                  eS     24 59.23
PHAM     2.04 265 eP     24 33.55   0.0
                  eS     25 01.60
PEC      2.21 164 ePn    24 34.85  -1.2
                  ePg    24 39.65
                  eS     25 07.27
PLM      2.80 162 ePn    24 43.27  -1.3
                  ePg    24 49.63
                  eS     25 25.45
CMB      2.83 316 ePn    24 45.14   0.3
                  ePg    24 47.52
                  eS     25 22.34
KVN      3.02 357 (Pn)   24 48.02   0.4
                  eS     25 34.97
ARN      3.21 295 ePn    24 50.53   0.4
GLA      3.90 139 (P)    25 05.72   5.7
ORV      4.53 322 ePg    25 20.40  11.5
MSU      5.19  60 (Pn)   25 18.26  -0.2
        16 obs. associated
-----------------------------------------
   FEB  19, 1992  17h 42m 05.22± 0.95s
   43.182 N ± 4.2km  127.212 W ± 7.4km
   DEPTH =  10.0km  (geophysicist)
   4.0mb (  1 obs.)
 OFF COAST OF OREGON                ( 30)

RNO      2.63  73 P      42 47.92  -0.6
DBO      2.91  90 P      42 52.26  -0.2
MPOR     2.96  62 P      42 51.89  -1.3
HSO      3.03  82 Pc     42 53.70  -0.4
                  S      43 27.75
WMOR     3.40  93 P      43 00.18   0.6
                  S      43 42.06
TKO      3.47  50 P      42 59.90  -0.6
FBO      3.54  70 P      43 02.38   0.9
HBO      3.62  78 P      43 02.51  -0.1
KMOR     3.62  46 P      43 01.94  -0.7
SSOR     3.81  62 P      43 05.98   0.6
                  S      43 49.82
NLO      3.96  41 P      43 07.53   0.2
GT2      4.07  59 Pc     43 09.35   0.5
PGO      4.11  55 P      43 10.00   0.6
TCO      4.18  75 P      43 10.87   0.3
BPO      4.25  68 P      43 11.80   0.1
BMW      4.34  39 P      43 12.29  -0.5
RVW      4.35  46 P      43 12.94   0.0
VLMM     4.39  56 P      43 13.94   0.4
ONR      4.43  32 P      43 13.87   0.0
TDH      4.43  60 P      43 14.53   0.4
VBEM     4.46  63 P      43 14.82   0.2
LVP      4.48  48 P      43 15.02   0.2
                  S      44 05.19
MTMW     4.56  50 P      43 15.93   0.0
                  S      44 07.76
VLL      4.58  58 P      43 16.74   0.5
FL2      4.59  47 P      43 16.71   0.3
VFP      4.65  61 P      43 17.27   0.0
SHW      4.65  48 P      43 17.79   0.5
CZM      4.67  44 P      43 17.33  -0.1
HSR      4.67  48 P      43 18.12   0.5
REMW     4.68  48 P      43 18.37   0.5
YEL      4.69  48 P      43 18.46   0.6
ESD      4.70  48 P      43 18.54   0.5
CDFW     4.71  50 P      43 18.05   0.0
APM      4.71  55 P      43 18.37   0.3
SOSW     4.73  48 P      43 18.73   0.3
TDL      4.76  47 P      43 19.01   0.1
CPW      4.76  36 P      43 18.36  -0.5
OBH      4.77  29 P      43 18.55  -0.3
CROR     4.83  66 P      43 19.17  -0.6
KOSW     4.85  46 P      43 20.33   0.3
GULW     4.86  54 P      43 20.42   0.2
OSR      4.89  27 P      43 20.54  -0.1
LMW      4.93  43 P      43 21.20   0.0
VIPM     4.95  72 P      43 21.03  -0.5
ASR      4.99  52 P      43 22.28   0.3
MEW      5.15  37 P      43 24.97   0.8
VGB      5.17  61 P      43 24.39  -0.1
VTHM     5.18  65 P      43 24.33  -0.4
LON      5.24  45 P      43 25.96   0.5
OSD      5.25  27 P      43 25.70  -0.2
REMR     5.27  44 P      43 26.23   0.2
RVC      5.28  43 P      43 26.38   0.2
HDW      5.34  32 P      43 26.21  -0.7
                  S      44 26.32
WPW      5.34  47 Pc     43 27.08   0.1
GL2      5.34  56 P      43 26.88  -0.1
GMW      5.36  34 P      43 26.59  -0.7
FMW      5.43  44 P      43 28.32   0.0
GSMM     5.54 141 P      43 30.01   0.2
STW      5.55  25 P      43 30.11   0.2
RMW      5.73  40 P      43 32.27  -0.2
NAC      5.76  50 P      43 33.27   0.5
JBO      5.76  64 P      43 32.30  -0.5
MXC      5.97  53 P      43 35.67  -0.1
JCW      6.23  35 P      43 39.36   0.0
MCW      6.29  28 P      43 40.22  -0.1
RSW      6.30  57 P      43 39.98  -0.6
MDW      6.31  54 P      43 40.77   0.3
GBL      6.48  56 P      43 42.92   0.0
WAH2     6.50  54 P      43 43.74   0.5
WIW      6.51  57 P      43 43.03  -0.3
MJ2      6.52  56 P      43 42.97  -0.5
LOCW     6.55  55 P      43 44.11   0.1
ETW      6.56  45 P      43 44.27   0.1
ET3      6.79  57 P      43 46.57  -0.7
EPH      6.80  50 P      43 47.41  -0.1
LNOR     6.92  64 P      43 47.68  -1.6
FFC     20.07  46 eP     46 41.00  -0.3
         0.8s     6.00nm          4.0mb
      S.D. = 0.5  on  77 of  77 obs.
-----------------------------------------
%  FEB  19, 1992  18h 02m 55.96± 2.74s
   44.906 N ± 7.4km    6.721 E ±21.1km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                             (538)
      ML 1.9 (GEN).

RRL      0.05  72 P      02 58.44   0.1
                  S      03 59.40
BHB      0.39  99 P      03 04.01   0.0
                  S      03 09.33
RSP      0.45  57 P      03 05.04  -0.2
                  S      03 11.06
PZZ      0.48 146 P      03 05.75  -0.1
                  S      03 12.28
LSD      0.63  29 P      03 08.82   0.0
                  S      03 17.35
      S.D. = 0.1  on   5 of   5 obs.
-----------------------------------------
&  FEB  19, 1992   18h 17m 06.50s
   36.027 N          117.894 W
   DEPTH =   3.2km
 CALIFORNIA-NEVADA BORDER REGION ( 40)
      <PAS-P>. ML 3.0 (PAS), 2.4 (GS).

PANV     0.74  60 P      17 20.40  -0.9
MCA      0.79  38 P      17 21.10  -1.2
OSM      0.83  94 P      17 22.00  -1.1
FMT      1.09  55 P      17 26.70  -1.0
SGV      1.18  36 P      17 28.70  -0.5
LCH      1.22   9 P      17 28.80  -1.2
PPK      1.40 360 P      17 32.50  -0.5
SDH      1.40  63 P      17 32.10  -0.9
MGM      1.45  13 P      17 33.60  -0.2
YMT5     1.45  53 P      17 33.10  -0.7
YMT6     1.46  55 P      17 32.90  -1.0
LSM      1.49  61 P      17 33.50  -0.8
JON      1.51  74 P      17 33.60  -0.9
TMBR     1.58  50 P      17 34.90  -0.7
ABL      1.60 223 eP     17 35.79  -0.1
                  eS     17 58.78
PKEM     1.80 272 eP     17 39.44   0.9
                  eS     18 03.05
SSK      1.82 175 eP     17 39.94   0.8
                  eS     18 04.01
BONR     1.95 350 eP     17 41.69   0.6
BCH      1.97 245 eP     17 41.72   0.5
                  eS     18 07.59
PHAM     2.04 265 eP     17 42.50   0.3
                  eS     18 09.61
TNP      2.12  15 ePn    17 41.83  -1.7
                  ePg    17 45.90
                  eS     18 14.90
PEC      2.21 164 eP     17 43.87  -0.8
                  eS     18 16.02
PLM      2.80 162 (Pn)   17 52.14  -1.1
                  eS     18 33.84
        23 obs. associated
-----------------------------------------
?  FEB  19, 1992  18h 49m 47.60± 0.90s
   14.664 N ± 7.4km   61.041 W ± 7.4km
   DEPTH =   5.0km  (geophysicist)
 WINDWARD ISLANDS                   ( 95)

FDF      0.13 303 eP     49 50.21  -0.1
        0.1s      0.10nm
                  S      49 51.00
BIM      0.15 191 iPc    49 50.81   0.1
                  S      49 53.00
CRM      0.15  54 eP     49 50.77   0.0
MVM      0.18 128 iPd    49 51.19  -0.1
                  S      49 54.20
      S.D. = 0.2  on   4 of   4 obs.
-----------------------------------------
   FEB  19, 1992  20h 15m 53.37± 0.58s
   45.281 N ±10.4km  151.682 E ± 9.1km
   DEPTH =  33.0km  (normal)
   5.0mb ( 39 obs.)
 KURIL ISLANDS                      (221)

KUSJ     5.47 249 eP     17 13.20  -1.4
                  eS     18 14.00
ASAJ     6.55 263 eP     17 32.50   2.7X
HOOJ     6.73 247 eP     17 31.80  -0.5
                  eS     18 48.60
MRRJ     8.18 253 eP     17 52.60  -0.1
OFUJ     9.67 234 P      18 10.30  -2.9
                  S      19 53.50
YAMJ    11.22 235 P      18 32.70  -1.8
YAK     21.04 331 eP     20 35.00  -1.4
        1.2s     70.00nm          4.9mb
                  e      24 27.00
                  e      26 52.00
BJI     26.49 271 eP     21 30.00   0.8
        1.0s     25.00nm          4.8mb
      Z  20s      0.66um          4.2Msz
                  pP     21 44.00  58kmX
                  eS     26 12.00
PDB     34.90  46 (P)    22 42.52  -0.9
IMA     35.58  35 (P)    22 48.10  -1.3
LZH     36.95 273 iPc    23 02.70   1.4
        1.0s     96.00nm          5.6mb
      Z  20s      0.40um          4.2Msz
      E  10s      0.25um
                  pP     23 09.00  21kmX
                  sP     23 13.50
FBA     37.93  37 ePd    23 08.80  -0.2
        1.0s      2.00nm          3.9mb X
INK     43.43  31 ePc    23 53.60  -0.5
KMI     44.00 260 Pc     24 00.00   0.4
        1.9s     50.00nm          5.0mb
                  pP     24 15.50  61kmX
MBC     46.32  19 eP     24 18.50   1.3
        0.5s      1.00nm          4.0mb
CHG     50.81 257 eP     24 53.50   0.8
GUN     54.14 275 P      25 18.60   0.7
KKN     54.63 275 P      25 22.40   1.0
        0.8s     38.00nm          5.5mb
PKI     54.67 275 P      25 22.40   0.6
        1.1s     42.00nm          5.4mb
DMN     54.86 275 P      25 24.00   0.9
        0.8s     51.00nm          5.6mb
GKN     54.95 276 P      25 24.60   0.9
DAG     58.08 357 eP     25 33.00 -12.1X
        0.5s     64.08nm
GAR     58.23 295 iP     25 46.70  -0.2
KEV     58.39 340 eP     25 45.00  -2.4
FFC     62.51  39 eP     26 14.50  -1.1
        0.9s      8.00nm          4.8mb
KAF     64.35 335 eP     26 25.90  -1.7
        0.7s     12.90nm          5.1mb
TNP     64.89  61 eP     26 31.16  -0.6
        0.9s      5.05nm          4.6mb
QUE     65.77 289 eP     26 37.80   0.4
HYB     66.03 271 ePc    26 39.00  -0.1
NUR     66.11 334 eP     26 37.20  -1.7
        0.5s     11.30nm          5.2mb
WRA     66.80 198 P      26 46.00   2.2
        1.0s      0.90nm          3.8mb X
UPP     68.68 337 iP     26 53.30  -1.7
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NB2     69.29 341 P      26 57.80  -1.1
        0.8s    15.10nm          5.1mb
HFS     69.48 339 eP     26 58.20  -1.8
        0.6s     8.50nm          5.0mb
KRA     76.21 330 eP     27 40.00   0.3
        0.8s    59.00nm          5.6mb
KSP     76.76 333 iPc    27 42.70  -0.1
SPC     76.83 330 eP     27 44.10   0.7
VRI     77.06 324 eP     27 47.50   3.0X
CLL     77.38 335 iPc    27 45.50  -0.7
        1.2s    30.00nm          5.2mb
BRG     77.48 334 eP     27 46.60  -0.1
        1.0s    14.00nm          4.9mb
EKA     77.52 346 P      27 47.00   0.1
        1.0s     5.70nm          4.6mb
MLR     77.68 324 eP     27 50.50   2.3
PRU     78.06 333 P      27 50.00   0.0
        1.2s    10.40nm          4.7mb
SRO     78.68 330 eP     27 53.40   0.0
ZST     78.77 331 eP     27 54.40   0.5
KHC     79.12 333 iPc    27 56.10   0.3
        1.0s     7.90nm          4.7mb
                  e       28 08.50
GEC2    79.33 333 ePc    27 56.20  -0.9
        0.6s     1.78nm          4.3mb
GEC2    79.33 333 P      28 02.70   5.6X
        0.6s     1.98nm          4.3mb
GRF     79.34 335 iPc    27 57.70   0.7
        0.8s    14.00nm          5.0mb
      Z  18s     0.20um          4.5Msz
                  e       27 59.10
                  e       28 03.90
                  e       28 10.50
ENN     79.84 339 eP     27 58.50  -1.1
        1.0s    11.00nm          4.8mb
MEM     79.96 339 Pc     28 01.80   1.6
WLF     80.79 338 P      28 08.00   3.3X
DOU     80.79 339 P      28 05.80   1.1
KBA     81.00 333 iPc    28 06.60   0.5
        0.7s    13.10nm          5.0mb
                  id      28 06.90
SOTA    81.55 334 iPc    28 09.40   0.5
        0.8s    14.70nm          5.0mb
                  i       28 14.80
CDF     81.63 337 eP     28 08.70  -0.5
        0.8s    12.10nm          5.0mb
BSF     82.29 337 eP     28 12.50  -0.2
        0.8s     8.05nm          4.8mb
SKO     82.43 325 iP     28 14.00   0.6
VAY     82.51 324 iP     28 14.40   0.6
OHR     83.41 325 eP     28 18.00  -0.6
LOR     83.59 339 eP     28 19.60   0.3
        0.8s    17.45nm          5.2mb
      Z  20s     0.13um          4.3Msz
LBF     83.82 338 eP     28 20.50  -0.1
        0.8s     6.05nm          4.8mb
SSF     83.87 339 eP     28 21.00   0.3
        0.8s    14.80nm          5.2mb
AVF     84.17 339 eP     28 22.60   0.4
        0.8s     7.40nm          4.9mb
SMF     84.17 338 eP     28 22.70   0.4
        0.8s    21.50nm          5.4mb
LPL     84.42 336 eP     28 24.70   0.9
        0.8s     8.05nm          5.0mb
LPG     84.43 336 eP     28 24.80   0.8
        0.8s    12.10nm          5.1mb
MAF     84.89 339 eP     28 26.90   1.0
        1.0s    30.00nm          5.4mb
TCF     84.92 339 eP     28 26.70   0.6
        0.8s     6.70nm          4.9mb
LSF     85.13 340 eP     28 27.60   0.6
        0.8s    16.10nm          5.3mb
CAF     86.23 339 eP     28 33.80   1.2
        0.8s    21.50nm          5.4mb
BTH     88.49 340 iPc    28 51.00   7.5X
      S.D. = 1.1  on  66 of  72 obs.
-----------------------------------
?  FEB  19, 1992  21h 18m 49.72± 1.43s
   44.403 N ± 6.6km     7.416 E ±17.3km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                    (545)
      ML 1.4 (GEN).

STV     0.17 203 P       18 53.74   0.1
                 S       18 56.31
ENR     0.18 179 P       18 53.70  -0.1
                 S       18 56.27
PZZ     0.25 294 P       18 55.04   0.0
                 S       18 59.04
BHB     0.45 346 P       18 58.96   0.0
                 S       19 04.66
      S.D. = 0.1  on   4 of   4 obs.
-----------------------------------
   FEB  19, 1992  22h 06m 10.60± 0.45s
   12.735 N ± 7.6km    88.651 W ± 9.6km
   DEPTH =  56.6km  (  7 depth phases)
   4.6mb (  5 obs.)
 OFF COAST OF CENTRAL AMERICA     ( 76)
      Felt (II) at San Salvador, El
      Salvador.

QZA     0.85 337 iPd     06 26.60  -0.1
SJAS    1.05 332 iPd     06 29.40  -0.1
LFU     1.10 336 iPd     06 30.50   0.4
VSS     1.15 330 iPd     06 31.40   0.5
TME     1.45 332 iPd     06 35.80   0.9
YPE     1.70 324 iPd     06 39.50   0.9
CUSS    1.72 313 iPd     06 39.20   0.5
TPX     4.12 302 (P)     07 14.00   1.5
PBJ     7.50 300 (P)     07 58.00  -1.9
OXX     8.92 300 (P)     07 57.00 -22.7X
IIT    11.19 305 (P)     08 55.00   4.2X
PPM    11.47 305 (P)     08 57.50   2.7X
III    11.83 300 (P)     09 02.00   2.7X
PRM    22.01  14 P       11 02.80   1.2
JSC    22.48  16 P       11 07.40   1.2
OLY    22.81 354 P       11 10.30   0.8
TKL    23.24  10 P       11 14.20   0.5
                 pP      11 29.60  66km
MEO    23.73 339 iPc     11 19.10   0.7
ELC    24.45 359 P       11 25.80   0.4
CEH    24.61  19 P       11 27.50   0.5
        0.8s    23.79nm          4.7mb
                 pP      11 42.20  62km
ACO    25.66 340 iPd     11 36.80   0.0
CVL    26.73  18 P       11 46.00  -0.7
                 pP      11 59.50  55km
CBN    27.28  20 eP      11 52.00   0.4
                 e       12 15.00
GOL    30.65 334 P       12 21.60  -0.5
        1.0s     9.76nm          4.5mb
PLM    32.91 313 P       12 43.70   1.8
                 pP      12 56.10  47km
ARE    33.61 149 eP      12 50.00   1.8
RSSD   33.95 340 P       12 51.20   0.4
BW06   34.98 333 P       12 57.30  -2.4
        1.0s     2.50nm          4.1mb
                 pP      13 14.00  69km
LPB    35.47 145 P       13 04.70   0.4
LRM    38.66 333 eP      13 30.50  -0.1
YJA    41.46 147 eP      13 55.70   1.5
SES    41.78 339 iPd     13 55.70  -0.3
                 pP      14 09.00  50km
FFC    43.18 349 iPd     14 06.80  -0.6
        0.4s     5.00nm          4.6mb
BAO    49.12 124 Pd      14 54.00  -1.0
TCA    49.53 153 eP      14 38.20 -19.7X
RFA    50.98 159 iPc     15 09.50   0.7
INK    62.58 343 eP      16 29.00  -1.7
                 pP      16 42.50  48km
MBC    65.58 352 ePc     16 48.30  -1.8
        1.0s     7.00nm          4.6mb
WRA   138.22 254 PKP     25 33.80   1.7
        0.9s     3.40nm
GKN   138.99   9 PKP     25 32.40  -1.0
GUN   139.25   7 PKP     25 31.00  -3.2
KKN   139.29   8 PKP     25 33.60  -0.5
DMN   139.44   9 PKP     25 33.40  -1.0
PKI   139.52   8 PKP     25 32.40  -2.3
HYB   147.48  23 ePKP     25 48.00  -0.1
                 e       26 02.50
CHG   147.77 346 ePKP     25 49.00   0.5
LOE   148.34 341 ePKP     25 53.00   3.5X
BDT   149.27 346 ePKP     25 55.50   4.6X
NST   150.47 343 ePKP     26 01.50   8.8X
KHT   151.73 345 ePKP     26 01.00   6.4X
      S.D. = 1.2  on  41 of  50 abs.
-----------------------------------
?  FEB  19, 1992  22h 18m 19.68± 2.59s
   34.450 S ±28.8km    70.854 W ±14.2km
   DEPTH =  80.0km  (geophysicist)
 CHILE-ARGENTINA BORDER REGION    (127)
      MD 3.7 (SAN).

CACH    0.39  32 iPc     18 33.10   0.2
                 iS      18 44.00
CHCH    0.54  18 iPc     18 33.60  -0.4
                 iS      18 45.50
LNV     0.68 317 iPc     18 35.40   0.2
                 iS      18 48.00
TACH    0.80 355 eP      18 36.50  -0.1
                 iS      18 51.00
PCH     0.87  19 iPc     18 37.70   0.1
                 iS      18 52.00
LCCH    1.14 328 iPc     18 40.60  -0.1
                 iS      18 57.00
PEL     1.31   6 iPc     18 43.20   0.2
                 iS      19 01.50
      S.D. = 0.3  on   7 of   7 obs.
-----------------------------------
*  FEB  19, 1992  22h 40m 01.98± 0.94s
   52.760 N ±16.7km   160.020 E ±13.9km
   DEPTH =  36.1km  (  3 depth phases)
   4.7mb ( 15 obs.)
 OFF EAST COAST OF KAMCHATKA      (219)

YAK    18.61 312 eP      44 17.10  -1.0
        1.0s    55.00nm          4.7mb
                  e       47 52.00
                  e       51 42.00
TTA    25.01  49 eP      45 22.95  -0.7
INK    34.16  37 eP      46 44.00  -1.2
MBC    37.37  23 eP      47 12.00  -0.3
        1.0s     2.00nm          3.9mb
LZH    42.29 270 e(P)    48 03.00   9.3X
        2.0s    32.00nm          4.7mb
      Z  16s     0.44um          4.4MszX
KEV    53.12 341 eP      49 17.00  -0.6
CHG    57.79 258 eP      49 52.00   0.1
KAF    59.78 337 eP      50 04.30  -0.9
        0.6s    15.80nm          5.3mb
GAR    59.99 296 iP      50 05.50  -1.7
NUR    61.57 337 eP      50 16.30  -1.1
        0.7s    11.00nm          5.1mb
OBN    62.78 327 eP      50 25.00  -0.5
        1.0s    17.00nm          5.1mb
NB2    63.85 344 P       50 31.00  -1.6
        0.8s     6.30nm          4.8mb
HFS    64.25 342 eP      50 33.90  -1.3
        0.4s     2.20nm          4.6mb
CLL    72.65 339 iP      51 28.30   1.0
PRU    73.54 338 eP      51 34.00   1.5
GRF    74.56 340 eP      51 41.00   2.6
                  e       51 50.00  29km
KHC    74.57 338 eP      51 40.00   1.5
                  e       51 51.00  36km
MEM    74.69 343 P       51 40.60   1.5
GEC2   74.81 338 Pc      51 39.90  -0.1
        0.4s     0.84nm          4.0mb
WRA    75.76 205 P       51 44.80  -0.8
        1.0s     1.00nm          3.8mb
KBA    76.55 337 iPc     51 50.10   0.1
        0.6s     6.60nm          4.8mb
                  i       52 02.90  44km
SOTA   76.90 339 iPc     51 53.10   1.2
SSF    78.55 344 eP      52 01.00   0.2
        1.0s    12.00nm          4.9mb
AVF    78.84 344 eP      52 02.10  -0.3
        0.8s     5.35nm          4.6mb
LPL    79.46 341 eP      52 07.20   1.1
        1.0s    12.00nm          4.8mb
LPG    79.47 341 eP      52 07.50   1.3
        0.8s     5.35nm          4.6mb
      S.D. = 1.2  on  25 of  26 obs.
-----------------------------------
%  FEB  19, 1992  23h 00m 15.05± 1.38s
   44.053 N ±11.2km    12.074 E ± 7.2km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                    (545)

SFI     0.21 231 Pc      00 20.20   0.6
                 eSg     00 24.20
PGD     0.31 235 Pc      00 21.50  -0.1
                 eSg     00 26.50
CRE     0.43 192 P       00 23.90   0.0
                 eSg     00 30.80
ARV     0.84 131 P       00 31.80   0.6
                 eSg     00 44.50
MME     1.00 279 P       00 34.40   0.2
                 eSn     00 49.20
BDI     1.06 271 P       00 34.60  -0.6
```

eSg 00 49.60
ASS 1.07 156 P 00 34.50 -0.7
eSg 00 50.00
S.D. = 0.6 on 7 of 7 obs.

% FEB 19, 1992 23h 01m 22.37± 1.42s
44.022 N ±11.4km 12.028 E ± 7.9km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)

SFI 0.16 232 Pc 01 26.60 0.5
eSg 01 29.80
PGD 0.27 237 Pc 01 27.90 -0.2
eSg 01 32.90
CRE 0.40 188 P 01 30.40 -0.1
eSg 01 37.10
ARV 0.84 128 P 01 38.70 0.0
eSg 01 51.50
MME 0.97 281 P 01 41.70 0.7
BDI 1.03 273 P 01 41.00 -0.9
S.D. = 0.7 on 6 of 6 obs.

% FEB 19, 1992 23h 13m 03.78± 1.23s
42.369 N ± 7.5km 19.851 E ± 8.3km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.9 (TTG).

PVY 0.24 22 iPgc 13 09.14 0.1
iSg 13 12.94
TTG 0.44 278 iPgd 13 12.63 -0.1
iSg 13 19.64
IVA 0.50 4 iPgd 13 13.95 -0.1
iSg 13 21.62
ULC 0.60 228 iPgd 13 15.84 -0.1
iSg 13 24.90
BDV 0.76 264 iPgd 13 18.77 0.1
iSg 13 29.83
NKY 0.77 305 iPgd 13 18.60 -0.3
iSg 13 30.29
HCY 1.01 275 iPgd 13 23.15 0.3
iSg 13 37.94
PLE 1.02 341 iPgc 13 23.03 -0.1
iSg 13 38.54
BRY 1.10 299 iPgc 13 24.74 0.2
iSg 13 41.18
S.D. = 0.2 on 9 of 9 obs.

? FEB 19, 1992 23h 43m 43.46± 0.73s
17.841 S ±12.1km 116.022 W ±26.7km
DEPTH = 10.0km (geophysicist)
4.7mb (7 obs.)
SOUTHERN EAST PACIFIC RISE (684)

RFA 45.41 121 iPc 52 04.70 0.4
BCH 52.87 356 eP 53 03.12 1.3
ALQ 53.27 10 eP 53 05.77 0.9
1.0s 6.96nm 4.6mb
ANMO 53.28 10 ePc 53 05.70 0.8
1.0s 6.75nm 4.6mb
MEO 54.90 18 iPc 53 16.00 -0.6
BONR 55.54 358 eP 53 22.04 0.5
TNP 55.63 359 eP 53 22.00 -0.1
1.1s 8.12nm 4.7mb
MSU 56.17 4 ePc 53 26.79 0.8
PV09 56.41 6 eP 53 28.00 0.2
e 53 34.50
EMUT 57.56 5 eP 53 36.14 0.3
DUG 57.81 3 eP 53 38.30 0.8
BW06 60.61 5 ePc 53 55.50 -1.4
HPI 61.31 2 (P) 54 02.20 0.5
RSSD 62.62 10 eP 54 09.80 -0.7
1.0s 16.27nm 5.2mb
e 54 16.00
VGB 63.20 356 (P) 54 14.26 0.3
SHW 63.98 355 (P) 54 20.19 0.9
DPW 65.44 358 (P) 54 28.82 0.3
NEW 65.81 359 eP 54 30.00 -0.9
SPA 72.27 180 iPd 55 12.00 1.1
1.1s 23.21nm 5.2mb
FFC 73.26 8 ePc 55 15.50 -1.0
0.8s 8.00nm 4.8mb
PMR 83.45 345 (P) 56 11.00 -1.1
FBA 85.99 347 ePc 56 24.70 -0.1
1.0s 1.80nm 4.2mb
INK 86.84 354 eP 56 28.00 -0.9
MBC 93.90 359 eP 57 04.50 2.8X
GEC2 129.10 41 PKP 02 51.50 -2.0
1.0s 0.89nm
S.D. = 0.9 on 24 of 25 obs.

% FEB 19, 1992 23h 54m 14.89± 0.70s
46.695 N ± 5.7km 9.559 E ± 5.8km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)

VDL 0.22 196 iPc 54 20.10 0.4
OSS 0.40 91 iPc 54 22.90 -0.3
LLS 0.42 295 ePd 54 22.80 -0.8
TMA 0.76 219 ePd 54 29.60 -0.2
MMK 1.28 240 ePc 54 38.80 0.0
SLE 1.29 326 ePc 54 39.40 0.5
FEL 1.58 319 ePn 54 43.49 0.3
DIX 1.61 248 ePd 54 48.10 4.4X
S.D. = 0.6 on 7 of 8 obs.

FEB 20, 1992 00h 08m 54.36± 0.65s
37.482 N ± 6.6km 21.127 E ± 4.8km
DEPTH = 10.0km (geophysicist)
3.8mb (5 obs.)
SOUTHERN GREECE (368)
ML 4.2 (ROM), 3.6 (ATH).

VLS 0.81 329 ePg 09 09.90 -0.2
VLI 1.64 117 ePb 09 23.60 0.3
AGG 1.81 31 ePb 09 27.02 1.2
eSb 09 48.78
ATH 2.11 76 ePn 09 30.70 0.6
IGT 2.14 343 ePn 09 36.02 5.4X
eSn 10 03.58
KEK 2.46 335 ePg 09 41.70 6.6X
LIT 2.82 22 ePn 09 41.17 0.8
eSn 10 15.79
PAIG 3.15 38 ePn 09 44.97 0.0
eSn 10 21.53
FNA 3.30 3 ePn 09 48.29 1.1
eSn 10 27.14
THE 3.46 24 ePn 09 49.41 0.2
eSn 10 30.61
GRG 3.61 16 ePn 09 51.22 -0.3
eSn 10 32.73
OUR 3.62 37 ePn 09 51.22 -0.3
eSn 10 33.58
OHR 3.63 356 iPn 09 52.20 0.3
SOH 3.76 27 ePn 09 53.85 0.2
eSn 10 38.65
LCI 3.77 320 P 09 51.70 -2.1
KNT 3.92 20 ePn 09 56.06 0.1
eSn 10 42.70
GRI 3.94 291 P 09 59.11 2.9X
VAY 3.99 16 iPn 09 57.00 0.1
SRS 4.10 27 ePn 09 58.09 -0.4
ROI 4.14 302 P 10 01.00 2.0
TDS 4.34 302 P 10 07.20 5.4X
CSI 4.43 303 P 10 05.30 2.2
ORI 4.47 307 P 10 04.50 0.8
SKO 4.49 3 iPn 10 03.50 -0.5
iPg 10 23.20
iSn 10 54.60
i 11 38.00
ATN 4.54 280 P 10 04.80 0.2
BRT 4.56 319 P 10 04.50 -0.5
MEU 4.96 267 P 10 11.00 0.3
PZI 4.98 267 P 10 08.34 -2.6
MGR 5.10 303 P 10 12.90 0.3
SGO 5.47 306 P 10 18.80 0.9
DUI 6.63 311 P 10 34.40 0.1
HVAR 6.72 329 i(Pn) 10 39.50 4.1X
SDI 7.05 309 P 10 40.60 0.5
BEO 7.35 356 e(P) 10 54.00 9.8X
ISR 8.66 26 eP 11 11.00 8.3X
MLR 8.78 23 eP 11 20.00 15.7X
VBY 9.14 333 ePn 11 10.20 1.0
eSn 12 44.60
PTJ 9.25 337 eP 11 06.00 -4.8X
VRI 9.37 25 eP 11 19.00 6.7X
CEY 9.65 331 eP 11 17.00 0.7
e(S) 13 05.00
LJU 9.87 332 e(P) 11 21.50 2.3
e(S) 13 08.00
VOY 10.10 330 e(Pn) 11 20.60 -1.9
eSn 12 12.80
KHC 12.87 337 eP 12 13.00 13.1X
e 12 19.20
GRF 14.14 333 e(P) 12 21.00 4.3X
CLL 14.98 340 eP 12 36.00 8.3X
NUR 23.16 4 eP 14 06.00 4.5X
HFS 23.16 351 eP 13 59.00 -2.6
0.3s 0.70nm 3.7mb
EKA 24.27 325 P 14 12.00 -0.4
1.2s 8.80nm 4.3mb
NB2 24.39 348 P 14 10.70 -2.9
0.7s 1.20nm 3.6mb
KAF 24.87 6 iP 14 15.70 -2.4
0.5s 2.70nm 4.2mb
BCAO 32.98 185 ePd 15 33.20 1.7
0.2s 10.00nm 5.4mb X
KIC 38.91 224 (P) 16 21.00 -1.0
YKA 74.21 340 eP 20 42.30 9.6X
0.6s 0.30nm 3.5mb
S.D. = 1.3 on 38 of 53 obs.

? FEB 20, 1992 00h 36m 12.88± 7.63s
10.972 N ±32.7km 62.192 W ±66.9km
DEPTH = 70.0km (geophysicist)
NEAR COAST OF VENEZUELA (97)
MD 3.0 (TRN).

TCE 0.51 122 eP 36 25.54 -0.4
eS 36 35.37
TRN 0.84 112 eP 36 29.20 -0.4
eS 36 41.29
TPP 0.98 132 eP 36 32.31 1.0
eS 36 47.74
TBH 1.21 114 eP 36 33.72 -0.6
eS 36 49.18
TPR 1.41 81 eP 36 37.21 0.2
eS 36 54.94
BOT 1.46 82 eP 36 37.93 0.2
eS 37 25.04
S.D. = 0.8 on 6 of 6 obs.

& FEB 20, 1992 01h 07m 36.36s
36.021 N 117.891 W
DEPTH = 3.3km
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 2.6 (PAS), 2.3 (GS).

PANV 0.74 59 P 07 50.30 -0.9
MCA 0.80 38 P 07 51.10 -1.2
OSM 0.83 94 P 07 51.80 -1.1
FMT 1.09 55 P 07 56.60 -0.9
SGV 1.18 36 P 07 58.80 -0.3
LCH 1.23 9 P 07 58.90 -1.0
SDH 1.40 63 P 08 01.70 -1.1
YMT3 1.42 57 P 08 02.60 -0.5
MGM 1.45 12 P 08 03.70 0.0
YMT5 1.45 52 P 08 03.20 -0.4
YMT6 1.46 55 P 08 03.00 -0.7
LSM 1.49 61 P 08 03.60 -0.5
TMBR 1.58 50 P 08 05.00 -0.5
ABL 1.59 223 P 08 05.15 -0.6
SSK 1.81 175 P 08 10.38 1.5
S 08 32.90
BONR 1.96 350 Pn 08 10.95 -0.1
Pg 08 13.16
S 08 40.73
BCH 1.97 246 P 08 11.50 0.4
S 08 37.49
TNP 2.13 14 Pn 08 13.84 0.4
Pg 08 16.05
PEC 2.21 164 P 08 15.62 1.2
PLM 2.79 162 P 08 24.26 1.3
S 09 04.41
20 obs. associated

? FEB 20, 1992 01h 38m 28.30± 3.46s
45.111 N ± 8.5km 7.510 E ±30.6km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.4 (GEN).

RSP 0.18 283 P 38 32.30 -0.2
S 38 33.80
BHB 0.32 213 P 38 35.40 0.4
S 38 39.36
LSD 0.43 324 P 38 37.21 0.1
S 38 42.13
PZZ 0.67 206 P 38 41.41 -0.4
S 38 49.92
S.D. = 0.6 on 4 of 4 obs.

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   FEB  20, 1992  01h 45m 26.58± 0.46s
   40.818 S ± 4.2km  174.426 E ± 5.5km
   DEPTH = 101.5 ±  8.0 km
 COOK STRAIT, NEW ZEALAND          (163)

KIW      0.37  97 Pc     45 40.70  -1.2
DIW      0.38 272 Pc     45 39.70  -2.3
TCW      0.41 196 Pd     45 41.80  -0.3
MRW      0.47 153 Pd     45 42.60   0.2
                  S      45 52.10
WEL      0.53 151 eP     45 43.30   0.3
                  S      45 53.80
CAW      0.57 121 P      45 43.30   0.1
WDW      0.62 137 Pd     45 44.00   0.3
MNG      0.83  76 P      45 45.30  -0.3
                  S      45 56.90
MOW      0.87 134 P      45 46.80   0.8
MTW      0.88 113 P      45 46.50   0.4
CCW      0.95 190 eP     45 49.20   2.4X
BLW      0.96 125 eP     45 47.60   0.6
BSZ      1.09  21 Pc     45 48.10  -0.3
AMW      1.12 116 eP     45 48.90   0.2
PGZ      1.42  83 eP     45 52.20  -0.1
QRZ      1.44 269 Pc     45 53.40   0.9
THZ      1.49 230 eP     45 55.70   2.5X
                  eS     46 15.00
NRZ      1.53 345 P      45 54.00   0.4
KHZ      1.73 202 P      45 58.90   2.7X
                  eS     46 18.50
RUZ      1.83  23 eP     45 57.90   0.4
WAHZ     1.85  54 eP     45 57.90   0.1
DSZ      2.18 244 eP     46 03.60   1.4
MOZ      2.33   7 P      46 04.50   0.5
                  eS     46 29.50
WHH      2.50  40 eP     46 06.30  -0.2
LTZ      2.54 219 P      46 09.10   2.1
                  eS     46 37.70
WLZ      3.11  17 eP     46 15.60   1.0
MQZ      3.17 204 P      46 16.10   0.7
                  S      46 50.10
URZ      3.29  40 eP     46 15.30  -1.8
                  eS     46 52.50
EWZ      3.78 223 eP     46 24.80   1.0
KUZ      4.19  14 eP     46 29.70   0.3
ODZ      5.06 212 P      46 41.60   0.3
                  eS     47 35.20
LRCZ     5.65 220 eP     46 48.80  -0.9
LSCZ     5.68 219 eP     46 49.20  -0.8
MHZ      5.68 220 eP     46 49.50  -0.6
SBCZ     5.69 220 eP     46 49.10  -1.0
CMCZ     5.74 219 eP     46 49.80  -1.2
                  eS     47 52.80
TLC      5.87 220 eP     46 51.80  -1.0
      S.D. = 1.0  on  34 of  37 obs.
-----------------------------------------
*  FEB  20, 1992  02h 00m 11.46± 0.76s
   29.869 N ± 7.7km  142.230 E ±13.1km
   DEPTH =  33.0km  (normol)
   4.5mb (  5 obs.)
 SOUTH OF HONSHU, JAPAN            (211)

KAKJ     6.55 345 eP     01 47.50  -0.5
                  eS     03 00.40
IIDJ     6.67 328 eP     01 52.80   3.0X
                  eS     03 11.50
CHJJ     6.73 337 eP     01 50.00  -0.6
                  eS     03 03.30
MAT      7.46 334 eP     02 01.00   0.3
       1.0s    26.00nm          5.2mb
                  (S)    03 18.00
MTMJ     7.65 332 eP     02 04.40   0.9
NIIJ     7.83 341 eP     02 04.60  -1.3
GUN     48.95 282 P      08 57.60   0.4
PKI     49.45 282 P      09 00.80  -0.2
KKN     49.50 282 P      09 01.60   0.4
DMN     49.70 282 P      09 02.00  -0.8
GKN     49.98 283 P      09 05.60   0.8
WRA     50.10 190 P      09 04.40  -1.1
       0.7s     4.80nm          4.6mb
GAR     58.62 300 eP     09 59.20  -8.5X
YKA     69.70  29 eP     11 19.20  -0.4
       0.7s     1.00nm          4.0mb
FFC     79.38  32 eP     12 16.50   1.1
       0.7s     6.00nm          4.7mb
NB2     81.06 33B P      12 25.20   0.9
       0.8s     2.10nm          4.2mb
      S.D. = 0.8  on  14 of  16 obs.
-----------------------------------------
&  FEB  20, 1992  02h 30m 02.02s
   59.229 N          139.548 W
   DEPTH =  26.1km
 SOUTHEASTERN ALASKA                ( 19)
      <AEIC>. ML 2.6 (AEIC).

YKU      0.34 344 iP     30 09.32  -0.3
.                 eS     30 14.91
HON      0.41  57 eP     30 10.40  -0.4
                  eS     30 17.48
PNL      0.45  10 iP     30 10.63  -0.8
                  eS     30 17.23
BCPM     0.73 357 iP     30 14.71  -1.3
                  eS     30 25.26
PCA      0.94 338 iP     30 18.05  -1.5
                  eS     30 30.53
WRG      1.50 304 eP     30 25.50  -2.0
                  eS     30 44.69
YAH      1.59 317 eP     30 27.23  -1.8
                  eS     30 49.13
CTGM     1.96 334 eP     30 33.08  -1.2
                  eS     30 58.05
TGL      2.25 314 eP     30 36.00  -2.4
                  eS     31 03.74
BALM     2.29 324 eP     30 37.14  -1.8
                  eS     31 06.15
CRQM     2.37 312 eP     30 37.53  -2.6
GLB      3.07 318 eP     30 48.59  -1.4
SGAM     3.13 297 eP     30 50.66  -0.1
FID      3.80 297 eP     30 59.76  -0.5
KLU      3.90 308 eP     30 59.71  -1.9
GLI      4.13 297 eP     31 02.31  -2.6
       16 obs. associated
-----------------------------------------
%  FEB  20, 1992  02h 37m 08.28± 0.64s
   38.458 N ± 7.1km   13.524 E ± 5.7km
   DEPTH =  10.0km  (geophysicist)
 SICILY                            (398)

USI      0.37 313 Pd     37 16.50   0.7
                  eSg    37 22.40
GIB      0.61 140 P      37 21.20   0.5
                  eSg    37 31.00
CVT      0.97 217 P      37 27.20   0.5
                  eSg    37 38.10
LVI      1.05 244 P      37 26.90  -1.1
                  eSg    37 40.60
TDS      2.50  60 P      37 49.30  -0.3
CSI      2.52  58 P      37 50.30   0.3
ROI      2.62  64 P      37 50.80  -0.6
      S.D. = 0.8  on   7 of   7 obs.
-----------------------------------------
&  FEB  20, 1992  03h 01m 57.30s
   61.845 N          149.678 W
   DEPTH =  11.1km
 SOUTHERN ALASKA                    (  2)
      <AEIC>. ML 2.5 (AEIC), 3.0
      (PMR).

PWA      0.22 206 iPc    02 03.20   1.1
PLRM     0.36 134 iPd    02 05.00   0.2
                  eS     02 10.82
PMR      0.36 134 iPd    02 05.60   0.8
GHO      0.37 101 iPd    02 04.69  -0.2
                  eS     02 10.01
PMS      0.61 175 iPc    02 09.60   0.2
CUT      0.63 334 ePc    02 09.05  -0.7
SUA      0.64 234 iPd    02 09.80  -0.2
                  eS     02 19.37
SML      0.64  93 iPd    02 09.55  -0.5
                  eS     02 18.04
KNK      0.73 126 iPd    02 11.08  -0.4
                  eS     02 21.42
SKT      0.89 280 eP     02 13.59  -0.6
                  eS     02 25.87
HUR      1.14   1 ePc    02 17.70  -0.8
                  eS     02 32.29
CGLM     1.24 245 iPd    02 20.05  -0.2
                  eS     02 35.51
NCG      1.26 251 eP     02 19.79  -1.0
                  eS     02 37.44
SPU      1.32 241 iPd    02 21.37  -0.2
                  eS     02 39.36
CRP      1.32 245 eP     02 21.66   0.0
                  eS     02 39.41
CKN      1.35 244 eP     02 22.61   0.5
SLKM     1.37 191 eP     02 21.83  -0.5
BGL      1.42 247 eP     02 23.27   0.1
                  eS     02 40.64
CKL      1.43 244 eP     02 23.36   0.1
BKG      1.46 239 eP     02 23.82   0.1
GLI      1.58 127 eP     02 26.12   0.9
TRF      1.64 350 eP     02 25.74  -0.5
TOA      1.68  80 ePc    02 27.80   1.1
VZW      1.70 116 eP     02 27.88   0.9
SEW      1.75 176 eP     02 28.94   1.2
KTH      1.81 342 eP     02 28.27  -0.4
                  eS     02 52.52
KLU      1.83  99 iPc    02 28.51  -0.4
RDT      1.84 227 eP     02 29.57   0.5
DFR      1.92 231 eP     02 31.23   0.9
                  eS     02 56.13
MCK      1.93  10 eP     02 30.51   0.2
REF      2.00 228 eP     02 32.86   1.3
LTI      2.02 153 eP     02 31.93   0.3
TZL      2.02  82 eP     02 32.88   1.2
RS2      2.04 228 eP     02 33.71   1.6
RS1      2.04 228 eP     02 33.24   1.1
RDW      2.04 229 eP     02 32.37   0.2
SDG      2.06  69 eP     02 31.82  -0.4
RED      2.07 228 eP     02 32.64   0.1
                  eS     03 00.20
PAX      2.26  58 eP     02 35.60   0.3
BWN      2.34   2 eP     02 35.51  -0.7
INE      2.44 224 eP     02 39.90   2.2
CNPM     2.45 199 eP     02 39.04   1.2
INW      2.45 225 eP     02 40.26   2.3
SGAM     2.55 120 eP     02 39.29   0.0
WRH      2.73  15 eP     02 43.20   1.3
NEA      2.76   5 eP     02 42.89   0.7
GLB      2.83  96 eP     02 43.56   0.3
HDA      2.85  25 eP     02 42.45  -1.1
CCB      2.94  16 eP     02 43.25  -1.4
SVW      2.95 258 eP     02 46.90   2.0
PDB      3.02 229 eP     02 47.48   1.6
FBA      3.18  15 eP     02 47.50  -0.7
MDM      3.19  11 eP     02 48.30  -0.1
GLM      3.32  17 eP     02 49.18  -1.0
IMA      4.59 339 eP     03 07.00  -1.3
YKA     16.27  72 eP     05 51.00   4.0
       0.5s     0.10nm          2.2mb X
       56 abs. associated
-----------------------------------------
   FEB  20, 1992  03h 05m 55.73± 0.61s
   41.966 N ± 6.1km   20.182 E ± 5.1km
   DEPTH =   5.0km  (geophysicist)
 ALBANIA                           (391)
      ML 2.3 (TTG).

PVY      0.65 346 iPgc   06 07.84  -0.9
                  iSg    06 16.97
ULC      0.70 270 iPgd   06 09.65   0.0
                  iSg    06 20.63
TTG      0.83 304 iPgd   06 11.84  -0.3
                  iSg    06 24.10
IVA      0.93 347 iPgc   06 13.30  -0.7
                  iSg    06 26.20
SKO      0.94  89 ePg    06 15.00   0.9
                  iSg    06 26.00
OHR      0.97 151 iPg    06 13.80  -0.9
                  iSg    06 28.60
BDV      1.06 288 iPgd   06 16.23   0.1
                  iSg    06 32.32
NKY      1.22 314 iPgc   06 19.05   0.1
                  iSg    06 37.03
HCY      1.34 292 iPgd   06 21.06   0.1
                  iSg    06 41.74
PLE      1.48 337 iPgd   06 23.59   0.4
                  iSg    06 44.94
BRY      1.53 308 iPgd   06 24.94   1.1
                  iSg    06 47.59
      S.D. = 0.7  on  11 of  11 obs.
-----------------------------------------
&  FEB  20, 1992  03h 15m 25.30s
   63.373 N          151.225 W
   DEPTH =   8.6km
 CENTRAL ALASKA                     (  1)
      <AEIC>. ML 2.5 (AEIC), 3.2
      (PMR).

PWA      1.84 160 eP     15 57.40   0.1
PMR      2.03 151 ePn    15 59.25  -0.9
```

iS 16 30.63
FBA 2.15 43 ePn 16 00.81 -1.0
ePg 16 04.30
eS 16 30.76
TTA 2.22 261 (Pn) 16 00.22 -2.7
iS 16 33.09
PMS 2.27 159 eP 16 04.30 0.6
TOA 2.65 116 eP 16 09.80 0.7
IMA 2.90 340 ePnc 16 10.28 -2.4
ePg 16 18.98
eS 16 53.45
SLKM 2.91 170 eP 16 12.59 -0.2
eS 16 52.00
SVW 3.07 224 ePg 16 20.42 5.5
eS 16 59.09
KLU 3.11 125 eP 16 16.00 0.5
iS 16 56.25
PDB 3.87 203 eP 16 24.77 -1.5
11 obs. associated

FEB 20, 1992 03h 22m 40.25± 0.22s
10.745 S ± 3.7km 74.794 W ± 5.6km
DEPTH = 33.0km (normal)
5.0mb (24 obs.)
CENTRAL PERU (116)

NNA 2.36 238 iPd 23 17.10 -0.4
0.8s 522.39nm
eS 23 49.50
PT10 2.51 238 ePc 23 20.00 0.4
iS 23 54.60
ARE 6.53 151 eP 24 17.00 0.2
PSO 12.12 348 eP 25 35.00 0.9
BOG 15.28 3 eP 26 16.00 0.3
eS 30 22.00
SDV 19.94 12 eP 27 12.80 0.1
TOV 20.99 14 eP 27 22.30 -1.2
RTCB 21.37 166 iPd 27 26.20 -1.0
CAR 22.51 21 eP 27 39.70 1.0
PEL 22.61 171 iPd 27 39.00 -0.5
0.8s 35.82nm 4.9mb
MDZ 22.70 167 e(P) 27 40.60 0.2
TACH 23.07 172 eP 27 44.40 0.4
PCH 23.10 171 eP 27 46.50 2.1
LNV 23.31 173 eP 27 41.00 -5.2X
CHCH 23.39 171 eP 27 45.50 -1.6
CACH 23.58 171 eP 27 50.00 1.0
PPD 25.13 119 eP 28 02.70 -1.3
e 28 04.40
BAO 26.53 103 Pc 28 17.40 0.2
e 30 10.00
e 36 06.20
e 36 25.00
e 36 44.00
PRM 45.16 351 P 30 54.70 -1.0
LHS 45.33 353 P 31 00.20 3.2X
PWLA 47.18 345 P 31 10.30 -1.4
NAV 48.14 354 P 31 19.50 0.3
CVL 48.59 356 P 31 24.50 1.9
OLY 48.62 342 P 31 22.20 -0.7
TUL 50.46 338 ePd 31 37.30 0.3
1.3s 37.50nm 5.2mb
LNO 50.46 338 ePd 31 37.10 0.2
MEO 50.58 335 iPd 31 37.90 -0.1
FVM 50.63 344 P 31 36.50 -1.8
0.7s 16.09nm 5.1mb
TBR 51.63 1 P 31 46.10 0.4
ARUT 60.33 325 P 32 47.60 -0.9
RSSD 60.72 336 P 32 50.70 -0.5
0.8s 6.01nm 4.8mb
DAU 61.06 329 P 32 53.40 -0.3
DUG 61.71 328 P 32 57.40 -0.5
0.8s 3.60nm 4.6mb
BW06 62.03 332 P 32 58.70 -1.4
0.9s 4.94nm 4.6mb
BONR 63.26 322 P 33 09.40 1.0
ORV 66.20 322 P 33 27.90 0.8
SES 68.60 336 ePd 33 41.80 -0.2
FFC 69.13 344 eP 33 44.00 -1.2
0.8s 7.00nm 4.8mb
VGB 69.61 327 P 33 48.50 0.2
DPW 69.90 330 P 33 51.10 1.1
LIC 71.46 80 P 33 58.84 -1.3
1.1s 12.50nm 4.9mb
TIC 71.57 79 P 33 59.60 -1.1
PNT 71.57 331 eP 34 01.00 0.9
KIC 71.77 80 P 34 00.76 -1.2

0.9s 16.00nm 5.0mb
YKA 79.25 342 eP 34 42.30 -1.2
1.1s 5.00nm 4.4mb
BTH 86.27 45 Pc 35 16.00 -4.0X
FLN 87.88 40 eP 35 27.10 -0.6
0.8s 10.75nm 5.2mb
LDF 88.05 40 eP 35 28.60 0.1
0.8s 10.75nm 5.2mb
TCF 88.87 43 eP 35 32.40 -0.1
0.9s 6.55nm 5.0mb
INK 88.98 341 eP 35 32.00 -0.6
MAF 89.08 43 eP 35 33.60 0.1
1.1s 11.00nm 5.1mb
BGF 89.36 42 eP 35 35.00 0.2
1.0s 14.00nm 5.2mb
AVF 89.76 42 eP 35 36.60 -0.1
1.0s 9.00nm 5.0mb
SSF 89.94 42 eP 35 37.40 -0.1
1.0s 10.00nm 5.0mb
SMF 90.05 42 eP 35 38.10 0.1
1.0s 11.00nm 5.1mb
LOR 90.23 42 eP 35 38.60 -0.3
0.8s 6.70nm 5.0mb
LBF 90.23 42 eP 35 39.70 0.8
0.8s 5.35nm 4.9mb
MBC 90.70 350 eP 35 42.00 1.5
LPL 91.71 44 eP 35 47.20 1.2
1.0s 8.00nm 5.1mb
LPG 91.72 44 eP 35 47.30 1.2
0.8s 6.05nm 5.1mb
CDF 92.74 41 eP 35 50.80 0.3
BCAO 94.08 86 iPd 35 59.00 1.7
0.8s 7.00nm 5.1mb
GEC2 97.01 42 PKP 36 09.70 -0.3
0.8s 0.43nm 4.1mb
ZST 99.17 43 eP 36 21.10 1.4
ASPA 135.76 219 iPKPd 41 59.60 -0.5
1.1s 4.60nm
WRA 138.13 223 PKP 42 05.20 0.6
0.7s 3.10nm
BJI 149.24 343 ePKP 42 27.50 4.6X
1.0s 16.00nm
S.D. = 0.9 on 63 of 67 obs.

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* FEB 20, 1992 04h 31m 50.56± 3.01s
51.384 N ±24.1km 6.427 E ± 9.0km
DEPTH = 5.0km (geophysicist)
GERMANY (543)
MD 2.5 (UCC). ML 2.1 (BNS).

BNS 0.63 131 iPgd 32 03.10 -0.1
0.4s 89.00nm
iSg 32 11.80
ENN 0.69 207 ePg 32 04.00 -0.4
0.4s 8.00nm
eSg 32 16.00
MEM 0.82 199 iPc 32 07.20 0.3
SNF 1.61 238 iP 32 19.10 -0.6
WLF 1.73 186 iP 32 24.00 2.6X
iS 32 47.00
DOU 1.74 223 iP 32 22.40 0.9
iS 32 44.20
S.D. = 0.8 on 5 of 6 obs.

? FEB 20, 1992 04h 34m 46.84± 3.18s
31.321 N ±21.3km 138.547 E ±26.9km
DEPTH = 90.1 ± 26.4 km
4.4mb (4 obs.)
SOUTH OF HONSHU, JAPAN (211)

CHJJ 4.73 4 eP 35 57.20 0.1
MAT 5.22 357 (P) 36 09.00 5.1X
0.9s 48.74nm 4.7mb
eS 37 11.00
MTMJ 5.29 354 eP 36 11.40 6.4X
BJI 20.11 302 eP 39 27.00 11.4X
GUN 45.56 280 P 43 00.00 0.1
WRA 51.13 185 P 43 42.30 -0.2
0.5s 1.60nm 4.3mb
INK 60.55 25 eP 44 48.00 -1.5
MBC 62.66 15 eP 45 04.50 1.0
YKA 69.94 28 eP 45 48.70 -1.2
1.1s 1.70nm 3.8mb
SES 78.09 38 eP 46 39.00 1.8
FFC 79.80 31 eP 46 45.00 -1.3
0.9s 7.00nm 4.5mb
LRM 79.93 42 eP 46 48.70 1.2

LPB 151.64 65 PKP 54 34.00 7.4X
S.D. = 1.5 on 9 of 13 obs.

FEB 20, 1992 05h 05m 59.89± 1.04s
39.021 S ± 6.3km 174.820 E ± 8.6km
DEPTH = 252.6 ± 13.5 km
NORTH ISLAND, NEW ZEALAND (159)

BSZ 0.78 174 P 06 34.40 0.1
MNG 1.68 162 P 06 40.00 -0.1
S 07 06.10
KIW 1.84 178 P 06 41.40 -0.1
DIW 1.91 201 P 06 42.30 0.2
CAW 2.09 175 P 06 43.70 0.0
MTW 2.20 166 P 06 44.60 -0.1
MRW 2.21 182 P 06 44.80 0.0
S 07 15.20
TCW 2.23 191 P 06 45.40 0.4
KUZ 2.38 18 eP 06 46.10 -0.3
AMW 2.40 163 P 06 46.60 0.0
BLW 2.40 168 P 06 46.50 -0.1
MOW 2.42 172 P 06 46.60 -0.3
ORZ 2.52 224 P 06 47.70 -0.2
HBZ 3.08 64 P 06 54.20 0.4
THZ 3.11 207 P 06 54.30 0.2
KHZ 3.53 196 P 06 59.10 0.4
DSZ 3.57 219 P 06 59.20 -0.1
LTZ 4.23 206 P 07 07.20 0.3
MQZ 4.96 199 P 07 14.90 -0.8
EWZ 5.39 212 P 07 21.30 0.3
S.D. = 0.3 on 20 of 20 obs.

% FEB 20, 1992 05h 22m 33.38± 1.18s
45.536 N ± 9.5km 15.295 E ± 7.6km
DEPTH = 5.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
MD 2.2 (LJU).

VBY 0.04 221 iPgc 22 34.40 -0.4
iSg 22 35.50
PTJ 0.59 52 iPg 22 45.30 0.1
iSg 22 53.50
CEY 0.64 289 e(Pg) 22 46.60 0.4
iSg 22 55.70
LJU 0.74 314 e(Pg) 22 47.00 -1.1
eSg 22 58.70
VOY 1.10 297 ePg 22 55.50 1.0
eSg 23 09.50
S.D. = 1.1 on 5 of 5 obs.

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* FEB 20, 1992 05h 35m 04.92± 1.30s
31.736 S ±10.3km 66.967 W ±12.4km
DEPTH = 33.0km (normal)
LA RIOJA PROVINCE, ARGENTINA (138)

CFA 1.09 276 iPc 35 24.90 0.9
ZON 1.47 277 iPc 35 30.30 0.9
eS 35 48.30
RTCB 1.58 279 iPc 35 30.50 -0.6
S 35 49.00
MDZ 1.96 234 iP 35 37.10 0.5
iS 36 06.10
RTBS 2.12 271 iPc 35 37.20 -1.5
S 36 01.20
RFA 3.28 202 iP 35 55.00 -0.2
S 36 26.20
CYA 3.43 18 iP 35 57.50 0.0
S 36 33.00
S.D. = 1.1 on 7 of 7 obs.

? FEB 20, 1992 07h 18m 49.08± 5.09s
43.813 N ±26.4km 8.460 E ±22.2km
DEPTH = 5.0km (geophysicist)
CORSICA (380)
ML 2.0 (GEN).

IMI 0.42 283 P 18 57.92 0.3
S 19 03.76
FIN 0.44 335 P 18 58.23 0.4
S 19 04.28
ROB 0.64 319 P 19 01.61 -0.3
S 19 10.73
PCP 0.73 5 P 19 03.66 0.0
S 19 13.91
ENR 0.86 299 P 19 06.02 -0.1
S 19 17.30
STV 0.93 298 P 19 07.15 -0.1

S 19 19.14
PZZ 1.20 306 P 19 11.86 -0.1
S 19 27.86
S.D. = 0.3 on 7 of 7 obs.

& FEB 20, 1992 07h 32m 41.23s
36.029 N 117.895 W
DEPTH = 3.3km
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 2.6 (PAS).

PANV 0.74 60 P 32 55.10 -1.0
MCA 0.79 39 P 32 55.90 -1.2
OSM 0.83 94 P 32 57.40 -0.5
FMT 1.09 56 P 33 01.40 -1.0
SGV 1.18 36 P 33 03.70 -0.2
LCH 1.22 9 P 33 03.70 -1.0
SDH 1.40 63 P 33 06.50 -1.2
YMT3 1.41 57 P 33 07.20 -0.7
MGM 1.45 13 P 33 07.70 -0.8
YMT5 1.45 53 P 33 07.90 -0.6
YMT6 1.46 55 P 33 07.80 -0.8
LSM 1.49 61 P 33 08.20 -0.8
JON 1.51 74 P 33 08.20 -1.0
TMBR 1.58 50 P 33 09.70 -0.6
ABL 1.60 223 ePc 33 10.97 0.3
eS 33 33.96
SSK 1.82 175 ePn 33 13.69 -0.2
ePg 33 15.61
eS 33 38.94
BONR 1.95 351 ePn 33 15.81 0.0
ePg 33 17.79
BCH 1.97 245 eP 33 16.34 0.4
eS 33 42.73
PHAM 2.04 265 (P) 33 17.60 0.7
eS 33 45.63
TNP 2.12 15 ePn 33 16.79 -1.4
ePg 33 20.89
eS 33 48.34
PEC 2.22 164 ePn 33 18.16 -1.3
ePg 33 22.53
eS 33 50.73
21 obs. associated

? FEB 20, 1992 07h 56m 25.62± 2.88s
31.876 S ±14.9km 69.829 W ±38.1km
DEPTH = 110.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

RTBS 0.39 56 iPd 56 42.20 0.3
S 56 55.50
RTCB 0.96 66 eP 56 46.50 -0.3
S 57 02.50
MDZ 1.30 141 iP 56 51.70 1.2
iS 57 11.90
CFA 1.38 79 ePc 56 51.20 -0.2
(S) 57 11.20
RFA 3.10 159 ePc 57 12.90 -0.9
S.D. = 1.1 on 5 of 5 obs.

FEB 20, 1992 07h 58m 17.97± 0.28s
13.181 S ± 5.6km 166.963 E ± 8.3km
DEPTH = 118.4km (6 depth phases)
5.1mb (18 obs.)
VANUATU ISLANDS (186)

HNR 7.82 298 eP 00 11.00 0.4
eS 01 36.00
DZM 8.86 183 iPc 00 24.90 0.3
iS 02 00.20
CTA 20.98 248 P 02 54.80 1.3
RMQ 21.61 229 iPd 03 00.30 0.6
0.9s 40.00nm 4.8mb
ARMA 22.25 217 iPd 03 08.10 2.1
1.0s 86.00nm 5.1mb
RIV 25.09 212 iPd 03 34.30 1.3
0.9s 4941.18nm 7.0mb X
CMS 26.63 223 iPd 03 47.00 -0.3
0.4s 5.00nm 4.4mb
e 04 12.00 116km
BWA 27.02 215 iPc 03 49.20 -1.7
CAN 27.37 213 iPc 03 53.60 -0.4
TOO 30.93 214 iPc 04 25.80 0.1
0.6s 31.00nm 5.2mb
BFD 32.36 218 iPd 04 39.30 1.2
0.8s 28.00nm 5.1mb
ASPA 32.98 247 iPc 04 41.30 -2.4
0.8s 19.00nm 4.9mb
Z 20s 0.30um 4.0Msz
e 07 24.20
e 11 08.50
ADE 33.50 225 iPd 04 48.00 -0.1
0.8s 49.25nm 5.4mb
WARB 39.94 245 eP 05 41.50 -0.8
KAKJ 55.25 334 eP 07 41.10 0.1
CHJJ 55.64 333 P 07 43.70 -0.2
MAT 56.40 332 iPc 07 48.40 -1.0
0.8s 25.37nm 5.3mb
MTMJ 56.62 332 P 07 50.70 -0.3
NIIJ 56.63 333 P 07 50.90 0.0
SSE 62.20 316 iPc 08 29.00 -0.3
0.9s 58.00nm 5.6mb
CSY 64.85 202 iPd 08 45.30 -0.8
0.6s 22.30nm 5.3mb
BJI 70.88 321 eP 09 24.50 0.5
1.0s 30.00nm 5.1mb
CHG 74.18 294 ePc 09 44.40 0.6
SPA 76.90 180 iPc 10 00.10 1.5
0.5s 32.87nm 5.4mb
LZH 77.06 312 iPc 10 01.80 1.8
1.5s 113.00nm 5.4mb
pP 10 31.50 117km
PDB 79.15 19 P 10 12.30 1.6
SLKM 80.99 20 P 10 20.80 0.3
TTA 81.12 16 P 10 22.10 0.9
0.9s 7.53nm 4.5mb
PMR 82.15 20 P 10 26.70 0.3
0.9s 16.45nm 4.8mb
KLU 83.15 21 P 10 32.40 0.6
pP 11 03.70 122km
BALM 84.12 22 P 10 37.30 0.6
pP 11 07.90 119km
IMA 84.24 15 P 10 38.70 1.5
0.8s 4.70nm 4.4mb
pP 11 09.30 119km
FBA 84.97 18 P 10 41.00 0.3
0.7s 18.90nm 5.1mb
pP 11 11.80 119km
GUN 88.39 299 P 10 59.00 0.4
PKI 88.70 299 P 11 00.40 0.4
KKN 88.87 299 P 11 00.60 -0.1
DMN 88.97 299 P 11 01.60 0.4
GKN 89.47 299 P 11 03.40 -0.1
HYB 92.38 287 eP 11 16.20 -0.6
YKA 96.31 27 eP 11 32.70 -1.2
0.6s 0.80nm 4.4mb
MBC 98.89 13 eP 11 47.00 1.7
KEV 118.16 345 ePKP 16 52.00 0.1
KAF 123.65 339 ePKP 17 01.90 -0.7
0.6s 2.70nm
NUR 125.33 338 iPKP 17 06.40 0.5
0.4s 4.30nm
PPD 128.68 133 ePKP 17 13.20 -0.4
NB2 129.06 345 PKP 17 13.10 -0.1
0.9s 4.00nm
GEC2 138.14 334 PKP 17 31.40 0.6
0.6s 1.07nm
LBF 143.40 340 ePKP 17 37.80 -2.3
0.6s 2.70nm
GRR 143.47 346 ePKP 17 37.70 -2.4
0.8s 10.75nm
SSF 143.48 341 ePKP 17 38.60 -1.6
0.6s 4.05nm
LPL 143.67 336 iPKPc 17 39.20 -1.7
0.6s 4.50nm
LPG 143.67 336 iPKPc 17 39.60 -1.4
0.8s 6.70nm
LPF 143.85 346 ePKP 17 39.30 -1.5
0.6s 5.40nm
BGF 144.14 341 iPKPc 17 40.00 -1.4
0.6s 8.10nm
MAF 144.53 341 iPKPc 17 41.70 -0.3
0.8s 14.80nm
TCF 144.58 342 iPKPc 17 41.70 -0.5
0.6s 8.55nm
SSB 144.69 338 PKP 17 41.95 -0.4
SBF 144.73 334 iPKPc 17 41.90 -0.6
0.8s 45.65nm
LSF 144.82 342 iPKPc 17 42.30 -0.2
0.8s 30.90nm
MFF 144.96 344 iPKPc 17 43.10 0.4
0.8s 34.90nm
PGF 145.07 331 iPKPc 17 43.30 0.1
0.9s 32.75nm
FRF 145.31 335 iPKPc 17 43.80 0.4
0.8s 29.55nm
LRG 145.52 335 iPKPc 17 44.00 0.2
0.8s 18.80nm
LMR 145.56 334 iPKPc 17 44.70 0.9
0.8s 10.75nm
RJF 145.67 342 ePKP 17 44.80 0.8
1.0s 16.00nm
CAF 145.84 341 ePKP 17 45.40 1.0
0.9s 11.45nm
BCAO 147.65 257 iPKPd 17 48.60 0.5
0.3s 128.00nm
ic 17 51.60
ic 18 19.90
S.D. = 1.0 on 67 of 67 obs.

% FEB 20, 1992 08h 57m 01.98± 1.47s
44.344 N ± 9.8km 8.457 E ±12.3km
DEPTH = 5.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.1 (GEN).

PCP 0.21 18 P 57 06.27 0.0
S 57 09.45
FIN 0.22 233 P 57 07.09 0.5
S 57 10.89
ROB 0.42 264 P 57 10.48 0.0
S 57 16.53
IMI 0.60 224 P 57 13.55 -0.4
S 57 21.96
STV 0.82 263 P 57 18.06 -0.3
S 57 28.93
PZZ 0.98 280 P 57 21.35 0.1
S 57 34.27
S.D. = 0.4 on 6 of 6 obs.

& FEB 20, 1992 09h 19m 37.60s
36.748 N 121.293 W
DEPTH = 6.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.8 (BRK).

SAO 0.12 278 iPd 19 40.65 0.4
LLA 0.31 115 eP 19 43.73 -0.2
eS 19 49.37
PRS 0.42 189 eP 19 45.83 -0.2
ARN 0.63 342 iPc 19 49.84 -0.4
eS 19 59.82
GCC 0.63 297 iPc 19 49.33 -0.9
eS 19 58.89
MHC 0.65 335 eP 19 50.60 -0.1
eS 20 01.20
PCC 1.15 311 eP 19 57.92 -1.5
PHAM 1.16 141 ePn 19 59.02 -0.7
eS 20 16.27
PKEM 1.18 125 ePn 19 59.39 -0.5
iPg 20 00.65
eS 20 19.01
FRI 1.29 79 iPc 20 00.92 -1.0
eS 20 17.51
BKS 1.35 327 ePd 20 03.39 0.4
eS 20 13.48
ZSP 1.42 328 eP 20 03.82 -0.1
CMB 1.47 29 iPd 20 03.43 -1.3
eS 20 22.76
BCH 1.84 147 ePn 20 07.93 -2.2
BONR 2.67 62 (Pn) 20 24.36 2.1
ORV 2.81 357 eP 20 22.27 -1.6
TNP 3.51 66 ePn 20 34.65 0.7
17 obs. associated

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* FEB 20, 1992 09h 58m 16.01± 0.76s
44.484 N ±14.2km 149.444 E ±12.0km
DEPTH = 33.0km (normal)
4.5mb (11 obs.)
KURIL ISLANDS (221)

KUSJ 3.70 250 eP 59 11.90 -0.3
eS 59 52.70
ASAJ 4.90 268 eP 59 34.20 5.0X
HOOJ 4.95 247 eP 59 31.60 1.6
eS 00 28.30
MRRJ 6.43 254 eP 59 52.10 1.3
eS 01 03.40
OFUJ 7.93 230 eP 00 09.70 -2.1
eS 01 32.70
YAK 21.00 334 iPd 03 03.50 4.9X

```
        0.9s     77.00nm             5.1mb
BJI     24.92 271 eP     03 37.00  -0.2
        1.2s     11.00nm             4.3mb
LZH     35.40 272 Pc     05 10.70  -0.1
        1.2s     40.00nm             5.2mb
                  pP     05 20.00  31kmX
BRW     37.13  26 eP     05 25.10   0.4
IMA     37.14  34 eP     05 25.90   0.7
        0.8s      3.70nm             4.3mb
FBA     39.53  37 eP     05 45.80   0.9
MBC     47.59  19 eP     06 50.00   0.1
CHTO    49.07 255 eP     07 02.00   0.0
GUN     52.61 274 P      07 29.00  -0.4
KKN     53.11 274 P      07 32.80  -0.1
PKI     53.15 274 P      07 33.00  -0.3
DMN     53.35 274 P      07 34.60   0.0
GKN     53.45 275 P      07 35.00  -0.2
YKA     54.27  35 eP     07 39.40  -1.2
        0.9s      1.10nm             3.9mb
WRA     65.58 196 P      08 59.30   0.7
        0.7s      0.60nm             3.8mb
NB2     69.50 340 P      09 20.80  -2.0
        0.7s      2.00nm             4.3mb
HFS     69.64 338 eP     09 21.60  -2.0
        0.5s      1.80nm             4.4mb
CLL     77.41 334 iPd    10 08.70  -0.3
        0.9s     13.00nm             5.0mb
PRU     78.04 332 eP     10 13.00   0.5
KHC     79.10 332 eP     10 19.00   0.6
                  e      10 40.50
GRF     79.38 334 ePd    10 20.90   1.0
        0.9s     11.00nm             4.9mb
KBA     80.95 331 iPc    10 29.70   1.2
        0.7s      6.80nm             4.8mb
                  i      10 35.10
     S.D. = 1.0  on  25 of  27 obs.
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% FEB  20, 1992  10h 31m 41.79± 0.52s
   45.857 N ± 3.6km     7.225 E ± 5.0km
   DEPTH =   5.0km  (geophysicist)
 NORTHERN ITALY                   (545)
      ML 2.2 (GEN).

DIX      0.26  30 iPc    31 47.30   0.2
EMS      0.30 316 iPc    31 47.70  -0.1
LSD      0.40 187 P      31 50.30   0.4
                  S      31 55.45
MMK      0.55  69 ePd    31 52.80  -0.1
ORX      0.58 113 P      31 53.19  -0.1
                  S      32 00.88
RSP      0.71 178 P      31 55.86  -0.1
                  S      32 04.98
RRL      0.99 198 P      32 00.99  -0.2
BHB      1.02 178 P      32 01.60   0.1
PZZ      1.36 184 P      32 07.24  -0.2
                  S      32 23.54
     S.D. = 0.2  on   9 of   9 obs.
--------------------------------------
& FEB  20, 1992  12h 08m 20.24s
   59.505 N           151.947 W
   DEPTH =  56.5km
 KENAI PENINSULA, ALASKA           ( 14)
      &lt;AEIC&gt;. ML 2.5 (AEIC).

XLV      0.13 114 eP     08 28.64   1.2
                  eS     08 34.67
CNPM     0.36  86 iP     08 30.10  -0.6
                  eS     08 38.00
BRLK     0.60  64 iP     08 32.64  -0.6
                  eS     08 42.74
NNL      0.63  31 eP     08 34.08   0.5
AUE      0.74 259 eP     08 34.10  -0.8
AUI      0.78 258 eP     08 34.63  -0.7
                  eS     08 46.11
INE      0.79 315 eP     08 34.75  -1.0
                  eS     08 46.44
INW      0.82 314 eP     08 35.27  -0.8
                  eS     08 47.19
SYI      0.93 195 eP     08 36.33  -1.0
                  S      08 49.40
RED      1.01 336 eP     08 37.78  -0.7
                  eS     08 51.75
RS1      1.04 337 eP     08 38.41  -0.7
                  S      08 52.67
RS2      1.04 337 eP     08 38.49  -0.6
                  S      08 52.43
CDD      1.05 237 eP     08 38.10  -0.9
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                  eS     08 52.03
REF      1.06 339 eP     08 38.68  -0.6
                  eS     08 53.27
RDW      1.07 337 eP     08 38.83  -0.6
RDT      1.10 348 iP     08 39.11  -0.6
                  iS     08 53.86
DFR      1.15 342 eP     08 39.92  -0.6
PDB      1.18 285 iPc    08 39.39  -1.3
                  eS     08 53.78
MCNL     1.27 256 eP     08 40.70  -1.3
SLKM     1.33  40 eP     08 42.64  -0.2
SEW      1.40  63 eP     08 42.91  -0.8
                  eS     09 03.51
BKG      1.58 354 eP     08 46.06  -0.3
                  eS     09 07.04
SPU      1.68 358 eP     08 47.53  -0.3
                  S      09 08.74
CKL      1.71 354 eP     08 48.10  -0.1
CKN      1.73 356 eP     08 48.55   0.1
CRP      1.77 357 eP     08 49.41   0.3
BGL      1.78 353 eP     08 49.34   0.2
KDC      1.79 189 (P)    08 50.08   0.9
CGLM     1.81 359 eP     08 49.87   0.3
NCG      1.91 357 eP     08 51.24   0.2
SUA      2.05  16 eP     08 53.46   0.4
PMS      2.11  33 eP     08 54.06   0.3
SKT      2.49   5 eP     08 59.51   0.4
PMR      2.51  32 (P)    09 00.30   0.9
KNK      2.58  41 eP     08 59.37  -1.0
GHO      2.72  32 eP     09 01.41  -1.0
GLI      2.79  58 eP     08 59.50  -3.9
SML      2.92  36 eP     09 04.66  -0.6
KLU      3.59  54 eP     09 12.76  -1.9
                  eS     09 52.73
TTA      3.96 332 (P)    09 18.36  -1.6
BALM     5.02  68 eP     09 32.60  -2.3
        41 obs. associated
--------------------------------------
? FEB  20, 1992  12h 18m 21.70± 4.44s
   30.905 N ±59.6km  140.752 E ±58.3km
   DEPTH =  18.3km  (  2 depth phases)
   4.1mb (  3 obs.)
 SOUTH OF HONSHU, JAPAN           (211)

IIDJ     5.15 333 P      19 39.90   0.2
CHJJ     5.34 344 P      19 42.50   0.1
MAT      6.01 340 eP     19 52.00   0.2
        1.0s      8.00nm             4.4mb
                  eS     21 05.00
MTMJ     6.17 337 P      19 54.00  -0.3
FBA     54.63  30 (P)    27 51.70   0.6
        0.9s      1.10nm             3.9mb
                  e      27 57.70  20km
YKA     69.41  29 eP     29 28.20  -1.9
        0.9s      1.10nm             4.0mb
LRM     78.95  43 eP     30 26.60   0.6
SRU     83.89  48 eP     30 52.57   0.6
                  pP     30 57.99  17km
     S.D. = 1.0  on   8 of   8 obs.
--------------------------------------
? FEB  20, 1992  12h 54m 21.98± 1.07s
   66.304 N ±10.8km   14.628 E ±17.1km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN NORWAY                  (646)
      MD 2.8 (BER).

LOF      1.88 348 eP     54 54.44   0.0
                  eSg    55 18.08
NSS      2.10 213 eP     55 02.86   5.3X
                  eSg    55 33.25
KTK5     4.26  46 eP     55 29.05   0.8
ARA0     5.23  47 Pn     55 41.21  -0.8
                  Sn     56 40.08
                  Lg     57 03.18
NRA0     5.76 195 P      55 49.47   0.0
                  Lg     57 26.02
     S.D. = 1.1  on   4 of   5 obs.
--------------------------------------
  FEB  20, 1992  13h 22m 29.10± 0.47s
   11.654 N ± 7.9km   87.302 W ± 6.4km
   DEPTH =  33.2km  (  3 depth phases)
   4.9mb ( 10 obs.)
 NEAR COAST OF NICARAGUA           ( 74)

UPA      8.09 108 eP     24 28.00   0.7
     Z  19s      3.82um
SDV     16.63  98 eP     26 21.90   0.3
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TOV     17.30  94 eP     26 30.20   0.2
HBF     22.11  16 P      27 30.80   7.5X
PRM     22.78  11 P      27 30.90   1.0
JSC     23.19  13 P      27 35.10   1.2
PWLA    23.23 358 P      27 34.40   0.1
LHS     23.48  14 P      27 38.50   1.8
OLY     24.04 352 P      27 41.70  -0.5
GBTN    24.07   6 P      27 42.90   0.5
TKL     24.11   7 P      27 43.90   1.1
GRT     24.58 356 P      27 46.90  -0.4
MEO     25.21 338 iPd    27 52.50  -0.9
CEH     25.25  16 P      27 54.10   0.4
        0.6s     20.35nm             4.9mb
TUL     25.34 344 e(P)   27 54.30  -0.3
        0.9s    220.50nm             5.8mb
     Z  22s      0.44um              3.9Msz
                  e      27 56.20   7kmX
                  LR     37 27.00
LNO     25.34 344 ePc    27 53.80  -0.7
                  e      27 56.00   8kmX
ELC     25.58 356 P      27 55.30  -1.5
BLA     26.19  13 P      28 03.00   0.4
        0.6s     24.70nm             5.0mb
NAV     26.21  12 P      28 02.70  -0.1
FVM     26.37 354 P      28 02.80  -1.3
        0.5s     12.61nm             4.8mb
ACO     27.12 339 iPd    28 10.60  -0.5
CBN     27.89  17 eP     28 18.00   0.0
        1.1s     37.50nm             5.0mb
ANMO    28.99 326 eP     28 26.20  -2.0
                  pP     28 36.10  35km
LVNJ    31.07  19 P      28 46.50   0.2
GOL     32.20 333 P      28 56.00  -0.6
        1.1s      4.20nm             4.2mb
GLA     33.01 315 eP     29 05.00   1.5
HRV     33.66  21 P      29 09.50   0.6
LPB     33.84 145 P      29 11.00  -0.2
                  LR     40 28.00
SRU     34.26 327 P      29 13.30  -1.1
TPC     34.44 315 eP     29 17.00   1.1
PLM     34.61 313 eP     29 19.00   1.5
MSU     34.74 325 P      29 18.70   0.0
EMUT    34.92 328 P      29 20.20   0.0
ARUT    34.99 323 P      29 21.50   0.8
DAU     35.59 328 P      29 25.80  -0.1
SBB     35.99 315 eP     29 30.00   0.9
DUG     36.27 326 eP     29 31.80   0.3
                  pP     29 41.00  31km
ISA     36.96 315 eP     29 39.00   1.8
HVU     37.37 328 P      29 40.80   0.1
BONR    38.12 319 P      29 48.70   1.5
HPI     38.94 330 P      29 54.60   0.6
LRM     40.22 333 eP     30 04.30  -0.2
ORV     41.09 319 P      30 12.60   1.2
SES     43.27 338 eP     30 28.00  -1.2
                  pP     30 38.00  34km
DPW     44.41 330 P      30 37.30  -1.2
FFC     44.50 348 eP     30 37.00  -2.1
        1.1s     31.00nm             5.1mb
PNT     46.09 331 ePd    30 51.00  -0.7
        0.7s     12.00nm             4.9mb
YKA     54.41 345 eP     31 56.90   1.9
        0.9s      4.00nm             4.4mb
BALM    63.35 333 P      33 00.00   2.7X
INK     64.00 343 eP     33 00.00  -1.3
KLU     65.11 333 P      33 07.80  -0.9
MBC     66.82 352 eP     33 17.50  -1.8
        1.0s      5.00nm             4.6mb
RND     67.09 335 P      33 22.10   0.8
FBA     67.21 336 P      33 26.50   4.6X
TIC     81.15  85 (P)    34 42.90  -0.6
LIC     81.23  85 (P)    34 43.20  -0.6
KIC     81.48  85 (P)    34 44.30  -0.9
LZH    131.37 348 ePKP   41 40.00  -0.4
        1.5s     28.00nm
                  pP     42 52.00
QUE    131.57  30 ePKP   41 41.60   0.6
HYB    147.91  26 ePKP   42 09.70  -0.6
CHG    149.11 348 ePKPc  42 15.30   3.1X
        1.0s     35.25nm
CHTO   149.11 348 ePKP   42 12.00  -0.2
LOE    149.78 343 iPKPd  42 18.40   5.2X
     S.D. = 1.0  on  58 of  63 obs.
--------------------------------------
& FEB  20, 1992  13h 48m 32.94s
   36.030 N           117.895 W
   DEPTH =   3.0km
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 CALIFORNIA-NEVADA BORDER REGION ( 40)
      <PAS-P>. ML 3.1 (PAS), 3.2 (GS).

ISA      0.60 232 iPd    48 44.30  -0.5
PANV     0.74  60 P      48 46.80  -1.0
MCA      0.79  39 P      48 47.40  -1.3
OSM      0.84  94 P      48 48.40  -1.2
GSC      1.15 129 iPc    48 54.10  -1.0
SGV      1.18  36 P      48 55.00  -0.7
LCH      1.22   9 P      48 55.20  -1.2
SBB      1.34 178 eP     48 57.40  -1.0
PPK      1.39 360 P      48 58.50  -0.9
SDH      1.40  63 P      48 58.40  -1.0
YMT3     1.41  57 P      48 58.80  -0.9
MGM      1.44  13 P      48 59.70  -0.5
YMT5     1.45  53 P      48 59.50  -0.7
YMT6     1.46  55 P      48 59.40  -0.9
LSM      1.49  61 P      48 59.80  -0.9
JON      1.51  74 P      48 59.70  -1.2
TMBR     1.58  50 P      49 01.30  -0.7
ABL      1.60 223 eP     49 01.92  -0.5
                  eS     49 25.02
SVP      1.68   3 P      49 03.60  -0.1
FRI      1.75 304 iPc    49 04.34   0.0
                  eS     49 26.81
PKEM     1.79 272 eP     49 05.76   0.7
                  eS     49 28.98
BONR     1.95 351 ePn    49 07.58   0.0
                  ePg    49 09.66
BCH      1.97 245 ePn    49 07.87   0.1
                  iPg    49 08.33
                  eS     49 33.77
PHAM     2.04 265 eP     49 09.07   0.4
                  eS     49 36.46
TNP      2.12  15 ePn    49 09.39  -0.5
                  ePg    49 12.26
                  eS     49 41.41
PEC      2.22 164 ePn    49 09.92  -1.3
                  ePg    49 14.77
                  eS     49 42.44
PRI      2.25 274 iPc    49 12.08   0.4
                  eS     49 43.03
LLA      2.53 284 ePc    49 15.72   0.1
PLM      2.80 162 ePn    49 18.44  -1.3
                  ePg    49 24.58
CMB      2.82 316 ePn    49 18.56  -1.3
                  iPg    49 22.34
                  eS     49 57.41
PRS      2.83 277 eP     49 20.53   0.6
SAO      2.96 285 eP     49 22.40   0.7
ARN      3.21 295 eP     49 25.39   0.1
                  eS     50 09.94
GLA      3.90 139 (P)    49 40.27   5.1
ARUT     3.98  63 ePn    49 34.93  -1.4
                  ePg    49 46.87
ORV      4.53 322 eP     49 53.61   9.6
        36 obs. associated
-----------------------------------
&  FEB  20, 1992  14h 23m 33.07s
   36.027 N          117.892 W
   DEPTH =   3.3km
 CALIFORNIA-NEVADA BORDER REGION ( 40)
      <PAS-P>. ML 2.8 (PAS), 2.6 (GS).

PANV     0.74  60 P      23 47.00  -0.9
MCA      0.79  38 P      23 47.20  -1.7
OSM      0.83  94 P      23 48.50  -1.2
FMT      1.09  55 P      23 53.40  -0.8
SGV      1.18  36 P      23 55.30  -0.5
LCH      1.22   9 P      23 55.40  -1.1
PPK      1.40 360 P      23 59.10  -0.4
SDH      1.40  63 P      23 58.00  -1.5
YMT3     1.41  57 P      23 59.10  -0.6
MGM      1.45  13 P      24 00.00  -0.3
YMT5     1.45  53 P      23 59.70  -0.6
YMT6     1.46  55 P      23 59.60  -0.8
LSM      1.49  61 P      24 00.20  -0.6
JON      1.50  74 P      24 00.00  -1.0
TMBR     1.58  50 P      24 01.50  -0.6
ABL      1.60 223 eP     24 02.39  -0.1
                  eS     24 25.39
SVP      1.69   2 P      24 04.00   0.2
PKEM     1.80 272 (P)    24 05.55   0.4
                  eS     24 28.89
BONR     1.95 350 ePn    24 08.45   0.8
                  ePg    24 09.80
BCH      1.97 245 eP     24 08.18   0.4
                  eS     24 33.54
TNP      2.12  15 ePn    24 08.76  -1.3
                  iPg    24 12.67
                  eS     24 41.54
PEC      2.21 164 eP     24 11.90   0.7
                  eS     24 41.14
PLM      2.80 162 ePn    24 19.60  -0.2
                  ePg    24 24.64
                  eS     24 58.59
CMB      2.83 316 (P)    24 21.02   1.0
                  eS     24 59.97
        24 obs. associated
-----------------------------------
*  FEB  20, 1992  14h 30m 00.50± 0.88s
   46.888 N ±22.7km   27.224 W ± 7.9km
   DEPTH =   10.0km  (geophysicist)
   4.6mb ( 20 obs.)  3.9Msz (  3 obs.)
 NORTHERN MID-ATLANTIC RIDGE      (403)

TOL     18.20 104 eP     34 13.00  -1.8
BTH     19.43  91 eP     34 45.00  15.2X
LFF     19.52  85 eP     34 28.80  -1.9
        1.6s    74.65nm          4.7mb
LSF     19.74  81 eP     34 31.70  -1.5
        0.7s     9.90nm          4.2mb
LPO     19.89  86 eP     34 33.10  -1.7
        1.4s    52.30nm          4.7mb
TCF     20.19  81 eP     34 37.00  -0.9
        1.6s    71.50nm          4.8mb
CAF     20.43  85 eP     34 38.50  -1.9
        1.4s    26.15nm          4.4mb
MAF     20.45  81 eP     34 40.40  -0.2
        0.8s    14.10nm          4.4mb
AVF     20.86  79 eP     34 44.70  -0.1
        1.4s    65.35nm          4.8mb
SSF     20.91  78 eP     34 45.30   0.0
        1.5s    83.55nm          4.9mb
LOR     21.11  78 eP     34 47.30  -0.1
        0.6s    14.00nm          4.5mb
      Z  20s     0.06um          3.0Msz
SMF     21.22  79 eP     34 48.50   0.0
        1.2s    37.20nm          4.6mb
LBF     21.24  78 eP     34 48.40  -0.3
        1.4s    58.80nm          4.8mb
HAU     22.63  75 eP     35 03.30   0.7
        1.0s    18.00nm          4.5mb
      Z  20s     0.68um          4.1Msz
BSF     22.96  75 eP     35 07.50   1.6
        1.4s    78.40nm          5.0mb
GRF     25.55  69 ePd    35 32.20   1.5
        1.2s    16.00nm          4.6mb
      Z  21s     0.70um          4.2Msz
CLL     26.47  65 iP     35 44.30   5.1X
        1.8s    29.00nm          4.7mb
BRG     27.11  66 iP     35 50.70   5.6X
        1.5s    25.00nm          4.7mb
GEC2    27.29  71 P      35 46.30  -0.6
        1.0s     2.05nm          3.8mb
PSZ     31.52  71 e(P)   36 26.00   1.3
MBC     45.54 340 eP     38 21.50   0.1
YKA     48.77 322 eP     38 44.70  -2.2
        1.1s     2.90nm          4.2mb
SES     52.67 307 eP     39 17.00   0.1
INK     52.84 333 eP     39 16.50  -1.3
BCAO    57.79 122 ePd    39 55.10   0.8
        0.7s     6.00nm          4.7mb
EMUT    58.46 296 P      39 49.40  -9.7X
ANMO    58.65 289 (P)    40 00.70   0.3
DUG     59.46 298 P      40 05.50  -0.4
MSU     60.09 296 P      40 10.20  -0.1
IMA     60.12 338 P      40 08.90  -1.2
ARUT    61.32 296 P      40 18.25  -0.4
GAR     67.30  57 eP     40 58.10   0.6
YAK     69.88  11 eP     41 12.00  -0.9
        1.8s    30.00nm          5.1mb
GKN     83.45  56 P      42 32.40   2.7
KKN     83.98  55 P      42 35.00   2.5
DMN     84.02  56 P      42 34.20   1.5
PKI     84.22  55 P      42 36.20   2.4
GUN     84.22  55 P      42 35.40   1.5
      S.D. = 1.4  on  34 of  38 obs.
-----------------------------------
?  FEB  20, 1992  14h 34m 47.73± 5.55s
   10.404 N ±72.0km   87.073 W ±47.9km
   DEPTH =   33.0km  (normal)
   4.7mb (  5 obs.)  3.9Msz (  1 obs.)
 OFF COAST OF COSTA RICA          ( 77)
JSC     24.35  12 P      40 04.60   0.8
MEO     26.45 338 iPd    40 23.40  -0.2
TUL     26.60 344 e(P)   40 25.00   0.1
        0.9s    67.40nm          5.3mb
      Z  20s     0.35um          3.9Msz
                  LR     56 59.00
LNO     26.60 344 e(P)   40 24.80   0.0
RSNY    35.70  15 P      41 53.20   8.1X
        1.0s    21.69nm          5.0mb
RSSD    36.66 339 P      41 54.00   0.5
FFC     45.76 348 eP     43 06.00  -1.7
        0.6s     5.00nm          4.6mb
PNT     47.28 331 eP     43 21.00   1.1
        0.6s     3.00nm          4.5mb
YKA     55.67 345 eP     44 21.20  -1.6
        0.4s     0.50nm          3.9mb
INK     65.26 343 eP     45 29.00   1.0
MBC     68.08 352 eP     45 42.00  -3.9X
GKN    140.99  12 PKP    54 27.00   9.8X
GUN    141.31  10 PKP    54 25.00   6.9X
KKN    141.32  11 PKP    54 27.60   9.7X
DMN    141.46  11 PKP    54 27.00   8.8X
PKI    141.55  11 PKP    54 28.40   9.9X
CHG    150.37 348 ePKP   54 45.00  12.3X
CHTO   150.37 348 ePKPc  54 44.70  12.0X
      S.D. = 1.2  on   9 of  18 obs.
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&  FEB  20, 1992  15h 24m 14.17s
   36.028 N          117.893 W
   DEPTH =   3.7km
 CALIFORNIA-NEVADA BORDER REGION ( 40)
      <PAS-P>. ML 3.4 (PAS), 3.0 (GS).

ISA      0.60 233 iPd    24 25.50  -0.6
PANV     0.74  60 P      24 28.10  -0.9
MCA      0.79  38 P      24 28.90  -1.1
OSM      0.83  94 P      24 29.50  -1.3
FMT      1.09  56 P      24 34.30  -1.0
GSC      1.14 129 iPc    24 35.40  -0.8
LCH      1.22   9 P      24 36.50  -1.1
PPK      1.40 360 P      24 39.90  -0.8
SDH      1.40  63 P      24 39.80  -0.8
YMT3     1.41  57 P      24 40.10  -0.7
MGM      1.45  13 P      24 40.80  -0.6
YMT5     1.45  53 P      24 40.80  -0.6
YMT6     1.46  55 P      24 40.70  -0.8
LSM      1.49  61 P      24 41.20  -0.7
JON      1.50  74 P      24 41.00  -1.1
TMBR     1.58  50 P      24 42.50  -0.7
ABL      1.60 223 ePnc   24 42.93  -0.6
                  eS     25 06.64
SVP      1.69   2 P      24 45.00   0.1
FRI      1.75 304 iPc    24 45.55   0.0
                  eS     25 08.39
PKEM     1.80 272 eP     24 47.46   1.3
                  eS     25 11.19
BONR     1.95 350 ePn    24 48.89   0.2
                  iPg    24 50.70
                  eS     25 17.54
BCH      1.97 245 eP     24 49.16   0.3
                  eS     25 15.70
PHAM     2.04 265 eP     24 50.57   0.8
                  eS     25 17.89
TNP      2.12  15 ePn    24 50.55  -0.5
                  ePg    24 53.62
                  eS     25 22.68
PEC      2.21 164 ePn    24 49.28  -3.0
                  ePg    24 55.82
                  iS     25 23.62
PRI      2.25 274 eP     24 54.91   2.0
LLA      2.53 284 eP     24 57.17   0.4
                  eS     25 31.77
PLM      2.80 162 ePn    24 59.44  -1.4
                  ePg    25 05.93
CMB      2.83 316 eP     25 03.53   2.5
PRS      2.83 277 eP     25 02.95   1.9
KVN      3.02 357 (P)    25 05.36   1.4
ARN      3.21 295 eP     25 08.37   2.0
        32 obs. associated
-----------------------------------
&  FEB  20, 1992  15h 34m 55.46s
   34.170 N          116.901 W
   DEPTH =   13.1km
 SOUTHERN CALIFORNIA              ( 43)
      <PAS-P>. ML 2.7 (PAS), 2.5 (GS).

PEC      0.35 218 P      35 02.10  -0.8
```

```
PLF     0.75 261 eP    35 09.10  -0.7
VPD     0.80 244 ePc   35 10.13  -0.5
                 S     35 21.15
PLM     0.82 178 P     35 10.50  -0.6
SATS    0.94 241 eP    35 12.92  -0.2
                 S     35 25.44
MWC     0.96 274 eP    35 13.17  -0.4
                 S     35 26.48
PAS     1.05 269 eP    35 14.41  -0.6
                 S     35 29.80
GFP     1.17 268 eP    35 16.37  -0.6
PVRC    1.29 252 eP    35 18.09  -1.0
                 S     35 36.00
PVPS    1.30 253 eP    35 18.37  -0.9
                 S     35 36.40
CIS     1.46 239 eP    35 20.90  -0.6
CIW     1.54 243 eP    35 21.96  -0.7
                 S     35 42.81
OSM     1.79   1 P     35 28.00   1.7
    13 obs. associated
--------------------------------------
  FEB 20, 1992  15h 44m 42.39± 0.11s
  15.382 S ± 3.3km  177.108 W ± 3.7km
  DEPTH = 378.9km  (  5 depth phases)
  5.3mb ( 51 obs.)
 FIJI ISLANDS REGION             (181)
    CENTROID, MOMENT TENSOR      (HRV)
    Data Used: GDSN
    L.P.B.: 30S, 75C
    Centroid Location:
    Origin Time         15:44:49.9 0.2
    Lat 15.00S 0.02 Lon 177.20W 0.02
    Dep 379.5 0.9 Half-duration  3.8
    Moment Tensor;   Scale 10**17 Nm
      Mrr=-4.01 0.10  Mtt=-5.63 0.18
      Mff= 9.63 0.18  Mrt=-1.60 0.15
      Mrf= 4.06 0.15  Mtf= 3.49 0.15
     Principal Axes:
      T  Val= 11.27   Plg=14  Azm=280
      N      -3.16     52       173
      P      -8.11     35        20
    Best Double Couple:Mo=9.7*10**17
     NP1:Strike= 54 Dip=55 Slip= -17
     NP2:       154     76      -144

VUN     4.98 238 iPd   46 06.60   2.9
SVA     5.04 237 iPd   46 07.20   2.8
PVC    14.17 258 iPc   47 51.00   1.7
DZM    16.93 244 iPd   48 19.00   0.7
                 iS    51 15.90
                 ScP   55 47.50
RAR    17.45 112 P     48 26.00   2.6
WCZ    21.85 199 P     49 09.20   2.9
       1.0s   451.00nm          5.8mb
                 e     50 10.80
KUZ    22.22 195 P     49 11.00   1.3
HBZ    22.50 190 eP    49 12.30   0.0
       0.4s    45.00nm          5.2mb
PUZ    22.97 189 eP    49 16.30  -0.4
HNR    23.17 282 eP    49 13.00  -5.7X
WLZ    23.29 195 P     49 20.90   1.3
       0.4s    29.00nm          5.0mb
                 e     50 23.40
URZ    23.35 192 P     49 18.10  -2.1
NOZ    23.54 190 P     49 21.80  -0.1
PATZ   23.65 193 P     49 23.10   0.1
MOZ    24.11 196 P     49 27.20   0.1
RUZ    24.57 194 eP    49 30.10  -1.2
                 e     50 39.80
PGZ    25.80 192 P     49 40.80  -1.5
                 e     50 50.60
MNG    25.96 193 P     49 41.20  -2.6X
                 eS    53 37.80
TVO    26.79  99 eP    49 52.00   0.4
       0.8s    55.00nm          5.0mb
ORZ    26.91 198 P     49 52.10  -0.2
                 e     51 03.70
THZ    27.67 196 eP    49 58.70  -0.4
       0.4s    20.00nm          4.8mb
DSZ    27.97 198 P     50 01.10  -0.6
KHZ    28.12 195 P     50 01.50  -1.4
       0.7s   116.00nm          5.3mb
PMO    28.18  93 iP    50 03.80   0.0
       0.8s    70.00nm          5.0mb
VAH    28.42  94 iP    50 05.70  -0.2
       0.8s    35.00nm          4.7mb
TPT    28.45  93 iP    50 06.20   0.1

       0.8s    50.00nm          4.9mb
                 epP   51 15.00 377km
RUV    28.66  94 iP    50 08.10   0.1
       0.8s    60.00nm          5.0mb
LTZ    28.79 196 eP    50 08.50  -0.4
       0.7s   211.00nm          5.6mb
                 e     51 21.20
MOZ    29.55 195 P     50 15.60   0.1
EWZ    29.86 198 P     50 16.80  -1.4
BRS    30.40 242 iPc   50 23.00  -0.1
       1.0s     3.00nm          3.6mb X
                 i     50 25.90
                 i     51 47.00
                 iS    54 54.00
BWZ    31.08 198 eP    50 27.70  -1.0
                 e     50 43.30
LRCZ   31.73 198 eP    50 33.20  -1.3
MMCZ   31.74 199 eP    50 33.40  -1.2
SBCZ   31.76 198 P     50 33.30  -1.4
LSCZ   31.76 198 P     50 33.40  -1.3
CMCZ   31.82 198 P     50 34.00  -1.3
MSZ    31.83 200 eP    50 35.60   0.4
TLC    31.92 199 P     50 35.40  -0.8
RAB    32.20 287 e(P)  50 34.00  -4.7X
ARMA   32.32 237 iPd   50 40.10   0.4
                 i     50 42.10
                 i     51 54.70
TUZ    32.45 197 P     50 40.60   0.2
BCZ    33.04 199 P     50 45.00  -0.5
RMQ    33.64 245 iPc   50 50.40  -0.4
       0.4s    83.00nm          5.4mb
                 ePP   52 19.00
                 eS    56 31.50
SIZ    33.72 198 P     50 52.30   1.1
PMG    35.37 275 ePc   51 05.50   0.1
       1.3s   692.31nm          5.8mb
LAT    36.23 280 eP    51 13.40   0.7
CAN    36.24 230 eP    51 13.00   0.4
                 e     52 26.00
BWA    36.32 232 eP    51 11.70  -1.6
                 e     52 26.10
YYYY   37.34 280 eP    51 23.00   1.0
CMS    37.38 238 iPc   51 22.10   0.1
       0.5s    45.00nm          5.1mb
                 eS    56 49.00
OLP    37.64 246 iPc   51 24.10  -0.1
       0.5s   334.00nm          5.9mb
MDG    37.81 281 eP    51 25.60  -0.1
TOO    39.74 229 iPc   51 42.40   1.0
       0.4s   111.00nm          5.5mb
                 i     52 57.20
MHA    41.03  31 P     51 51.40  -0.5
OIS    41.41 256 iPc   51 54.50  -0.6
       0.9s    74.00nm          5.0mb
BFD    41.77 231 eP    51 59.80   2.0
                 e     53 11.00
ADE    44.07 235 iPc   52 16.80   0.6
       1.0s   148.00nm          5.2mb
ASPA   46.72 252 iPc   52 36.70  -0.3
       1.3s   765.80nm          5.8mb
                 iScP  57 23.90
                 iS    58 55.40
                 iScS  01 53.40
GUA    47.30 305 eP    52 41.00  -0.5
       0.7s   202.74nm          5.5mb
GUMO   47.36 305 eP    52 41.00  -0.9
       0.9s   241.90nm          5.5mb
                 e     54 44.40
                 eS    59 06.20
FORR   52.21 243 iPd   53 18.00  -0.1
       0.3s    76.00nm          5.5mb
WARB   53.33 249 iPc   53 26.30  -0.1
       0.3s    24.00nm          5.0mb
COOL   58.18 243 eP    53 59.20  -1.3
       0.3s    15.00nm          4.9mb
MNI    59.76 281 ePd   54 11.60   0.3
MBL    59.83 254 eP    54 11.30  -0.5
DAV    61.01 287 ePc+  54 18.00  -1.6
KLB    61.08 242 eP    54 19.00  -0.9
       0.4s    31.00nm          5.2mb
RKG    61.70 239 eP    54 24.00   0.0
BAL    62.01 243 eP    54 24.00  -2.1
MUN    62.39 242 eP    54 28.30  -0.3
       0.7s    35.00nm          5.0mb
MRWA   62.68 245 eP    54 30.00  -0.5
       0.5s    14.00nm          4.8mb
NANU   63.66 252 eP    54 37.00   0.2

KHKI   66.00 268 ePc   54 50.00  -1.9
                 e     55 56.00
MAT    66.67 322 eP    54 49.00  -6.6X
       1.0s    10.00nm          4.5mb
                 eS    03 14.00
ADK    66.98   0 eP    54 55.40  -1.7
       1.5s   511.30nm          6.0mb
SMY    68.25 354 eP    55 03.80  -1.1
BAG    69.13 295 eP    55 10.00  -1.3
                 e     57 46.00
                 eS    03 48.00
KKM    69.38 283 ePc   55 12.20  -0.5
       1.0s    65.10nm          5.3mb
SDN    71.84  10 eP    55 23.10  -3.2X
GCC    73.53  43 ePd   55 36.92   0.4
PCC    73.55  43 iPd   55 36.90   0.3
PRS    73.56  44 iPd   55 37.38   0.7
SAO    73.75  44 eP    55 38.34   0.5
NWRM   73.77  42 P     55 38.10   0.3
BCH    73.81  46 P     55 38.70   0.4
ZSP    73.88  42 eP    55 39.00   0.5
PRI    73.93  45 eP    55 39.75   0.8
MHC    73.94  43 ePc   55 38.85  -0.2
       1.1s   136.00nm          5.5mb
                 epP   55 45.85  22kmX
                 esP   55 49.30
PHAM   73.94  45 P     55 38.60  -0.3
LLA    74.00  44 iPd   55 39.80   0.5
ARN    74.02  43 P     55 39.60   0.2
ABL    74.23  46 P     55 40.90   0.0
FHC    74.46  39 eP    55 43.09   1.3
SPA    74.72 180 iPd   55 46.50   3.5X
       0.6s    59.35nm          5.5mb
                 e     57 06.80
MWC    74.72  47 eP    55 43.00  -0.6
BAR    74.95  49 eP    55 42.00  -2.7X
FRI    75.04  44 iPd   55 45.10   0.1
RVR    75.09  48 iPc   55 45.00  -0.4
SBB    75.13  47 iPc   55 45.00  -0.7
PLM    75.14  49 iPc   55 46.00   0.0
CMB    75.15  43 iPd   55 45.98   0.2
ISA    75.18  46 iPd   55 46.00   0.0
PEC    75.19  48 P     55 45.90  -0.2
WDC    75.22  40 iPd   55 46.32   0.3
ORV    75.28  41 ePd   55 46.34   0.0
KDC    75.66  13 eP    55 47.50  -0.5
MIN    75.67  41 ePd   55 48.23  -0.5
TPC    76.10  48 iPd   55 51.00  -0.1
GLA    76.48  50 iPd   55 54.00   0.8
BONR   76.50  44 P     55 53.20  -0.3
                 pP    57 20.60 388km
HKC    77.01 298 iPc   55 57.10   0.9
PDB    77.18  12 P     55 54.50  -1.9
KVN    77.21  43 P     55 57.40   0.1
TNP    77.29  44 P     55 57.80   0.0
       0.8s    50.18nm          5.3mb
SVW    78.14  10 eP    56 00.90  -0.8
BMW    78.32  35 P     56 03.00   0.1
SLKM   78.66  13 P     56 02.90  -1.5
SHW    78.70  35 P     56 05.00  -0.1
VGB    79.13  37 P     56 06.40  -0.9
GMW    79.21  34 P     56 07.40  -0.2
LON    79.27  35 P     56 07.50  -0.5
PGC    79.52  33 eP    56 09.50   0.4
       1.2s   143.00nm          5.6mb
RMW    79.69  35 P     56 10.10  -0.1
ARUT   79.74  46 P     56 11.20   0.4
TTA    79.78  10 ePd   56 10.50   0.1
       1.3s   283.80nm          5.9mb
PMR    79.87  13 ePd   56 09.80  -0.9
       1.7s   345.40nm          5.9mb
ANM    80.21   5 eP    56 12.80   0.4
KGM    80.49 275 eP    56 16.00   1.0
KLU    80.52  15 P     56 12.80  -1.5
TOA    80.99  14 eP    56 16.80   0.1
BALM   81.06  16 P     56 15.90  -1.2
DUG    81.31  44 P     56 19.10   0.2
       0.8s    18.30nm          4.9mb
DPW    81.92  36 P     56 20.90  -0.9
PNT    81.96  34 ePd   56 22.00   0.2
       0.9s    80.00nm          5.5mb
HVU    82.09  43 P     56 23.30   0.4
                 pP    57 51.00 383km
DAU    82.47  45 P     56 24.70  -0.3
EMUT   82.49  45 P     56 25.70   0.6
HPI    82.82  41 P     56 26.40  -0.3
PTI    82.88  42 P     56 27.70   0.8
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IMA	83.08	9	iPd	56 27.40	0.1
	1.8s	364.20nm			5.8mb
FBA	83.09	12	iPd	56 26.40	-0.8
IPM	83.39	277	ePd	56 30.90	1.1
	1.0s	130.90nm			5.7mb
ALO	83.55	51	P	56 31.40	1.0
			pP	57 57.30	373km
LRM	84.24	39	iPd	56 34.00	0.3
SNG	84.49	279	iPc	56 37.90	2.7
	1.0s	118.00nm			5.6mb
			eS	06 30.80	
GOL	86.24	47	P	56 44.20	0.6
	1.6s	42.46nm			5.1mb
LOE	86.38	289	eP	56 45.00	0.7
SES	87.25	36	iPd	56 48.00	0.0
	1.4s	424.00nm			6.1mb
			pP	57 01.00	43kmX
BRW	87.58	6	ePd	56 48.60	-0.4
YAK	87.69	338	iPd	56 47.60	-2.1
	1.9s	120.00nm			5.4mb
			ePP	00 10.00	
			eS	06 54.00	
			eScS	07 07.00	
			eSS	12 40.00	
INK	89.14	15	eP	56 54.50	-1.8
CHG	89.32	290	ePc	57 00.00	1.8
	1.0s	25.00nm			5.0mb
			e	58 26.70	
MEO	89.53	54	iPd	56 58.90	0.0
LZH	90.35	307	eP	57 03.50	0.6
	1.0s	39.00nm			5.3mb
			pP	58 31.00	374km
			PP	00 49.00	
			SKS	06 58.00	
			S	07 27.00	
			PS	09 27.00	
			SS	13 32.00	
YKA	91.53	24	eP	57 07.30	-0.1
	1.0s	16.60nm			4.9mb
TUL	92.04	53	e(P)	57 10.20	-0.2
	1.0s	30.00nm			5.2mb
LNO	92.05	53	e(P)	57 10.90	0.6
FFC	94.08	34	eP	57 15.00	-4.3X
	1.8s	101.00nm			5.6mb
OLY	95.31	55	P	57 26.00	0.6
FVM	96.74	53	P	57 32.00	0.2
	2.4s	300.30nm			6.1mb
MBC	97.63	12	ePd	57 34.30	-0.7
	0.5s	3.00nm			4.8mb
GUN	103.12	296	Pdiff	58 00.00	-1.2X
QUE	119.82	296	ePKP	02 50.70	0.4
KEV	123.61	350	ePKP	02 56.00	-0.1
MAIO	125.75	304	ePKP	03 02.00	0.5
KAF	130.46	346	iPKP	03 08.70	-0.8
PRY	131.64	210	ePKP	03 14.00	1.0
	1.0s	12.00nm			
NUR	132.25	346	ePKP	03 12.70	-0.2
OBN	132.60	334	ePKPc	03 13.50	-0.2
	1.6s	80.00nm			
NB2	134.01	354	PKP	03 16.30	0.0
	1.0s	17.30nm			
HFS	134.62	352	ePKP	03 04.50	-12.9X
	0.4s	1.70nm			
BUL	136.58	216	iPKPd	03 22.10	-0.5
	0.9s	7.14nm			
			iPP	06 22.00	
KRI	138.53	221	iPKPc	03 23.90	-2.3
WIN	139.80	201	e(PKP)	03 22.00	-6.5X
	1.0s	20.00nm			
KRA	142.75	342	ePKP	03 28.90	-3.6X
			e	03 46.20	
KSP	143.01	346	iPKPc	03 29.40	-3.6X
	0.7s	26.00nm			
			i	03 36.60	
			e	05 27.80	
CLL	143.25	349	iPKPc	03 30.20	-3.2X
	1.0s	30.00nm			
			i	04 08.30	
WTS	143.34	356	ePKP	03 31.00	-2.5
	0.9s	29.00nm			
SPC	143.42	341	ePKP	03 30.70	-3.3X
BRG	143.49	348	iPKPc	03 31.00	-2.8X
	1.6s	30.00nm			
			i	05 07.80	
			i	06 39.50	
VRI	143.62	332	ePKP	03 33.50	-0.7
PRU	144.21	347	PKPd	03 33.40	-1.6

			e	03 38.90	
			pPKP	05 19.00	
ISR	144.25	331	ePKP	03 36.00	0.6
MLR	144.26	332	ePKP	03 35.50	0.0
BBTK	144.32	319	iPKPd	03 35.00	-0 7
BNS	144.34	355	ePKPd	03 33.60	-1.6
	0.9s	151.00nm			
HOF	144.41	350	ePKP	03 33.90	-1.5
MDB	144.44	334	ePKPc	03 39.00	3.4X
ENN	144.62	357	iPKPd	03 34.80	-0.9
	1.0s	30.00nm			
UCC	144.65	358	PKPd	03 35.40	-0.3
MEM	144.77	357	iPKPd	03 35.34	-0.6
CMP	144.84	332	iPKPd	03 37.00	0.7
TNR	144.88	334	ePKPd	03 36.00	-0.4
SNF	144.94	358	iPKPd	03 35.98	-0.3
TNS	144.96	354	iPKPd	03 36.00	-0.4
GRF	145.11	351	iPKPd	03 37.30	0.7
	1.0s	148.00nm			
	Z 19s	0.10um			4.6Msz
BHL	145.19	308	PKP	03 36.00	-1.4
KHC	145.22	348	ePKP	03 37.10	0.2
SRO	145.24	342	iPKPd	03 37.60	0.8
ZST	145.24	343	iPKPd	03 37.30	0.4
	1.4s	166.40nm			
			e	05 12.10	
DOU	145.35	358	PKPd-	03 37.10	0.1
WET	145.35	348	iPKPd	03 37.70	0.6
	1.8s	426.00nm			
HRI	145.37	307	ePKP	03 38.90	1.2
VKA	145.39	344	iPKPd	03 38.10	1.0
	2.5s	989.00nm			
			epPKP	05 06.00	
GEC2	145.47	347	PKP	03 34.70	-2.7X
	1.0s	30.16nm			
WLF	145.71	356	PKPd	03 39.00	1.5
HMDT	145.93	305	iPKPd	03 40.50	2.0
UZD	146.24	340	ePKP	03 39.00	0.5
CSS	146.46	311	ePKP	03 41.00	1.7
FUR	146.59	350	iPKPc	03 39.60	0.5
	1.2s	113.00nm			
BST	146.68	8	PKP	03 37.12	-2.1
BHG	146.71	348	iPKPc	03 41.90	2.6
	1.8s	493.00nm			
LDF	146.79	4	ePKP	03 41.00	1.6
	1.2s	142.80nm			
WLS	146.86	355	PKP	03 39.62	0.1
CDF	146.87	355	ePKP	03 42.10	2.5
	1.0s	92.00nm			
GRR	146.94	5	ePKP	03 42.00	2.4
	1.2s	184.45nm			
PRNI	147.02	302	iPKPd	03 43.70	3.4X
ECH	147.07	355	PKP	03 40.72	0.9
BEO	147.11	337	iPKPc	03 42.30	2.3
VITF	147.16	356	PKP	03 39.69	-0.3
KBA	147.22	347	iPKPd	03 39.50	-0.8
	0.9s	9.30nm			
			i	03 42.80	
			i	03 51.90	
			ipPKP	05 13.60	
			i	05 17.50	
			e(PP)	07 10.00	
LPF	147.28	5	ePKP	03 43.10	3.0X
MBH	147.31	301	iPKPd	03 44.40	3.5X
FEL	147.32	354	PKP	03 40.26	-0.2
HAU	147.34	356	ePKP	03 43.30	3.0X
	1.2s	139.85nm			
	Z 20s	0.22um			5.0Msz
SLE	147.38	353	ePKPd	03 40.20	-0.2
MOF	147.43	355	PKP	03 39.99	-0.6
BSF	147.48	355	PKP	03 39.18	-1.5
SQTA	147.51	349	iPKPd	03 40.50	-0.2
	1.3s	101.00nm			
			i	03 43.90	
			i	03 50.10	
PTJ	147.66	343	ePKP	03 40.70	-0.3
ZAG	147.73	343	ePKP	03 41.00	0.1
BBS	147.78	354	PKP	03 40.57	-0.5
OGA	147.88	349	iPKPc	03 42.50	1.0
LJU	147.91	345	ePKP	03 41.00	-0.3
			e	05 15.00	
LOMF	147.96	355	PKP	03 41.72	0.3
VOY	148.08	345	ePKP	03 41.70	0.1
			e	03 44.50	
LOR	148.20	359	ePKP	03 45.50	3.8X
	0.8s	42.00nm			
	Z 20s	0.38um			5.2Msz

OSS	148.21	351	ePKPd	03 42.00	0.1
VBY	148.22	343	ePKP	03 42.30	0.6
			iPKPbc	03 45.90	
CEY	148.22	345	ePKP	03 40.50	-1.3
			e	05 18.50	
SSF	148.41	359	ePKP	03 46.10	4.1X
LBF	148.48	359	ePKP	03 46.10	3.9X
VDL	148.51	351	ePKPd	03 42.50	0.1
CTI	148.56	348	PKP	03 42.40	0.0
RIY	148.60	344	ePKP	03 45.30	3.0X
MFF	148.77	4	ePKP	03 46.90	4.3X
	0.8s	55.05nm			
SMF	148.82	359	ePKP	03 46.90	4.2X
	1.0s	92.00nm			
BGF	148.92	0	ePKP	03 47.20	4.4X
	1.0s	92.00nm			
TMA	148.96	352	ePKPd	03 42.90	-0.2
IVA	148.96	335	iPKPd	03 47.54	4.4X
VAY	149.04	330	iPKP	03 42.00	-1.1
			i	03 47.20	
SKO	149.05	333	iPKP	03 43.50	0.3
	1.8s	263.00nm			
			i	03 48.00	
			i	05 19.80	
			i	07 21.50	
MMK	149.13	353	ePKPd	03 44.10	0.6
DIX	149.16	354	ePKPd	03 44.40	0.8
TCF	149.18	1	ePKP	03 47.70	4.4X
LSF	149.21	2	ePKP	03 47.50	4.2X
VAI	149.21	352	PKP	03 48.00	4.8X
MAF	149.25	0	ePKP	03 48.20	4.9X
	1.0s	92.00nm			
NKY	149.37	336	iPKPd	03 48.03	4.3X
AGO	149.42	360	PKP	03 44.18	0.6
BRY	149.47	337	iPKPd	03 48.24	4.3X
PLDF	149.50	359	PKP	03 44.24	0.4
ORX	149.54	353	PKP	03 48.27	4.3X
ORO	149.55	353	PKP	03 48.80	4.9X
TTG	149.59	336	iPKPd	03 48.63	4.7X
PYM	149.73	360	PKP	03 44.64	0.5
KOT	149.73	304	ePKP	03 49.50	5.0X
LPL	149.79	355	ePKP	03 50.30	5.8X
	1.0s	92.00nm			
LPG	149.80	355	ePKP	03 50.50	5.9X
	1.0s	62.50nm			
LSD	149.80	354	PKP	03 50.22	5.7X
HCY	149.87	337	iPKPd	03 48.96	4.6X
BDV	149.88	336	iPKPd	03 49.12	4.7X
HVAR	149.97	340	iPKP	03 49.40	4.9X
ULC	149.99	335	iPKPd	03 49.72	5.1X
OHR	150.03	332	iPKP	03 44.70	0.0
	1.2s	66.00nm			
			i	03 49.30	
RSP	150.10	354	PKP	03 49.71	4.9X
RJF	150.15	2	ePKP	03 50.30	5.6X
	1.2s	95.20nm			
	Z 20s	0.22um			5.0Msz
HLW	150.15	304	ePKP	03 51.00	5.8X
LBL	150.24	359	PKP	03 47.69	2.7
BNI	150.25	355	PKP	03 52.70	7.7X
RRL	150.37	354	PKP	03 51.55	6.2X
BHB	150.40	354	PKP	03 49.19	4.1X
MME	150.53	349	PKP	03 51.40	5.8X
PCP	150.54	352	PKP	03 50.22	4.8X
CAF	150.54	1	ePKP	03 51.50	6.1X
BDI	150.67	349	PKPc	03 50.50	4.9X
DOI	150.74	354	PKP	03 50.30	4.6X
PZZ	150.75	354	PKP	03 51.04	5.2X
LPO	150.76	2	ePKP	03 51.90	6.3X
	1.2s	119.00nm			
ROB	150.87	353	PKP	03 51.14	5.2X
FIN	150.91	352	PKP	03 50.94	5.0X
STV	150.99	353	PKP	03 50.42	4.3X
ENR	150.99	353	PKP	03 50.32	4.2X
PII	151.01	349	PKPc	03 51.20	5.2X
ASS	151.16	345	PKPc	03 52.40	6.0X
IMI	151.25	352	PKP	03 52.48	6.0X
AQU	151.64	343	PKP	03 55.10	8.0X
AZI	151.97	343	PKPc	03 54.90	7.5X
DUI	151.97	341	PKP	03 54.80	7.2X
SDI	152.12	342	PKPc	03 54.70	6.9X
BTH	152.23	5	iPKPd	03 55.50	7.7X
			e	04 21.00	
LESF	152.41	3	PKP	03 56.35	8.2X
MTHF	152.54	1	PKP	03 56.57	8.2X
SGO	152.68	339	PKP	03 56.10	7.6X
MGR	152.97	338	PKP	03 48.70	-0.3

20c 16h

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TDS   153.10 337 PKP   03 57.40   8.2X
BCAO  161.16 236 iPKPd 04 00.10   0.5
       0.9s    27.00nm
                ic     04 47.70
                id     06 14.10
                id     07 38.20
LIC   168.03 139 PKPd  04 06.12   0.6
       1.2s    36.00nm
KIC   168.32 139 PKPd  04 06.04   0.3
       1.2s    32.00nm
TIC   168.35 137 PKPd  04 06.10   0.3
       1.2s    22.50nm
     S.D. = 1.0  on 235 of 311 obs.
-------------------------------------
*  FEB  20, 1992  16h 33m 15.27± 1.25s
   29.997 N ±10.9km  141.497 E ±17.5km
   DEPTH =  33.0km  (normal)
   4.0mb (  2 obs.)
 SOUTH OF HONSHU, JAPAN            (211)

IIDJ    6.25 332 P      34 52.60   5.0X
KAKJ    6.29 350 P      34 47.30  -0.8
CHJJ    6.39 341 P      34 49.80   0.2
                S      36 05.10
MAT     7.08 338 eP     35 00.00   0.7
       0.8s    12.69nm          4.9mb X
                eS     36 23.00
YAMJ    8.24 352 eP     35 11.80  -3.7X
                eS     36 44.90
OFUJ    9.06   1 eP     35 20.50  -6.3X
                eS     36 56.50
CHG    40.11 264 eP     40 49.50  -0.2
CHTO   40.11 264 eP     40 49.70   0.0
                pP     41 01.70  44kmX
GUN    48.31 282 P      41 55.80  -0.2
PKI    48.80 282 P      41 59.20  -0.6
KKN    48.85 282 P      42 00.40   0.4
DMN    49.05 282 P      42 02.00   0.4
GKN    49.33 283 P      42 04.20   0.6
YKA    69.89  29 eP     44 25.50   0.9
       0.7s     0.50nm          3.7mb
NB2    80.70 338 P      45 24.80  -1.5
       0.9s     2.50nm          4.2mb
     S.D. = 0.8  on  12 of  15 obs.
-------------------------------------
   FEB  20, 1992  17h 10m 51.46± 0.34s
   44.381 N ± 3.3km   11.959 E ± 3.4km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                    (545)
     MD 3.5 (ROM), 3.3 (TRI).

SFI     0.47 190 P      11 00.70  -0.2
                eSg    11 06.70
PGD     0.53 199 Pc     11 01.70  -0.6
                eSg    11 08.50
CRE     0.75 180 P      11 06.10  -0.2
                eSg    11 17.60
FIR     0.79 220 ePg    11 07.50   0.7
                iSg    11 17.00
MME     0.92 259 P      11 10.70   1.4
BDI     1.03 252 P      11 13.00   2.0
                eSg    11 24.80
ARV     1.13 141 P      11 13.40   0.7
                eSg    11 29.80
PII     1.23 238 P      11 14.70   0.4
                eSg    11 31.00
ASS     1.41 159 P      11 18.00   0.8
                eSg    11 34.50
SAL     1.59 321 P      11 21.90   2.2
VVI     1.64  11 P      11 20.40   0.0
CTI     1.68 353 P      11 21.80   0.7
                eSn    11 45.00
BOB     1.84 283 P      11 24.60   1.2
                eSn    11 45.00
TRI     1.84  43 ePn    11 21.00  -2.4
                iSn    11 46.70
                iSg    11 51.40
RIY     1.98  60 iPnd   11 25.10  -0.2
                iSn    11 50.20
MNS     2.06 165 P      11 27.50   0.9
MDI     2.12 312 P      11 28.90   1.6
VOY     2.14  39 ePn    11 27.60  -0.2
                ePg    11 31.40
                eSn    11 54.30
                eSg    12 04.30
CEY     2.21  51 e(Pn)  11 28.50  -0.3
                e(Sg)  12 04.00
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FVI     2.29  14 P      11 30.30   0.5
LJU     2.46  47 ePn    11 32.50   0.2
                ePg    11 40.00
                eSn    12 03.50
                eSg    12 13.50
VBY     2.60  63 ePn    11 34.20   0.0
                iSn    12 05.90
OSS     2.64 332 ePd    11 36.90   2.0
CKI     2.64 272 P      11 34.50  -0.3
VDL     2.74 321 ePd    11 38.00   1.5
TMA     2.78 309 ePd    11 37.90   0.9
PGF     2.83 231 Pn     11 36.80  -0.8
                Sn     12 10.50
KBA     2.87  19 iPnc   11 38.60   0.4
                ic     11 39.00
                i      11 48.70
                iSn    12 14.60
SOTA    2.89 350 iPnd   11 39.70   1.2
                i      11 41.60
                i      12 12.00
                i      12 15.80
                iSn    12 18.10
ZAG     3.19  62 e(Pn)  11 42.00  -0.6
PTJ     3.21  60 iPn    11 42.50  -0.5
                iSn    12 25.50
SBF     3.30 263 Pn     11 44.00  -0.3
                Sn     12 22.00
BHG     3.40  11 ePn    11 47.00   1.4
DIX     3.64 299 ePc    11 52.40   3.2X
LPG     3.86 289 Pn     11 50.80  -1.7
LPL     3.88 289 Pn     11 50.90  -1.8
FRF     3.92 260 Pn     11 52.50  -0.5
                Sn     12 36.80
EMS     3.93 297 ePd    11 54.90   1.5
LMR     4.08 257 Pn     11 54.20  -1.0
                Sn     12 39.30
LRG     4.15 259 Pn     11 56.00  -0.2
SLE     4.16 326 ePc    11 56.50   0.2
FEL     4.44 323 ePn    12 00.19  -0.3
KHC     4.88  13 Pg     12 05.60  -1.0
                e      12 29.00
                Sg     13 01.00
CDF     5.17 323 Pn     12 10.10  -0.7
                Sn     13 07.30
HAU     5.32 315 Pn     12 12.60  -0.3
                Sn     13 10.60
PRU     5.88  16 eP     12 44.50  23.8X
                Sg     13 23.00
SMF     6.14 294 Pn     12 22.70  -1.7
LBF     6.17 298 Pn     12 23.00  -1.8
                Sn     13 28.90
LOR     6.35 300 Pn     12 25.20  -2.3
                Sn     13 33.50
BGF     6.77 292 Pn     12 30.50  -2.7
     S.D. = 1.2  on  48 of  50 obs.
-------------------------------------
*  FEB  20, 1992  17h 32m 35.63± 1.28s
     2.068 S ± 9.7km  102.296 E ±13.2km
   DEPTH = 215.9 ± 12.2 km
   4.7mb ( 12 obs.)
 SOUTHERN SUMATERA, INDONESIA      (274)

KGM     4.18  14 iPd    33 41.70   0.9
       0.8s   585.60nm
                e      33 52.10
IPM     6.72 349 ePd    34 13.10  -0.1
       1.0s   286.70nm          5.4mb
SNG     9.33 350 iPc    34 44.50  -2.5
KHKI   14.65 116 eP     35 56.00   1.8
                e      36 49.00
LOE    19.36 358 eP     36 47.00   0.0
CHG    21.01 351 eP     37 04.00   0.5
MNI    22.81  81 ePd    37 26.50   5.5X
MUN    32.51 158 eP     38 48.50   0.4
     Z  20s    57.40um          6.3Msz
KLB    32.79 155 eP     38 50.00  -0.6
WARB   33.50 138 eP     38 55.00  -1.8
PKI    33.66 332 P      38 58.20  -0.2
GUN    33.73 333 P      38 59.20   0.2
COOL   33.76 150 eP     38 58.50  -0.3
DMN    33.83 332 P      38 59.60  -0.2
KKN    33.90 332 P      39 00.20  -0.1
GKN    34.38 332 P      39 04.60   0.2
ASPA   37.37 128 iPd    39 28.30  -1.2
       0.5s    55.60nm          5.4mb
                i      41 44.20
                iS     44 58.30
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FORR   37.62 142 eP     39 31.50   0.2
       0.4s    51.00nm          5.5mb
NDI    38.91 324 eP     39 42.00   0.0
OIS    40.77 120 eP     39 57.00  -0.4
ADE    47.08 138 iPc    40 48.10   0.3
       0.7s    71.23nm          5.2mb
BFD    50.89 138 eP     41 17.00   0.2
MAT    50.91  37 eP     41 18.00   1.1
       0.9s     7.56nm          4.2mb
EWZ    73.12 135 P      43 44.80   0.7
       0.5s    38.00nm          5.4mb
BUL    73.97 250 iPc    43 50.20   0.4
       0.7s     4.45nm          4.3mb
RUZ    75.57 130 P      43 59.40   1.1
MNG    75.92 131 P      44 00.20  -0.1
PGZ    76.51 131 P      44 03.40  -0.1
BCAO   83.94 275 ePd    44 45.40   2.1
       0.5s     5.00nm          4.5mb
                ic     45 31.40
KAF    85.29 333 eP     44 50.40   1.4
       0.6s     3.50nm          4.3mb
KEV    86.86 340 eP     44 54.00  -2.5
KSP    89.06 321 eP     45 09.20   1.8
GEC2   90.61 319 PKP    45 14.60  -0.1
       0.9s     1.79nm          4.0mb
HFS    91.08 330 eP     45 17.70   1.3
       0.5s     1.30nm          4.2mb
NB2    92.32 331 P      45 22.00  -0.2
       0.8s     1.50nm          4.1mb
CACH  143.39 190 ePKP   51 45.50  -1.0
LNV   143.68 189 ePKP   51 46.00  -0.8
PCH   143.86 190 iPKP   51 46.50  -0.8
TACH  143.90 190 iPKP   51 46.40  -0.9
PEL   144.36 190 ePKPc  51 47.90  -0.2
       0.7s    20.55nm
OLY   144.36  19 (PKP)  51 46.79  -1.2
PPD   144.81 226 (PKP)  51 50.00   0.9
     S.D. = 1.1  on  41 of  42 obs.
-------------------------------------
   FEB  20, 1992  17h 47m 20.33± 0.17s
   12.908 N ± 3.5km  145.245 E ± 4.5km
   DEPTH =  44.5km  (  4 depth phases)
   5.5mb ( 43 obs.)  5.6Msz ( 18 obs.)
 SOUTH OF MARIANA ISLANDS          (210)
      Mo=1.0*10**18 Nm (PPT).
      CENTROID, MOMENT TENSOR     (HRV)
      Data Used: GDSN
      L.P.B.: 22S, 44C
      Centroid Location:
      Origin Time        17:47:30.1 0.3
      Lat 12.91N  FIX;Lon 145.26E  FIX
      Dep  45.0 FIX Half-duration  2.5
      Moment Tensor;   Scale 10**17 Nm
        Mrr= 1.60 0.11  Mtt= 0.25 0.18
        Mff=-1.85 0.15  Mrt=-0.28 0.21
        Mrf= 1.60 0.23  Mtf=-3.54 0.13
      Principal Axes:
        T  Val=  3.64   Plg=32  Azm=222
        N        1.06      56       19
        P       -4.70      10      125
      Best Double Couple:Mo=4.2*10**17
       NP1:Strike=259 Dip=60 Slip= 163
       NP2:        357     76       31

GUA     0.71 333 eP     47 35.00   1.0
GUMO    0.77 331 eP     47 34.20  -0.7
                e(S)   47 52.30
SAPN    2.34  12 eP     47 57.50   0.4
                e(S)   48 19.00
MDG    18.05 178 eP     51 32.40   2.8
RAB    18.33 158 eP     51 32.00  -1.1
LAT    19.51 175 eP     51 45.40  -1.6
DAV    20.21 255 ePc+   51 55.00   0.7
PMG    22.25 175 eP     52 14.00  -1.0
       1.2s   187.50nm          5.4mb
KAGJ   22.49 326 P      52 18.90   1.6
WKYJ   22.96 339 eP     52 21.70  -0.2
MNI    23.20 242 eP     52 25.50   1.2
TKSJ   23.32 336 eP     52 26.30   1.0
IIDJ   23.43 345 P      52 26.10  -0.3
OCP    23.53 277 eP     52 32.00   4.5X
KUMJ   23.58 328 eP     52 28.90   1.0
KAKJ   23.64 350 P      52 30.00   1.6
CHJJ   23.72 347 P      52 27.90  -1.3
TSRJ   24.03 341 P      52 34.20   2.0
BAG    24.11 281 eP+    52 33.00  -0.3
       1.3s   207.69nm          5.5mb
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                     eS     57 02.00
MAT     24.37 346 eP     52 34.00  -1.5
        1.2s    98.44nm          5.2mb
     Z  20s     10.99um          5.3Msz
                     eS     56 54.00
MTMJ    24.51 345 P      52 36.00  -0.9
YONJ    24.61 336 eP     52 38.20   0.4
SHNJ    24.73 331 eP     52 39.90   1.0
NIIJ    24.87 348 P      52 38.40  -1.8
YAMJ    25.59 350 eP     52 49.10   2.1
OFUJ    26.26 354 eP     52 53.90   0.7
HNR     26.57 146 eP     53 08.00  11.8X
SSE     28.62 313 P-     53 14.00  -0.7
        1.0s     9.00nm          4.4mb X
     Z  18s      8.50um          5.4Msz
     N  13s      4.40um
     E  10s      1.20um
                     pP     53 23.50  33kmX
                     sP     53 34.20
                     PP     54 07.00
                     S      58 02.00
                     sS     58 23.00
KKM     29.41 259 ePd    53 23.00   0.8
HOOJ    29.42 357 eP     53 22.90   1.1
HKC     31.00 292 ePc    53 38.00   2.0
ASAJ    31.18 356 eP     53 36.60  -0.8
KNA     32.81 210 eP     53 48.00  -3.8X
QIS     33.71 190 eP     53 58.80  -0.9
        0.9s    27.00nm          5.2mb
BJI     37.20 322 eP+    54 28.50  -0.6
        2.0s   128.00nm          5.5mb
     Z  16s      5.84um          5.5MszX
     N  14s      3.32um
                     pP     54 48.00  80kmX
                     pPP    56 52.00
                     eS     00 14.00
                     eSS    02 44.00
                     eScS   04 31.00
ASPA    38.01 197 iPd    54 35.90  -0.2
        1.1s    41.10nm          5.2mb
     Z  21s      6.90um          5.4Msz
                     eS     00 23.50
QLP     39.27 181 iPd    54 45.90  -0.6
        0.6s    85.00nm          5.7mb
RMQ     39.31 175 eP     54 46.00  -0.9
        1.0s    71.00nm          5.4mb
DZM     40.51 149 iPc    54 55.70  -1.2
BRS     40.72 170 eP     55 00.00   1.4
                     i(S)   01 09.00
KMI     41.81 293 P-     55 08.00   0.1
        1.5s   120.00nm          5.4mb
     Z  16s      4.20um          5.4MszX
     N  12s      0.80um
     E  12s      2.40um
                     e      55 09.50
                     pP     55 19.50  41km
                     S      01 26.00
                     iS     01 31.00
                     sS     01 44.00
MBL     42.06 217 eP     55 08.00  -1.6
LOE     42.17 282 eP     55 15.00   4.4X
                     e      57 07.00
WARB    42.87 205 eP     55 16.00  -0.2
KGM     42.88 259 ePc    55 18.90   2.4
        0.9s   167.70nm          5.8mb
ARMA    43.51 172 eP     55 20.00  -1.4
                     i      55 23.70  12kmX
LZH     43.73 309 P+     55 23.00  -0.3
        1.5s    82.00nm          5.3mb
     Z  18s      8.09um          5.7Msz
     E  17s      5.68um
                     pP     55 38.00  58kmX
                     sP     55 45.00
                     PP     57 08.00
                     S      01 48.00
                     sS     02 13.00
                     SS     04 57.00
NST     43.74 279 eP     55 30.80   7.4X
CMS     44.14 179 eP     55 25.00  -1.4
SNG     44.27 267 eP     55 29.10   1.4
                     eS     02 20.00
NNT     44.35 275 iPc    55 30.20   1.9
IPM     44.42 263 ePc    55 29.30   0.3
        1.0s    59.50nm          5.3mb
CHG     44.83 284 ePc    55 31.70  -0.5
        0.9s    17.23nm          4.9mb
                     e      57 16.00 583kmX
KHT     45.28 278 iPd    55 37.50   1.7
SMY     45.93  24 P      55 50.00   9.6X
     Z  21s      7.05um          5.6Msz
BWA     47.17 176 eP     55 51.00   0.6
                     e      56 03.60  46km
ADE     48.01 187 iPd    55 58.20   1.1
        0.8s   101.49nm          5.9mb
CAN     48.10 176 eP     55 58.30   0.6
                     e      56 11.80  50km
COOL    49.32 208 eP     56 07.00  -0.2
BFD     49.88 183 iPd    56 13.30   2.0
        1.0s    54.00nm          5.5mb
TOO     50.21 180 eP     56 14.00   0.1
        0.7s    39.00nm          5.5mb
                     i      56 29.50  59kmX
YAK     50.29 351 iPc    56 12.80  -1.4
        1.0s   230.00nm          6.2mb
                     ePcP   57 33.00
                     ePP    58 12.00
                     iPPP   58 52.00
                     iScP   01 28.00
                     eS     03 18.00
                     eScS   06 00.00
                     eSS    07 24.00
                     eSSS   09 04.00
MRWA    50.51 214 eP     56 16.00  -0.3
IRK     51.12 329 ePc+   56 18.00  -2.6
     Z  18s      3.43um          5.4Msz
     N  14s      0.66um
     E  15s      1.43um
                     e      56 51.80 147kmX
                     ePcP   57 40.00
                     ePP    58 42.00
                     ePPP   59 43.00
                     eS     03 37.00
                     ePS    03 57.00
                     e      04 45.00
                     e      05 40.00
                     eSS    08 08.00
                     eSSS   10 07.00
                     LR     16 21.00
BAL     51.24 212 eP     56 21.00  -0.8
HON     54.64  73 P      57 00.00  12.7X
     Z  20s      5.67um          5.6Msz
PLL     57.09  75 P      57 04.70  -0.7
GUN     57.11 295 P      57 04.00  -1.5
MLH     57.16  75 (P)    57 05.00  -0.7
PKI     57.51 295 P      57 07.20  -1.1
KKN     57.63 295 P      57 08.20  -0.8
DMN     57.78 295 P      57 09.40  -0.7
GKN     58.21 295 P      57 12.20  -0.7
SDN     59.50  33 eP     57 20.60  -0.6
ANM     61.68  22 eP     57 34.90  -1.1
SVW     64.09  28 eP     57 51.60  -0.4
HYB     64.26 283 ePc    57 53.00  -0.7
        1.0s   125.00nm          5.9mb
                     eS     06 34.00
PDB     64.29  29 P      57 50.30  -2.9
KDC     64.49  32 P      57 54.00  -0.5
        1.3s    99.74nm          5.7mb
TTA     64.61  26 eP     57 54.20  -1.1
SLKM    66.40  29 P      58 04.60  -2.2
IMA     66.73  23 eP     58 07.90  -1.1
        1.3s    71.20nm          5.6mb
PMR     67.21  28 eP     58 09.80  -2.0
        1.2s   158.10nm          5.9mb
BRW     67.87  17 eP     58 15.20  -0.7
POO     68.58 285 iPc    58 21.30   0.1
                     iS     07 24.00
KLU     68.68  29 P      58 20.50  -0.6
FBA     68.68  25 eP     58 18.90  -2.1
TOA     68.69  28 eP     58 21.10  -0.1
BOM     69.50 286 eP     58 25.20  -1.6
                     iS     07 28.20
BALM    70.29  30 P      58 30.80  -0.2
GAR     70.33 307 iP     58 31.70  -0.1
                     iS     07 46.00
                     ePS    08 21.00
                     eScS   08 37.00
                     eSS    12 18.00
SIT     73.52  34 P      59 00.00   9.8X
     Z  19s      3.01um          5.6Msz
INK     74.85  22 ePc    58 56.00  -1.7
        1.0s   190.00nm          6.0mb
MBC     78.84  14 eP     59 19.50  -0.3
        1.1s    52.00nm          5.4mb
PGC     81.29  42 eP     59 37.00   3.7X
GMW     81.92  43 P      59 37.10   0.4
SHW     82.54  44 P      59 42.70   2.6
RMW     82.59  43 P      59 41.20   0.9
LON     82.72  44 P      59 39.10  -1.9
YKA     83.29  27 eP     59 44.70   1.2
        1.0s    31.00nm          5.3mb
PNT     83.64  41 eP     59 46.00   0.4
        0.9s    25.00nm          5.3mb
VGB     83.67  45 P      59 45.70  -0.1
LTCM    83.77  50 P      59 48.00   1.6
ORV     84.38  51 P      59 49.00  -0.5
ARN     84.81  53 P      59 52.00   0.3
ARN     84.81  53 P      59 52.10   0.4
DPW     84.88  42 P      59 51.90   0.0
NEW     85.49  42 P      59 55.60   0.7
        1.0s     8.00nm          4.9mb
CMB     85.55  52 P      59 56.40   0.9
        1.0s    22.01nm          5.3mb
PHAM    86.03  54 P      00 00.00   2.2
SHI     86.05 299 eP     59 57.00  -1.2
BCH     86.43  55 P      00 00.10   0.2
KVN     87.06  51 P      00 04.00   1.0
BONR    87.17  52 P      00 02.00  -1.7
ABL     87.20  55 P      00 03.60  -0.2
KEV     87.28 342 iP     00 03.80   0.6
        1.1s   148.80nm          6.1mb
                     e      10 38.00
                     e      12 32.00
ISA     87.59  54 eP     00 06.00   0.5
TNP     87.97  52 P      00 07.60   0.2
        0.8s    11.79nm          5.2mb
SBB     88.35  55 eP     00 09.00  -0.1
SES     88.70  38 eP     00 11.00   0.5
        1.4s   106.00nm          6.0mb
PEC     89.08  56 P      00 12.40  -0.2
        0.8s    12.11nm          5.3mb
LRM     89.23  43 eP     00 13.90   0.5
PLM     89.46  56 eP     00 16.00   1.4
BAR     89.79  57 eP     00 18.00   2.1
OBN     89.86 327 iPd    00 15.10  -0.6
        1.2s   356.00nm          6.6mb X
     Z  20s      4.00um          5.8Msz
     N  20s      2.20um
     E  20s      2.50um
                     ipP    00 27.50  41km
                     isP    00 35.00
                     i      00 46.00
                     iSKS   10 40.00
                     iS     11 07.00
                     ePS    12 20.00
                     eSS    17 18.00
                     eSSS   21 10.00
                     e      23 46.00
                     LQ     31 42.00
                     LR     39 38.00
TPC     89.92  55 eP     00 24.00   7.5X
DAG     89.99 356 iPd    00 16.00   0.0
        1.0s    29.00nm          5.5mb
PTI     90.19  46 P      00 20.60   2.8
HVU     90.23  47 P      00 19.30   1.3
DUG     90.68  49 P      00 21.00   0.9
        1.1s    22.74nm          5.5mb
ARUT    90.92  51 P      00 22.10   0.8
GLA     91.19  56 P      00 24.70   2.3
KAF     91.49 336 eP     00 22.20  -0.9
        0.6s     9.40nm          5.4mb
MSU     91.66  50 P      00 25.90   1.2
BW06    92.18  45 P      00 26.50  -0.5
        1.4s    14.79nm          5.2mb
FFC     92.19  32 eP     00 27.00   0.5
        1.1s    32.00nm          5.7mb
EMUT    92.26  48 P      00 29.50   2.0
SRU     92.70  49 P      00 29.80   0.4
NUR     93.02 335 eP     00 28.80  -1.4
RSSD    95.42  43 P      00 43.20   1.3
        0.8s     7.01nm          5.2mb
     Z  20s      2.26um          5.6Msz
GOL     96.23  47 P      01 00.00  14.3X
     Z  19s      1.21um          5.4Msz
UPP     96.24 336 eP     00 44.00  -1.0
GLD     96.31  47 P      01 00.00  14.0X
     Z  20s      2.50um          5.7Msz
KAS     97.04 315 iPc    00 49.60   0.5
ANMO    97.18  52 P      00 51.00   1.0
     Z  20s      4.26um          5.9Msz
ALQ     97.18  52 P      01 00.00  10.0X
     Z  19s      3.74um          5.9Msz
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HFS 97.56 338 eP 00 49.50 -1.5
1.1s 32.10nm 5.8mb
Z 17s 2.39um 5.8MszX
LR 48 16.00
NB2 97.81 339 P 00 50.60 -1.6
1.1s 31.70nm 5.8mb
KRA 101.16 328 ePdiff01 07.30 0.0
PS2 102.43 326 ePdiff01 12.00 -1.1
KSP 102.53 330 ePdiff01 13.60 0.2
e 04 31.00
e 05 18.00
SRO 103.35 326 ePdiff01 17.30 0.2
BRG 103.65 331 ePdiff01 19.00 0.6
1.2s 13.00nm 5.6mb
e 05 28.00
e 06 10.00
e 10 52.00
e 12 04.00
e 23 32.00
e 24 52.00
ZST 103.77 327 ePdiff01 20.00 1.1
CLL 103.81 331 ePdiff01 19.00 0.0
1.6s 21.00nm 5.7mb
eSg 31 00.00
UZD 103.93 325 ePdiff01 21.00 1.3
PRU 103.94 330 ePdiff01 20.90 1.2
Z 18s 3.60um 5.9Msz
N 18s 1.90um
E 17s 2.40um
VAY 104.51 319 ePdiff01 21.60 -0.8
SKO 104.87 320 ePdiff01 25.00 1.0
Z 17s 1.09um 5.5MszX
LR 00 31.00
GEC2 105.10 329 Pdiffc01 23.80 -1.2
1.0s 2.03nm 5.0mb
GRF 105.74 331 ePdiff01 29.00 1.3
1.8s 37.00nm 6.1mb
Z 19s 2.00um 5.7Msz
CEH 115.90 39 PKP 06 10.00 9.7X
Z 18s 1.90um 5.7Msz
SLR 119.64 248 ePKP 06 07.40 -0.5
PRY 120.37 246 e(PKP)06 05.00 -4.3X
BCAO 124.34 285 iPKPc 06 17.80 0.7
0.8s 12.00nm
id 06 38.20
WIN 129.89 251 ePKP 06 25.50 -2.3
1.0s 15.00nm
LNV 140.68 128 ePKP 06 50.50 3.2X
TACH 141.16 128 ePKP 06 50.00 1.7
CACH 141.23 129 ePKP 06 43.00 -5.6X
ROCH 141.37 127 ePKP 06 50.00 1.0
SAN 141.45 128 ePKP 06 52.00 3.1X
PCH 141.50 128 ePKP 06 50.50 1.5
PEL 141.55 128 ePKP 06 47.00 -2.1
1.2s 62.50nm
MDZ 143.07 128 i(PKP)06 52.80 1.1
RTCB 143.67 126 iPKPc 06 52.50 -0.3
RTLL 143.99 126 ePKPd 06 50.50 -2.8
CFA 144.06 127 iPKPd 06 51.50 -1.9
ARE 144.32 100 ePKP 06 54.00 -0.5
KIC 144.56 301 PKPc 06 53.60 -1.1
1.0s 314.50nm
ANT 144.58 113 ePKP 06 54.00 -0.4
TIC 144.64 302 PKPc 06 53.78 -1.1
1.0s 261.50nm
LIC 144.88 301 PKPc 06 54.66 -0.6
1.0s 440.00nm
Z 19s 0.50um 5.3Msz
PPD 161.80 122 ePKP 07 20.70 2.5
S.D. = 1.2 on 165 of 183 obs.

? FEB 20, 1992 18h 51m 02.78± 3.03s
44.539 N ±75.9km 152.479 E ±36.5km
DEPTH = 33.0km (normal)
3.5mb (1 obs.)
EAST OF KURIL ISLANDS (222)

KUSJ 5.80 258 P 52 26.90 -1.9
S 53 29.10
HOOJ 7.03 255 P 52 46.70 0.8
S 54 02.80
ASAJ 7.07 270 eP 52 46.50 0.0
YKA 52.97 36 eP 00 17.20 -0.7
0.7s 0.40nm 3.5mb
GUN 54.77 276 P 00 32.40 0.4
KKN 55.27 276 P 00 36.40 0.9
GKN 55.60 277 P 00 38.20 0.4

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

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* FEB 20, 1992 20h 13m 14.11± 2.23s
38.135 S ±15.6km 176.132 E ±13.3km
DEPTH = 212.4 ± 22.9 km
NORTH ISLAND, NEW ZEALAND (159)

URZ 0.78 99 P 13 43.20 -0.9
eS 14 03.40
RUZ 1.17 212 eP 13 47.10 0.5
NOZ 1.57 108 eP 13 50.80 1.0
HBZ 1.80 73 eP 13 51.60 -0.3
PGZ 2.48 178 P 13 59.70 0.8
MNG 2.53 191 P 13 59.80 0.3
S 14 32.80
KIW 2.88 199 P 14 03.40 -0.1
MTW 3.06 189 P 14 05.30 -0.2
CAW 3.08 195 P 14 05.80 0.0
DIW 3.17 212 P 14 06.50 -0.3
AMW 3.18 185 P 14 07.10 0.2
WDW 3.25 195 P 14 07.20 -0.5
BLW 3.27 189 P 14 07.90 -0.1
MRW 3.28 199 P 14 07.70 -0.4
eS 14 47.70
MOW 3.35 191 P 14 08.70 -0.3
TCW 3.39 204 eP 14 08.80 -0.6
KHZ 4.71 204 eP 14 25.20 -0.5
eS 15 19.30
DSZ 4.91 221 P 14 29.50 1.2
S.D. = 0.6 on 18 of 18 obs.

& FEB 20, 1992 20h 13m 48.33s
60.312 N 152.412 W
DEPTH = 86.7km
SOUTHERN ALASKA (2)
<AEIC>.

RED 0.21 301 iPc 14 00.57 0.9
eS 14 10.28
RS1 0.23 311 iPc 14 00.91 1.1
RSO 0.23 312 iPc 14 00.89 1.0
eS 14 11.46
REF 0.23 321 iPc 14 00.94 1.1
eS 14 10.95
RS2 0.23 312 iPc 14 00.90 1.0
RDW 0.26 311 ePc 14 00.86 -0.7
RDT 0.26 1 iPc 14 00.80 -0.7
eS 14 10.96
DFR 0.31 334 iPc 14 01.01 -0.7
INE 0.41 232 eP 14 01.83 -0.6
eS 14 12.91
INW 0.44 236 ePc 14 01.91 -0.7
eS 14 13.26
NNL 0.62 115 iPc 14 04.55 0.6
BKG 0.76 5 iPc 14 04.73 -0.8
eS 14 18.10
CKL 0.89 2 iPc 14 06.07 -0.8
SPU 0.89 11 iPc 14 06.03 -0.8
eS 14 20.09
CKN 0.92 7 iPc 14 06.56 -0.7
XLV 0.93 158 ePd 14 06.47 -0.8
BRLK 0.94 125 ePd 14 06.44 -1.0
eS 14 21.61
BGL 0.95 1 iPc 14 06.95 -0.7
CRP 0.97 7 iPc 14 07.17 -0.7
CNPM 0.99 143 iPd 14 07.29 -0.6
eS 14 22.97
CGLM 1.02 11 iPc 14 07.63 -0.8
eS 14 22.41
PDB 1.04 240 iPc 14 07.44 -1.0
eS 14 22.36
AUE 1.07 207 ePc 14 08.22 -0.7
NCG 1.10 6 ePc 14 08.43 -1.0
eS 14 25.01
SLKM 1.10 79 iPc 14 08.38 -1.0
SUA 1.41 34 iPc 14 12.60 -0.7
eS 14 32.25
MCNL 1.49 222 ePc 14 13.08 -1.1
eS 14 32.08
SEW 1.49 97 eP 14 12.72 -1.5
eS 14 32.93
CDD 1.52 205 eP 14 13.61 -1.0
PMS 1.68 55 iPd 14 16.20 -0.6
BGM 1.69 238 eP 14 15.48 -1.4
SYI 1.71 180 ePd 14 16.34 -0.7
eS 14 38.76
SKT 1.73 14 iPc 14 15.94 -1.4
SVW 1.77 298 iPd 14 17.80 -0.1
PWA 1.82 41 iPc 14 17.80 -0.8
PLRM 2.05 50 ePc 14 19.82 -1.8
PMR 2.05 50 iPc 14 20.20 -1.4
KNK 2.23 59 iPc 14 22.13 -2.0
GHO 2.24 48 iPc 14 22.54 -1.8
LTI 2.29 95 eP 14 22.63 -2.3
CUT 2.34 25 eP 14 24.62 -0.9
MTU 2.40 96 eP 14 24.32 -2.1
SML 2.49 51 iPc 14 25.66 -2.0
KDC 2.57 181 eP 14 27.20 -1.5
GLI 2.68 75 eP 14 27.76 -2.5
HUR 2.99 25 eP 14 34.48 0.1
TTA 3.14 328 eP 14 34.80 -1.8
TRF 3.31 17 eP 14 38.18 -0.9
KLU 3.39 67 iPc 14 37.15 -2.9
TOA 3.51 57 eP 14 40.50 -1.3
SGAM 3.58 84 eP 14 39.96 -2.7
SDG 3.98 53 eP 14 45.99 -2.2
PAX 4.25 48 eP 14 49.97 -2.1
GLB 4.35 71 eP 14 50.10 -3.4
WRH 4.63 24 eP 14 54.58 -2.7
DDM 4.65 39 eP 14 57.11 -0.5
HDA 4.83 29 eP 14 57.62 -2.4
CCB 4.85 24 eP 14 57.61 -2.6
BALM 5.00 77 eP 14 58.86 -3.7
FBA 5.07 23 eP 15 01.20 -2.2
IMA 5.81 355 eP 15 11.20 -2.5
YKA 18.06 67 eP 18 14.00 19.5
0.8s 0.40nm
62 obs. associated

& FEB 20, 1992 20h 20m 43.15s
62.080 N 150.519 W
DEPTH = 2.8km
CENTRAL ALASKA (1)
<AEIC>. ML 2.7 (AEIC).

CUT 0.35 20 iP 20 50.56 0.5
SKT 0.49 259 iP 20 53.22 0.3
iS 21 00.45
PWA 0.53 145 eP 20 54.33 0.7
SUA 0.63 190 eP 20 56.36 0.7
eS 21 07.61
GHO 0.82 112 iP 20 58.62 -0.8
eS 21 10.06
PLRM 0.82 126 eP 20 58.82 -0.7
eS 21 10.71
PMR 0.82 126 iPd 20 58.51 -1.0
eS 21 09.23
PMS 0.95 151 eP 21 01.38 -0.6
eS 21 14.56
HUR 0.99 24 iP 21 01.40 -1.2
eS 21 14.57
NCG 1.03 230 iP 21 02.79 -0.6
eS 21 17.19
CGLM 1.05 223 iP 21 03.18 -0.5
SML 1.07 104 eP 21 02.93 -1.0
CRP 1.13 224 eP 21 04.52 -0.6
SPU 1.16 220 eP 21 04.57 -1.0
CKN 1.17 223 eP 21 05.53 -0.2
KNK 1.19 123 eP 21 05.20 -0.8
eS 21 21.41
BGL 1.21 228 eP 21 05.83 -0.6
CKL 1.24 225 eP 21 06.39 -0.6
BKG 1.31 220 iP 21 06.62 -1.5
TRF 1.38 4 eP 21 08.46 -0.9
KTH 1.49 353 eP 21 11.73 0.8
SLKM 1.58 175 eP 21 11.34 -0.9
RDT 1.76 212 eP 21 14.41 -0.5
MCK 1.81 23 eP 21 15.48 0.0
DFR 1.82 216 eP 21 15.25 -0.5
REF 1.91 214 eP 21 17.18 0.0
RDW 1.95 216 eP 21 17.40 -0.3
RS2 1.95 215 eP 21 17.90 0.2
RSO 1.95 215 eP 21 18.71 1.0
RS1 1.95 215 eP 21 18.08 0.4
RED 1.99 214 eP 21 18.30 0.1
GLI 2.04 125 eP 21 18.74 0.0
TOA 2.04 87 eP 21 19.45 0.5
KLU 2.26 103 eP 21 22.26 0.1
SDG 2.37 77 eP 21 23.25 -0.3
PAX 2.51 67 eP 21 26.63 1.0
FBA 3.08 22 ePn 21 33.92 0.3
BALM 4.05 101 (P) 21 46.59 -0.9
eS 22 41.83
38 obs. associated

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?  FEB  20, 1992  20h 20m 59.53± 0.98s
   44.385 N ± 7.2km     7.333 E ±15.0km
   DEPTH =    5.0km   (geophysicist)
 NORTHERN ITALY                     (545)
      ML 1 4 (GEN).

STV      0.14 183 P      21 02.32   -0.2
                  S      21 04.27
ENR      0.17 158 P      21 03.24    0.2
                  S      21 05.60
PZZ      0.20 306 P      21 03.86    0.1
                  S      21 06.62
BHB      0.46 354 P      21 08.68   -0.1
     S.D. = 0.3  on    4 of    4 obs.
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   FEB  20, 1992  20h 35m 24.33± 0.12s
   33.631 S ± 3.7km   179.533 W ± 3.8km
   DEPTH =   48.1km  (  6 depth phases)
   5.5mb ( 29 obs.)  5.1Msz (  5 obs.)
 SOUTH OF KERMADEC ISLANDS          (179)
      CENTROID, MOMENT TENSOR       (HRV)
      Data Used: GDSN
      L.P.B.: 25S, 47C
      Centroid Location:
      Origin Time        20:35:25.1 0.3
      Lat 33.58S 0.04 Lon 179.16W 0.04
      Dep  58.9 3.3 Half-duration  2.1
      Moment Tensor;    Scale 10**17 Nm
        Mrr=-1.02 0.04   Mtt= 0.07 0.07
        Mff= 0.95 0.08   Mrt= 0.50 0.06
        Mrf= 1.50 0.07   Mtf= 0.27 0.05
       Principal Axes:
        T  Val=  1.89   Plg=29   Azm=287
        N       -0.01       1        18
        P       -1.88      61       110
      Best Double Couple:Mo=1.9*10**17
       NP1:Strike= 13 Dip=17 Slip= -94
       NP2:        198     74       -89

HBZ      4.33 203 eP     36 28.80   -0.5
PUZ      4.78 201 P      36 34.70   -1.0
KUZ      4.98 230 Pd     36 42.50    4.1X
NOZ      5.35 201 P      36 42.00   -1.7
URZ      5.36 210 P      36 43.20   -0.6
WCZ      5.54 244 P      36 51.30    4.9X
WLZ      5.78 222 P      36 51.60    1.9
PAHZ     5.90 207 P      36 51.50    0.0
MAHZ     5.93 200 P      36 49.70   -2.1
WHH      6.15 210 P      36 53.60   -1.3
TTH      6.59 205 P      37 01.00    0.0
MOZ      6.68 222 P      37 04.10    1.7
RUZ      6.87 216 eP     37 03.80   -1.2
WAHZ     6.90 207 P      37 03.40   -2.0
PGZ      7.74 204 eP     37 12.60   -4.4X
MNG      8.03 208 eP     37 18.00   -3.1X
KIW      8.47 210 eP     37 22.70   -4.5X
MTW      8.49 206 eP     37 22.20   -5.2X
AMW      8.53 205 eP     37 22.50   -5.4X
CAW      8.61 208 eP     37 24.70   -4.4X
BLW      8.68 206 eP     37 24.60   -5.5X
MRW      8.86 209 P      37 28.40   -4.2X
TCW      9.03 211 eP     37 30.10   -4.8X
QRZ      9.57 219 eP     37 38.30   -4.0X
                  eS     39 24.40
THZ     10.09 214 eP     37 45.00   -4.5X
KHZ     10.33 210 eP     37 47.30   -5.4X
LTZ     11.18 213 eP     37 59.10   -5.2X
MQZ     11.76 209 eP     38 04.50   -7.6X
EWZ     12.40 214 eP     38 16.20   -4.3X
ODZ     13.69 211 eP     38 31.90   -5.6X
                  eS     40 55.50
LSCZ    14.31 213 eP     38 38.80   -6.9X
SBCZ    14.32 214 eP     38 39.40   -6.5X
CMCZ    14.38 214 eP     38 41.90   -4.8X
TUZ     14.84 211 eP     38 49.00   -3.6X
SVA     15.55 353 eP     39 01.20   -0.8
BCZ     15.69 214 eP     39 00.90   -2.6
DZM     16.90 309 iPc    39 23.70    4.6X
                  iS     42 58.90
RAR     21.42  60 P      40 08.00   -2.1
                  S      44 49.00
BRS     24.61 277 iPc    40 46.80    5.3X
        1.2s      9.50nm          4.2mb X
                  iS     45 09.00
ARMA    24.62 270 eP     40 46.00    4.3X
                  i      40 48.40
CAN     25.94 257 eP     40 57.50    3.5X
                  eScP   47 56.00
BWA     26.52 259 eP     41 00.40    1.1
                  eScP   47 53.00
RMQ     28.28 276 iPc    41 19.20    3.9X
        0.4s     35.00nm          5.3mb
TOO     28.61 252 eP     41 20.00    1.8
        0.7s     25.00nm          5.0mb
                  e      44 27.00
                  e      48 02.00
CMS     29.19 265 iPd    41 26.10    2.6
        0.5s     11.00nm          4.8mb
HNR     30.60 317 eP     41 36.00    0.0
BFD     30.98 253 iPc    41 43.00    3.8X
        0.9s     44.00nm          5.2mb
                  i      48 10.50
QLP     32.00 273 iPc    41 50.80    2.5
        0.3s     30.00nm          5.6mb
PMO     34.08  65 iP     42 04.80   -1.6
        1.2s     80.00nm          5.5mb
VAH     34.14  65 iP     42 05.10   -1.7
        1.2s     75.00nm          5.5mb
TPT     34.30  65 iP     42 06.50   -1.8
        1.2s     50.00nm          5.3mb
ADE     34.34 256 eP     42 10.80    2.2
        1.0s    148.00nm          5.9mb
RUV     34.35  66 iP     42 07.00   -1.7
        1.2s     60.00nm          5.4mb
QIS     38.40 279 iPc    42 44.80    1.9
        0.8s     40.00nm          5.4mb
                  i      48 36.00
PMG     38.97 300 iPc    42 50.00    2.3
        1.0s    110.00nm          5.6mb
LAT     40.99 303 iPc    43 06.60    2.3
ASPA    41.76 271 iPd    43 11.80    1.1
        1.0s     74.30nm          5.4mb
      Z  22s      4.40um          5.3Msz
                  eS     49 23.90
                  e      53 02.60
MDG     42.83 304 eP     43 22.00    2.6
FORR    43.99 259 eP     43 29.00    0.3
WARB    46.81 264 eP     43 51.00   -0.2
        0.4s     12.00nm          5.2mb
COOL    49.64 256 eP     44 12.00   -1.2
        0.5s     25.00nm          5.5mb
KNA     49.71 278 iPd    44 11.60   -2.2
KLB     52.13 254 eP     44 30.50   -1.6
MUN     53.24 253 eP     44 39.00   -1.2
BAL     53.32 255 eP     44 39.50   -1.4
MRWA    54.41 256 eP     44 47.70   -1.2
MBL     54.57 267 eP     44 49.50   -0.7
        0.4s      7.00nm          5.0mb
SPA     56.55 180 iPd    45 06.50    2.4
        1.1s    303.57nm          6.2mb
HLP     57.48  27 P      45 10.20   -0.8
WIH     57.53  27 P      45 10.20   -1.7
AHA     57.57  27 P      45 10.50   -1.1
MKA     57.60  27 P      45 10.40   -1.4
MLH     57.63  27 P      45 11.00   -1.3
PLL     57.64  27 P      45 11.10   -1.4
GUA     57.86 318 e(P)   45 08.60   -5.0X
MHA     58.07  26 ePc    45 13.57   -1.4
                  (pP)   45 27.35   50km
DAV     65.88 297 eP     46 06.80   -0.6
AIA     69.51 156 eP     46 31.10    1.7
KKM     72.37 290 ePc    46 47.10   -0.5
        0.9s     51.00nm          5.5mb
NVL     75.58 184 ePd-   47 05.00   -0.2
        1.6s    439.00nm          6.1mb
                  e      47 16.00
BAG     75.70 301 eP     47 06.00   -0.9
MAT     80.18 327 eP     47 29.00   -1.9
        1.2s     23.44nm          5.0mb
      Z  20s      0.71um          5.0Msz
                  eS     57 30.00
KGM     80.43 279 ePd    47 32.80    0.1
IPM     83.76 280 ePc    47 49.30   -0.7
        1.0s     55.40nm          5.6mb
LNV     84.79 128 iPd    47 55.00    0.1
LCCH    84.98 127 iPc    47 56.40    0.5
ADK     85.19   2 ePc    47 55.42   -0.8
        1.2s    144.90nm          6.0mb
CACH    85.23 128 iPd    47 57.90    0.6
SSE     85.28 312 eP     47 50.00   -7.2X
      Z  20s      0.50um          4.9Msz
                  S      58 16.00
TACH    85.29 128 iPd    47 57.80    0.3
CHCH    85.31 128 ePd    47 58.00    0.4
PCH     85.59 128 iPd    47 59.90    0.8
SAN     85.59 127 iPd    47 59.50    0.5
ROCH    85.65 127 iPd    48 00.10    0.5
PEL     85.77 127 iPd    48 00.00    0.1
        1.0s    400.00nm          6.6mb X
JACH    86.11 127 iPd    48 02.00    0.3
SMY     86.18 356 P      48 20.00   1B.9X
      Z  20s      4.17um          5.8Msz
RFA     86.21 130 iP     48 03.00    0.9
MDZ     87.14 128 i(P)   48 07.70    1.0
RTCB    88.04 127 iPd    48 12.20    1.2
ZON     88.09 127 eP     48 13.30    2.1
BCH     88.21  45 iPd    48 12.48    0.9
PRS     88.27  43 ePd    48 12.71    1.0
CFA     88.34 127 iPc    48 12.70    0.3
RTLL    88.36 127 eP     48 12.80    0.3
GCC     88.40  42 ePd    48 13.09    0.8
RTRS    88.42 126 ePd    48 13.00    0.3
PHAM    88.48  44 ePc    48 13.30    0.6
ABL     88.49  46 ePd    48 13.26    0.2
PCC     88.52  42 iPd    48 13.57    0.7
SAO     88.53  43 ePd    48 13.08    0.2
PRI     88.54  44 ePd    48 14.31    1.2
BAR     88.58  49 iPd    48 14.00    0.7
LLA     88.71  43 iPd    48 14.59    0.8
MWC     88.77  47 eP     48 15.00    0.6
PKEM    88.81  44 eP     48 15.71    1.5
MHC     88.83  42 ePd    48 15.45    1.0
        0.9s     60.00nm          5.9mb
                  e      48 17.55
                  e      48 24.95
                  e      48 29.15
ARN     88.89  43 iPc    48 15.47    0.8
                  epP    48 29.35   47km
                  e      50 03.69
                  e      51 06.50
ZSP     88.91  42 ePd    48 15.39    0.7
PLM     88.91  48 iPc    48 15.00   -0.1
NWRM    88.93  41 ePd    48 15.12    0.4
SSK     88.98  47 ePd    48 15.96    0.6
RVR     89.03  47 iPc    48 16.00    0.7
PEC     89.09  47 eP     48 16.01    0.3
        1.0s     44.10nm          5.7mb
SBB     89.22  47 iPc    48 16.00   -0.3
ISA     89.50  45 iPd    48 18.00    0.4
FRI     89.68  44 ePd    48 18.74    0.4
TPC     89.92  48 iPd    48 20.00    0.4
GLA     89.99  49 iPd    48 21.00    1.1
CMB     90.02  43 ePd    48 20.36    0.4
SDN     90.11  11 P      48 18.90   -0.9
        0.8s    225.78nm          6.6mb X
ORV     90.47  41 iPd    48 22.07    0.1
LOE     90.48 291 eP     48 23.20    0.8
WDC     90.63  40 iPd    48 23.25    0.6
NST     90.75 288 eP     48 30.50    6.9X
MIN     90.97  40 ePd    48 24.01   -0.4
BONR    91.16  44 ePc    48 26.25    0.7
                  e      48 40.00
KHT     91.47 287 iPd    48 27.80    0.8
ANT     91.73 120 eP     48 29.00    0.8
TNP     91.87  44 eP     48 28.73    0.0
        0.9s     73.70nm          6.1mb
                  (pP)   48 42.81   47km
CYA     91.98 126 iP     48 29.70    0.3
KVN     92.02  43 eP     48 29.56    0.2
                  (pP)   48 43.56   47km
CHG     93.45 290 eP     48 36.90    0.8
ARUT    93.93  47 ePd    48 38.63    0.5
BJI     94.32 316 eP     48 39.00   -0.6
      Z  20s      0.72um          5.1Msz
                  eSKS   59 10.00
                  eS     59 52.00
SLA     94.58 124 eP     48 47.80    6.2X
MSU     95.16  47 ePd    48 44.57    0.7
ARE     95.32 114 eP     48 46.00    0.8
LON     95.39  36 (P)    48 44.16   -0.3
                  LR     20 47.70
GMW     95.48  35 ePc    48 45.13    0.3
RMW     95.89  35 ePc    48 47.14    0.4
YJA     96.21 122 eP     48 50.60    1.1
SRU     96.53  47 ePd    48 50.13    0.1
ALQ     96.59  52 P      48 50.90    0.5
        1.3s     20.28nm          5.5mb
                  pP     49 05.40   49km
SLKM    96.84  14 eP     48 49.59   -1.1
HVU     96.87  44 ePd    48 51.50    0.0
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                 pP      49 05.88   49km
DAU    96.90  46 eP      48 52.31    0.5
LPB    97.85 116 P       48 57.20    0.4
DPW    97.94  37 eP      48 55.93    0.0
PNT    98.23  35 eP      48 59.00    1.8
LRM    99.60  41 eP      49 04.10    0.3
LZH    99.61 307 eP      48 59.00   -5.0X
   1.8s      22.00nm              5.4mb
FBA   101.30  13 ePdiff49 10.37   -0.4
   0.8s      16.20nm              5.7mb
SES   103.17  38 ePdiff49 19.00   -0.5
INK   107.24  16 ePKP    53 45.00   -0.8
GUN   108.40 292 PKP     53 49.00   -0.8
PKI   108.61 291 PKP     53 50.40    0.2
KKN   108.81 291 PKP     53 50.60    0.2
DMN   108.86 291 PKP     53 50.80    0.3
YKA   108.91  26 ePdiff49 50.30    5.7X
   1.0s       0.80nm              4.9mb
YKA   108.91  26 ePKP    53 47.50   -1.7
   0.7s       3.20nm
GKN   109.41 291 PKP     54 00.80    9.4X
FFC   110.16  37 ePKP    53 50.00   -1.8
   1.0s      10.00nm
NAV   115.71  61 (PKP)   54 03.49    0.5
MBC   115.84  13 ePKPd   54 00.90   -1.2
   0.9s      24.00nm
CVL   117.67  61 (PKP)   54 05.92   -0.7
KRI   122.63 214 iPKPc   54 13.20   -3.7X
                 ipPKP   54 27.70
QUE   124.34 286 ePKP    54 19.60   -0.4
GAR   124.71 297 ePKP    54 18.70   -1.6
BNH   124.93  56 ePKP    54 19.96   -0.4
                 i       54 24.73
MIM   126.62  56 ePKPd   54 22.83   -0.8
                 e       54 27.67
NAI   131.28 232 iPKPd   54 34.00    0.3
MAIO  132.20 291 iPKPc   54 34.00   -0.7
KBS   134.35 357 ePKP    54 37.10   -0.3
SHI   135.88 280 ePKP    54 33.00   -9.0X
DAG   135.88   6 iPKPd   54 38.20   -2.1
   0.8s      26.87nm
KEV   140.95 346 iPKP    54 49.20   -0.6
KTK1  142.32 347 iPKPd   54 48.01   -4.3X
LOF   144.64 352 iPKPd   54 54.00   -2.2
MSL   145.14 287 iPKP    54 56.40   -1.7
AKU   146.02  14 iPKP    54 58.80    0.2
   1.0s     272.00nm
                 i       55 14.00
BCAO  146.43 214 iPKPc   55 00.90    0.0
   0.9s     149.00nm
REY   146.49  18 ePKP    55 06.50    7.1X
OBN   146.97 322 ePKP    55 00.00   -0.5
   1.7s     410.00nm
Z  24s       0.60um               5.3MszX
N  24s       0.40um
                 i       56 12.00
                 e       56 32.50
KAF   147.10 338 ePKP    54 59.30   -1.2
   0.6s      31.10nm
NSS   148.27 351 iPKPd   55 04.51    2.3
NUR   148.83 337 ePKP    55 02.00   -1.3
   0.8s      31.00nm
                 i       55 07.00
MBH   150.55 272 ePKP    55 11.90    4.9X
HRI   150.65 279 ePKP    55 12.60    5.5X
MOL   150.69 353 ePKP    55 06.03    0.0
BHL   150.83 280 PKP     55 11.00    3.7X
RMN   150.96 273 ePKP    55 12.80    5.2X
UPP   151.43 342 iPKP    55 12.00    4.8X
NB2   151.70 349 PKP     55 06.70   -1.0
   1.5s     163.00nm
FRO   151.71 356 iPKPd   55 13.20    5.6X
FOO   151.86 355 iPKPd   55 13.95    6.2X
HFS   152.10 346 ePKP    55 07.00   -1.2
   1.0s      37.60nm
SUE   152.42 355 ePKP    55 15.30    6.7X
KIC   152.44 169 PKPd    55 10.48    0.4
   1.1s      37.00nm
KAS   152.60 296 iPKPc   55 16.60    7.0X
TIC   152.67 168 PKPd    55 10.24   -0.2
   1.0s      29.00nm
TIC   152.67 168 PKPd    55 10.92    0.5
   0.9s      20.00nm
ASK   152.96 355 ePKP    55 16.50    7.1X
BER   153.05 355 ePKP    55 16.50    7.0X
EGD   153.17 355 ePKP    55 17.00    7.4X
KONO  153.28 350 ePKP    55 17.50    7.6X
CLI   155.90 310 ePKP    55 16.00    2.1
MUD   156.40 348 iPKPc   55 14.00   -0.2
   1.2s      36.00nm
VRI   156.52 309 ePKP    55 21.50    6.8X
ISR   156.90 308 ePKP    55 17.50    2.2
MLR   157.17 309 ePKP    55 16.00    0.3
CMP   157.84 309 ePKPc   55 30.00   13.6X
KRA   158.20 325 ePKP    55 16.20   -0.4
   1.4s      89.00nm
                 e       55 30.00
SPC   158.61 323 e(PKP)  55 16.60   -0.7
KSP   159.26 331 ePKPd   55 17.00   -0.8
                 e       55 54.20
                 e       59 38.50
PSZ   159.58 320 iPKP    55 17.70   -0.6
CLL   160.11 336 iPKPd   55 17.90   -0.7
                 e       55 56.00
BRG   160.14 334 iPKPd   55 17.60   -1.1
   1.8s      52.00nm
                 i       55 59.30
SRO   160.48 322 ePKP    55 18.00   -1.1
PRU   160.63 332 PKP     55 18.80   -0.4
   1.6s      22.40nm
                 e       55 28.40
                 eSKP    58 47.70
                 PP      59 48.00
ZST   160.83 324 iPKP    55 19.10   -0.4
VAY   160.88 300 ePKP    55 18.00   -1.7
VKA   161.16 326 iPKPd   55 19.50   -0.3
   1.8s     134.00nm
HOF   161.33 337 ePKP    55 19.70   -0.2
SKO   161.48 303 iPKP    55 20.20   -0.1
   1.4s      59.00nm
KHC   161.70 332 ePKP    55 20.40    0.0
GEC2  161.87 331 PKP     55 18.30   -2.3
   1.0s       6.34nm
WET   161.96 333 iPKPc   55 20.50   -0.1
   1.3s      85.00nm
GRF   162.08 337 ePKPd   55 20.50   -0.2
   1.4s      39.00nm
Z  21s       0.70um               6.1Msz
                 e       55 33.40
OHR   162.22 301 ePKP    55 20.80   -0.4
MEM   162.55 348 iPKPc   55 21.21    0.2
UCC   162.61 352 PKPc    55 17.90   -3.2X
SNF   162.90 352 iPKP    55 21.74    0.3
PTJ   162.95 320 iPKPc   55 21.00   -0.8
ZAG   162.99 320 ePKP    55 21.50   -0.2
BHG   163.10 330 ePKP    55 21.20   -0.6
DOU   163.27 351 PKP     55 21.70   -0.1
FUR   163.36 334 iPKPc   55 21.80   -0.2
KBA   163.40 328 ePKP    55 20.00   -2.3
   1.6s      39.50nm
                 ic      55 21.00
                 i       55 35.50
                 i       55 42.20
WLF   163.43 347 PKP     55 22.00    0.0
VBY   163.58 321 ePKP    55 22.40    0.1
LJU   163.59 323 ePKPd   55 21.50   -0.8
CEY   163.85 323 ePKPd   55 21.40   -1.2
VOY   163.91 324 ePKP    55 22.20   -0.6
FVI   164.02 328 PKPc    55 21.70   -1.0
SOTA  164.17 332 i(PKP)  55 22.20   -0.8
   1.3s      36.50nm
CDF   164.38 343 ePKP    55 22.40   -0.7
OGA   164.54 332 iPKPc   55 23.30   -0.2
   1.5s      59.00nm
FLN   164.87   2 iPKPc   55 23.60    0.2
   1.0s      52.00nm
Z  22s       1.05um
CTI   164.93 329 PKPc    55 23.10   -0.6
HAU   164.97 345 ePKP    55 23.30   -0.3
   1.0s      12.00nm
Z  22s       0.98um
BSF   165.03 343 ePKP    55 23.30   -0.4
   0.8s      14.80nm
LDF   165.04   2 iPKPc   55 23.80    0.2
   1.0s      28.00nm
GRR   165.22   3 iPKPc   55 24.10    0.4
   1.2s      35.70nm
LPF   165.57   4 iPKPc   55 24.60    0.6
   1.2s      41.65nm
LOR   166.14 350 iPKPc   55 24.70    0.2
   1.1s      24.40nm
Z  22s       1.13um               5.6Msz
VAI   166.22 335 PKP     55 24.10   -0.4
SGO   166.29 305 PKPc    55 24.90    0.1
SSF   166.39 351 iPKPc   55 24.80    0.1
   1.2s      35.70nm
LBF   166.40 350 iPKPc   55 24.90    0.1
   1.2s      38.70nm
SFI   166.43 323 PKPc    55 25.00    0.2
AVF   166.67 351 iPKPc   55 25.10    0.2
   1.3s      27.10nm
SMF   166.75 350 iPKPc   55 25.10    0.1
   1.3s      32.50nm
BGF   166.96 353 iPKPc   55 25.50    0.3
   1.3s      90.25nm
MNS   167.01 316 PKP     55 24.70   -0.7
MFF   167.03   2 iPKPc   55 25.70    0.5
   1.2s      47.60nm
LPL   167.19 340 iPKPc   55 25.90    0.2
   1.0s      12.00nm
LPG   167.20 340 iPKPc   55 26.20    0.4
   0.8s       6.70nm
TCF   167.29 354 iPKPc   55 25.80    0.3
   1.2s      26.80nm
LSF   167.37 357 iPKPc   55 25.50    0.0
   1.2s      28.25nm
BNI   167.63 339 PKP     55 27.80    1.9
RJF   168.31 356 iPKPc   55 26.90    0.8
   1.2s      41.65nm
CAF   168.65 354 iPKPc   55 27.30    0.9
   1.2s      29.75nm
LFF   168.70 359 iPKPc   55 27.30    1.0
   1.2s      26.80nm
PGF   168.85 325 iPKPc   55 26.60   -0.1
   1.2s      65.45nm
LPO   168.95 357 iPKPc   55 27.50    1.0
   1.2s      38.70nm
FRF   168.97 336 iPKPc   55 26.70    0.1
   1.0s      40.00nm
LMR   169.22 336 iPKPc   55 26.90    0.2
   1.0s      28.00nm
BTH   170.51   3 ePKPc   55 28.00    0.5
                 pPKP    55 43.00
EPF   170.61   1 iPKPc   55 28.80    1.2
   1.2s      59.50nm
EPLA  171.71  37 ePKP    55 30.37    2.2
GUD   172.09  26 ePKP    55 30.12    1.7
ETOR  172.55  15 ePKP    55 27.78   -0.7
TOL   172.79  29 iPKPc   55 30.50    1.9
   1.7s     115.38nm
                 ePKKP   57 09.00
TIO   172.92 110 iPKP    55 29.50    0.5
EHOR  173.75  46 ePKP    55 30.63    1.7
EPRU  174.27  53 ePKP    55 31.32    2.1
EBAN  174.31  36 ePKP    55 26.38   -2.8
EVIA  174.46  25 ePKP    55 31.13    1.8
ECOG  175.09  41 ePKP    55 30.20    0.6
   S.D. = 1.1  on 244 of 300 obs.
```

& FEB 20, 1992 20h 36m 48.00s
36.638 N   121.310 W
DEPTH = 8.0km
CENTRAL CALIFORNIA   (39)
<BRK>. ML 2.5 (BRK).

```
SAO     0.17 319 iPc     36 51.35   -0.3
LLA     0.30  94 iPc     36 53.78   -0.3
                 eS      36 58.01
PRS     0.31 189 iP      36 51.39   -3.0
                 eS      36 54.29
GCC     0.68 306 iPd     37 00.54   -1.0
                 eS      37 11.32
PRI     0.72 133 ePd     37 02.94    0.5
                 eS      37 13.94
ARN     0.73 346 iPd     37 02.07   -0.5
                 eS      37 12.87
PHAM    1.09 137 eP      37 07.60   -1.1
FRI     1.33  74 eP      37 11.22   -1.5
                 iS      37 28.23
   8 obs. associated
```

FEB 20, 1992 21h 18m 28.08± 0.69s
46.135 N ± 8.0km   13.595 E ± 7.1km
DEPTH = 10.0km (geophysicist)
AUSTRIA   (546)
MD 2.3 (LJU), 2.3 (TRI). ML 1.9 (VIE).

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VOY     0.23 116 iPg     18 33.10    0.0
                 eSg     18 37.30
TRI     0.44 164 ePg     18 36.00   -1.1
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                    iSg   18 44.00
LJU     0.66  98 e(Pg)  18 40.90  -0.3
                    e     18 42.90
                    eSg   18 51.00
FVI     0.73 309 P      18 42.40   0.1
                    eSg   18 53.20
KBA     0.96 350 iPnd   18 45.80  -0.7
                    iPg   18 46.90
                    iSg   19 01.20
VBY     1.32 118 e(Pg)  18 53.80   1.3
                    eSg   19 12.40
CTI     1.36 267 P      18 53.80   0.7
                    eSg   19 12.60
     S.D. = 1.0  on   7 of   7 obs.
------------------------------------------
% FEB 20, 1992  21h 40m 39.87± 1.91s
  37.659 N ±13.4km   16.030 E ±14.9km
  DEPTH =  10.0km  (geophysicist)
 IONIAN SEA                         (399)

ATN     0.67 318 P      40 53.60   0.4
                    eSg   41 01.30
MEU     1.04 238 P      40 59.60   0.1
                    eSg   41 11.60
MNO     1.09 285 P      41 00.30  -0.2
                    eSg   41 14.60
CZI     1.56   3 P      41 06.80  -0.8
ROI     1.96  12 P      41 14.10   0.6
     S.D = 0.8  on   5 of   5 obs.
------------------------------------------
? FEB 20, 1992  21h 41m 19.14± 4.57s
  37.282 S ±37.1km  176.522 E ±29.8km
  DEPTH = 228.9 ± 40.0 km
 NORTH ISLAND, NEW ZEALAND          (159)

URZ     1.08 155 P      41 52.30  -0.3
                 S      42 14.30
HBZ     1.45 103 P      41 55.20  -0.1
NOZ     1.79 139 P      41 58.70   0.5
PGZ     3.34 183 eP     42 15.10   0.5
MNG     3.43 193 P      42 16.00   0.3
                 eS     42 56.30
KIW     3.79 199 eP     42 20.20   0.2
CAW     3.98 196 P      42 22.30   0.0
AMW     4.06 188 eP     42 22.10  -1.1
WDW     4.15 196 eP     42 24.00  -0.3
MRW     4.19 199 eP     42 24.80   0.1
                 eS     43 13.20
MOW     4.25 193 eP     42 25.40  -0.1
TCW     4.30 203 eP     42 26.30   0.2
KHZ     5.62 203 eP     42 42.80   0.2
                 eS     43 45.00
     S.D. = 0.5  on  13 of  13 obs.
------------------------------------------
? FEB 20, 1992  21h 56m 54.82± 3.57s
  31.202 S ±24.0km   68.217 W ±49.5km
  DEPTH = 106.1 ± 21.3 km
 SAN JUAN PROVINCE, ARGENTINA       (137)

RTLL    0.25 239 iPc    57 10.90   0.4
CFA     0.40 183 iPc    57 10.60  -0.3
                 S      57 23.60
RTCB    0.57 240 iPd    57 12.00  -0.1
RTRS    1.48 314 iPc    57 21.50  -0.1
                 S      57 40.40
RFA     3.57 183 iPc    57 49.30   0.1
     S.D. = 0.6  on   5 of   5 obs.
------------------------------------------
? FEB 20, 1992  22h 22m 23.59± 2.36s
  45.377 N ±40.2km  152.012 E ±31.8km
  DEPTH =  33.0km  (normal)
  4.6mb (  8 obs.)
 EAST OF KURIL ISLANDS              (222)

KUSJ    5.72 249 eP     23 45.70  -2.7
                 eS     24 47.60
ASAJ    6.79 263 eP     24 04.80   1.3
HOOJ    6.98 248 eP     24 05.40  -0.7
                 eS     25 22.10
MRRJ    8.43 253 eP     24 25.70  -0.6
LZH    37.18 273 eP     29 34.00   0.6
        1.2s     29.00nm          5.0mb
CHTO   51.06 257 (P)    31 24.00  -0.8
YKA    52.49  36 eP     31 35.80   0.8
        0.6s      0.90nm          3.9mb
GUN    54.36 275 P      31 51.20   1.4
KKN    54.85 276 P      31 54.40   1.2

        0.7s     12.00nm          5.0mb
PKI    54.90 275 P      31 55.00   1.3
DMN    55.09 275 P      31 56.20   1.2
GKN    55.18 276 P      31 57.20   1.7
KAF    64.36 335 eP     32 56.70  -1.2
        0.6s      2.30nm          4.5mb
NUR    66.12 335 eP     33 07.40  -1.8
        0.4s      4.50nm          4.9mb
NB2    69.28 341 P      33 28.20  -0.8
        0.5s      1.50nm          4.3mb
HFS    69.47 339 eP     33 28.90  -1.3
        0.4s      2.50nm          4.6mb
GEC2   79.35 333 Pc     34 27.70   0.3
        0.5s      0.48nm          3.8mb
     S.D. = 1.4  on  17 of  17 obs.
------------------------------------------
  FEB 20, 1992  22h 48m 43.03± 0.79s
  8.135 S ± 8.5km  116.229 E ±10.5km
  DEPTH = 199.7 ±  8.5 km
  5.2mb (  6 obs.)
 SUMBAWA REGION, INDONESIA          (285)

KHKI    0.66 250 iPc    49 11.70   0.7
                 iS     49 31.10
                 e      54 41.10
MBL    13.41 165 eP     51 45.00  -1.8
        0.3s     18.00nm          5.0mb
                 eS     54 05.00
KKM    14.08 360 ePc    51 59.30   4.0X
KNA    14.41 123 iPc    51 58.00  -1.2
MTN    15.38 109 eP     52 11.00  -0.2
        0.3s    207.00nm          6.0mb
                 eS     54 52.00
WARB   20.50 152 eP     53 07.00  -0.1
        0.4s     25.00nm          5.1mb
                 eS     56 54.00
MRWA   20.97 181 eP     53 12.00   0.3
                 eS     57 04.00
ASPA   22.92 134 iPd    53 31.50   0.8
        0.4s     35.00nm          5.3mb
                 i      57 32.40
                 e      57 43.10
                 iS     57 58.60
COOL   23.09 169 eP     53 31.00  -1.3
KLB    23.38 177 eP     53 34.50  -0.6
MUN    23.72 180 eP     53 40.00   1.7
OIS    25.75 121 iPc    53 57.20   0.0
                 e      57 58.00
RKG    26.32 179 eP     54 02.00  -0.2
CHTO   31.74 328 (P)    54 51.20   0.8
OLP    32.29 128 iPd    54 56.30   1.1
        0.6s     49.00nm          5.3mb
BFD    37.49 144 iPd    55 41.10   2.0
        0.2s      7.00nm          4.9mb
GUN    46.32 322 P      56 51.40   0.2
PKI    46.36 321 P      56 50.40  -1.2
DMN    46.58 321 P      56 53.00  -0.2
KKN    46.60 321 P      56 53.00  -0.3
GKN    47.15 321 P      56 57.20  -0.3
YKA   114.51  23 ePKP   06 59.90  -0.5
        0.5s      0.50nm
     S.D. = 1.0  on  21 of  22 obs.
------------------------------------------
% FEB 20, 1992  23h 49m 26.42± 2.33s
  32.974 S ±13.8km   71.114 W ±11.3km
  DEPTH =  55.4 ± 23.7 km
 NEAR COAST OF CENTRAL CHILE        (135)
      MD 3.4 (SAN).

ROCH    0.09  88 iPd    49 35.30  -0.1
                 iS     49 43.00
PEL     0.40 115 iPc    49 37.30   0.2
                 iS     49 46.00
JACH    0.53  57 iPd    49 38.50   0.0
                 iS     49 47.90
LCCH    0.63 217 eP     49 40.00   0.4
                 eS     49 50.30
TACH    0.69 168 iPd    49 40.30  -0.2
                 iS     49 51.30
PCH     0.82 142 ePc    49 41.80  -0.3
                 iS     49 54.50
LNV     1.01 194 iPd    49 44.00  -0.5
CHCH    1.03 158 iPc    49 45.10   0.2
                 iS     49 59.00
CACH    1.22 160 eP     49 48.00   0.4
                 iS     50 05.00
     S.D. = 0.4  on   9 of   9 obs.

------------------------------------------
? FEB 21, 1992  00h 03m 39.52± 8.63s
  43.163 N ±23.3km   20.709 E ±57.9km
  DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION         (383)
      ML 2.1 (TTG).

IVA     0.66 244 iPgc   03 52.53  -0.2
                 iSg    04 03.14
PVY     0.78 224 iPgd   03 54.68  -0.2
                 iSg    04 06.88
PLE     0.98 280 iPgc   03 58.05  -0.1
                 iSg    04 13.00
TTG     1.29 236 iPgc   04 03.70   0.2
                 iSg    04 22.59
NKY     1.30 255 iPgd   04 03.84   0.1
                 iSg    04 22.83
BDV     1.64 238 iPnd   04 08.65   0.1
     S.D. = 0.2  on   6 of   6 obs.
------------------------------------------
% FEB 21, 1992  00h 41m 08.82± 2.03s
  39.963 N ± 9.7km   23.586 E ±18.0km
  DEPTH =  10.0km  (geophysicist)
 AEGEAN SEA                         (365)
      MD 2.6 (THE).

THE     0.82 325 ePg    41 24.50  -0.2
                 eSg    41 35.00
LIT     0.85 280 ePg    41 25.50   0.2
                 eSg    41 37.40
SRS     1.15   0 ePg    41 30.60   0.2
KNT     1.31 337 ePb    41 32.80  -0.2
                 eSb    41 51.00
AGG     1.35 226 ePb    41 33.60  -0.1
     S.D. = 0.3  on   5 of   5 obs.
------------------------------------------
? FEB 21, 1992  01h 37m 56.26± 1.59s
  44.851 N ± 9.4km    6.806 E ±15.4km
  DEPTH =  10.0km  (geophysicist)
 FRANCE                             (538)
      ML 1.6 (GEN).

RRL     0.07 347 P      37 59.40   0.5
                 S      38 01.45
BHB     0.33  91 P      38 03.50   0.5
                 S      38 08.94
PZZ     0.41 149 P      38 04.32  -0.3
                 S      38 10.37
LSD     0.66  22 P      38 08.73  -0.8
                 S      38 18.78
     S.D. = 1.1  on   4 of   4 obs.
------------------------------------------
& FEB 21, 1992  02h 42m 12.82s
  57.579 N            154.798 W
  DEPTH =  57.2km
 KODIAK ISLAND REGION               ( 13)
      <AEIC>. ML 3.0 (AEIC).

KDC     1.25  81 P      42 33.50  -0.8
                 S      42 49.90
CDD     1.49  24 eP     42 36.08  -1.5
                 eS     42 55.70
MCNL    1.63   8 eP     42 38.64  -1.0
                 eS     42 57.97
SYI     1.64  50 eP     42 38.33  -1.4
                 eS     42 58.97
BGM     1.83 353 eP     42 41.59  -0.9
AUP     1.93  21 eP     42 43.91   0.0
PDB     2.24   8 eP     42 46.61  -1.5
                 eS     43 13.05
INW     2.64  18 eP     42 52.65  -1.3
INE     2.65  19 eP     42 52.64  -1.4
CNPM    2.70  42 eP     42 56.07   1.4
RS1     3.08  19 eP     42 59.81  -0.4
RS2     3.08  19 eP     42 59.89  -0.4
RSO     3.08  19 eP     42 59.86  -0.4
RDW     3.09  19 eP     42 59.26  -1.1
REF     3.11  19 eP     43 00.14  -0.6
RDT     3.25  21 eP     43 01.07  -1.4
SLKM    3.77  37 eP     43 12.93   3.1
CKL     3.84  18 eP     43 10.00  -0.9
BGL     3.90  17 eP     43 11.66   0.0
CRP     3.94  19 eP     43 12.84   0.6
CGLM    4.00  20 eP     43 12.11  -1.0
NCG     4.07  18 eP     43 12.19  -1.8
SUA     4.41  26 eP     43 17.80  -1.1
SKT     4.71  19 eP     43 21.17  -1.9
```

24 obs. associated

? FEB 21, 1992 03h 54m 02.92± 2.57s
30.570 S ±18.2km 68.940 W ±30.0km
DEPTH = 136.3 ± 23.3 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB 0.92 173 iPd 54 26.00 -0.1
S 54 41.80
ZON 1.00 167 eP 54 26.30 -0.4
eS 54 44.30
RTBS 1.17 202 iPd 54 28.50 0.2
S 54 47.20
CFA 1.20 150 iPc 54 29.00 0.4
CYA 3.46 53 iP 54 56.50 0.0
S 55 35.00
RFA 4.21 175 ePc 55 06.40 -0.1
S.D. = 0.4 on 6 of 6 obs.

? FEB 21, 1992 04h 05m 27.84± 1.45s
40.675 N ±20.2km 21.301 E ±15.0km
DEPTH = 33.0km (normal)
GREECE (364)
MD 2.2 (THE).

FNA 0.12 28 ePg 05 33.50 -0.4
OHR 0.58 319 iPg 05 39.80 0.2
iSg 05 50.00
LIT 1.07 122 ePg 05 46.70 0.1
eSg 06 01.00
KNT 1.30 68 ePg 05 50.00 0.1
S.D. = 0.4 on 4 of 4 obs.

& FEB 21, 1992 04h 17m 54.80s
36.020 N 117.891 W
DEPTH = 2.8km
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.7 (PAS), 3.8 (GS).
Felt in the China Lake-
Ridgecrest area, California.

ISA 0.59 233 iPd 18 06.10 -0.5
PANV 0.74 59 P 18 08.80 -0.9
MCA 0.80 38 P 18 09.50 -1.2
OSM 0.83 93 P 18 10.20 -1.2
FMT 1.09 55 P 18 15.00 -1.0
GSC 1.14 129 iPc 18 15.90 -0.9
SGV 1.18 36 P 18 17.00 -0.6
LCH 1.23 9 P 18 17.30 -1.1
SBB 1.33 178 eP 18 19.10 -1.0
SDH 1.40 63 P 18 20.50 -0.8
PPK 1.40 359 P 18 20.50 -0.9
YMT3 1.42 57 P 18 20.90 -0.7
MGM 1.45 12 P 18 21.80 -0.4
YMT5 1.45 52 P 18 21.50 -0.6
YMT6 1.46 55 P 18 21.40 -0.8
LSM 1.49 61 P 18 21.90 -0.7
JON 1.51 73 P 18 21.90 -0.9
TMBR 1.58 50 P 18 23.40 -0.6
ABL 1.59 223 eP 18 23.50 -0.7
SVP 1.69 2 P 18 25.80 0.1
FRI 1.76 304 iPc 18 26.27 -0.1
eS 18 47.87
PKEM 1.80 272 iP 18 27.94 1.0
eS 18 51.04
BONR 1.96 350 iPnd 18 29.27 -0.3
iPg 18 31.59
eS 18 58.67
PHAM 2.04 266 iPn 18 31.59 1.0
eS 19 01.23
TNP 2.13 14 ePn 18 31.41 -0.5
iPg 18 34.54
eS 19 02.26
PEC 2.21 164 P 18 31.59 -1.3
ePg 18 35.89
iS 19 04.17
PRI 2.25 274 ePd 18 34.15 0.5
LLA 2.54 284 ePd 18 37.42 -0.2
PLM 2.79 162 ePn 18 40.27 -1.2
iPg 18 46.45
eSn 19 19.33
eSg 19 24.04
PRS 2.83 277 eP 18 42.56 0.7
CMB 2.83 316 ePc 18 44.18 2.3
eS 19 21.81
SAO 2.96 286 eP 18 43.96 0.3
KVN 3.03 357 P 18 51.54 6.8
GCC 3.46 288 eP 18 51.17 0.5
GLA 3.89 139 ePn 18 56.81 -0.1
iPg 19 06.31
S 19 58.45
PCC 3.90 294 eP 18 56.43 -0.5
ARUT 3.98 62 ePn 19 02.61 4.3
ePg 19 08.85
ORV 4.54 322 ePn 19 08.57 2.5
ePg 19 18.42
eS 20 15.54
MSU 5.19 60 ePn 19 23.88 8.3
iPg 19 30.78
eS 20 43.56
DUG 5.78 42 eP 19 31.75 8.1
iPg 19 41.61
S 20 58.68
SRU 6.61 60 ePg 19 57.69 22.1
HVU 7.00 33 P 19 42.28 1.4
ePg 20 07.50
eS 21 39.38
42 obs. associated

FEB 21, 1992 04h 49m 23.61± 0.69s
41.065 N ± 5.4km 20.259 E ± 6.6km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.6 (SKO).

TIR 0.41 314 iPgc 49 32.20 0.2
iSg 49 39.50
OHR 0.41 83 iPg 49 30.90 -1.1
iSg 49 36.50
PHP 0.64 12 iPgd 49 34.60 -1.8
iSg 49 44.60
LACI 0.71 324 ePg 49 37.00 -0.5
TPE 0.79 194 ePg 49 39.00 0.0
LSK 0.95 164 ePg 49 41.80 0.0
PUK 1.02 344 ePn 49 42.50 -0.3
iSn 49 59.50
KKS 1.02 6 ePn 49 44.50 1.7
SKO 1.27 44 ePg 49 48.00 0.8
iSg 50 03.50
VAY 1.76 81 ePn 49 55.20 0.8
S.D. = 1.1 on 10 of 10 obs.

FEB 21, 1992 04h 52m 29.39± 1.25s
14.368 S ± 5.4km 73.490 W ± 9.7km
DEPTH = 122.4 ± 12.5 km
4.5mb (9 obs.)
CENTRAL PERU (116)

ARE 2.84 137 iPc 53 14.50 -0.1
NNA 4.03 306 iPc 53 23.00 -7.4X
0.7s 109.59nm
i 53 25.50
eS 54 06.00
PT10 4.08 304 eP 53 44.50 13.5X
e(S) 54 06.00
LPB 5.63 113 Pc 53 52.00 -0.4
1.0s 620.00nm 5.8mb X
RTCB 17.57 167 iPc 56 28.50 0.3
CFA 17.82 165 ePd 56 30.50 -0.7
ROCH 18.66 173 iPd 56 40.30 -0.5
PEL 18.86 173 iPd 56 42.50 -0.3
0.8s 50.75nm 4.9mb
MDZ 18.91 168 i(P) 56 44.30 1.0
SAN 19.17 173 eP 56 45.60 -0.4
TACH 19.34 174 eP 56 47.50 -0.2
PCH 19.36 172 eP 56 48.00 0.0
LNV 19.59 175 ePd 56 49.70 -0.6
CHCH 19.65 173 eP 56 44.00 -7.0X
CACH 19.84 173 eP 56 48.00 -5.0X
ITB1 20.68 123 Pd 57 03.00 1.5
RFA 20.81 168 ePc 57 04.00 1.2
PPD 22.39 113 eP 57 18.90 0.5
e 57 20.20
SDV 23.28 7 eP 57 28.30 1.0
UPA 23.96 345 iPc 57 40.00 6.4X
FVM 54.45 344 eP 01 45.00 -1.2
0.9s 6.78nm 4.6mb
ANMO 58.17 328 eP 02 13.00 0.0
1.0s 1.50nm 3.9mb
RSSD 64.53 336 eP 02 54.50 -1.1
0.8s 4.01nm 4.4mb
DUG 65.43 328 eP 03 02.00 0.7
BW06 65.80 332 eP 03 05.00 1.3
TNP 66.35 323 eP 03 07.20 -0.1
0.9s 2.93nm 4.2mb
LIC 70.90 78 P 03 34.90 -0.7
TIC 71.04 78 P 03 35.70 -0.7
KIC 71.22 78 P 03 36.70 -0.8
0.9s 19.50nm 4.9mb
SES 72.41 336 eP 03 44.00 0.1
pP 04 07.00 88kmX
FFC 72.95 343 eP 03 48.00 1.1
0.8s 6.00nm 4.4mb
YKA 83.07 342 eP 04 40.70 -1.4
0.9s 6.10nm 4.5mb
INK 92.80 341 eP 05 29.00 0.4
BCAO 93.04 86 iPc 05 34.20 3.3X
0.8s 7.00nm 5.0mb
WRA 136.27 219 PKP 11 36.20 -2.8X
0.6s 0.90nm
HYB 152.95 80 ePKP 12 16.00 9.1X
e 12 27.00
GUN 156.56 52 PKP 12 00.00 -12.0X
S.D. = 0.9 on 28 of 37 obs.

FEB 21, 1992 04h 58m 13.91± 0.89s
29.648 N ± 7.4km 138.574 E ± 9.0km
DEPTH = 477.5 ± 12.7 km
4.0mb (7 obs.)
SOUTH OF HONSHU, JAPAN (211)

MAT 6.88 358 eP 59 59.00 -0.2
0.8s 97.76nm 5.0mb
eS 01 21.00
GUMO 17.01 159 eP 01 46.00 0.6
1.1s 253.30nm 5.7mb X
GUA 17.07 159 eP 01 46.30 0.3
0.8s 179.10nm 5.7mb X
LZH 29.76 292 eP 03 41.50 -0.6
1.5s 25.00nm 4.5mb
CHG 37.55 262 iPd 04 48.00 0.5
0.9s 22.06nm 4.6mb
GUN 45.89 281 P 05 54.80 0.4
PKI 46.38 281 P 05 58.20 0.0
KKN 46.43 281 P 05 58.40 0.0
DMN 46.63 281 P 06 00.20 0.2
GKN 46.92 282 P 06 02.40 0.3
WB2 49.47 185 eP 06 20.10 -1.0
0.7s 2.60nm 3.7mb
WRA 49.47 185 P 06 20.50 -0.6
0.6s 1.50nm 3.6mb
YKA 71.40 28 eP 08 45.40 -0.5
0.6s 1.70nm 3.8mb
SES 79.39 38 ePc 09 31.20 0.8
NB2 80.05 337 P 09 33.40 -0.2
0.5s 0.90nm 3.5mb
S.D. = 0.6 on 15 of 15 obs.

? FEB 21, 1992 05h 28m 39.47± 5.88s
35.495 S ±56.8km 70.362 W ±34.2km
DEPTH = 170.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.8 (SAN).

CACH 1.39 352 iPc 29 10.00 0.0
iS 29 33.00
CHCH 1.58 351 iPc 29 11.60 -0.1
iS 29 36.00
LNV 1.76 330 iPc 29 13.50 -0.1
iS 29 38.50
PCH 1.87 356 iPd 29 15.20 0.3
iS 29 41.00
TACH 1.90 345 eP 29 15.10 0.0
iS 29 41.50
LCCH 2.25 333 iPc 29 19.10 0.0
iS 29 47.60
PEL 2.36 353 iPd 29 20.60 0.2
iS 29 50.00
ROCH 2.57 348 iPd 29 23.30 0.1
eS 29 55.00
JACH 2.81 356 eP 29 25.60 -0.4
S.D. = 0.2 on 9 of 9 obs.

? FEB 21, 1992 05h 36m 58.00± 2.24s
40.137 S ±49.4km 92.021 W ±19.1km
DEPTH = 10.0km (geophysicist)
4.7mb (5 obs.) 4.9Msz (1 obs.)
SOUTHERN PACIFIC OCEAN (692)

RFA 19.43 81 iPc 41 29.00 1.5
MDZ 19.95 76 e(P) 41 37.30 4.2X

```
ARE     29 57  43 eP     43 06.00   0.4
LPB     31.38  48 P      43 17.80  -3.9X
      Z  22s      2.96um          4.9Msz
                 LR     51 18.00
PPD     38.86  75 eP     44 23.00  -2.2
JSC     74.71   9 eP     48 37.00  -2.4
TUL     75.75 357 e(P)   48 46.00   0.7
        1.2s     20.90nm          5.1mb
LNO     75.76 357 e(P)   48 45.80   0.6
ANMO    75.89 348 eP     48 47.70   1.3
        1.0s      1.75nm          4.1mb
MWC     77.80 338 eP     49 12.00  15.0X
SBB     78.17 339 eP     49 03.00   4.1X
ISA     79.27 338 eP     49 05.00   0.1
TNP     81.20 340 eP     49 14.50  -0.8
        1.1s      5.84nm          4.5mb
DUG     82.17 344 eP     49 24.50   4.3X
BW06    84.04 347 eP     49 29.00  -0.9
        1.0s      2.50nm          4.4mb
RSSD    84.57 351 eP     49 32.00  -0.5
        1.0s     13.56nm          5.1mb
LRM     87.51 346 eP     49 49.00   2.0
GEC2   128.26  54 PKP    56 06.10   0.3
        1.0s      0.50nm
      S.D. = 1.5  on  13 of  18 obs.
-----------------------------------------
   FEB  21, 1992  06h 02m 07.30± 0.53s
   44.375 N ± 4.3km    7.322 E ± 4.8km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                    (545)
      ML 1.7 (GEN).

STV     0.13 179 P       02 10.65   0.1
                 S       02 12.60
ENR     0.16 155 P       02 11.26   0.1
                 S       02 13.62
PZZ     0.21 310 P       02 12.29   0.4
                 S       02 15.26
ROB     0.40 101 P       02 15.98   0.4
                 S       02 22.03
BHB     0.47 355 P       02 16.60  -0.2
                 S       02 22.75
SBF     0.52 171 Pg      02 18.60   0.8
                 Sg      02 24.00
IMI     0.62 138 P       02 18.85  -1.0
                 S       02 27.57
FIN     0.66 104 P       02 20.29  -0.1
                 S       02 28.90
FRF     0.95 211 Pg      02 25.40   0.0
                 Sg      02 36.10
LRG     1.15 217 Pg      02 28.20  -0.6
                 Sg      02 42.60
      S.D. = 0.6  on  10 of  10 obs.
-----------------------------------------
*  FEB  21, 1992  06h 55m 42.04± 1.03s
   31.628 S ± 9.9km   67.756 W ± 8.1km
   DEPTH =  10.0km  (geophysicist)
 SAN JUAN PROVINCE, ARGENTINA      (137)

CFA     0.41 273 ePc     55 49.70  -0.8
ZON     0.79 276 eP      55 58.30   0.8
                 eS      56 09.30
RTC8    0.90 279 iPc     55 59.20  -0.2
                 S       56 12.00
RTBS    1.45 268 iPc     56 08.50   0.3
MDZ     1.56 216 e(P)    56 12.60   2.7X
RFA     3.19 191 eP      56 33.20  -0.1
                 S       57 20.90
CYA     3.60  29 e(P)    56 39.00  -0.1
      S.D. = 0.7  on   6 of   7 obs.
-----------------------------------------
%  FEB  21, 1992  08h 07m 43.15± 4.76s
   42.571 N ±16.3km   20.031 E ±32.8km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION        (383)
      ML 1.7 (TTG).

PVY     0.05 300 iPgc    07 45.28  -0.1
                 iSg     07 46.75
IVA     0.32 342 iPgd    07 49.60  -0.1
                 iSg     07 54.40
TTG     0.59 256 iPgc    07 54.35  -0.6
                 iSg     08 02.89
NKY     0.80 288 iPgd    07 58.35  -0.4
                 iSg     08 09.66
PLE     0.89 329 iPgd    07 59.91  -0.4
                 iSg     08 13.11
BDV     0.94 253 iPgc    08 00.84  -0.2
                 iSg     08 14.56
HCY     1.14 264 iPgc    08 04.53   0.1
                 iSg     08 21.13
BRY     1.14 287 iPgd    08 04.65   0.0
                 iSg     08 21.25
      S.D. = 0.3  on   8 of   8 obs.
-----------------------------------------
%  FEB  21, 1992  08h 52m 23.86± 0.67s
   37.093 N ± 5.4km    5.220 W ± 6.4km
   DEPTH =   5.0km  (geophysicist)
 SPAIN                             (377)
      mbLg 2.7 (MDD).

EPRU    0.13 184 iPgc    52 26.56   0.0
LIJA    0.25 218 iP      52 28.00  -0.9
GIBL    0.64 246 eP      52 40.00   3.2X
EJIF    0.67 197 iPgc    52 38.30   1.0
                 iSg     52 46.90
EHOR    0.73 358 iPgd    52 38.96   0.5
                 iSg     52 48.00
MOMI    0.87 208 eP      52 43.00   2.0X
EVAL    1.31 292 iPnd    52 48.40  -0.2
                 iSn     53 05.20
ECOG    1.33  82 iPgc    52 48.15  -0.9
                 iSg     53 06.80
EGUA    1.35 101 iPnc    52 49.66   0.4
                 iSn     53 07.30
      S.D. = 0.9  on   7 of   9 obs.
-----------------------------------------
   FEB  21, 1992  09h 08m 38.65± 0.84s
   42.537 N ± 4.7km   20.030 E ± 7.1km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION        (383)
      ML 2.0 (TTG).

PVY     0.07 324 iPgc    08 41.28   0.1
                 iSg     08 43.34
IVA     0.35 344 iPgc    08 45.78  -0.1
                 iSg     08 51.09
TTG     0.58 260 iPgd    08 49.63  -0.7
                 iSg     08 59.18
NKY     0.81 290 iPgd    08 54.21  -0.2
                 iSg     09 06.09
ULC     0.82 226 iPgd    08 54.34  -0.1
                 iSg     09 06.96
PLE     0.92 330 iPgc    08 56.33   0.0
                 iSg     09 09.61
BDV     0.93 255 iPgd    08 56.61   0.3
                 iSg     09 10.66
HCY     1.14 266 iPgd    09 00.68   0.8
                 iSg     09 17.45
BRY     1.15 289 iPgc    09 00.24  -0.1
                 iSg     09 17.75
OHR     1.54 158 e(Pn)   09 06.20   0.0
      S.D. = 0.4  on  10 of  10 obs.
-----------------------------------------
   FEB  21, 1992  09h 10m 30.33± 0.73s
    9.268 N ± 7.6km   78.469 W ± 7.4km
   DEPTH =  78.5 ±  8.3 km
   3.8mb (  1 obs.)
 PANAMA                            ( 81)
      Felt (II) at Panama City. Felt
      in eastern Panama.

UPA     1.09 255 iPd     10 50.50  -0.1
ECO     1.21 275 iPd     10 52.40   0.1
BMG     5.77 112 iPc     12 47.00  51.7X
BOG     6.36 136 eP      12 09.00   5.3X
                 eS      12 24.50
UAV     7.27  95 eP      12 15.10  -1.0
                 eS      13 36.30
SDV     7.75  92 iPnd    12 23.50   0.7
                 iSn     13 46.50
PSO     8.10 172 eP      13 24.50  56.7X
PCJ     8.52   8 ePd     12 33.14   0.0
                 S       14 02.00
SPJ     8.72   6 ePd     12 35.00  -1.0
                 eS      14 06.70
YHJ     8.78  12 iPd     12 37.99   1.2
                 S       14 10.00
HOJ     8.84  11 ePd     12 38.29   0.7
STH     8.90  10 ePd     12 37.88  -0.6
                 S       14 08.72
BBJ     9.14   7 iPd     12 41.93   0.3
                 S       14 16.46
YKA    59.21 341 eP      20 24.30  -1.1
        0.6s      0.50nm          3.8mb
ASPA  145.92 241 ePKP    30 02.90   0.4
        1.3s      6.30nm
WB2   146.58 248 ePKP    30 05.20   1.6
        0.7s      2.30nm
WRA   146.59 248 PKP     30 02.50  -1.1
        0.6s      0.90nm
      S.D. = 1.0  on  14 of  17 obs.
-----------------------------------------
%  FEB  21, 1992  09h 29m 46.04± 0.62s
   37.093 N ± 4.9km    5.259 W ± 6.4km
   DEPTH =   5.0km  (geophysicist)
 SPAIN                             (377)
      mbLg 2.9 (MDD).

EPRU    0.13 170 iPgc    29 47.86  -0.9
LIJA    0.23 212 iP      29 50.00  -0.7
GIBL    0.62 245 iP      30 01.00   2.6X
EJIF    0.66 195 iPgc    29 59.01  -0.3
EHOR    0.73   1 iPgc    30 00.83   0.2
                 iSg     30 10.80
MAL     0.77 118 ePn     30 04.00   2.5X
                 iSg     30 12.00
MOMI    0.85 206 eP      30 04.50   1.5
OJEN    1.02 193 eP      30 13.00   7.2X
PLAT    1.05 203 eP      30 07.00   0.7
EVAL    1.28 293 iPnd    30 09.76  -0.5
                 iSn     30 29.20
ECOG    1.36  82 iPnc    30 11.69  -0.1
                 iSn     30 31.50
EGUA    1.38 100 iPnc    30 12.11   0.2
                 iSn     30 30.20
      S.D. = 0.9  on   9 of  12 obs.
-----------------------------------------
*  FEB  21, 1992  11h 56m 23.77± 0.63s
   12.819 N ± 9.4km  145.491 E ±16.7km
   DEPTH =  33.0km  (normal)
   4.1mb (  4 obs.)
 SOUTH OF MARIANA ISLANDS          (210)

GUA     0.91 322 e(P)    56 40.20   0.0
GUMO    0.98 322 e(P)    56 41.40   0.2
                 eS      56 52.00
PJG     0.98 322 e(P)    56 41.40   0.2
WB2    34.35 199 eP      03 09.50  -0.3
        0.5s      5.30nm          4.7mb
                 i       03 26.20
ASPA   37.99 197 eP      03 40.90   0.3
        1.4s      3.90nm          4.1mb
STK    44.60 185 iPc     04 36.00   1.3
        0.8s      1.90nm          4.0mb
INK    74.84  22 eP      08 02.00  -0.4
MBC    78.87  14 eP      08 27.00   2.2
YKA    83.26  27 eP      08 47.60  -0.5
        0.6s      1.30nm          4.2mb
KIC   144.81 301 PKP     15 59.20  -0.8
TIC   144.89 302 PKP     15 59.60  -0.6
LIC   145.13 301 PKP     15 59.00  -1.5
      S.D. = 1.1  on  12 of  12 obs.
-----------------------------------------
*  FEB  21, 1992  12h 08m 17.93± 3.20s
   43.372 N ±13.8km    5.615 E ±22.0km
   DEPTH =   5.0km  (geophysicist)
 NEAR SOUTH COAST OF FRANCE        (379)
      ML 2.7 (STR).

CDR     0.32  20 iPgd    08 22.80  -1.6
CALN    1.00  67 Pg      08 37.82   0.3
MVIF    1.23  64 Pn      08 41.83   0.4
                 Sg      09 00.49
AURF    1.35  67 Pn      08 43.04  -0.3
TOUF    1.35  61 Pn      08 43.41   0.0
AUTN    1.46  64 Pn      08 45.02  -0.1
                 Sg      09 06.84
SAOF    1.54  66 Pn      08 45.86  -0.2
DOI     1.63  46 P       08 48.00   0.5
                 eSn     09 12.00
BNI     1.85  24 P       08 52.00   1.4
                 eSn     09 18.50
CKI     2.20  60 P       08 56.00   0.4
                 eSn     09 28.00
PGF     2.62 107 Pn      09 00.90  -0.8
      S.D. = 0.9  on  11 of  11 obs.
-----------------------------------------
   FEB  21, 1992  12h 19m 33.46± 0.51s
   39.894 N ± 5.3km   21.582 E ± 4.4km
   DEPTH =  10.0km  (geophysicist)
```

```
GREECE                                   (364)
     ML 2.8 (TIR). MD 3.1 (ATH). 3.0
     (THE).

LIT      0.73  73 ePg    19 47.50  -0.3
                  eSg    19 59.00
LSK      0.80 289 iPgc   19 48.20  -0.8
                  iSg    19 59.00
FNA      0.90 350 ePg    19 51.00   0.2
                  eSg    20 05.60
AGG      1.05 146 ePg    19 52.10  -1.1
                  eSg    20 08.00
TPE      1.27 289 iPnc   19 57.00   0.0
THE      1.29  55 ePb    19 58.40   1.1
OHR      1.35 334 ePn    19 58.00  -0.4
KEK      1.39 263 ePb    19 59.00   0.2
                  eSb    20 20.00
VAY      1.61  27 iPn    20 02.40   0.4
KNT      1.62  38 ePb    20 02.00  -0.1
VLS      1.88 205 ePn    20 07.30   1.4
                  eSn    20 33.00
TIR      1.95 319 ePn    20 13.50   6.6X
                  iSn    20 37.00
SRS      1.96  51 ePb    20 06.50  -0.6
SKO      2.08 357 ePn    20 14.00   5.2X
       0.9s    63.00nm
                  iSg    20 43.50
                  Lg     20 55.00
PUK      2.50 330 ePn    20 22.20   7.5X
     S.D. = 0.8  on  12 of  15 obs.
-----------------------------------
   FEB  21, 1992  13h 51m 46.51± 0.38s
    3.509 S ± 6.2km  145.517 E ± 7.5km
   DEPTH =  33.0km  (normal)
   5.2mb (  9 obs.)
 NEAR N COAST OF NEW GUINEA, PNG.(200)

MDG      1.75 171 eP     52 40.50  25.5X
PMG      6.08 165 eP     53 16.00  -0.5
RAB      6.67  96 e(P)   53 25.00   0.2
OIS     17.90 198 eP     55 55.10   0.4
                  e      01 08.00
WB2     19.63 213 eP     56 13.10  -2.4X
       0.7s    39.30nm          4.8mb
                  iS     01 26.40
KNA     20.48 232 eP     56 21.00  -3.4X
ASPA    22.97 208 eP     56 49.30   0.0
       0.9s    24.40nm          4.7mb
     Z  23s     1.40um          4.3MszX
                  eS     00 56.00
OLP     22.98 183 eP     56 52.00   2.7X
RMO     23.06 173 eP     56 54.00   3.8X
WARB    28.91 217 eP     57 45.30   0.5
NST     48.78 294 eP     00 36.00   5.3X
KMI     50.32 307 Pd     00 44.00   1.3
       1.2s    50.00nm          5.4mb
CHG     50.92 298 eP     00 48.00   0.9
LZH     55.37 319 eP     01 20.50   0.4
       1.5s    34.00nm          5.2mb
                  pP     01 24.00  11kmX
                  sP     01 26.00
GUN     65.28 303 P      02 27.60  -0.5
       0.8s    21.00nm          5.3mb
PKI     65.57 302 P      02 29.00  -1.0
KKN     65.75 302 P      02 30.20  -0.8
       0.8s    28.00nm          5.4mb
DMN     65.84 302 P      02 31.00  -0.6
       0.8s    27.00nm          5.4mb
GKN     66.35 303 P      02 34.20  -0.6
       0.8s    26.00nm          5.4mb
YAK     66.46 352 eP     02 34.30  -0.3
OUE     81.90 301 eP     04 04.80   0.0
INK     89.89  22 eP     04 44.00   0.8
YKA     97.66  27 eP     05 18.60  -0.3
       1.2s     1.60nm          4.4mb
KIC    150.24 277 (PKP) 11 38.40   6.9X
     S.D. = 0.7  on  17 of  24 obs.
-----------------------------------
   FEB  21, 1992  14h 42m 29.17± 0.69s
    6.228 S ± 2.9km  147.613 E ± 3.5km
   DEPTH =  55.0 ±  6.1 km
   5.5mb ( 50 obs.)  5.8Msz ( 26 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)
     Mo=7.9*10**17 Nm (PPT).
     CENTROID, MOMENT TENSOR     (HRV)
     Data Used: GDSN
     L.P.B.: 31S, 82C
```

```
     Centroid Location:
     Origin Time        14:42:32.4 0.2
     Lat  6.51S 0.02 Lon 148.01E 0.02
     Dep  31.8 BDY Half-duration  3.6
     Moment Tensor:   Scale 10**17 Nm
       Mrr= 8.75 0.14  Mtt=-9.34 0.21
       Mff= 0.59 0.22  Mrt= 5.81 0.39
       Mrf=-1.89 0.32  Mtf= 2.11 0.15
      Principal Axes:
       T  Val= 10.61  Plg=73  Azm= 25
       N        0.97       4      284
       P      -11.59      17      192
     Best Double Couple:Mo=1.1*10**18
      NP1:Strike=277 Dip=29 Slip=  83
      NP2:        105     62       94

LAT      0.74 235 iPd    42 45.10   1.3
YYYY     1.64 269 eP     43 02.40   6.2X
MDG      2.07 298 iPd    43 05.70   3.6X
PMG      3.19 188 iPd-   43 17.20  -0.9
                  eS     43 56.00
RAB      4.97  66 iPd    43 42.00  -1.1
       0.5s  3436.62nm
HNR     12.63 105 eP     45 28.00  -0.3
CTA     13.84 185 P      45 45.60   1.3
OIS     16.23 208 eP     46 15.00  -0.1
       0.8s   235.00nm          5.4mb
                  i      49 06.80
                  i      51 05.00
MTN     17.53 247 eP     46 32.50   1.1
       0.5s   140.00nm          5.4mb
                  eS     49 40.00
WB2     18.76 222 iPd    46 45.00  -1.5
       0.2s   101.20nm          5.7mb
                  eS     50 11.40
                  iPcP   50 31.70
WRA     18.77 222 P      46 45.20  -1.4
GUA     19.82 352 eP     46 57.30  -0.9
       0.6s   218.67nm          5.6mb
     Z  21s    18.35um          4.0Msz
GUMO    19.87 352 eP     46 58.50  -0.3
       1.2s   562.70nm          5.8mb
     Z  25s    31.90um          6.7MszX
RMO     20.18 177 iPd    47 01.10  -0.8
       0.5s   155.00nm          5.6mb
                  iS     54 52.00
                  i      55 14.00
OLP     20.50 189 iPd    47 04.50  -0.7
       0.5s   830.00nm          6.3mb
                  e      47 27.00
                  eS     54 52.50
                  e      55 14.00
KNA     20.76 241 eP     47 07.00  -0.9
       0.4s    93.00nm          5.5mb
SAPN    21.38 355 eP     47 18.00   3.8X
BRS     21.61 167 iPc    47 15.10  -1.4
       0.6s    39.00nm          5.0mb
                  i      47 36.00
                  i      47 48.00
                  i      48 06.00
                  iS     51 03.00
ASPA    21.79 216 eP     47 17.50  -0.8
       0.4s   233.80nm          5.9mb
     Z  21s    36.00um          5.8Msz
                  eS     51 16.60
                  iScS   58 38.60
PVC     23.22 121 iP     47 33.00   0.6
DZM     24.06 133 iPc    47 41.00   0.4
                  iS     51 54.40
                  ScP    55 03.10
ARMA    24.36 172 eP     47 43.00  -0.4
       0.5s    45.00nm          5.2mb
                  i      47 45.10
                  iPP    47 52.00
                  iPcP   48 13.60
                  eS     55 01.00
CMS     25.18 184 eP     47 51.00  -0.1
       0.5s    28.00nm          5.0mb
                  i      47 53.70
                  iScP   53 07.20
                  eS     55 06.00
DAV     25.66 301 eP-    47 54.00  -1.7
STK     26.14 192 iPc    48 00.90   0.9
       0.8s    54.30nm          5.1mb
                  eS     52 29.50
                  iScP   55 11.00
                  iScS   59 05.10
```

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RIV     27.66 174 eP     48 20.00   6.2X
     Z  20s    38.87um          6.0Msz
                  eS     52 52.00
BWA     28.07 179 eP     48 17.40  -0.2
                  i      48 21.60
                  eScP   55 13.60
WARB    28.18 223 eP     48 19.00   0.3
       0.5s    84.00nm          5.6mb
CAN     28.98 178 eP     48 24.80  -1.0
                  i      48 29.70
                  eScP   55 16.20
ADE     29.76 195 eP     48 31.70  -1.1
       0.7s   145.21nm          5.8mb
FORR    30.58 214 eP     48 40.70   0.7
MBL     30.72 238 eP     48 40.00  -1.4
BFD     31.15 188 eP     48 45.50   0.5
       0.9s    75.00nm          5.4mb
TOO     31.26 183 e(P)   48 41.00  -5.0X
                  i      48 48.00
                  i      55 27.00
KHKI    31.81 264 eP     48 51.70   0.7
                  e      52 22.00
COOL    34.90 222 eP     49 17.00  -0.6
       0.4s    29.00nm          5.6mb
NANU    34.94 239 eP     49 18.70   0.7
BAG     34.95 310 eP+    49 16.00  -2.3
                  eS     54 48.00
MRWA    37.59 229 eP     49 41.00   0.7
       0.4s    23.00nm          5.5mb
KLB     37.63 224 iPd    49 40.60   0.0
       0.4s    61.00nm          5.9mb
BAL     37.81 226 eP     49 42.50   0.3
       0.4s    24.00nm          5.5mb
NWAO    38.77 223 eP     49 50.00  -0.2
     Z  20s     9.80um          5.6Msz
MUN     38.93 225 eP     49 52.00   0.5
       1.0s   140.00nm          5.8mb
     Z  20s    14.70um          5.8Msz
RKG     39.91 221 eP     50 00.50   0.9
WKYJ    41.80 345 eP     50 14.30  -0.9
TKSJ    42.00 343 P      50 18.60   1.9
TCW     42.18 150 eP     50 17.10  -1.0
EWZ     42.39 155 eP     50 21.00   1.2
IIDJ    42.48 348 P      50 20.80   0.1
WEL     42.48 149 P      50 33.00  12.4X
                  S      56 40.00
WDW     42.58 149 eP     50 22.30   0.9
KHZ     42.73 152 eP     50 26.20   3.6X
MTW     42.77 149 eP     50 21.90  -1.0
KAKJ    42.78 351 P      50 24.00   1.0
CHJJ    42.82 350 P      50 23.00  -0.4
BWZ     42.83 157 eP     50 23.80   0.4
BLW     42.90 149 eP     50 24.40   0.4
TSRJ    42.96 346 P      50 24.80   0.3
SHNJ    43.06 340 eP     50 25.50   0.1
YONJ    43.30 343 eP     50 27.80   0.5
HKC     43.31 312 ePc    50 30.00   2.4
                  eS     56 59.00
MAT     43.45 349 iPc    50 28.10  -0.4
       1.2s   248.44nm          5.8mb
     Z  20s     2.84um          5.2Msz
                  eS     56 45.00
MTMJ    43.57 349 P      50 30.70   1.1
TUZ     43.93 158 eP     50 32.10  -0.1
NIIJ    43.98 350 P      50 33.40   0.6
YAMJ    44.73 352 P      50 38.50  -0.3
SSE     44.90 327 iPd+   50 40.00  -0.2
       1.0s    27.00nm          5.0mb
     Z  20s     7.30um          5.6Msz
     N  18s     4.70um
     E  18s     1.40um
                  sP     50 57.00
                  S      57 04.00
                  sS     57 16.00
KGM     44.98 279 ePd    50 43.00   1.8
       1.0s   121.90nm          5.7mb
OFUJ    45.41 354 eP     50 44.50   0.3
                  eS     52 48.30
IPM     47.74 282 ePd    51 04.00   1.0
       0.9s    36.50nm          5.4mb
HOOJ    48.54 356 eP     51 11.80   3.2X
MRRJ    48.78 354 eP     51 10.40  -0.1
KUSJ    49.16 357 eP     51 13.50   0.1
ASAJ    50.31 355 eP     51 22.90   0.6
LOE     51.04 298 eP     51 30.00   1.7
NST     51.81 295 eP     51 38.00   4.0X
KHT     52.89 294 eP     51 45.30   3.1X
```

KMI 53.62 307 Pc 51 48.50 0.8
Z 25s 5.80um 5.5MszX
N 15s 0.90um
E 15s 1.00um
sP 52 09.50
S 59 26.00
CHG 54.03 298 eP 51 52.00 1.5
LZH 58.78 319 Pc 52 24.00 -0.4
2.0s 123.00nm 5.7mb
Z 26s 5.83um 5.6MszX
N 21s 3.59um
pP 52 41.00 65kmX
sP 52 50.00
PcP 54 12.00
PP 54 38.00
ScP 57 05.00
S 00 22.00
PS 00 44.00
sS 00 51.00
ScS 02 10.00
SS 04 10.00
DRV 60.57 183 eP 52 35.80 -0.1
S 00 21.00
SS 05 03.00
SSS 07 39.00
AFR 62.05 106 iP 52 47.50 0.7
0.8s 50.00nm 5.7mb
PPN 62.38 106 iP 52 49.60 0.6
0.8s 40.00nm 5.6mb
TVO 62.56 107 iP 52 50.80 0.6
0.8s 65.00nm 5.8mb
SHL 62.65 303 eP 52 49.50 -1.4
eS 01 18.00
TBI 62.72 113 iP 52 52.40 1.3
1.2s 170.00nm 6.0mb
SMY 62.90 18 P 53 10.00 18.3X
Z 20s 6.25um 5.8Msz
PMO 63.80 104 iP 52 59.30 1.0
0.8s 90.00nm 5.9mb
VAH 64.06 104 iP 53 00.60 0.6
0.8s 25.00nm 5.3mb
TPT 64.07 104 iP 53 00.80 0.7
0.8s 45.00nm 5.5mb
RUV 64.30 104 iP 53 02.20 0.6
0.8s 45.00nm 5.5mb
CSY 65.21 196 iPc 53 06.10 -0.6
0.5s 27.20nm 5.5mb
ADK 65.43 23 P 53 09.92 1.7
1.3s 0.05nm 2.4mb X
GUN 68.50 303 P 53 27.80 -0.9
PKI 68.78 303 P 53 29.20 -1.2
0.6s 14.00nm 5.1mb
IRK 68.93 333 ePc+ 53 29.00 -1.4
5.0s 0.50nm 2.7mb X
Z 19s 3.31um 5.6Msz
N 18s 1.48um
E 18s 1.50um
ePcP 53 59.10
e 54 49.20
e 02 33.00
eS 02 52.00
ePS 03 13.00
eSS 06 52.00
eSSS 10 31.00
LR 17 51.00
KKN 68.96 303 P 53 30.10 -1.2
0.7s 34.00nm 5.4mb
DMN 69.05 303 P 53 31.60 -0.3
0.7s 50.00nm 5.6mb
YAK 69.44 351 iPc+ 53 32.90 -0.3
1.8s 265.00nm 5.9mb
Z 18s 2.30um 5.5Msz
iPcP 53 54.00
eS 02 38.00
ePS 02 56.00
eScS 03 24.00
KOD 71.74 283 eP 53 50.00 1.5
eS 03 12.00
SDN 74.81 28 P 54 20.00 14.8X
Z 21s 7.68um 6.0Msz
NDI 76.02 301 iP 54 13.80 1.1
eS 03 42.00
RKT 76.02 112 iP 54 15.80 3.0
1.2s 85.00nm 5.6mb
POO 76.72 291 eP 54 18.30 1.5
PAF 77.09 221 iP 54 31.00 12.7X
eS 04 12.00
eSS 09 10.00
BOM 77.75 291 eP 54 21.10 -1.3
eS 04 22.60
SVW 80.19 24 (P) 54 34.31 -0.7
0.6s 10.82nm 5.0mb
TTA 81.02 23 eP 54 40.93 1.5
1.5s 34.19nm 5.1mb
SLKM 82.18 26 eP 54 44.73 -0.6
PMR 83.15 25 eP 54 50.28 0.0
0.7s 17.21nm 5.2mb
Z 21s 5.08um 5.9Msz
IMA 83.55 21 eP 54 53.17 0.7
2.4s 203.47nm 5.7mb
SPA 83.81 180 iPc 54 55.10 1.2
0.8s 63.75nm 5.7mb
RND 84.08 24 eP 54 54.15 -1.0
GAR 84.10 310 eP 54 55.00 -0.8
KLU 84.50 26 eP 54 56.20 -1.0
QUE 85.08 301 eP 55 01.40 0.4
e(S) 05 22.00
FBA 85.15 23 eP 54 57.91 -2.4
0.8s 27.87nm 5.4mb
BALM 85.93 27 eP 55 03.73 -0.7
SIT 88.20 32 P 55 30.00 14.7X
Z 20s 3.07um 5.7Msz
CRZF 89.49 223 iPd 55 37.00 15.3X
e(PP) 58 59.00
e(PPP) 01 24.00
iS 06 04.00
eSP 07 29.00
eSS 12 12.00
e(SSS) 16 33.00
INK 91.64 21 eP 55 30.00 -1.2
MAIO 92.13 306 eP 55 35.00 0.8
eS 06 48.00
ORV 94.60 51 P 55 44.64 -0.8
PNT 96.48 41 eP 55 54.00 0.2
0.6s 5.00nm 5.2mb
MBC 96.73 14 eP 55 56.00 1.6
ISA 96.76 55 eP 55 55.00 -0.5
BONR 97.01 53 eP 55 57.60 0.8
SBB 97.25 56 eP 55 57.00 -0.7
DPW 97.38 43 eP 55 57.62 -0.4
PEC 97.77 57 (P) 55 57.69 -2.3
0.4s 1.50nm 4.9mb
TNP 97.87 53 eP 56 01.10 0.5
0.3s 2.54nm 5.2mb
PLM 97.99 57 eP 56 07.00 5.8X
YKA 99.09 28 eP 56 03.20 -2.0
1.2s 2.70nm 4.7mb
HVU 101.28 49 ePdiff56 15.31 -0.6
SES 102.00 40 ePdiff56 21.00 2.3
GOL 107.04 50 PKP 01 10.00 18.7X
Z 20s 2.10um 5.7Msz
GLD 107.15 50 PKP 01 10.00 18.7X
Z 20s 3.00um 5.8Msz
RSSD 107.47 46 PKP 01 10.00 18.1X
Z 20s 6.78um 6.2Msz
SLR 113.12 239 iPKPc 01 04.00 1.0
Z 18s 2.75um 5.9Msz
FRS 114.12 234 e(PKP)01 01.60 -3.1X
BUL 114.58 245 iPKPc 01 05.30 -0.7
KRI 114.58 248 iPKPd 01 00.50 -5.6X
ipP 01 03.70
i 01 16.00
MLR 116.34 318 ePKP 01 09.00 0.4
NB2 116.39 338 PKP 01 07.40 -0.7
0.7s 2.30nm
CER 117.19 228 e(PKP)01 11.00 0.5
SLM 118.77 49 PKP 01 25.00 11.8X
Z 20s 5.00um 6.1Msz
BRG 121.22 328 iPKP 01 17.80 0.3
1.0s 16.00nm
e 02 49.00
PRU 121.37 326 PKP 01 18.00 0.2
Z 20s 3.70um 6.0Msz
N 20s 1.10um
E 20s 2.90um
PRU 121.37 326 PKP 01 34.50 16.7X
e 01 46.50
CLL 121.47 328 iPKPd 01 18.40 0.4
0.9s 11.00nm
Z 19s 3.00um 6.0Msz
KHC 122.36 326 ePKP 01 19.50 -0.3
Z 20s 2.30um 5.8Msz
N 20s 1.80um
E 20s 2.00um
KHC 122.36 326 PKP 01 29.50 9.7X
e 01 59.50
GEC2 122.44 326 PKP 01 18.80 -1.2
0.6s 4.30nm
VBY 123.21 322 ePKP 01 21.10 -0.4
i 01 22.70
e 01 30.00
GRF 123.33 328 iPKPd 01 22.40 0.8
Z 22s 2.40um 5.8Msz
KBA 123.57 324 iPKPd 01 20.60 -1.8
0.7s 6.30nm
e 03 05.00
WIN 123.77 238 ePKP 01 18.00 -5.6X
1.0s 20.00nm
MEM 125.42 331 PKPc 01 26.70 1.1
LNV 125.60 140 ePdiff57 55.20 -8.9X
LNV 125.60 140 ePKP 01 24.50 -2.0
LCCH 125.80 139 ePdiff57 51.00 -14.0X
CACH 126.01 141 iPdiff58 06.10 0.0X
CACH 126.01 141 ePKP 01 28.00 0.5
TACH 126.09 140 ePdiff57 59.50 -6.9X
TACH 126.09 140 iPKPd 01 27.50 -0.1
CHCH 126.09 140 iPdiff58 04.00 -2.4X
SNF 126.30 332 PKP 01 28.70 1.3
DOU 126.44 331 PKPc 01 28.50 0.9
ROCH 126.48 139 iPdiff57 57.50 -10.9X
PEL 126.58 140 iPKPd 01 29.00 0.5
0.9s 28.57nm
8SF 126.79 328 ePKP 01 27.90 -0.7
1.0s 20.00nm
RFA 126.89 143 iPKPd 01 29.50 0.4
HAU 126.92 328 ePKP 01 28.30 -0.4
1.0s 16.00nm
Z 20s 5.25um 6.2Msz
JACH 126.94 139 iPdiff58 01.60 -8.7X
MDZ 127.92 141 ePKP 01 16.20 -14.9X
LPL 128.24 326 ePKP 01 31.40 -0.1
0.8s 5.35nm
LPG 128.24 326 ePKP 01 31.50 -0.1
0.8s 6.70nm
PGF 128.59 321 ePKP 01 31.70 -0.4
0.6s 6.30nm
LOR 128.68 329 ePKP 01 31.10 -0.9
1.0s 8.00nm
Z 20s 6.00um 6.3Msz
LBF 128.80 329 ePKP 01 32.10 -0.2
0.7s 6.60nm
PCHF 128.81 326 ePdiff58 05.00 -13.4X
PCHF 128.81 326 iPKPc 01 29.00 -3.6X
SSF 129.00 329 ePKP 01 32.80 0.2
0.8s 7.40nm
SMF 129.10 328 ePKP 01 32.70 -0.1
1.0s 14.00nm
RTLL 129.18 139 ePKPc 01 33.70 0.2
AVF 129.25 329 ePKP 01 33.30 0.2
0.8s 4.05nm
BCAO 129.28 271 ePKPd 01 25.80 -8.4X
0.9s 41.00nm
id 01 34.90
id 01 47.50
ic 03 50.30
ic 04 58.10
BGF 129.67 329 ePKP 01 34.20 0.3
0.8s 10.75nm
FLN 129.74 333 ePKP 01 33.20 -0.7
0.8s 5.35nm
Z 20s 5.50um 6.2Msz
TCF 130.18 329 ePKP 01 35.30 0.4
0.6s 7.20nm
GRR 130.18 333 ePKP 01 35.20 0.4
0.6s 5.40nm
LPF 130.53 333 ePKP 01 35.80 0.3
0.6s 9.00nm
LSF 130.55 329 ePKP 01 35.50 -0.1
0.8s 8.05nm
LPO 131.79 328 ePKP 01 37.60 -0.4
0.6s 5.40nm
NNA 132.23 112 ePKP 01 39.00 -0.7
1.3s 57.69nm
Z 18s 0.34um 5.1Msz
UPA 133.21 84 iPKPd-01 42.80 1.3
1.2s 112.50nm
Z 21s 1.97um 5.8Msz
i 05 07.00
PSO 134.90 95 ePKP 01 46.00 0.7
LPB 138.06 123 PKP 01 54.00 2.8X
PKS 05 27.00

2ic 15h

			LR	46 38.00	
BOG	138 49	90	e(PKP)	01 52.00	0.0
FUO	138.86	89	ePKP	01 51.00	-1.7
SDV	142.01	84	iPKPd	01 53.10	-5.0X
ITB1	142.57	146	e(PKP)	01 56.50	-2.0
TOV	142.80	82	ePKP	01 54.80	-4.5X
MORO	144.19	80	iPKP	01 59.70	-2.0
AVE	144.46	323	iPKP	02 00.50	-1.0
			i	02 13.00	
CAR	145.58	81	iPKP	02 04.00	-0.1
OLLA	145.73	81	iPKP	02 03.90	-0.4
TIO	145.96	319	iPKP	02 04.50	0.2
			i	02 20.00	
PPD	146.35	147	ePKP	02 05.90	0.9
GUAN	146.87	81	iPKP	02 07.70	1.5
BMA	149.04	159	ePKP	02 13.80	4.5X
BPA	149.25	67	ePKP	02 10.00	0.2
PAG	149.69	69	ePKP	02 14.50	4.0X
BBL	150.01	70	ePKP	02 16.00	5.1X
MGG	150.06	69	ePKP	02 15.00	4.1X
FDF	150.51	71	ePKP	02 18.00	6.3X
	0.4s		0.70nm		
TCE	150.63	79	ePKP	02 16.61	4.7X
BIM	150.64	71	ePKP	02 19.30	7.4X
SVB	150.73	74	ePKP	02 18.49	6.5X
CRM	150.73	71	ePKP	02 19.20	7.2X
MVM	150.79	71	ePKP	02 19.30	7.2X
TPP	150.96	80	ePKP	02 19.55	7.2X
TRN	150.97	79	ePKP	02 19.67	7.3X
TBH	151.32	80	ePKP	02 20.61	7.7X
KIC	152.52	272	PKP	02 15.08	0.4
	0.8s		7.50nm		
LIC	152.80	271	PKP	02 13.82	-1.3
	1.1s		15.00nm		
Z	16s		0.95um		5.7MszX
TIC	152.80	272	PKP	02 14.02	-1.1
	0.6s		5.00nm		
PDCR	160.20	160	ePKP	02 26.10	1.8
			e	02 38.10	

S.D. = 1.0 on 176 of 228 obs.

& FEB 21, 1992 14h 59m 44.84s
36.026 N 117.892 W
DEPTH = 3.3km
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.7 (PAS), 3.6 (GS).
Felt in the China Lake-
Ridgecrest area.

ISA	0.60	233	iPd	59 56.20	-0.5
PANV	0.74	60	P	59 58.80	-0.9
MCA	0.79	38	P	59 59.50	-1.2
QSM	0.83	94	P	00 00.30	-1.1
FMT	1.09	55	P	00 05.00	-1.0
GSC	1.14	129	iPc	00 06.00	-0.9
SGV	1.18	36	P	00 07.10	-0.5
LCH	1.22	9	P	00 07.20	-1.1
PPK	1.40	360	P	00 10.50	-0.8
SDH	1.40	63	P	00 10.30	-1.0
YMT3	1.41	57	P	00 10.80	-0.7
MGM	1.45	13	P	00 11.50	-0.6
YMT5	1.45	53	P	00 11.40	-0.7
YMT6	1.46	55	P	00 11.30	-0.9
LSM	1.49	61	P	00 11.80	-0.8
JON	1.50	74	P	00 11.70	-1.1
TMBR	1.58	50	P	00 13.40	-0.5
ABL	1.60	223	ePn	00 13.52	-0.7
SVP	1.69	2	P	00 15.40	-0.2
FRI	1.75	304	iPc	00 16.23	0.0
			eS	00 39.08	
PKEM	1.80	272	eP	00 17.61	0.7
			S	00 41.98	
BONR	1.95	350	Pn	00 19.62	0.2
			Pg	00 21.26	
			S	00 48.62	
BCH	1.97	245	ePn	00 19.03	-0.6
			Pg	00 19.84	
			S	00 46.62	
PHAM	2.04	265	eP	00 20.00	-0.5
			S	00 48.08	
TNP	2.12	15	ePn	00 21.60	-0.2
			iPg	00 24.32	
			S	00 53.49	
PEC	2.21	164	ePn	00 21.66	-1.3
			S	00 54.34	
PRI	2.25	274	ePc	00 23.87	0.3
LLA	2.53	284	eP	00 27.63	0.1
			eS	01 01.31	
PLM	2.80	162	ePn	00 30.46	-1.0
			ePg	00 36.18	
CMB	2.83	316	iPc	00 34.16	2.4
PRS	2.83	277	eP	00 32.71	0.9
SAO	2.96	285	ePd	00 34.07	0.5
			iS	01 14.06	
KVN	3.02	357	P	00 37.43	2.8
			S	01 22.13	
ARN	3.21	295	eP	00 36.33	-0.8
GLA	3.90	139	ePg	00 54.76	7.8
ARUT	3.98	62	P	00 57.11	8.9
ORV	4.54	322	eP	00 56.15	0.2
MSU	5.19	60	P	01 20.91	15.4

38 obs. associated

? FEB 21, 1992 15h 03m 40.97± 2.62s
6.514 S ±18.0km 147.487 E ±30.4km
DEPTH = 61.0 ± 19.2 km
4.4mb (5 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)

MDG	2.11	306	iPd	04 14.50	0.0
PMG	2.90	187	ePd	04 25.90	0.3
			eS	05 13.00	
WB2	18.46	222	iPd	07 53.70	-0.6
	0.3s		7.80nm		4.4mb
RMQ	19.90	177	iPd	08 09.30	-1.0
	0.3s		6.00nm		4.4mb
QLP	20.20	188	iPd	08 13.30	-0.1
	0.3s		20.00nm		4.9mb
			e	08 16.00	
			e	08 26.00	
ASPA	21.48	216	iPc	08 26.80	0.3
	0.5s		11.50nm		4.5mb
			eS	12 08.00	
STK	25.83	192	eP	09 09.40	1.0
	0.4s		2.10nm		4.0mb

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

FEB 21, 1992 15h 15m 21.99± 0.68s
38.363 N ± 6.0km 22.218 E ± 7.3km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 2.9 (ATH). MD 2.9 (THE).

AGG	0.66	8	ePg	15 34.40	-0.8
ATH	1.24	108	ePb	15 45.50	0.4
VLS	1.30	262	ePb	15 46.00	0.0
VLI	1.74	161	ePb	15 52.00	-0.4
LIT	1.75	7	ePb	15 52.60	0.1
			eSb	16 16.41	
KEK	2.32	306	ePg	16 10.50	9.7X
FNA	2.50	345	ePn	16 04.20	0.8
KNT	2.84	10	ePn	16 08.20	-0.1
OHR	2.95	339	ePn	16 12.70	2.9X

S.D. = 0.6 on 7 of 9 obs.

? FEB 21, 1992 15h 22m 10.81± 2.36s
6.365 S ±12.5km 147.855 E ±25.0km
DEPTH = 62.5 ± 18.1 km
4.5mb (10 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)

LAT	0.90	251	iPd	22 26.40	-1.4
YYYY	1.88	274	eP	22 44.20	2.8X
			eS	23 09.20	
MDG	2.34	298	eP	22 50.00	2.3
			eS	23 16.00	
PMG	3.10	193	ePd	22 58.00	-0.4
			eS	23 45.00	
QIS	16.22	209	iPd	25 55.40	-0.8
	0.9s		21.00nm		4.3mb
			i	30 30.00	
WB2	18.82	223	eP	26 04.70	-23.7X
	0.3s		2.10nm		
			i	26 26.10	
RMQ	20.03	178	iPc	26 41.50	0.1
	0.2s		10.00nm		4.8mb
QLP	20.40	189	iPd	26 44.80	-0.4
	0.3s		65.00nm		5.4mb
BRS	21.43	168	iPc	26 55.00	-0.6
	0.5s		8.00nm		4.3mb
ASPA	21.82	217	eP	26 46.10	-13.5X
	1.4s		4.70nm		
			i	26 59.20	
			eS	31 02.30	
ARMA	24.19	172	eP	27 24.00	1.2
	0.2s		3.00nm		4.4mb
CMS	25.06	184	eP	27 32.00	1.0
	0.3s		3.00nm		4.3mb
			eS	31 29.00	
STK	26.05	192	eP	27 41.70	1.6
	0.5s		5.90nm		4.4mb
MRWA	37.68	229	eP	29 22.00	0.0
	0.5s		4.00nm		4.6mb
KLB	37.70	224	eP	29 21.00	-1.1
	0.4s		8.00nm		5.0mb
MAT	43.63	349	(P)	30 09.00	-1.8
	0.8s		7.46nm		4.5mb
GUN	68.78	303	P	33 00.00	-11.1X

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

& FEB 21, 1992 16h 12m 34.35s
36.019 N 117.890 W
DEPTH = 3.3km
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.5 (PAS), 3.5 (GS).

ISA	0.59	233	iPd	12 45.70	-0.5
PANV	0.74	59	P	12 48.80	-0.4
MCA	0.80	38	P	12 49.00	-1.3
QSM	0.83	93	P	12 50.10	-0.8
FMT	1.09	55	P	12 54.50	-1.0
LCH	1.23	9	P	12 56.70	-1.2
SBB	1.33	178	eP	12 58.70	-0.9
PPK	1.40	359	P	13 00.00	-1.0
YMT3	1.42	57	P	13 00.20	-0.9
YMT5	1.45	52	P	13 00.70	-0.9
MGM	1.45	12	P	13 01.30	-0.4
YMT6	1.46	55	P	13 00.70	-1.0
LSM	1.49	61	P	13 01.30	-0.8
TMBR	1.58	50	P	13 02.70	-0.8
ABL	1.59	223	eP	13 02.87	-0.8
SVP	1.69	2	P	13 05.30	0.1
FRI	1.76	304	iPc	13 05.85	0.0
			eS	13 28.82	
PKEM	1.80	272	eP	13 07.29	0.8
BONR	1.96	350	ePn	13 09.16	0.1
			iPg	13 11.07	
BCH	1.97	246	ePn	13 08.83	-0.3
			iS	13 34.03	
PHAM	2.04	266	eP	13 10.52	0.5
			(S)	13 38.99	
TNP	2.13	14	ePn	13 11.09	-0.3
			ePg	13 14.09	
			iS	13 38.65	
PEC	2.21	164	eP	13 11.21	-1.2
			iS	13 43.74	
PRI	2.25	274	eP	13 13.98	0.8
			eS	13 39.38	
LLA	2.54	284	eP	13 17.25	0.1
			eS	13 51.92	
PLM	2.79	162	eP	13 19.40	-1.5
			iS	13 59.13	
PRS	2.83	277	eP	13 23.13	1.8
CMB	2.83	316	iPc	13 23.80	2.4
			iS	14 01.32	
SAO	2.96	286	eP	13 24.18	1.0
KVN	3.03	357	(P)	13 24.80	0.5
ARN	3.21	295	P	13 28.30	1.6
ARUT	3.98	62	eP	13 37.81	0.1
MSU	5.19	60	(P)	13 55.73	0.7

33 obs. associated

FEB 21, 1992 16h 22m 54.97± 0.86s
6.281 S ± 6.4km 147.723 E ± 6.8km
DEPTH = 61.1 ± 9.0 km
4.7mb (13 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)

LAT	0.81	243	iPd	23 10.90	0.2
YYYY	1.75	271	eP	23 28.70	5.1X
			eS	23 55.70	
MDG	2.19	298	iPd	23 31.90	2.3
			eS	24 03.20	
PMG	3.16	190	iPd	23 42.80	-0.5
			eS	24 22.00	
RAB	4.89	65	iPc	24 07.00	-0.7
	0.5s		1014.08nm		
HNR	12.51	105	eP	25 52.00	-0.2
QIS	16.23	208	eP	26 40.00	-0.6
	0.9s		26.00nm		4.4mb
			e	29 35.00	

```
WB2     18.79 222 iPd   27 10.50  -1.8
        0.3s    26.50nm          4.9mb
                  eS    30 41.40
WRA     18.80 223 P     27 01.50 -10.9X
        1.1s     0.50nm
RMO     20.12 177 iPd   27 25.90  -0.7
        0.4s    17.00nm          4.7mb
OLP     20.46 189 iPd   27 29.20  -0.9
        0.3s    70.00nm          5.5mb
KNA     20.83 242 eP    27 32.50  -1.4
BRS     21.54 168 iPd   27 40.50  -0.5
        1.0s     7.00nm          4.0mb
ASPA    21.81 216 iPd   27 43.10  -0.6
        0.4s    50.60nm          5.3mb
      Z  18s     0.70um          4.1Msz
                  eS    31 40.20
DZM     23.95 133 iPc   28 06.00   1.3
ARMA    24.29 172 eP    28 09.00   1.0
        0.6s     6.00nm          4.3mb
CMS     25.14 184 eP    28 17.00   1.1
        0.8s     6.00nm          4.1mb
STK     26.11 192 eP    28 26.40   1.5
        0.6s     6.30nm          4.3mb
BWA     28.01 179 eP    28 42.30   0.0
WARB    28.22 223 eP    28 45.00   0.8
MRWA    37.64 229 eP    30 07.00   1.1
        0.4s     4.00nm          4.7mb
KLB     37.67 224 eP    30 06.00  -0.1
        0.3s     7.00nm          5.1mb
MAT     43.52 349 (P)   30 54.00  -0.2
        1.1s    24.05nm          4.9mb
XAN     54.35 320 eP    32 16.50  -1.4
BJI     54.50 330 eP    32 17.50  -1.2
GTA     63.42 320 eP    33 20.80   0.1
        1.0s     9.00nm          4.8mb
                  pP    33 39.20  70kmX
YKA     99.08  28 eP    36 51.20  20.9X
        0.9s     0.50nm
GEC2   122.54 326 PKP   41 44.60  -0.6
        0.9s     0.80nm
PPD    146.24 147 (PKP) 42 32.00   2.1
KIC    152.63 272 (PKP) 42 47.20   7.3X
LIC    152.91 271 (PKP) 42 48.00   7.7X
     S.D. = 1.2  on  26 of  31 obs.
-----------------------------------
%  FEB  21, 1992  16h 32m 42.94± 1.61s
   67.036 N ±16.0km   20.846 E ±14.5km
   DEPTH =  10.0km  (geophysicist)
 SWEDEN                            (536)
      MD 3.3 (BER).

KTK1     2.18  23 eP    33 20.14   0.4
                  eS    33 46.15
TRO      2.70 346 eP    33 27.77   0.6
LOF      3.01 295 eP    33 30.81  -0.6
ARA0     3.05  32 Pn    33 31.41  -0.6
NSS      4.44 240 eP    33 52.02   0.3
     S.D. = 0.8  on   5 of   5 obs.
-----------------------------------
?  FEB  21, 1992  16h 47m 08.37± 4.36s
    6.464 S ±23.3km  147.484 E ±50.0km
   DEPTH =  64.7 ± 14.0 km
   4.0mb (  2 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

LAT      0.52 249 iPd   47 21.40   0.4
YYYY     1.52 278 eP    47 38.30   4.2X
                  eS    48 09.30
MDG      2.08 305 iPd   47 41.40  -0.2
PMG      2.94 186 eP    47 53.50  -0.3
                  eS    48 35.00
WB2     18.50 222 eP    51 21.40  -0.5
        0.4s     5.60nm          4.1mb
ASPA    21.52 216 eP    51 54.60   0.6
        0.9s     5.60nm          3.9mb
     S.D. = 1.0  on   5 of   6 obs.
-----------------------------------
   FEB  21, 1992  17h 13m 19.79± 0.15s
    2.075 N ± 2.9km  128.408 E ± 3.9km
   DEPTH =  79.9km  (  7 depth phases)
   5.5mb ( 68 obs.)
 HALMAHERA, INDONESIA              (267)
      CENTROID, MOMENT TENSOR      (HRV)
      Data Used: GDSN
      L.P.B.: 26S, 47C
      Centroid Location:
      Origin Time        17:13:21.8 0.3
      Lat  2.14N 0 03 Lon 128.44E 0.03
      Dep  86.7 3.1 Half-duration  2.1
      Moment Tensor;   Scale 10**17 Nm
        Mrr= 0.93 0.05  Mtt=-0.48 0.07
        Mff=-0.45 0.09  Mrt= 1.33 0.05
        Mrf= 0.31 0.05  Mtf= 0.81 0.06
      Principal Axes:
        T  Val=  1.93  Plg=53  Azm=332
        N       -0.36     29      108
        P       -1.57     21      211
      Best Double Couple:Mo=1.8*10**17
      NP1:Strike=341 Dip=35 Slip= 148
      NP2:         98     72       60

DAV      5.72 331 eP+   14 44.00  -0.1
KKM     12.78 288 ePd   16 21.10   1.1
        0.7s   474.00nm          6.3mb X
MTN     15.07 170 eP    16 48.40  -1.3
        0.4s    83.00nm          5.3mb
                  eS    19 27.00
BAG     16.20 332 ePc+  17 02.00  -2.1
                  e     20 05.00
KHKI    16.44 231 ePd   17 08.70   1.7
                  e     22 29.00
KNA     17.71 179 eP    17 22.00  -0.8
GUMO    19.89  54 e(P)  17 48.00   0.5
        0.6s   301.50nm          5.8mb
      Z  26s     1.95um          4.3MszX
                  i     17 51.80  15kmX
PJG     19.89  54 e(P)  17 49.30   1.8
GUA     19.90  54 e(P)  17 48.00   0.4
        0.3s   436.36nm          6.3mb
LAT     20.48 115 eP    17 54.70   1.1
SAPN    21.51  52 eP    18 09.30   5.3X
PMG     21.89 122 eP    18 09.50   1.9
        1.0s    60.00nm          4.9mb
WB2     22.65 165 iPd   18 14.50  -0.6
        0.5s    73.70nm          5.3mb
                  eS    22 20.50
HKC     24.41 327 ePc   18 34.00   1.9
                  eS    22 54.00
MCO     24.61 325 iP    18 35.40   1.3
QZH     24.63 338 iPc   18 35.00   0.8
        1.0s   130.00nm          5.3mb
OIZ     24.79 314 iPc   18 37.00   1.2
        0.8s   240.00nm          5.7mb
                  sP    18 59.00
OIS     25.03 155 e(P)  18 37.00  -1.1
        0.7s   139.00nm          5.5mb
                  i     18 38.00   4kmX
KGM     25.07 270 eP    18 40.80   2.3
        0.9s   381.60nm          5.8mb
GZH     25.49 326 Pc    18 43.00   0.7
        1.0s   250.00nm          5.6mb
      Z  32s     3.33um          4.7MszX
                  sP    19 04.50
ASPA    26.14 169 iPd   18 48.00  -0.4
        0.3s    41.60nm          5.4mb
      Z  23s     1.90um          4.6MszX
                  eS    23 13.10
                  iScS  29 32.50
IPM     27.45 276 eP    19 01.00   0.6
NANU    27.52 206 eP    18 59.50  -1.4
CTA     28.14 142 P     19 08.50   2.0
WARB    28.14 183 eP    19 06.10  -0.4
        0.3s     9.00nm          4.9mb
KAGJ    29.05   4 eP    19 13.80  -0.8
SSE     29.66 347 Pc    19 19.80  -0.2
        1.0s    27.00nm          4.9mb
      Z  24s     1.50um          4.5MszX
      N  14s     0.40um
                  sP    19 46.00
                  S     24 10.00
LOE     30.31 302 eP    19 26.50   0.5
KUMJ    30.38   4 eP    19 25.20  -1.2
NST     30.97 298 eP    19 38.00   6.3X
NJ2     31.15 344 Pd    19 33.40   0.3
        1.0s    36.00nm          5.1mb
WHN     31.29 336 Pc    19 35.00   0.6
SHNJ    31.98   4 eP    19 39.10  -1.3
GYA     32.00 321 iPc   19 42.00   1.2
        1.0s    67.00nm          5.4mb
      Z  20s     1.25um          4.6Msz
      N  16s     1.32um
      E  16s     0.77um
                  sP    20 05.00
                  PcP   22 30.60
                  sS    25 17.00
KHT     32.02 295 iPc   19 41.20   0.2
TKSJ    32.18   9 eP    19 41.10  -1.0
OLP     32.33 153 iPd   19 43.70   0.2
        0.5s    38.00nm          5.5mb
BDT     32.59 299 eP    19 47.00   1.1
        1.0s    34.50nm          5.1mb
WKYJ    32.68  11 P     19 45.90  -0.6
FORR    32.74 180 eP    19 45.00  -2.0
        0.3s    35.00nm          5.7mb
                  eS    37 17.00
YONJ    33.28   8 P     19 51.40  -0.3
CHG     33.31 302 iPc   19 53.00   0.8
        1.0s    92.50nm          5.6mb
MRWA    33.31 200 iPc   19 50.60  -1.4
        0.4s    12.00nm          5.1mb
HNR     33.44 110 eP    19 52.00  -1.3
COOL    33.50 191 eP    19 52.00  -1.7
        0.4s     4.00nm          4.6mb
KMI     33.73 315 Pc    19 57.50   1.5
        1.0s    60.00nm          5.4mb
                  pP    20 13.00  63kmX
TSRJ    34.03  11 iP+   19 57.40  -0.8
BAL     34.36 198 eP    19 59.00  -2.1
        0.4s    14.00nm          5.2mb
IIDJ    34.39  14 P     20 00.00  -1.3
RMO     34.53 147 iPd   20 02.50  -0.1
        0.3s     6.00nm          5.0mb
KLB     34.98 196 iPc   20 05.00  -1.3
        0.3s    11.00nm          5.3mb
CHJJ    35.20  15 iP+   20 05.90  -2.3
MTMJ    35.42  13 P     20 08.90  -1.3
MAT     35.47  14 iPc   20 08.60  -1.9
        1.0s   323.00nm          6.2mb
TIA     35.54 344 Pc    20 10.20  -0.8
      Z  29s     1.03um          4.4MszX
                  PcP   22 38.90
KAKJ    35.66  16 P     20 08.70  -3.4X
MUN     35.79 198 eP    20 12.00  -1.2
        0.8s    21.00nm          5.1mb
STK     36.01 161 eP    20 16.40   1.3
        0.7s    24.00nm          5.2mb
                  eS    25 47.50
                  iScP  26 22.00
                  eScS  30 22.30
NIIJ    36.33  14 P     20 16.00  -1.7
XAN     36.64 332 iPc   20 20.30  -0.1
        0.8s    44.00nm          5.4mb
                  S     26 00.00
                  PcS   26 24.50
                  SS    28 28.00
CD2     36.96 323 iPc   20 23.50   0.4
        0.8s    86.00nm          5.7mb
      Z  26s     1.60um          4.7MszX
                  ePP   21 50.00
                  eS    25 55.50
DL2     37.18 351 Pc    20 25.00   0.3
        1.0s   100.00nm          5.7mb
      Z  25s     0.68um          4.3MszX
                  eS    26 00.00
CMS     37.26 155 iPd   20 26.00   0.5
        0.4s     4.00nm          4.7mb
YAMJ    37.47  15 eP    20 26.90  -0.4
BRS     37.54 143 iPc   20 28.00   0.0
        1.0s    11.00nm          4.7mb
                  i     20 46.00  74km
RKG     37.99 195 eP    20 29.00  -2.7X
ADE     38.09 166 e(P)  20 33.50   0.9
        0.9s   137.82nm          5.9mb
TIY     38.38 339 Pc    20 35.00   0.0
      Z  22s     1.07um          4.6Msz
      N  11s     0.35um
OFUJ    38.77  17 eP    20 37.90  -0.2
ARMA    39.18 147 iPd   20 42.10   0.3
        0.4s    45.00nm          5.7mb
                  e     21 03.00  88km
BJI     39.39 345 eP    20 43.00  -0.3
        1.2s    67.00nm          5.4mb
                  eScP  26 31.50
                  eS    26 40.00
                  esS   27 06.00
                  eScS  30 46.00
SNY     39.81 354 iPc   20 46.20  -0.5
        1.0s    54.00nm          5.4mb
      Z  28s     1.56um          4.7MszX
LZH     40.77 329 iPc   20 56.20   1.3
        1.5s   300.00nm          5.9mb
```

21d 17h

Z 30s 3.41um 5.0MszX
N 15s 0.89um
pP 21 14.00 72km
sP 21 21.00
PP 22 36.00
PcP 22 56.00
ScP 26 37.00
PcS 26 46.50
S 27 05.00
sS 27 32.00
ScS 30 50.50
BWA 40.89 154 iPc 20 58.00 2.3
i 21 18.90 87km
BFD 41.20 163 iPd 21 00.90 2.7X
0.5s 29.00nm 5.4mb
HHC 41.49 341 Pc 21 01.20 0.5
1.2s 86.00nm 5.5mb
CN2 41.63 357 eP 21 00.60 -1.0
1.0s 12.00nm 4.7mb
Z 20s 0.91um 4.6Msz
MRRJ 41.74 14 eP 21 02.50 0.0
BTO 41.81 339 eP 21 02.80 -0.5
CAN 41.90 154 eP 21 05.40 1.4
i 21 26.10 86km
SHL 42.20 307 iPc 21 07.80 1.0
iS 27 22.00
HOOJ 42.29 16 P 21 08.00 1.0
MDJ 42.37 1 Pc 21 07.50 -0.2
1.4s 270.00nm 5.9mb
Z 40s 1.50um 4.6MszX
TOO 42.51 160 eP 21 10.00 1.0
KUSJ 43.36 17 P 21 16.00 0.3
ASAJ 43.73 15 P 21 19.10 0.4
DZM 44.22 125 iPc 21 23.00 -0.1
LSA 44.78 312 iPc 21 30.00 2.0
0.6s 47.00nm 5.5mb
S 28 04.00
sS 28 34.00
GTA 45.37 329 iPc 21 32.60 0.5
1.0s 130.00nm 5.7mb
Z 30s 2.60um 5.0MszX
E 16s 0.70um
pP 21 48.40 62kmX
PcP 23 12.00
sS 28 38.00
ScS 31 19.20
GUN 48.05 306 P 21 54.00 0.3
PKI 48.29 306 P 21 55.50 0.0
KKN 48.48 306 P 21 56.80 0.0
DMN 48.55 306 P 21 58.00 0.6
GKN 49.09 306 P 22 01.60 0.2
KOD 51.23 281 iP 22 17.80 -0.3
eS 29 50.00
HYB 51.26 291 iPc 22 17.50 -0.4
1.0s 310.00nm 6.3mb
IRK 53.92 342 ePc 22 36.00 -1.1
1.3s 23.00nm 5.0mb
e 22 55.20 76km
e 23 31.30
LR 43 51.00
WMO 55.03 325 iPc 22 45.50 0.0
1.0s 98.00nm 5.8mb
Z 28s 1.91um 5.0MszX
pP 23 05.00 77km
PcP 23 44.50
PP 24 49.00
ScP 27 37.00
S 30 24.00
sS 30 55.50
ScS 32 24.00
NDI 55.43 304 iP 22 47.00 -1.5
eS 30 18.00
POO 55.86 291 iPc 22 51.20 -0.6
BOM 56.89 291 eP 23 00.30 1.2
eS 30 49.30
YAK 59.80 1 iPc 23 18.20 -0.4
1.0s 156.00nm 6.1mb
epP 23 43.00 100kmX
ePcP 24 07.00
eS 31 22.00
ePS 31 51.00
esS 32 00.00
KSH 60.36 315 P 23 24.70 1.7
GAR 64.27 313 ePc 23 48.60 -0.5
1.0s 100.00nm 5.7mb
QUE 64.44 303 iPc 23 50.50 0.0
1.1s 115.82nm 5.7mb

eS 33 02.80
MAIO 71.84 308 iPc 24 36.50 0.2
0.8s 42.09nm 5.4mb
WIH 76.12 71 P 25 03.80 2.0
PLL 76.24 71 P 25 04.50 2.2
MLH 76.31 71 P 25 04.80 2.3
AHA 76.42 71 P 25 05.10 2.1
SHI 76.71 300 eP 25 03.00 -1.6
SDN 77.61 34 iP 25 08.66 -0.1
0.8s 513.14nm 6.5mb X
ANM 78.09 24 eP 25 11.69 0.5
SVW 81.43 28 iP 25 30.24 1.1
1.1s 104.32nm 5.7mb
TTA 81.61 27 iP 25 30.62 0.4
0.7s 40.45nm 5.4mb
PDB 81.88 30 iP 25 30.96 -0.5
KDC 82.43 32 iP 25 34.81 0.4
0.8s 171.65nm 6.0mb
RSO 82.70 29 iP 25 35.54 -0.5
BRW 83.21 18 P 25 39.55 1.4
IMA 83.21 24 iP 25 39.23 0.7
0.9s 115.95nm 5.8mb
BHD 83.87 303 iPd 25 42.50 0.2
eSKS 36 16.00
eS 37 15.00
SLKM 83.95 29 iP 25 41.62 -0.5
PMR 84.59 28 iP 25 45.07 -0.2
0.5s 96.96nm 6.1mb
RND 84.90 27 iP 25 46.13 -0.8
MSL 84.96 306 eP 25 48.00 0.3
FBA 85.49 25 eP 25 49.77 0.0
0.5s 9.62nm 5.1mb
KLU 86.12 29 iP 25 53.16 0.1
BALM 87.83 29 iP 26 02.03 0.7
OBN 89.35 325 iPd 26 08.00 -0.5
1.1s 81.00nm 5.8mb
Z 18s 0.10um 4.3Msz
e 26 27.00 68kmX
e 27 27.00
INK 91.08 22 eP 26 15.70 -0.6
0.4s 10.00nm 5.5mb
HRI 91.11 303 eP 26 18.10 0.8
JVI 91.51 302 eP 26 19.80 0.7
KEV 92.01 340 eP 26 19.00 -1.6
SPA 92.06 180 eP 26 22.50 1.5
0.7s 7.81nm 5.2mb
SAGI 92.21 300 eP 26 22.60 0.2
SOD 92.62 338 eP 26 19.00 -4.4X
MBC 93.19 13 eP 26 26.50 0.6
1.0s 7.00nm 5.0mb
KAF 93.83 333 iP 26 27.60 -1.5
0.6s 10.00nm 5.4mb
NUR 94.95 331 eP 26 33.10 -1.1
0.8s 15.90nm 5.5mb
VRI 96.64 316 eP 26 43.50 1.2
e 29 32.00
ISR 96.89 316 eP 26 56.50 13.0X
MLR 97.25 316 ePd 26 46.00 0.8
UPP 98.50 332 iP 26 49.90 -0.4
BUL 99.91 250 eP 26 56.20 -1.5
HFS 100.25 332 ePdiff26 56.40 -1.9
0.4s 2.70nm 5.2mb
YKA 100.29 25 ePdiff26 57.70 -0.7
0.8s 5.70nm 5.3mb
VAY 100.47 313 iPdiff26 58.20 -1.5
NB2 101.00 334 Pdiff 27 00.00 -1.7
0.6s 2.80nm 5.1mb
KSP 102.16 323 ePdiff27 07.00 0.0
e 31 18.60
BRG 103.55 324 iPdiff27 13.40 0.2
1.0s 12.00nm 5.7mb
i 31 26.00
i 31 51.00
CLL 103.95 324 ePdiff27 15.00 0.1
e 30 54.00
e 31 36.00
KHC 104.39 322 ePdiff27 16.80 -0.2
e 30 24.50
PP 31 29.40
GEC2 104.41 322 Pdiffd27 16.20 -1.0
1.2s 4.21nm 5.3mb
GRF 105.62 323 ePdiff27 22.00 -0.4
Z 20s 0.30um 4.8Msz
ePP 31 46.00
BCAO 109.63 275 ePKPd 31 47.90 3.8X
0.7s 6.00nm
ic 32 15.00

HVU 109.66 44 ePKP 31 43.86 0.3
FFC 109.90 28 ePKP 31 42.00 -1.3
1.0s 12.00nm
MSU 111.27 47 iPKP 31 47.70 0.9
SRU 112.25 46 ePKP 31 47.89 -0.6
GOL 115.64 44 ePKP 31 55.40 0.2
ALQ 116.87 49 ePKP 31 57.28 -0.3
FVM 126.38 38 ePKP 32 14.73 -0.7
OLY 127.23 41 (PKP) 32 15.75 -1.4
PWLA 129.75 39 ePKP 32 21.24 -0.7
TKL 131.91 36 ePKP 32 26.91 0.9
TIC 132.71 281 (PKP) 32 12.30 -15.9X
LIC 132.78 280 (PKP) 32 12.50 -15.8X
CVL 133.03 29 (PKP) 32 23.62 -4.4X
PRM 133.84 36 ePKP 32 31.82 2.1
JSC 134.34 35 ePKP 32 29.39 -1.3
LNV 143.27 152 ePKP 32 45.50 -1.4
CACH 143.51 153 ePKP 32 46.00 -1.6
TACH 143.74 152 ePKP 32 47.00 -0.8
RFA 143.87 156 ePKPd 32 46.50 -1.6
PEL 144.28 152 ePKP 32 47.50 -1.3
MDZ 145.33 154 i(PKP)32 50.80 0.2
TCA 148.41 158 ePKP 32 57.20 1.5
UPA 150.06 68 iPKP 33 03.20 4.7X
1.3s 215.38nm
CYA 150.48 154 e(PKP)33 03.50 4.6X
NNA 153.11 113 ePKP 33 04.30 1.3
1.0s 25.00nm
SDV 158.12 60 ePKP 33 10.20 0.4
LPB 158.31 132 PKP 33 11.30 1.1
S.D. = 1.1 on 169 of 182 obs.

FEB 21, 1992 18h 25m 40.07± 0.63s
43.423 N ± 4.3km 5.442 E ± 4.8km
DEPTH = 10.0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)
ML 2.7 (STR).

GELF 0.04 195 Pg 25 41.85 -0.3
TREF 0.21 348 Pg 25 44.47 -0.1
BERF 0.21 121 Pg 25 44.91 0.2
PUYF 0.22 60 Pg 25 44.20 -0.6
CDR 0.35 43 iPgd 25 46.20 -1.0
eSg 25 50.40
PRAF 0.43 333 Pg 25 49.29 0.4
VILF 0.47 25 Pg 25 49.51 -0.2
TAVF 0.49 66 Pg 25 49.80 -0.2
CALN 1.10 72 Pg 26 01.77 0.9
MVIF 1.33 69 Pn 26 05.21 0.5
Sg 26 24.17
TOUF 1.44 65 Pn 26 06.86 0.5
AURF 1.44 71 Pn 26 06.77 0.4
AUTN 1.55 68 Pn 26 08.35 0.4
Sg 26 31.13
SAOF 1.63 69 Pn 26 08.68 -0.3
PGF 2.75 107 Pn 26 24.45 -0.7
S.D. = 0.6 on 15 of 15 obs.

& FEB 21, 1992 18h 26m 29.12s
59.994 N 148.939 W
DEPTH = 13.0km
KENAI PENINSULA, ALASKA (14)
<AEIC>. ML 2.6 (AEIC).

SEW 0.28 293 iP 26 35.11 0.0
eS 26 39.93
LTI 0.55 85 iP 26 39.21 -0.9
eS 26 48.45
MTU 0.65 90 iP 26 41.55 -0.2
eS 26 51.94
SLKM 0.82 309 eP 26 43.86 -0.9
BRLK 1.01 258 eP 26 46.62 -1.3
eS 27 01.17
NNL 1.18 273 eP 26 50.78 -0.2
CNPM 1.25 249 eP 26 50.82 -1.4
eS 27 07.51
GLI 1.28 45 iP 26 50.31 -2.2
eS 27 07.78
PMS 1.29 347 eP 26 51.55 -1.3
KNK 1.44 9 eP 26 53.39 -1.5
eS 27 14.13
XLV 1.51 250 eP 26 55.06 -0.8
VZW 1.59 47 eP 26 55.14 -1.9
eS 27 16.71
PLRM 1.61 357 eP 26 56.00 -1.2
PMR 1.61 357 eP 26 55.39 -1.8
S 27 17.84

```
SUA     1.72 330 eP     26 58.68  -0.3
PWA     1.73 345 eP     26 59.92   1.0
GHO     1.78   0 eP     26 59.06  -0.8
RDT     1.82 290 eP     26 59.21  -1.2
SML     1.84   9 eP     26 59.42  -1.3
SGAM    1.93  73 eP     26 59.29  -2.6
REF     1.94 286 eP     27 00.65  -1.6
SPU     1.95 309 eP     27 00.67  -1.5
DFR     1.96 289 eP     27 00.81  -1.6
RED     1.96 284 eP     27 00.41  -2.1
RSO     1.96 286 eP     27 01.83  -0.7
RS1     1.96 285 eP     27 02.74   0.2
RS2     1.96 286 eP     27 01.84  -0.8
BKG     1.97 305 eP     27 01.84  -0.7
CGLM    2.01 312 eP     27 02.17  -0.9
CKN     2.02 309 eP     27 04.09   0.8
CRP     2.04 310 eP     27 03.76   0.1
CKL     2.07 307 eP     27 03.43  -0.6
INE     2.07 274 eP     27 04.59   0.5
KLU     2.11  43 eP     27 03.12  -1.5
NCG     2.12 313 eP     27 03.84  -1.0
BGL     2.13 308 eP     27 04.56  -0.3
SYI     2.25 233 eP     27 04.73  -1.8
SKT     2.36 329 eP     27 07.75  -0.4
TOA     2.51  31 eP     27 09.77  -0.5
CDD     2.63 248 eP     27 14.10   2.1
PDB     2.66 268 eP     27 13.35   1.0
GLB     2.91  58 eP     27 13.68  -2.3
SDG     3.03  31 eP     27 17.62   0.1
BALM    3.42  69 eP     27 20.12  -3.2
        44 obs. associated
-----------------------------------------
   FEB  21, 1992  18h 30m 46.05± 0.16s
    1.976 N ± 3.0km  126.771 E ± 5.0km
   DEPTH =  33.0km  (normal)
   5.4mb ( 50 obs.)  4.4Msz (  6 obs.)
 NORTHERN MOLUCCA SEA              (266)
      CENTROID, MOMENT TENSOR      (HRV)
      Data Used: GDSN
      L.P.B.: 16S, 32C
      Centroid Location:
      Origin Time        18:30:51.8 0.7
      Lat  2.43N 0.08 Lon 126.88E 0.07
      Dep  31.4 4.5 Half-duration  1.8
      Moment Tensor;   Scale 10**16 Nm
        Mrr= 9.58 0.74   Mtt=-0.66 0.74
        Mff=-8.91 1.05   Mrt=-6.34 1.72
        Mrf=-1.36 1.46   Mtf=-4.24 0.76
      Principal Axes:
        T  Val= 12.62  Plg=64  Azm=184
        N       -1.18       23       33
        P      -11.44       11      298
      Best Double Couple:Mo=1.2*10**17
       NP1:Strike=  1 Dip=39 Slip=  52
       NP2:       227      60      117

DAV      5.22 347 eP+    32 04.00   0.2
KKM     11.28 291 ePc    33 29.50   1.4
        1.0s   174.50nm          6.2mb
KHKI    15.15 227 ePc    34 27.30   8.0X
                 e       37 25.00
MTN     15.35 164 eP     34 21.50  -0.5
        0.5s   160.00nm          5.5mb
BAG     15.59 337 eP     34 24.00  -1.2
KNA     17.72 174 eP     34 51.00  -1.1
        0.7s   194.00nm          5.3mb
WB2     23.02 161 iPd    35 49.00  -0.4
        0.6s   335.80nm          6.0mb
                 eS      40 00.20
PMG     23.24 119 eP     35 40.00 -11.6X
KGM     23.44 271 ePd    35 55.90   2.5X
HKC     23.63 330 ePc    35 55.30   0.1
QIZ     23.71 317 iPc    35 56.50   0.5
        0.7s    55.00nm          5.2mb
                 eS      40 06.00
                 sS      40 19.00
MBL     23.97 196 eP     35 59.00   0.4
OZH     24.16 342 eP     36 00.00  -0.3
      Z  32s     2.45um          4.5MszX
                 eS      40 07.50
GZH     24.70 329 P      36 05.20  -0.4
        1.0s   120.00nm          5.4mb
QIS     25.69 151 iPc    36 14.50  -0.5
        0.8s   133.00nm          5.6mb
IPM     25.83 276 ePc    36 16.40   0.0
        0.9s    29.80nm          4.9mb
ASPA    26.42 165 eP     36 20.20  -1.5
        0.5s    65.30nm          5.5mb
      Z  22s     1.20um          4.4Msz
                 eS      40 52.30
                 ePcS    43 25.70
                 eScS    47 08.10
WARB    27.99 180 eP     36 36.40   0.4
        0.4s    15.00nm          5.0mb
LOE     28.99 304 eP     36 44.00  -1.1
WHN     30.75 339 Pc     37 00.50  -0.1
        1.0s    16.00nm          4.8mb
NJ2     30.83 347 Pc     37 01.80   0.5
GYA     31.07 323 P      37 03.00  -0.7
        1.2s    24.00nm          4.9mb
      Z  20s     0.94um          4.4Msz
                 PcP     40 00.00
BDT     31.22 301 eP     37 04.00  -0.9
CHG     31.99 303 ePd    37 11.20  -0.5
        0.9s    56.93nm          5.5mb
KMI     32.66 317 Pd     37 17.50  -0.2
        1.5s   220.00nm          5.8mb
MRWA    32.69 198 iPc    37 18.10   0.5
        0.4s    41.00nm          5.7mb
QLP     33.02 150 eP     37 19.00  -1.5
        0.2s    44.00nm          6.0mb
COOL    33.11 189 eP     37 21.00  -0.3
        0.7s    49.00nm          5.5mb
BAL     33.79 196 iPc    37 27.60   0.4
        0.5s   106.00nm          6.0mb
KLB     34.46 194 iPc    37 33.20   0.2
        0.4s   101.00nm          6.1mb
IIDJ    34.91  16 P      37 36.30  -0.5
TIA     35.22 346 eP     37 39.00  -0.4
                 PcP     40 11.00
MUN     35.22 196 iPc    37 40.00   0.5
        0.8s   139.00nm          5.9mb
RMO     35.38 145 iPc    37 39.50  -1.4
        0.3s     7.00nm          5.1mb
                 iPcP    39 08.30
                 i       40 15.00
                 eS      43 55.00
CHJJ    35.74  17 P      37 42.00  -1.9
NWAO    35.87 194 iPc    37 45.70   0.8
MTMJ    35.92  15 P      37 45.10  -0.3
MAT     35.98  16 iPc    37 44.00  -1.9
        1.0s    58.00nm          5.5mb
      Z  20s     0.35um          4.1Msz
                 eS      43 25.00
CD2     36.09 325 P      37 45.60  -1.3
        1.2s    41.00nm          5.2mb
                 sP      37 59.00
                 ePP     39 09.60
                 eS      43 18.00
STK     36.49 159 iPc    37 51.40   1.2
        0.6s    32.30nm          5.4mb
                 ipP     39 16.10 445kmX
                 eS      43 30.70
DL2     37.05 353 Pd     37 56.00   1.2
        0.8s   180.00nm          6.0mb
      Z  20s     0.31um          4.1Msz
                 eS      43 32.00
RKG     37.49 193 eP     38 00.20   1.6
CMS     37.89 153 iPc    38 01.20  -0.7
        0.7s    16.00nm          5.0mb
TIY     37.93 341 eP     38 02.00  -0.3
      Z  28s     1.49um          4.6MszX
      N  16s     0.60um
YAMJ    38.02  17 eP     38 03.20   0.2
ADE     38.42 164 iPc    38 06.50   0.1
        0.7s   113.70nm          5.8mb
BRS     38.47 141 iPd    38 06.00  -0.9
        0.7s    10.00nm          4.7mb
BJI     39.09 347 eP     38 12.00   0.1
        1.0s    81.00nm          5.4mb
                 eS      44 10.00
OFUJ    39.35  18 eP     38 14.60   0.5
SNY     39.78 356 iPd    38 18.10   0.6
        0.6s    39.00nm          5.3mb
      Z  23s     0.77um          4.5MszX
                 sP      38 28.00
ARMA    40.00 146 iPd    38 20.00   0.3
        0.4s    45.00nm          5.6mb
LZH     40.03 331 iPd    38 20.00   0.0
        2.0s   130.00nm          5.3mb
      Z  28s     0.35um          4.1MszX
      N  15s     0.27um
SHL     40.96 308 iPd    38 27.00  -0.8
        0.9s   105.04nm          5.6mb
                 eS      44 32.00
HHC     41.07 342 P      38 28.80   0.4
        1.0s    40.00nm          5.1mb
      Z  32s     2.13um          4.8MszX
                 S       44 40.00
BTO     41.33 341 eP     38 30.00  -0.5
BWA     41.53 153 iPc    38 33.70   1.6
BFD     41.62 161 eP     38 34.00   1.3
        0.7s    32.00nm          5.2mb
                 e       40 11.00
CN2     41.66 359 eP     38 33.30   0.3
        1.0s    12.00nm          4.6mb
MDJ     42.53   3 Pd     38 41.10   0.9
        1.0s   170.00nm          5.7mb
CAN     42.54 153 eP     38 41.00   0.6
HOOJ    42.87  18 eP     38 44.20   1.3
TOO     43.00 158 eP     38 45.00   0.8
                 e       40 23.00
LSA     43.64 313 iPd    38 50.50   0.6
KUSJ    43.96  19 eP     38 52.30   0.5
ASAJ    44.26  16 eP     38 54.90   0.7
GTA     44.62 330 iPd    38 56.80  -0.5
        1.0s    34.00nm          5.2mb
      Z  26s     1.62um          4.8MszX
                 PP      40 41.00
                 eS      45 28.00
DZM     45.51 124 iPd    39 04.10  -0.6
GUN     46.80 307 P      39 14.20  -0.9
PKI     47.03 307 P      39 15.60  -1.3
        0.8s    38.00nm          5.4mb
KKN     47.22 307 P      39 17.00  -1.3
DMN     47.29 307 P      39 17.80  -1.0
GKN     47.83 307 P      39 21.80  -1.2
KOD     49.65 282 eP     39 37.50   0.1
HYB     49.76 291 ePc    39 37.00  -0.9
        1.0s    60.00nm          5.6mb
IRK     53.52 343 eP     40 05.20  -0.4
        1.5s    41.00nm          5.2mb
      Z  20s     0.38um          4.4Msz
                 e       40 20.20
                 e       40 38.70
                 e       41 22.50
                 LR      00 40.00
WMQ     54.18 326 P      40 10.40  -0.3
        1.0s    21.00nm          5.1mb
      Z  22s     0.88um          4.8Msz
                 PP      42 18.30
POO     54.37 291 iPd    40 11.80  -0.6
MSZ     59.14 147 eP     40 45.70  -0.1
KSH     59.28 316 P      40 48.70   1.5
YAK     59.94   2 iP     40 50.70  -0.3
        0.9s   220.00nm          6.3mb
                 i       41 07.00
                 e       49 00.00
                 e       50 35.00
EWZ     60.08 144 eP     40 51.40  -0.9
THZ     60.30 142 eP     40 52.60  -1.4
LTZ     60.49 143 eP     40 54.20  -1.1
KHZ     61.06 142 eP     40 57.10  -2.0
QUE     63.12 303 eP     41 12.30  -1.1
        1.0s    32.00nm          5.4mb
GAR     63.14 313 eP     41 12.20  -1.1
CSY     69.10 187 iPd    41 51.00   0.4
        0.6s    70.60nm          5.9mb
MAIO    70.61 308 iPc    42 01.00   0.5
TTA     82.44  27 eP     43 07.75   1.4
BHD     82.55 303 iPd    43 08.00   0.6
                 eSKS    53 28.00
ARO     83.66 281 eP+    43 16.30   2.8X
BRW     83.81  18 eP     43 15.00   1.9
IMA     83.96  24 ePc    43 15.17   1.0
PMR     85.46  29 eP     43 21.96   0.5
GLH     89.88 303 eP     43 45.60   2.1
PRNI    90.55 300 eP     43 48.00   1.4
SAGI    90.84 300 eP     43 49.90   1.9
KEV     91.54 340 eP     43 57.00   6.7X
INK     91.77  22 eP     43 51.00  -0.4
SPA     91.96 180 iPc    43 54.40   1.9
        1.7s    53.13nm          5.7mb
SOD     92.09 338 eP     43 57.00   4.1X
KAF     93.16 332 eP     43 57.60  -0.3
        0.6s     6.40nm          5.2mb
MBC     93.64  13 eP     44 01.00   1.1
NUR     94.25 331 eP     44 04.20   1.3
VRI     95.58 316 eP     44 10.50   1.0
MLR     96.18 316 eP     44 13.00   0.6
VAY     99.33 312 eP     44 26.30  -0.2
```

21d 18r

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NB2    100.37 333 Pdiff 44 30.00  -0.8
        0.7s      1.60nm          4.7mb
YKA    101.07  25 ePdiff44 32.80  -1.0
        1.1s      1.80nm          4.6mb
BRG    102.66 323 ePdiff44 48.60   7.5X
KHC    103.46 322 ePdiff44 42.50  -2.3X
                  e      45 16.60
GEC2   103.47 321 Pdiff 44 50.30   5.3X
        0.8s      0.86nm          4.6mb
BCAO   108.01 275 iPKPc 49 17.40   4.2X
        0.7s      6.00nm
GOL    116.83  43 ePKP  49 30.91   1.3
KIC    130.89 280 (PKP) 49 36.12 -20.8X
LIC    131.19 280 (PKP) 49 40.16 -17.3X
GBTN   132.67  35 ePKP  50 01.34   1.6
TKL    132.93  34 ePKP  50 02.12   1.9
CVL    133.90  28 ePKP  49 55.79  -6.1X
CACH   144.14 155 iPKPd 50 19.50  -1.4
TACH   144.39 154 ePKPd 50 19.50  -1.7
RFA    144.42 158 ePKPc 50 20.50  -0.7
SAN    144.68 154 ePKP  50 21.00  -0.7
PEL    144.94 154 iPKPc 50 21.70  -0.4
        1.0s     60.00nm
ROCH   144.94 153 iPKP  50 22.00  -0.4
MDZ    145.93 156 i(PKP)50 25.60   1.7
CYA    151.07 157 iPKPc 50 38.00   6.0X
UPA    151.62  67 ePKP  50 39.20   6.1X
NNA    154.57 114 ePKP  50 46.00   8.8X
        0.9s     12.60nm
LPB    159.42 136 PKP   50 40.00  -3.7X
      S.D. = 1.0  on 113 of 130 obs.
-----------------------------------
&  FEB  21, 1992  18h 41m 23.36s
   58.683 N          152.750 W
   DEPTH =  52.4km
 KODIAK ISLAND REGION            ( 13)
      <AEIC>. ML 2.7 (AEIC).

SYI      0.20 111 iP     41 31.50  -0.5
                  eS     41 38.10
CDD      0.53 298 iP     41 34.90  -0.3
AUI      0.74 332 iP     41 37.15  -0.7
                  eS     41 47.97
AUE      0.75 335 eP     41 37.15  -0.8
XLV      0.94  34 eP     41 41.20   0.7
KDC      0.95 172 ePn    41 40.48  -0.1
                  eS     41 52.49
MCNL     0.96 302 iP     41 40.31  -0.5
                  eS     41 53.35
CNPM     1.15  42 eP     41 42.52  -0.9
PDB      1.33 327 iPd    41 44.33  -1.6
                  iS     42 00.65
INE      1.39 354 eP     41 45.46  -1.5
INW      1.40 352 eP     41 45.99  -1.0
                  eS     42 03.83
BRLK     1.45  41 eP     41 46.14  -1.4
BGM      1.47 300 eP     41 46.64  -1.2
NNL      1.55  28 eP     41 48.85  -0.2
RED      1.74 360 eP     41 50.43  -1.3
RS1      1.78 360 eP     41 51.17  -1.3
RSO      1.79 360 eP     41 51.15  -1.3
RS2      1.79 360 eP     41 51.15  -1.3
REF      1.81   1 eP     41 51.48  -1.4
RDT      1.91   5 eP     41 52.51  -1.5
DFR      1.92   1 eP     41 52.88  -1.3
SEW      2.21  48 eP     41 56.27  -2.0
SLKM     2.24  34 eP     41 56.76  -1.9
BKG      2.41   6 eP     42 00.04  -1.1
CKL      2.53   5 eP     42 01.66  -1.2
SPU      2.53   8 eP     42 01.76  -1.1
CKN      2.57   6 eP     42 03.02  -0.3
BGL      2.60   4 eP     42 02.65  -1.2
CRP      2.61   6 eP     42 04.00  -0.1
CGLM     2.66   8 eP     42 04.09  -0.6
NCG      2.75   6 eP     42 06.27   0.3
SVW      2.83 330 eP     42 05.33  -1.8
SUA      2.97  19 eP     42 08.30  -0.9
PMR      3.43  30 (P)    42 13.86  -1.8
       34 obs. associated
-----------------------------------
   FEB  21, 1992  19h 07m 10.00± 0.49s
   41.740 N ± 4.2km   22.839 E ± 4.7km
   DEPTH =   5.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION      (383)
      ML 3.0 (SKO). MD 3.3 (THE). Felt
      (III) at Berovo, Yugoslavio.
      Also felt in southwestern
      Bulgaria.

KKB      0.22  55 iPgd   07 14.00  -0.5
                  Sg     07 18.00
VAY      0.46 206 iPg    07 20.30   1.0
                  iSg    07 27.30
KNT      0.58 176 ePg    07 22.00   0.4
MMB      0.68 102 iPgc   07 24.00   0.3
                  Sg     07 34.00
SRS      0.84 137 ePg    07 26.30  -0.4
                  eSg    07 39.00
VTS      0.89  18 iPgc   07 26.00  -1.7
                  Sg     07 37.00
SKO      1.07 283 iPgc   07 31.50   0.9
        0.8s   224.00nm
                  i      07 35.50
                  iSg    07 45.00
                  i      07 47.50
                  Lg     07 48.70
THE      1.11 175 ePb    07 31.50   0.2
                  eSb    07 47.00
PGB      1.28  50 iPc    07 33.00  -1.2
RZN      1.41  91 iPgc   07 36.00  -0.5
                  Sg     07 54.00
PLD      1.44  75 P      07 37.00   0.3
OHR      1.66 248 ePn    07 39.50  -0.4
        1.0s   121.00nm
                  Lg     08 05.60
LIT      1.66 189 ePb    07 38.60  -1.3
KDZ      1.93  92 iPd    07 45.00   1.1
                  Sg     08 11.00
DIM      2.04  80 iPd    07 47.00   1.7
                  eS     08 15.00
PVL      2.36  51 iPc    07 49.00  -1.0
                  S      08 20.00
ALN      2.56 108 ePn    07 52.10  -0.7
AGG      2.74 188 ePn    07 54.20  -1.3
JMB      2.88  74 eP     07 58.00   0.6
                  eS     08 41.00
CMP      3.87  24 ePd    08 25.00  13.5X
ISR      4.34  37 eP     08 42.00  23.9X
MLR      4.38  30 eP     08 20.50   1.8
VRI      5.00  33 eP     08 28.00   0.6
      S.D. = 1.1  on  21 of  23 obs.
-----------------------------------
&  FEB  21, 1992  19h 19m 43.13s
   34.984 N          119.113 W
   DEPTH =  14.3km
 SOUTHERN CALIFORNIA             ( 43)
      <PAS-P>. ML 3.5 (PAS), 3.4 (GS).

ABL      0.16 214 iPgd   19 46.60  -0.8
BCH      0.82 284 iPc    19 57.64  -1.1
                  iS     20 07.90
ISA      0.86  37 iPd    19 58.30  -1.0
                  eS     20 09.40
TPRS     0.99 154 P      20 01.05  -0.5
                  S      20 15.36
GFP      1.08 142 P      20 02.34  -0.7
                  S      20 17.48
SBB      1.10 105 ePc    20 03.00  -0.4
                  eS     20 17.40
DHB      1.14 148 P      20 03.30  -0.7
PAS      1.14 137 P      20 03.72  -0.3
                  S      20 19.18
MWC      1.15 131 P      20 03.74  -0.7
                  S      20 19.98
PEM      1.31 128 P      20 06.37  -0.5
                  S      20 23.87
PVPS     1.33 154 P      20 06.56  -0.6
                  S      20 25.01
PKEM     1.35 323 eP     20 06.28  -1.1
                  eS     20 24.58
PHAM     1.35 309 ePn    20 04.01  -3.5
                  ePg    20 05.75
                  S      20 25.07
PVRC     1.37 153 P      20 07.26  -0.5
                  S      20 26.50
SSK      1.40 123 eP     20 07.77  -0.6
                  iS     20 27.86
PCF      1.43 130 P      20 08.50  -0.1
CIW      1.58 163 P      20 10.77   0.0
                  S      20 31.61
CIS      1.68 159 P      20 11.96  -0.2
PRI      1.71 313 iPd    20 11.31  -1.4
PEC      1.95 123 eP     20 14.92  -1.2
                  eS     20 39.24

SNS      2.02 140 P      20 16.02  -1.0
FRI      2.06 347 iPc    20 16.75  -0.9
                  eS     20 41.76
PANV     2.16  49 P      20 18.30  -1.1
LLA      2.21 318 iPc    20 18.53  -1.3
MCA      2.23  41 P      20 18.80  -1.3
PRS      2.28 307 eP     20 18.61  -2.2
PLM      2.48 130 eP     20 22.00  -1.8
SAO      2.60 314 eP     20 23.19  -2.2
SDH      2.80  53 P      20 27.30  -1.0
YMT3     2.84  50 P      20 27.60  -1.2
JON      2.85  58 P      20 27.80  -1.2
YMT5     2.88  48 P      20 28.90  -0.6
LSM      2.90  52 P      20 28.20  -1.5
TMBR     3.01  46 P      20 30.90  -0.5
BONR     3.04  12 ePn    20 30.02  -1.8
                  iS     21 15.40
ARN      3.07 321 ePn    20 28.87  -3.1
                  iS     21 26.14
BAR      3.07 138 eP     20 30.50  -1.5
GCC      3.10 312 eP     20 30.03  -2.5
CMB      3.21 342 eP     20 34.01  -0.1
                  eS     21 10.81
TNP      3.45  26 ePn    20 35.36  -2.2
                  iPg    20 44.59
                  iS     21 30.19
GLA      4.05 117 P      20 55.31   9.4
                  iS     21 50.48
       41 obs. associated
-----------------------------------
?  FEB  21, 1992  19h 34m 07.56± 1.80s
   29.423 S ±21.5km   68.464 W ±22.8km
   DEPTH = 166.5 ± 26.0 km
 SAN JUAN PROVINCE, ARGENTINA    (137)

RTLL     1.90 180 ePd    34 42.40  -0.6
                  S      35 13.80
RTCB     2.08 188 iPc    34 44.80  -0.3
                  S      35 07.50
ZON      2.12 185 eP     34 46.00   0.4
                  eS     35 09.00
CFA      2.19 175 iPc    34 46.00  -0.3
RTBS     2.39 201 iPc    34 49.20   0.6
                  S      35 16.00
CYA      2.54  68 iP     34 50.50   0.1
                  S      35 26.00
MDZ      3.46 185 i(P)   35 04.90   2.8X
JACH     3.73 209 eP     35 07.90   2.4X
PEL      4.17 207 eP     35 12.00   0.9
                  eS     35 55.00
LCCH     4.83 213 iPd    35 18.90  -0.9
CHCH     4.87 202 eP     35 21.00   0.7
                  eS     36 13.40
CACH     5.02 201 eP     35 23.50   1.1
LNV      5.17 208 eP     35 22.70  -1.5
                  eS     36 16.00
RFA      5.33 180 iP     35 26.20  -0.3
                  (S)    36 03.00
SLA      5.37  30 e(P)   35 43.00  15.9X
      S.D. = 0.9  on  12 of  15 obs.
-----------------------------------
?  FEB  21, 1992  19h 59m 31.90± 2.73s
     6.498 S ±16.9km  147.482 E ±32.1km
   DEPTH =  66.5 ± 10.3 km
   4.7mb (  6 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

LAT      0.50 252 iPd    59 44.50  -0.1
YYYY     1.53 279 eP     00 01.70   4.0X
                  eS     00 27.70
MDG      2.10 306 eP     00 05.60   0.2
                  eS     00 43.60
PMG      2.91 186 eP     00 16.50  -0.3
                  eS     00 57.00
QIS     15.93 208 eP     03 15.00   1.6
WB2     18.47 222 iPc    03 44.10  -0.9
        0.4s    21.10nm          4.7mb
QLP     20.21 188 eP     04 03.00  -1.0
        0.4s    22.00nm          4.8mb
ASPA    21.49 216 eP     04 17.10   0.1
        0.3s    17.30nm          4.9mb
      Z  20s     0.20um          3.5Msz
                  iS     08 16.40
STK     25.85 192 eP     05 00.00   1.1
        0.8s     3.50nm          3.9mb
MRWA    37.31 229 eP     06 39.50  -0.1
        0.3s     1.00nm          4.2mb
```

```
KLB     37.34 224 iPd    06 39.30  -0.5
         0.3s      4.00nm          4.8mb
      S.D  = 1.0  on  10 of  11 obs.
-----------------------------------------
   FEB  21, 1992  20h 50m 32.54± 0.24s
   45.463 N ± 2.1km    14.328 E ± 2.2km
   DEPTH =  11.0 ±  1.8 km
 NORTHWESTERN BALKAN REGION        (383)
      MD 4.1 (LJU), 3.8 (TRI). ML 4.1
      (ZAG), 4.1 (VIE). Felt (V) at
      Rijeka and (IV) at Pivko and
      Ilirsko Bistrico, Croatia. Also
      felt at Podgorje, Croatia. Felt
      (III) at Trieste, Italy.

RIY     0.13 161 iPgd   50 35.30  -0.4
CEY     0.28  14 iPgd   50 38.00  -0.6
                 iSg    50 40.80
TRI     0.47 302 iPgc   50 41.50  -0.6
                 iSg    50 49.70
LJU     0.60  14 iPgd   50 44.10  -0.4
                 iSg    50 53.20
VOY     0.65 332 iPgc   50 44.60  -0.8
                 eSg    50 54.80
VBY     0.65  86 ePgd   50 43.80  -1.7
ZAG     1.21  72 iPg    50 56.00   1.0
                 iSg    51 11.10
PTJ     1.22  68 iPgc   50 55.20  -0.1
                 iSg    51 11.60
VVI     1.43 292 Pd     51 00.20   1.8
                 eSg    51 18.80
FVI     1.56 317 P      51 02.00   1.8
                 eSg    51 21.30
KBA     1.75 337 iPgd   51 04.90   1.7
                 iSg    51 26.30
CTI     1.96 288 Pc     51 07.20   1.0
                 eSg    51 33.00
ARV     2.20 207 Pd     51 10.00   0.5
                 eSg    51 39.00
SFI     2.34 230 P      51 11.90   0.4
                 eSn    51 41.30
PGD     2.44 230 P      51 13.50   0.4
                 eSn    51 42.50
BHG     2.47 337 iPnc   51 15.80   2.4X
CRE     2.50 224 Pc     51 14.80   0.9
                 eSn    51 44.70
KMR     2.60 357 ePn    51 16.00   0.8
                 iPg    51 21.80
                 iSg    51 56.70
ASS     2.67 207 P      51 16.70   0.3
                 eSn    51 49.30
SAL     2.68 274 P      51 17.50   1.2
OGA     2.69 303 iPnc   51 18.10   1.4
HVAR    2.74 146 iPn    51 17.80   0.5
                 iSn    51 51.90
                 iSg    52 01.50
FIR     2.77 234 ePg    51 25.00   7.5X
                 iSg    51 52.00
SOTA    2.79 310 iPnc   51 20.00   2.0
                 iPg    51 23.20
                 iSg    51 57.00
MME     2.88 245 P      51 19.90   0.5
BDI     3.00 244 P      51 21.20   0.2
                 eSn    51 56.70
VKA     3.12  25 iPgd   51 22.80   0.3
                 iSg    51 59.30
OSS     3.16 294 ePd    51 24.90   1.6
UZD     3.17  68 ePn    51 30.50   7.2X
AQU     3.18 192 P      51 23.80   0.3
PII     3.23 239 P      51 24.30   0.2
                 eSn    52 01.50
MDI     3.25 277 P      51 24.70   0.2
MNS     3.30 202 P      51 25.20   0.0
                 eSn    52 04.80
ZST     3.33  34 iPn    51 25.20  -0.4
                 i      51 38.40
                 i      51 41.90
                 i      52 03.70
                 e      52 08.60
                 i      52 21.00
                 Lg     52 27.00
FUR     3.42 323 ePn    51 28.40   1.5
BOB     3.52 260 P      51 28.80   0.4
AZI     3.53 191 P      51 29.00   0.6
VDL     3.54 289 ePd    51 30.20   1.5
SRO     3.61  48 eP     51 24.20  -5.4X
                 i      51 41.80
                 i      52 10.80
                 Lg     52 30.80
KHC     3.71 352 iPn    51 31.10   0.1
                 e      51 33.20
                 e      51 48.30
                 Sn     52 15.50
                 Sg     52 31.70
SDI     3.77 186 P      51 33.60   1.6
WET     3.81 346 ePn    51 32.40  -0.1
TMA     3.87 282 ePd    51 33.90   0.5
RDP     3.88 198 P      51 33.00  -0.5
VAI     3.92 278 Pd     51 33.80   0.0
BEO     4.38  96 ePn    51 53.50  13.0X
         1.0s      0.20nm
                 e(Sn)  52 53.50
CKI     4.42 259 P      51 41.90   0.9
ORO     4.46 274 P      51 39.70  -2.0
                 eSn    52 31.00
MMK     4.49 280 ePd    51 41.20  -1.1
PRU     4.53   2 iPn    51 41.60  -1.0
         0.6s     35.10nm
                 Pg     51 59.60
                 e      52 12.90
                 Sn     52 32.90
                 Sg     52 55.40
PSZ     4.55  55 ePn    51 43.00   0.0
ZLA     4.57 298 ePd    51 43.30   0.0
SLE     4.63 302 ePd    51 43.80  -0.3
GRF     4.72 335 ePn    51 46.40   1.0
                 ePg    52 02.70
                 eSn    52 39.70
                 e(Sg)  52 55.80
PGF     4.82 235 Pn     51 45.70  -1.2
                 Sn     52 37.70
DIX     4.88 280 ePd    51 47.00  -0.8
SGO     4.95 171 P      51 49.00   0.4
SDA     5.09 131 ePn    51 42.70  -7.8X
DOI     5.12 262 P      51 51.30   0.3
HOF     5.13 342 ePn    51 50.20  -0.8
SBF     5.17 254 Pn     51 50.30  -1.4
                 Sn     52 45.20
BCI     5.17 125 ePn    52 01.40   9.7X
EMS     5.21 279 ePd    51 52.70   0.3
LPG     5.33 273 Pn     51 53.40  -0.8
                 Sn     52 54.50
LPL     5.34 273 Pn     51 53.50  -0.8
BNI     5.42 268 P      51 54.20  -1.1
BRG     5.42 357 iPn    51 55.00  -0.2
                 i      52 54.00
                 i      53 26.00
LACI    5.47 132 ePn    51 57.80   1.9
KSP     5.54  13 iPn    51 56.20  -0.7
         1.0s     46.00nm          5.1mb X
                 ePg    52 14.00
                 eS     52 49.50
                 i      53 33.00
KKS     5.56 125 ePn    51 59.50   2.4X
CDF     5.66 304 Pn     51 57.60  -1.1
                 Sn     53 00.10
BSF     5.70 297 Pn     51 58.30  -1.0
                 Sn     53 01.80
TIR     5.76 134 ePn    52 01.20   1.2
FRF     5.81 254 Pn     51 59.90  -0.8
                 Sn     53 02.10
PHP     5.83 128 ePn    52 01.30   0.4
CLL     5.92 352 iPn    52 01.50  -0.6
                 eSn    53 09.00
                 iSg    53 38.90
LMR     5.99 252 Pn     52 01.30  -1.9X
                 Sn     53 05.60
HAU     6.05 298 Pn     52 02.90  -1.1X
                 Sn     53 09.80
LRG     6.05 253 Pn     52 02.50  -1.4X
TNS     6.19 322 iPnc   52 09.50   3.4X
SKO     6.22 122 ePn    52 06.80   0.3
         1.5s    105.00nm          5.4mb X
                 i(Sn)  53 42.30
                 iSg    53 56.70
                 Lg     54 09.50
CDR     6.37 257 ePn    52 09.30   0.7
                 e      52 09.70
                 e      52 40.20
                 eSn    53 16.80
                 e      53 17.20
OHR     6.42 130 ePn    52 08.20  -1.1
TPE     6.64 139 ePn    52 11.60  -0.8
SSB     6.90 272 Pn     52 13.89  -2.1X
BNS     7.29 322 iPnc   52 21.80   0.4
                 iSn    53 38.90
VAY     7.29 122 ePn    52 23.60   2.1X
LBF     7.34 286 Pn     52 20.80  -1.4X
SMF     7.39 283 Pn     52 21.20  -1.7X
                 Sn     53 43.00
LOR     7.46 288 Pn     52 22.40  -1.6X
MEM     7.59 316 iP     52 25.30  -0.3
                 iS     53 50.80
SSF     7.67 286 Pn     52 25.40  -1.4X
AVF     7.74 284 Pn     52 26.20  -1.6X
DOU     8.03 309 iP     52 31.80   0.0
BGF     8.07 282 Pn     52 30.10  -2.3X
MAF     8.25 279 Pn     52 32.80  -2.1X
TCF     8.50 280 Pn     52 36.20  -2.2X
CAF     8.68 271 Pn     52 38.90  -2.0X
      S.D. = 0.9  on  75 of  98 obs.
-----------------------------------------
&  FEB  21, 1992  21h 02m 37.72s
   57.444 N          156.242 W
   DEPTH =   6.3km
 ALASKA PENINSULA                   ( 12)
      <AEIC>. ML 3.2 (AEIC).

MCNL    2.02  29 eP     03 10.30  -2.3
                 eS     03 35.65
BGM     2.03  15 eP     03 11.52  -1.3
CDD     2.03  42 eP     03 10.06  -2.8
KDC     2.04  80 P      03 11.80  -1.1
SYI     2.36  59 eP     03 15.89  -1.6
PDB     2.58  24 eP     03 18.16  -2.6
                 eS     03 50.63
CNPM    3.36  49 eP     03 29.28  -2.5
REF     3.56  29 eP     03 33.04  -1.7
DFR     3.65  29 eP     03 34.95  -1.1
RDT     3.71  31 eP     03 34.19  -2.7
BGL     4.31  26 eP     03 43.40  -1.9
SPU     4.32  28 eP     03 42.18  -3.3
SLKM    4.38  43 eP     03 43.44  -2.8
SEW     4.43  50 eP     03 43.45  -3.4
CGLM    4.44  27 eP     03 45.37  -1.8
SUA     4.91  33 eP     03 50.22  -3.7
KLU     6.64  48 eP     04 12.08  -6.2
BALM    7.98  57 eP     04 29.67  -7.3
      18 obs. associated
-----------------------------------------
*  FEB  21, 1992  21h 07m 43.20± 1.94s
   23.371 N ±10.8km  121.855 E ±16.5km
   DEPTH =  51.6 ± 18.1 km
   4.2mb ( 11 obs.)  3.6Msz (  1 obs.)
 TAIWAN                             (244)

TATO    1.63 348 iP     08 11.50   1.5
                 eS     08 34.10
QZH     3.37 298 Pg     08 31.50  -3.1X
HKC     7.17 263 ePc    09 18.20  -9.8X
SSE     7.72 356 P      09 33.80  -1.8
         1.0s      7.00nm          4.4mb
      Z  16s      0.40um          4.2Msz
                 S      11 01.40
GZH     7.83 270 P      09 33.30  -3.9X
                 eS     10 50.40
NJ2     9.05 344 Pc     09 51.50  -2.4
QIZ    12.01 251 eP     10 40.80   6.6X
                 eS     12 44.20
BJI    17.30 345 eP     11 44.50   1.9
HHC    19.46 336 eP     12 10.00   1.4
BTO    19.86 333 eP     12 12.60  -0.3
LZH    20.09 313 eP     12 19.00   3.6X
         1.5s     20.00nm          4.2mb
      Z  20s      0.30um          3.6Msz
      E  13s      0.28um
                 pP     12 31.50  57kmX
                 sP     12 35.00
CHG    21.84 262 eP     12 33.00  -0.1
CHTO   21.84 262 eP     12 32.50  -0.6
GTA    24.59 316 eP     13 02.00   2.0
         1.0s      6.00nm          4.1mb
                 pP     13 06.20  15kmX
GUN    32.67 286 P      14 00.00 -13.1X
WRA    44.74 163 P      15 53.50   0.1
         0.5s      1.40nm          4.0mb
WB2    44.74 163 eP     15 53.40   0.0
         0.5s      2.40nm          4.3mb
ASPA   48.20 165 eP     16 21.10   0.4
         1.0s      4.30nm          4.4mb
KAF    72.16 331 eP     19 03.30  -0.8
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        0.5s      1.80nm          4.3mb
HFS     78.57 331 ePKP   19 40.00  -0.5
        0.5s      1.40nm          4.2mb
NB2     79.23 332 P      19 43.40  -0.8
        0 5s      1.10nm          4.0mb
YKA     83.48  23 eP     20 07.00   0.6
        0 8s      0.70nm          3.7mb
GEC2    83.86 321 ePd    20 08.00  -0.7
        0.6s      1.27nm          4.1mb
      S.D. = 1.4  on  17 of  23 obs.
-------------------------------------
?  FEB  21, 1992  21h 29m 57.55± 4.21s
   18.497 N ±27.3km   65.929 W ±17.0km
   DEPTH =  10.0km  (geophysicist)
 PUERTO RICO REGION                ( 90)

LPR     0.20 163 iP      30 01.90   0.0
                 S       30 17.70
SJG     0.44 209 iP      30 06.30  -0.2
CLLP    0.74 236 iP      30 12.60   0.5
                 S       30 26.00
PORP    0.80 237 iP      30 13.30   0.1
MEP     1.06 251 iP      30 17.50   0.0
MGP     1.21 246 iP      30 19.50  -0.5
      S.D. = 0.4  on   6 of   6 obs.
-------------------------------------
   FEB  21, 1992  22h 09m 55.04± 0.65s
   13.969 N ± 5.9km   92.216 W ± 3.7km
   DEPTH =  55.0 ±  4.9 km
   4.9mb ( 45 obs.)
 OFF COAST OF CHIAPAS, MEXICO      ( 68)
      Mo=1.3*10**18 Nm (PPT).
      CENTROID, MOMENT TENSOR      (HRV)
      Doto Used: GDSN
      L.P.B.: 29S, 62C
      Centroid Location:
      Origin Time        22:09:52.9 0.3
      Lot 13.57N 0.03 Lon  92.49W 0.03
      Dep  16.3 1.6 Half-durotion  2.9
      Moment Tensor;    Scole 10**17 Nm
        Mrr= 3.19 0.11   Mtt=-2.28 0.13
        Mff=-0.91 0.18   Mrt= 3.54 0.53
        Mrf=-2.35 0.36   Mtf= 0.97 0.10
       Principol Axes:
        T  Val=  5.41   Plg=62  Azm= 36
        N       -0.43       2       302
        P       -4.98      27       210
      Best Double Couple:Mo=5.2*10**17
       NP1:Strike=294 Dip=18 Slip=  82
       NP2:       122      72       92

TPX     0.93 357 iP      10 12.00  -0.1
                 iS      10 32.00
FGO     1.42  70 ePc     10 18.81  -0.2
TER     1.52  77 eP      10 20.41   0.0
BVA     1.68  65 eP      10 23.73   1.0
IXG     1.72  83 iP      10 21.53  -1.7
GCG     1.74  69 eP      10 24.61   1.0
                 eS      10 53.79
RDG     1.98  58 eP      10 28.72   1.8
SLP     2.03  67 ePc     10 29.15   1.6
                 iS      11 00.11
YUP     2.35  84 eP      10 31.95  -0.2
MRL     2.68  66 ePc     10 37.65   0.9
                 eS      11 12.82
PBJ     3.94 309 (P)     10 47.00  -7.4X
OXX     5.33 306 iP      11 10.70  -3.6X
                 (S)     12 18.00
LVVM    7.02 325 iP      11 32.91  -4.8X
IISM    7.03 316 iP      11 40.50   2.7X
IIT     7.70 312 iP      11 46.83  -0.6
ACX     7.91 292 iP      11 47.46  -2.6X
PPM     7.97 310 eP      11 50.20  -1.1
                 (S)     13 41.73
IIA     8.04 311 eP      11 49.79  -2.0
III     8.23 303 iP      11 52.24  -2.4
UNM     8.54 310 (P)     12 04.00   5.0X
TAC     8.60 310 (P)     12 04.00   4.2X
MRX    10.31 305 iP      12 21.72  -1.3
COLM   12.16 297 eP      12 43.50  -4.5X
CGX    12.18 299 (P)     12 49.36   0.9
AGX    12.40 311 (P)     12 53.00   1.8
UPA    13.38 110 iP+     13 03.20  -0.9
      Z  18s    11.68um
                 i       16 24.00
PSO    19.45 129 eP      14 22.00   1.5
FUO    20.06 113 eP      14 25.00  -2.0
BOG    20.16 116 iPc     14 30.00   2.0
                 iS      18 20.00
PWLA   21.25   9 (P)     14 37.76  -0.9
OLY    21.45   2 eP      14 40.25  -0.4
MEO    21.51 346 iPd     14 40.00  -1.3
SDV    21.74 101 eP      14 42.60  -1.3
HBF    21.75  28 eP      14 42.64  -0.9
PRM    21.93  22 eP      14 45.68   0.3
TUL    22.08 352 e(P)    14 49.10   2.2
        0.2s      5.90nm          4.7mb
                 eS      19 00.00
                 LR      21 19.00
LNO    22.09 352 e(P)    14 49.20   2.4
GRT    22.34   6 (P)     14 49.95   0.5
JSC    22.53  24 eP      14 50.70  -0.6
LST    22.57   5 (P)     14 50.91  -0.8
GBTN   22.77  17 eP      14 53.61  -0.1
LHS    22.88  25 eP      14 54.36  -0.4
TKL    22.89  18 eP      14 55.21   0.3
FVM    23.97   3 eP      15 04.38  -1.0
        0.6s     41.00nm          5.1mb
ALQ    24.52 331 eP      15 12.41   1.5
        1.2s     61.51nm          5.0mb
                 epP     15 22.81  39kmX
NAV    25.39  22 eP      15 17.92  -1.0
CBN    27.50  26 eP      15 38.00  -0.2
MCWV   27.81  21 P       15 50.00   9.0X
      Z  18s    14.32um          5.6Msz
GLA    28.01 317 eP      15 42.50  -0.5
                 epP     15 53.10  39kmX
GOL    28.12 338 eP      15 43.14  -1.0
        1.0s     12.76nm          4.5mb
      Z  10s     0.71um          4.5MszX
CLE    28.95  17 iP      15 50.40  -0.9
BAR    29.05 314 eP      15 53.00   0.6
TPC    29.46 317 eP      15 57.00   1.0
PLM    29.57 315 eP      15 56.06  -1.1
SRU    29.80 331 eP      15 58.96  -0.2
NNA    29.95 149 eP      16 00.00  -0.5
        0.7s      5.48nm          4.4mb
                 eS      21 00.00
PEC    30.08 316 eP      16 01.17  -0.4
        2.0s    119.27nm          5.3mb
MSU    30.16 328 eP      16 02.26  -0.2
RVR    30.28 316 eP      16 04.00   0.7
ARUT   30.31 325 eP      16 03.82   0.2
EMUT   30.49 331 eP      16 05.93   0.6
SSK    30.62 316 (P)     16 07.08   0.6
LVNJ   30.78  26 iP      16 06.63  -0.9
MWC    30.88 315 eP      16 10.00   1.3
SBB    30.99 316 eP      16 09.00  -0.5
DAU    31.17 331 eP      16 11.29  -0.1
CLC    31.50 318 eP      16 15.00   1.0
DUG    31.76 329 eP      16 17.32   1.0
        1.9s    132.35nm          5.4mb
ISA    31.98 317 eP      16 20.00   1.7
ABL    32.02 315 (P)     16 16.46  -2.4
TNP    32.69 322 eP      16 24.93   0.4
        1.6s     66.40nm          5.2mb
BCH    32.80 315 eP      16 25.48   0.1
HVU    32.96 331 eP      16 26.79   0.0
BONR   33.26 321 iP      16 30.00   0.3
PHAM   33.37 316 (P)     16 29.95  -0.3
PTI    33.63 333 eP      16 33.63   1.0
PRI    33.72 316 ePc     16 33.00  -0.4
KVN    33.84 322 iP      16 35.85   1.3
RSNY   34.00  23 P       16 40.00   4.4X
CMB    34.62 319 eP      16 40.50  -0.5
HPI    34.62 333 eP      16 41.78   0.5
ARN    34.97 317 iP      16 43.50  -0.5
MHC    35.04 317 eP      16 46.80   2.1
                 e(PP)   18 26.20
                 eS      22 25.20
                 eLQ     26 38.00
                 eLR     30 04.00
BRK    35.74 317 ePc     16 36.00 -14.5X
      Z  20s     9.00um          5.5Msz
LRM    36.06 336 ePd     16 54.10   0.7
ORV    36.22 320 eP      16 55.17   0.6
ARE    36.52 145 eP      17 02.00   4.4X
LP8    38.55 141 P       17 26.00  11.2X
      Z  15s     7.33um          5.6MszX
                 S       23 23.00
                 LR      29 30.00
SES    39.43 341 eP      17 22.00   0.6
        1.8s    180.00nm          5.6mb
                 pP      17 32.00  34kmX
DPW    40.10 333 eP      17 27.39   0.4
LON    41.01 329 eP      17 35.32   1.0
FFC    41.38 351 eP      17 37.00  -0.2
        0.7s     10.00nm          4.7mb
PNT    41.81 333 eP      17 42.00   1.2
        0.9s     92.00nm          5.5mb
ANT    43.09 150 eP      17 30.00 -21.5X
RTLL   50.48 153 e(P)    18 45.00  -4.7X
YKA    51.01 347 eP      18 52.20  -1.0
        0.7s     33.00nm          5.5mb
RFA    53.46 156 ePc     19 10.60  -1.4
SIT    53.97 333 P       19 30.00  14.7X
      Z  17s     4.09um          5.5MszX
LPA    58.49 147 eP-     19 44.00  -3.9X
      Z  20s     4.26um          5.6Msz
                 ePP     21 54.00
PDCR   58.83 114 eP      19 52.80   2.1
BALM   59.17 334 eP      19 51.08  -1.5
RDJ    60.35 127 eP      20 09.20   8.2X
                 i       28 17.20
INK    60.41 344 eP      20 00.00  -0.7
        0.8s     54.00nm          5.7mb
                 pP      20 19.50  76kmX
KLU    60.91 334 eP      20 03.87  -0.5
PMR    62.35 333 eP      20 14.62   0.7
        1.6s    140.21nm          5.8mb
      Z  18s     2.32um          5.4Msz
SLKM   62.42 332 eP      20 13.89  -0.6
HON    62.74 287 P       20 20.00   2.9X
      Z  18s     2.75um          5.5Msz
RND    62.97 335 iP      20 16.87  -1.2
FBA    63.19 337 eP      20 17.47  -2.0
        0.8s     58.96nm          5.7mb
RSO    63.58 331 eP      20 22.12  -0.2
MBC    63.92 353 eP      20 24.00  -0.1
        0.9s     9.00nm          4.8mb
PDB    64.05 330 eP      20 26.55   1.4
SVW    65.12 331 (P)     20 32.64   0.5
        1.2s     55.46nm          5.4mb
IMA    65.91 337 eP      20 37.33   0.1
        1.1s     16.61nm          5.0mb
BRW    68.80 342 eP      20 56.95   1.8
EKA    78.11  36 Pd      21 49.20  -0.4
        0.7s     18.00nm          5.2mb
LPF    80.54  43 eP      22 01.90  -1.0
        0.8s     12.10nm          4.9mb
GRR    80.59  42 eP      22 02.20  -1.0
        0.8s     21.50nm          5.1mb
FLN    80.77  42 eP      22 03.10  -1.0
        0.6s     11.70nm          5.0mb
LDF    81.04  42 eP      22 04.90  -0.6
        0.7s      9.90nm          4.9mb
MFF    81.40  44 eP      22 06.50  -0.9
        0.8s      5.35nm          4.6mb
LFF    82.34  46 eP      22 11.60  -0.8
        0.6s      5.40nm          4.7mb
RJF    82.80  45 eP      22 13.70  -1.1
        0.6s      3.60nm          4.6mb
      Z  20s     4.50um          5.8Msz
TCF    83.06  44 eP      22 14.80  -1.3
        0.6s      2.70nm          4.4mb
CAF    83.26  46 eP      22 16.70  -0.5
        0.7s      5.50nm          4.7mb
MAF    83.31  44 eP      22 16.30  -1.1
        0.7s      4.40nm          4.6mb
BGF    83.43  44 eP      22 16.90  -1.1
        0.8s     10.75nm          4.9mb
AVF    83.71  43 eP      22 18.20  -1.2
        1.0s      9.00nm          4.7mb
DOU    83.72  40 P       22 19.80   0.4
SSF    83.75  43 eP      22 18.50  -1.1
        0.8s      9.40nm          4.9mb
LOR    83.93  43 eP      22 19.80  -0.7
        0.8s     10.75nm          4.9mb
      Z  18s     5.00um          5.9Msz
SMF    84.07  44 eP      22 19.70  -1.5
        0.6s      4.50nm          4.7mb
LBF    84.08  43 eP      22 19.90  -1.4
        0.6s      2.70nm          4.5mb
NB2    84.27  28 P       22 24.20   2.2
        1.1s     15.30nm          5.0mb
ENN    84.38  39 eP      22 23.00   0.4
        1.0s     11.00nm          4.9mb
MEM    84.47  39 P       22 23.60   0.6
HAU    85.37  42 eP      22 27.10  -0.6
        0.8s     12.10nm          5.1mb
      Z  18s     4.75um          5.9Msz
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APO     85.70  28 eP     22 29.70   0.7
        0.6s     2.60nm           4.6mb
BSF     85.71  42 eP     22 28.60  -0.9
        0.6s     5.40nm           4.9mb
TIC     85.71  84 P      22 30.76   0.7
        1.2s    20.50nm           5.2mb
LIC     85.80  85 P      22 31.28   0.8
        1.1s    26.00nm           5.3mb
      Z  22s     0.70um           5.0Msz
CDF     85.86  41 eP     22 29.90  -0.3
        0.6s     3.60nm           4.7mb
KIC     86.05  84 P      22 32.52   0.8
        1.4s    45.50nm           5.5mb
GRF     87.94  39 ePc    22 42.20   2.0
      Z  20s     2.00um           5.5Msz
                   e(pP) 22 53.30  35kmX
CLL     88.47  37 eP     22 43.00   0.3
BRG     89.18  37 eP     22 46.50   0.4
                   e     33 28.00
KHC     89.58  39 eP     22 50.00   1.9
      Z  20s     3.50um           5.8Msz
      N  20s     1.00um
      E  20s     2.50um
GEC2    89.76  39 PKP    22 49.30   0.3
        0.9s     2.02nm           4.4mb
PJG    117.19 293 e(Pdif24 55.70   2.9X
BUL    123.34 105 ePKP  28 51.60   3.1X
GAR    124.84  17 ePKP  28 52.00   1.2
LZH    127.95 343 ePKP  28 58.00   1.0
      Z  22s     2.75um           5.9Msz
      N  18s     2.69um
                   sPKP  29 06.00
                   ePP   31 16.00
                   ePKS  32 38.00
                   eSKS  36 08.00
                   SKKS  38 02.00
                   eSS   48 34.00
WB2    135.17 256 ePKP  29 10.90   0.0
        1.0s     2.20nm
WRA    135.18 256 PKP   29 10.90  -0.1
        0.7s     0.60nm
HKC    135.63 324 ePKPc 29 22.00  10.3X
NDI    136.39  14 ePKP  29 15.00   2.0
                   iPP   31 54.00
GUN    138.33   3 PKP   29 00.00 -17.2X
POO    144.91  23 iPKPc 29 26.20  -2.3
CHG    145.62 341 ePKP  29 29.00  -0.7
        1.5s   125.00nm
LOE    145.92 336 ePKP  29 30.50   0.3
BDT    147.07 340 ePKP  29 34.00   2.0
        1.0s    55.20nm
HYB    147.51  17 ePKPc 29 35.50   2.7X
        1.0s    50.00nm
NST    148.12 337 ePKP  29 41.00   7.3X
KHT    149.50 339 ePKP  29 40.50   4.6X
KOD    153.87  24 ePKP  29 53.50  10.8X
     S.D. = 1.1  on 138 of 165 obs.
-----------------------------------
   FEB  21, 1992  22h 11m 43.28± 0.48s
   47.333 N ± 4.3km    6.981 E ± 5.2km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                            (538)

BSF      0.52 346 Pg     11 53.50  -0.2
                  Sg     12 03.30
                  Sn     12 07.00
HAU      0.80 328 Pg     11 58.50  -0.3
                  Sn     12 11.00
FEL      0.88  52 ePg    12 00.67   0.3
ZLA      0.97  81 ePd    12 02.10   0.4
CDF      1.10  10 Pn     12 03.80  -0.2
                  Sg     12 20.80
SLE      1.11  67 ePc    12 03.80  -0.4
EMS      1.26 182 ePc    12 04.90  -2.0
DIX      1.29 167 ePc    12 06.90  -0.4
MMK      1.45 152 ePd    12 09.50  -0.3
LPL      1.83 186 Pg     12 16.80   1.6
LPG      1.84 185 Pg     12 16.60   1.1
LBF      2.08 261 Pg     12 18.80   0.1
                  Sg     12 44.20
LOR      2.13 269 Pg     12 20.70   1.4
                  Sg     12 46.50
SMF      2.26 253 Pn     12 19.80  -1.4
                  Pg     12 24.50
                  Sg     12 49.40
     S.D. = 1.1  on  14 of  14 obs.
-----------------------------------
   FEB  21, 1992  22h 39m 33.90± 1.90s
   36.280 N ± 8.7km   22.771 E ± 4.9km
   DEPTH =  23.0 ± 12.9 km
   4.1mb ( 12 obs.)
 SOUTHERN GREECE                   (368)
      MD 3.7 (ATH), 3.6 (THE).

VLI      0.46  17 iPbc   39 42.50  -0.8
AGG      2.76 353 ePn    40 19.70   2.0
LIT      3.82 357 ePn    40 33.80   1.1
LSK      4.22 337 ePn    40 45.70   7.2X
THE      4.35   2 ePn    40 41.31   1.2
TPE      4.56 332 ePn    40 43.50   0.3
SRS      4.87   7 ePn    40 49.00   1.4
KNT      4.88   1 ePn    40 48.30   0.7
VAY      5.04 358 iPn    40 51.60   1.7
OHR      5.06 343 iPn    40 53.00   2.6X
ALN      5.28  28 ePn    40 54.50   1.2
LCI      5.54 318 P      40 56.50  -0.6
TIR      5.54 337 ePn    41 05.50   8.4X
PHP      5.70 342 ePn    41 01.40   2.2
SKO      5.78 350 ePn    40 59.00  -1.4
LACI     5.86 337 ePn    41 06.20   4.8X
ROI      5.90 306 P      41 02.10  -0.1
CZI      6.02 301 P      41 03.60  -0.2
KKS      6.07 343 ePn    41 13.00   8.5X
TDS      6.10 306 P      41 04.80  -0.1
ATN      6.13 290 P      41 03.00  -2.3
CSI      6.19 306 P      41 04.90  -1.4
ORI      6.25 309 P      41 07.40   0.3
SDA      6.27 337 ePn    41 08.00   0.8
BRT      6.33 318 P      41 08.30   0.1
BCI      6.43 342 ePn    41 11.00   1.5
MGR      6.86 306 P      41 16.10   0.4
DUI      8.41 312 P      41 38.70   1.3
SDI      8.83 311 P      41 43.20   0.1
ISR      9.30  17 eP     41 47.50  -2.1
MLR      9.51  14 eP     41 49.50  -3.1X
CVO      9.87  14 eP     41 56.00  -1.5
MNS      9.91 311 P      41 57.50  -0.5
VRI     10.03  16 eP     42 05.50   5.8X
ASS     10.32 314 P      42 05.00   1.3
ARV     10.43 317 P      42 04.50  -0.7
VBY     10.82 331 ePn    42 08.50  -1.9
                  eSn    44 08.30
PTJ     10.89 334 e(P)   42 09.60  -1.9
RIY     11.05 328 iPgd   42 21.10   7.5X
                  iSg    42 23.20
CRE     11.07 315 P      42 15.00   1.0
SFI     11.31 316 P      42 17.50   0.4
CEY     11.35 329 e(Pn)  42 22.00   4.3X
                  e(Sn)  44 27.00
VOY     11.81 328 e(Pn)  42 21.90  -2.1
                  eSn    44 31.90
FVI     12.73 327 P      42 35.00  -1.1
CTI     12.85 323 P      42 38.30   0.4
KBA     12.87 330 e(P)   42 36.00  -2.3
                  e(S)   44 59.00
KHC     14.50 335 Pc     43 07.70   8.2X
        0.9s     5.00nm           4.1mb
                  e      43 13.10
PRU     14.95 339 Pc     43 12.00   6.7X
                  e      43 16.60
                  e      43 23.70
GRF     15.82 332 eP     43 21.40   4.8X
BRG     15.91 339 e(P)   43 25.00   7.2X
BSF     16.52 319 eP     43 25.60  -0.1
        0.8s     5.35nm           3.7mb
CLL     16.57 338 eP     43 29.00   2.8X
        1.3s    15.00nm           4.0mb
LBF     17.61 313 eP     43 40.80   1.5
        0.6s     3.60nm           3.7mb
DOU     19.07 322 P      43 58.70   1.6
MFF     19.97 308 eP     44 08.80   1.5
        0.7s     4.40nm           3.9mb
LDF     20.81 313 eP     44 15.90  -0.1
        0.6s     6.30nm           4.2mb
FLN     21.10 313 eP     44 18.90   0.0
        0.6s     8.10nm           4.3mb
LPF     21.11 311 eP     44 18.90  -0.1
        0.8s    10.75nm           4.3mb
GRR     21.15 312 eP     44 18.60  -0.9
        0.8s     6.70nm           4.1mb
TOL     21.39 288 eP     44 22.00   0.0
UPP     23.83 354 iP     44 45.50  -0.3
NUR     24.28   2 iP     44 49.70  -0.4
        0.9s    18.10nm           4.6mb X
HFS     24.58 349 eP     44 52.50  -0.6
        0.4s     9.20nm           4.7mb X
      Z  21s     2.73um           4.7MszX
                  LR     54 58.00
NB2     25.85 347 P      45 04.70  -0.4
        0.7s     3.50nm           4.1mb
KAF     25.95   4 eP     45 04.60  -1.4
        0.9s     7.90nm           4.4mb
EKA     26.01 325 P      45 08.00   1.4
        1.2s    19.10nm           4.6mb X
BCAO    31.93 188 iPc    46 02.10   2.0
        0.6s     6.00nm           4.7mb X
GKN     52.26  80 P      48 45.60  -0.2
DMN     52.81  81 P      48 49.90  -0.2
KKN     52.87  80 P      48 49.60  -0.8
PKI     53.06  81 P      48 52.00   0.0
GUN     53.29  80 P      48 53.40  -0.3
YKA     75.78 341 eP     51 18.80  -0.4
        0.6s     1.10nm           4.1mb
     S.D. = 1.2  on  59 of  73 obs.
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?  FEB  21, 1992  23h 01m 30.26± 5.76s
   51.875 N ±40.5km    7.045 E ±25.2km
   DEPTH =  10.0km  (geophysicist)
 GERMANY                           (543)
      ML 2.0 (BNS). MD 2.4 (UCC).

BNS      0.92 175 iPgd   01 47.60  -0.2
        1.1s    81.00nm
                  iSg    01 56.90
ENN      1.31 213 iPg    01 54.40  -0.1
        0.4s    19.00nm
                  eSg    02 09.00
MEM      1.43 208 iPd    01 56.17   0.0
                  iS     02 12.06
SNF      2.21 233 iPd    02 08.40   0.9
DOU      2.36 222 iP     02 12.40   2.8X
                  iS     02 36.90
CDF      3.47 177 Pn     02 25.60   0.1
LOR      5.06 205 Pn     02 46.40  -1.5X
SSF      5.34 207 Pn     02 50.10  -1.8X
AVF      5.63 207 Pn     02 53.40  -2.6X
SMF      5.64 203 Pn     02 54.00  -2.1X
LDF      5.65 237 Pn     02 55.60  -0.7X
FLN      5.74 240 Pn     02 57.20  -0.3X
                  Sn     03 59.40
BGF      5.99 209 Pn     02 59.00  -2.0X
                  Sn     04 02.70
GRR      6.16 239 Pn     03 02.60  -0.9
                  Sn     04 06.50
LPF      6.48 237 Pn     03 06.60  -1.4X
     S.D. = 0.7  on   6 of  15 obs.
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*  FEB  21, 1992  23h 37m 37.83± 0.75s
   28.022 S ±11.6km   66.7B0 W ±14.0km
   DEPTH = 1B0.8 ± 13.8 km
 CATAMARCA PROVINCE, ARGENTINA    (130)

CYA      0.97 116 i(P)   38 05.00  -0.7
SLA      3.48  20 eP     38 33.00  -0.1
RTLL     3.61 204 iPd    38 35.90   1.3
                  S      38 49.60
CFA      3.79 199 iPc    38 37.20   0.3
                  S      39 21.50
RTCB     3.87 206 iPc    38 38.50   0.5
                  S      39 24.50
ZON      3.88 205 eP     38 38.00  -0.1
                  eS     39 23.00
RTBS     4.31 212 eP     38 44.50   1.1
                  S      39 36.00
JACH     5.69 214 iPd    39 02.70   1.0
                  iS     40 08.50
PEL      6.11 212 eP     39 12.00   4.8X
                  iS     40 15.70
ROCH     6.14 215 eP     39 06.60  -1.0
                  eS     40 15.20
TACH     6.65 211 eP     39 12.80  -1.4
                  eS     40 28.00
CHCH     6.76 208 iPc    39 15.60  -0.1
                  iS     40 31.20
LCCH     6.82 216 iPc    39 16.00  -0.4
RFA      6.88 192 eP     39 16.70  -0.6
                  S      40 22.40
CACH     6.90 207 eP     39 17.50  -0.1
                  iS     40 34.70
LNV      7.12 213 iPc    39 17.10  -3.3X
                  iS     40 35.50
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21d 23h

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PPD     15.23  70 eP     41 05.40   0.5
     S.D. = 0.9  on  15 of  17 obs.
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&  FEB  22, 1992  00h 29m 55.06s
   36.031 N            117.896 W
   DEPTH =   2.8km
 CALIFORNIA-NEVADA BORDER REGION ( 40)
      <PAS-P>. ML 2.8 (PAS), 2.6 (GS).

PANV    0.74  60 P      30 08.90  -1.0
MCA     0.79  39 P      30 09.60  -1.3
QSM     0.B4  94 P      30 10.60  -1.1
SGV     1.18  36 P      30 17.50  -0.3
LCH     1.22   9 P      30 17.30  -1.2
PPK     1.39 360 P      30 20.50  -1.0
SDH     1.40  64 P      30 20.60  -1.0
YMT3    1.41  57 P      30 20.90  -0.9
MGM     1.44  13 P      30 21.50  -0.8
YMT5    1.45  53 P      30 21.70  -0.6
YMT6    1.46  55 P      30 21.60  -0.9
LSM     1.49  61 P      30 22.00  -0.9
JON     1.51  74 P      30 22.10  -1.0
TMBR    1.58  50 P      30 23.40  -0.8
ABL     1.60 223 eP     30 24.41  -0.1
SVP     1.68   3 P      30 25.60  -0.2
SSK     1.82 175 ePn    30 27.79   0.0
                 iS     30 52.32
BCH     1.97 245 ePn    30 29.88   0.0
PHAM    2.04 265 (P)    30 31.86   1.1
                 eS     30 57.54
TNP     2.12  15 ePn    30 31.78  -0.3
                 iPg    30 34.33
                 eS     31 02.33
PEC     2.22 164 ePn    30 31.43  -1.9
                 iPg    30 37.27
                 iS     31 04.64
PLM     2.80 162 P      30 43.00   1.1
CMB     2.82 316 eP     30 44.63   2.6
                 eS     31 21.65
        23 obs. associated
-----------------------------------------
&  FEB  22, 1992  00h 32m 07.21s
   36.027 N            117.901 W
   DEPTH =   0.2km
 CALIFORNIA-NEVADA BORDER REGION ( 40)
      <PAS-P>. ML 2.6 (PAS), 2.3 (GS).

PANV    0.75  60 P      32 21.20  -0.9
MCA     0.80  39 P      32 21.80  -1.3
QSM     0.84  94 P      32 22.80  -1.2
SGV     1.18  36 P      32 29.90  -0.4
LCH     1.22  10 P      32 29.50  -1.5
PPK     1.40 360 P      32 33.00  -1.0
SDH     1.40  63 P      32 32.70  -1.3
YMT3    1.42  57 P      32 33.30  -1.0
MGM     1.45  13 P      32 33.70  -1.1
YMT5    1.46  53 P      32 34.00  -0.9
YMT6    1.46  55 P      32 33.80  -1.2
LSM     1.49  61 P      32 34.30  -1.1
JON     1.51  74 P      32 34.30  -1.4
TMBR    1.58  50 P      32 35.70  -1.0
ABL     1.59 223 eP     32 37.11   0.2
                 iS     32 58.36
SVP     1.69   3 P      32 38.20  -0.2
SSK     1.82 175 eP     32 40.05  -0.1
                 eS     33 05.53
BONR    1.95 351 ePn    32 42.91   0.7
                 iPg    32 43.80
BCH     1.97 245 ePn    32 41.86  -0.4
                 eS     33 07.81
TNP     2.12  15 ePn    32 43.60  -1.0
                 ePg    32 46.86
                 eS     33 15.90
PEC     2.22 164 eP     32 47.27   1.5
                 eS     33 16.46
        21 obs. associated
-----------------------------------------
?  FEB  22, 1992  00h 34m 42.85± 1.56s
   6.924 S ±12.1km  147.008 E ±49.6km
   DEPTH =  40.0 ± 24.6 km
   3.8mb (  2 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

LAT     0.27 358 iPd    34 50.60  -0.2
PMG     2.47 177 eP     35 22.00   0.4
WB2    17.84 222 eP     38 50.40   0.5
        0.3s     2.90nm          3.9mb
```

```
ASPA   20.87 216 eP     39 22.90  -1.2
        1.0s     4.10nm          3.7mb
BDT    53.17 297 eP     44 00.00   0.5
     S.D. = 1.5  on   5 of   5 obs.
-----------------------------------------
   FEB  22, 1992  00h 39m 53.83± 0.29s
   5.415 N ± 6.2km  114.546 E ± 6.0km
   DEPTH =  40.4km  (  7 depth phases)
   5.2mb ( 16 obs.)  4.2Msz (  1 obs.)
 SOUTH CHINA SEA                  (301)

KKM     1.77  69 iPd    40 22.80   0.2
                 iS     41 09.10
BAG    12.43  28 eP     42 51.00  -0.2
TRT    13.17 188 ePc    43 20.90  20.1X
NST    17.44 307 eP     44 05.00   9.1X
CHG    20.22 313 ePc    44 28.30  -0.1
        1.0s    30.50nm          4.6mb
                 e      48 42.00
CHTO   20.22 313 eP     44 28.30  -0.1
        1.1s    33.86nm          4.6mb
KMI    22.63 331 Pc     44 55.00   2.1
        1.5s   100.00nm          5.0mb
MTN    24.51 138 eP     45 12.00   1.1
KNA    25.31 146 eP     45 18.00  -0.5
WB2    31.85 143 iPc    46 17.20  -0.3
        0.5s    16.90nm          5.2mb
                 iPcP   49 06.90
LZH    32.07 344 eP     46 18.50  -0.9
        1.5s    79.00nm          5.4mb
      Z  20s     0.49um          4.2Msz
      N  17s     0.57um
                 pP     46 30.00  43km
                 sP     46 33.50
                 i      49 09.50
                 eS     52 53.00
ASPA   34.53 148 iPd    46 41.00   0.3
        0.7s     9.30nm          4.8mb
                 i      46 52.40  42km
                 i      49 14.40
GUN    35.24 313 P      46 47.80   0.6
PKI    35.40 312 P      46 48.80   0.3
KKN    35.62 312 P      46 50.80   0.6
DMN    35.65 312 P      46 51.00   0.5
QIS    35.67 137 eP     46 50.00  -0.4
BAL    35.88 177 eP     46 41.50 -10.5X
        0.4s    10.00nm
GKN    36.21 312 P      46 55.80   0.7
HYB    37.16 292 ePc    47 03.70   0.6
        1.0s    30.00nm          5.1mb
                 e      47 14.50  38km
NDI    42.24 308 iP     47 44.20  -0.8
STK    45.16 147 iPc    48 12.30   3.7X
        0.6s    13.20nm          5.0mb
                 i      48 23.40  39km
IRK    47.47 351 eP     48 26.30  -0.3
        1.4s    30.00nm          5.1mb
                 LR     10 54.00
QUE    51.08 305 eP     48 54.60  -0.3
CAN    51.87 144 eP     49 01.70   1.1
                 e      49 13.00  39km
GAR    52.07 316 eP     49 02.60   0.4
YAK    57.60   8 iPc    49 40.80  -1.0
        1.0s    37.00nm          5.4mb
MAIO   58.94 309 iPc    49 51.80   0.0
BHD    70.47 303 iPd    51 06.50   0.0
                 eSKS   01 30.00
MSL    71.84 306 eP     51 14.00  -0.8
OBN    78.69 325 iPc    51 53.00  -0.3
        1.0s    49.00nm          5.4mb
                 e      52 06.00  44km
KEV    84.10 340 eP     52 20.00  -1.5
SOD    84.24 337 eP     52 20.00  -2.2X
KAF    84.43 332 iP     52 23.40   0.2
        0.8s    27.10nm          5.4mb
VRI    84.63 315 eP     52 27.50   2.9X
MLR    85.20 315 eP     52 30.00   2.4X
NUR    85.28 330 eP     52 27.00  -0.5
        0.9s    16.70nm          5.2mb
IMA    85.81  24 ePc    52 31.60   1.3
        1.2s    22.00nm          5.3mb
KRI    86.72 253 iPd    52 33.50  -2.1
VAY    87.95 311 iP     52 41.00   0.0
BUL    88.04 250 iPd    52 41.90   0.0
                 ipP    52 53.70  38km
KSP    91.04 321 eP     52 56.40   1.1
MBC    92.83  11 eP     53 01.50  -1.6
```

```
INK    92.94  20 eP     53 04.00   0.3
        1.1s    55.00nm          5.9mb
GEC2   93.06 319 Pd     53 04.80   0.0
        1.1s     1.67nm          4.4mb
RFA   150.66 175 iPKP   59 43.50   5.5X
     S.D. = 0.9  on  38 of  46 obs.
-----------------------------------------
   FEB  22, 1992  00h 43m 01.79± 0.66s
   14.051 N ± 6.1km   92.094 W ± 4.4km
   DEPTH =  72.6 ±  4.4 km
   4.6mb ( 31 obs.)
 NEAR COAST OF CHIAPAS, MEXICO    ( 69)

TPX     0.86 349 iP     43 17.50  -1.5
FGO     1.28  72 iPc    43 23.55  -0.9
TER     1.39  79 eP     43 25.27  -0.6
BVA     1.54  66 iPc    43 28.40   0.4
                 eS     43 53.15
GCG     1.60  70 ePc    43 28.53  -0.3
                 eS     43 56.55
RDG     1.84  59 iPc    43 33.63   1.6
SLP     1.89  68 iPc    43 34.12   1.5
YUP     2.23  86 iP     43 37.23  -0.2
MRL     2.54  66 eP     43 42.42   0.7
PBJ     3.98 307 (P)    43 59.00  -2.7X
OXX     5.38 305 iP     44 17.50  -4.1X
                 iS     45 16.00
LVVM    7.02 324 eP     44 38.07  -6.1X
                 iS     45 51.00
IISM    7.05 315 (P)    44 47.90   3.4X
PPM     8.01 309 eP     44 54.97  -3.2X
III     8.29 302 iP     44 58.50  -3.3X
MRX    10.36 304 iP     45 27.01  -2.9X
COLM   12.23 296 eP     45 53.50  -1.5
UPA    13.30 111 (P)    46 12.50   3.5X
                 iLR    51 17.00
PSO    19.41 130 eP     47 27.00   1.6
FUQ    19.98 113 eP     47 31.00  -0.4
BOG    20.09 116 eP     47 34.00   1.5
                 eS     51 24.00
PWLA   21.15   9 eP     47 41.16  -1.7
MEO    21.46 345 iPc    47 45.30  -0.6
HBF    21.62  28 (P)    47 55.90   8.4X
SDV    21.64 101 eP     47 45.70  -2.4
PRM    21.81  22 eP     47 49.67   0.3
TUL    22.02 352 eP     47 50.40  -1.1
        0.6s    12.70nm          4.5mb
LNO    22.02 352 eP     47 50.10  -1.3
GRT    22.25   6 (P)    47 53.80   0.1
JSC    22.40  24 eP     47 55.96   0.7
GBTN   22.66  17 eP     47 58.92   1.1
LHS    22.76  25 eP     47 59.51   0.8
TKL    22.78  18 eP     48 00.16   1.2
ELC    23.28   6 eP     48 03.53  -0.2
ALQ    24.51 331 eP     48 17.33   1.4
        0.9s    12.94nm          4.4mb
CEH    24.68  26 eP     48 17.76   0.4
        0.9s    45.95nm          4.9mb
NAV    25.27  21 eP     48 22.58  -0.3
CVL    26.73  24 eP     48 35.86  -0.4
CBN    27.37  26 eP     48 43.00   0.9
                 e      49 26.00
GLA    28.03 316 eP     48 48.00  -0.2
GOL    28.09 338 eP     48 49.86   0.9
        1.1s    10.75nm          4.4mb
TPC    29.48 317 eP     49 09.00   7.8X
PLM    29.59 315 eP     49 02.10  -0.3
SRU    29.79 330 eP     49 04.32   0.2
PEC    30.10 315 eP     49 06.41  -0.3
        0.9s     3.59nm          4.1mb
MSU    30.16 328 eP     49 08.10   0.7
ARUT   30.31 325 eP     49 09.25   0.6
EMUT   30.48 331 eP     49 10.79   0.6
LVNJ   30.65  26 (P)    49 10.51  -0.9
SBB    31.01 316 eP     49 14.00  -0.7
DAU    31.16 331 eP     49 16.69   0.4
RSSD   31.66 344 eP     49 20.00  -0.5
ISA    32.00 317 eP     49 24.00   0.5
BW06   32.34 336 eP     49 26.00  -0.5
TNP    32.69 322 eP     49 29.67   0.1
        1.0s     8.13nm          4.5mb
HVU    32.94 331 eP     49 32.13   0.5
BONR   33.28 320 eP     49 35.65   0.9
PHAM   33.39 316 (P)    49 36.44   1.0
PTI    33.61 333 eP     49 37.58   0.1
HPI    34.60 333 eP     49 46.68   0.6
LRM    36.03 336 ePc    49 59.10   1.0
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ORV     36.23 320 eP     50 00.03   0.4
EMM     37.05  30 (P)    50 05.19  -1.2
LPB     38.54 141 P      50 15.00  -4.7X
      Z  16s      0.67um          4.6MszX
                 eLR    02 36.00
SES     39.39 341 eP     50 27.00   1.0
LON     41.00 329 eP     50 36.57  -2.7X
FFC     41.31 351 eP     50 41.00  -0.6
        1.0s    11.00nm          4.6mb
PNT     41.79 333 eP     50 47.00   1.4
YKA     50.96 347 eP     51 58.20   0.5
        0.9s    32.00nm          5.4mb
PDCR    58.76 114 (P)    52 54.00  -1.0
BALM    59.15 334 eP     52 56.66  -0.6
KLU     60.89 334 eP     53 09.19   0.1
PMR     62.33 333 eP     53 17.93  -0.6
        1.0s    21.93nm          5.2mb
RND     62.94 335 eP     53 22.32  -0.4
FBA     63.16 337 eP     53 22.98  -1.1
        1.1s    34.38nm          5.3mb
RSO     63.57 331 eP     53 26.30  -0.7
MBC     63.85 353 eP     53 28.50   0.1
        1.0s     6.00nm          4.5mb
EKA     77.98  36 Pc     54 52.80  -0.8
        0.9s    24.50nm          5.1mb
LPF     80.39  43 iPc    55 06.10  -0.7
        0.8s    10.75nm          4.8mb
GRR     80.45  43 iPc    55 06.70  -0.4
        0.8s    13.45nm          4.9mb
FLN     80.63  42 iPc    55 07.70  -0.3
        0.8s     9.40nm          4.8mb
LDF     80.90  42 iPc    55 09.10  -0.3
        0.8s     8.05nm          4.7mb
MFF     81.26  44 eP     55 10.80  -0.6
        0.8s     4.05nm          4.4mb
LFF     82.20  46 eP     55 15.90  -0.4
        0.8s     5.35nm          4.5mb
RJF     82.66  45 eP     55 18.10  -0.6
        0.8s     4.05nm          4.4mb
MAF     83.17  44 iPc    55 20.90  -0.4
        0.7s     2.20nm          4.2mb
BGF     83.29  44 iPc    55 21.10  -0.8
        0.6s     5.40nm          4.7mb
AVF     83.57  43 iPc    55 22.40  -0.9
        0.9s     6.55nm          4.6mb
SSF     83.61  43 iPc    55 22.60  -0.9
        0.9s     6.55nm          4.6mb
LOR     83.79  43 iPc    55 23.90  -0.6
        0.8s     8.05nm          4.8mb
SMF     83.93  44 eP     55 24.40  -0.8
        0.6s     1.80nm          4.3mb
LBF     83.94  43 eP     55 24.30  -1.0
        0.8s     4.05nm          4.5mb
NB2     84.14  28 P      55 27.10   1.1
        1.3s    10.80nm          4.7mb
HAU     85.23  42 iPc    55 31.70   0.0
        0.8s     8.05nm          4.8mb
BSF     85.57  42 eP     55 33.30  -0.2
        0.8s     5.35nm          4.6mb
TIC     85.59  84 (P)    55 34.30   0.2
LIC     85.68  85 (P)    55 35.00   0.5
CDF     85.72  41 eP     55 34.20   0.0
        0.8s     5.35nm          4.6mb
KIC     85.92  84 (P)    55 36.00   0.3
GRF     87.81  39 ePc    55 45.60   1.4
CLL     88.33  37 e(P)   55 46.00  -0.6
KHC     89.44  39 eP     55 53.50   1.4
GEC2    89.62  39 PKP    55 52.30  -0.7
        0.8s     0.66nm          3.9mb
ZST     91.96  39 eP     56 04.30   0.7
BUL    123.24 105 ePKP   01 52.00  -0.8
QUE    131.61  24 ePKP   02 10.50   1.8
WRA    135.32 256 PKP    02 06.90  -8.9X
        0.9s     0.30nm
GKN    138.08   4 PKP    02 17.20  -3.8X
GUN    138.24   3 PKP    02 16.20  -5.3X
KKN    138.33   4 PKP    02 17.60  -3.9X
DMN    138.50   4 PKP    02 21.60  -0.3
PKI    138.56   3 PKP    02 18.40  -3.7X
POO    144.78  24 iPKPd  02 32.20  -0.6
CHG    145.58 341 ePKPc  02 34.10  -0.1
        1.1s    30.06nm
LOE    145.90 336 ePKP   02 34.90   0.2
HYB    147.40  17 ePKPc  02 40.10   3.0X
        1.0s    35.00nm
NST    148.09 337 ePKP   02 47.50   9.3X
NNT    151.05 336 ePKP   02 49.80   7.0X
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                    e     29 59.00
KOD   153.75  24 ePKP  02 49.20   2.1
      S.D. = 0.9  on  99 of 119 obs.
-----------------------------------
*  FEB  22, 1992  01h 49m 19.93± 0.70s
   36.529 N ±12.5km   71.568 E ± 6.9km
   DEPTH =  33.0km  (normol)
   4.0mb (  2 obs.)
 AFGHANISTAN-TAJIKISTAN BORD REG.(717)

QUE     7.41 213 eP     51 09.20   0.5
                 eS     52 26.60
NDI     9.16 147 eP     51 42.00   9.2X
                 eS     53 10.00
MAIO    9.74 272 eP     51 40.00  -0.8
GKN    13.94 124 P      52 37.60   0.2
KKN    14.51 123 P      52 44.30  -0.6
DMN    14.51 124 P      52 45.10   0.1
PKI    14.73 123 P      52 48.60   0.5
GUN    14.84 121 P      52 48.80  -0.6
NB2    44.63 323 P      57 31.40   0.6
        0.5s     1.20nm          4.0mb
WRA    81.62 122 P      01 36.30   0.1
        0.3s     0.40nm          3.9mb
      S.D. = 0.7  on   9 of  10 obs.
-----------------------------------
*  FEB  22, 1992  02h 15m 46.03± 1.34s
   36.254 S ±11.4km  178.496 E ±18.3km
   DEPTH = 265.5 ±  9.5 km
   4.0mb (  2 obs.)
 OFF E. COAST OF N. ISLAND, N.Z. (160)

HBZ     1.35 187 P      16 23.00  -2.0
PUZ     1.83 186 P      16 28.00  -0.7
                 S      17 01.40
URZ     2.29 208 P      16 32.20  -0.5
                 eS     17 09.60
KUZ     2.29 257 Pc     16 27.50  -5.2X
NOZ     2.39 189 Pc     16 34.20   0.6
WLZ     2.81 235 P      16 36.90  -1.0
PAHZ    2.84 203 P      16 38.80   0.6
MAHZ    2.97 189 P      16 41.20   1.7
MOH     3.07 200 eP     16 41.40   0.9
WHH     3.07 211 eP     16 41.30   0.6
TTH     3.54 201 eP     16 48.50   2.8X
MOZ     3.70 232 eP     16 49.20   1.7
RUZ     3.81 220 P      16 49.60   0.8
WAHZ    3.83 206 P      16 49.70   0.6
TEHZ    3.96 199 eP     16 51.00   0.5
PGZ     4.69 201 eP     16 59.60   0.5
MNG     4.96 208 eP     17 02.50   0.2
                 eS     18 05.30
KIW     5.39 210 eP     17 07.10  -0.5
MTW     5.43 205 P      17 08.10   0.1
AMW     5.48 202 P      17 08.90   0.3
CAW     5.54 208 eP     17 08.90  -0.5
BLW     5.62 204 eP     17 10.30  -0.1
WDW     5.71 208 eP     17 10.70  -0.7
MOW     5.75 205 eP     17 11.90   0.0
DIW     5.79 217 eP     17 11.40  -1.0
MRW     5.79 210 eP     17 12.00  -0.4
                 eS     18 23.80
TCW     5.95 212 P      17 13.60  -0.8
THZ     7.01 217 eP     17 27.60  -0.1
                 eS     18 52.30
KHZ     7.25 210 P      17 30.60   0.0
                 eS     18 56.30
LTZ     8.10 215 eP     17 41.00  -0.3
MQZ     8.69 209 eP     17 47.60  -1.1
WB2    41.81 281 eP     23 11.10  -0.5
        0.4s     4.80nm          4.2mb
WRA    41.82 281 P      23 12.60   0.9
        0.5s     1.80nm          3.7mb
      S.D. = 0.9  on  31 of  33 obs.
-----------------------------------
   FEB  22, 1992  02h 21m 12.32± 0.55s
   39.417 S ± 3.7km  177.147 E ± 6.4km
   DEPTH =  35.1 ±  8.4 km
   4.9mb (  3 obs.)
 OFF E. COAST OF N. ISLAND, N.Z. (160)

TTH     0.28 243 Pc     21 20.40   0.5
MOH     0.28   0 Pc     21 18.30  -1.7
TAHZ    0.42 312 Pd     21 20.10  -1.9
PAHZ    0.56 353 Pd     21 22.50  -1.3
TEHZ    0.63 204 P      21 27.80   3.1X
WAHZ    0.67 245 Pd     21 26.70   1.3
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WHH     0.73 316 Pc     21 25.00  -1.3
HATZ    0.97 302 P      21 29.50  -0.2
NOZ     1.06  41 P      21 31.90   1.1
HUTZ    1.13 313 eP     21 32.60   0.7
URZ     1.16 359 Pd     21 32.60   0.4
                 S      21 46.50
PATZ    1.24 326 P      21 34.00   0.3
TAZ     1.28 337 P      21 35.00   0.9
PGZ     1.38 209 Pd     21 37.20   1.7
RUZ     1.43 281 Pc     21 37.50   1.1
UTU     1.44 329 P      21 37.00   0.5
PUZ     1.60  33 P      21 39.20   0.5
                 eS     22 00.60
BSZ     1.75 257 eP     21 42.50   1.6
MNG     1.75 226 P      21 41.80   0.9
WLZ     1.99 322 P      21 44.10  -0.2
HBZ     2.03  27 P      21 45.20   0.4
MOZ     2.04 296 P      21 45.50   0.5
MTW     2.15 215 P      21 46.70   0.2
AMW     2.17 209 P      21 47.10   0.4
KIW     2.24 229 P      21 48.30   0.5
CAW     2.32 223 eP     21 47.70  -1.2
MOW     2.47 215 eP     21 50.70  -0.3
WDW     2.48 221 P      21 50.40  -0.7
NRZ     2.49 271 eP     21 53.50   2.1
MRW     2.60 225 P      21 52.50  -0.4
                 eS     22 24.50
TCW     2.84 230 P      21 55.40  -0.9
KUZ     2.89 337 eP     21 56.70  -0.4
QRZ     3.81 247 eP     22 08.60  -1.5
KHZ     4.06 221 eP     22 11.70  -1.8
                 S      22 57.40
WCZ     4.12 326 P      22 14.90   0.4
DSZ     4.69 239 eP     22 21.80  -0.8
LTZ     4.99 226 eP     22 22.60  -4.3X
                 S      23 19.10
MQZ     5.45 217 eP     22 29.80  -3.5X
                 eS     23 27.00
ODZ     7.41 219 eP     22 56.40  -4.4X
                 eS     24 15.10
TUZ     8.56 218 eP     23 12.70  -4.1X
ASPA   39.66 280 iPc    28 42.30  -0.4
        0.3s    13.70nm          5.2mb
WB2    41.48 285 iPd    28 57.10  -0.5
        0.3s    10.00nm          5.0mb
WRA    41.49 285 P      28 57.50  -0.2
        0.5s     3.30nm          4.3mb
      S.D. = 1.1  on  38 of  43 obs.
-----------------------------------
&  FEB  22, 1992  02h 21m 58.10s
   37.393 N          121.743 W
   DEPTH =   6.0km
 CENTRAL CALIFORNIA                ( 39)
      <BRK>. ML 2.5 (BRK), 2.6 (GS).

MHC     0.10 122 iPc    22 00.20  -0.2
                 iS     22 02.10
ARN     0.17 105 iPd    22 01.30  -0.5
                 iS     22 04.42
GCC     0.42 209 iPd    22 06.04  -0.4
                 eS     22 12.59
PCC     0.52 282 iPc    22 07.74  -0.8
BKS     0.62 321 eP     22 10.09  -0.5
                 eS     22 21.93
SAO     0.67 159 ePd    22 11.10  -0.4
ZSP     0.69 324 eP     22 11.47  -0.4
LLA     1.01 140 iPc    22 16.47  -1.1
                 eS     22 30.38
PRS     1.10 164 eP     22 18.34  -0.8
CMB     1.25  59 eP     22 21.10  -0.7
                 eS     22 36.79
NWRM    1.40 320 eP     22 22.12  -1.9
                 iS     22 43.55
PRI     1.52 145 eP     22 24.87  -1.1
FRI     1.67 103 iPc    22 26.63  -1.4
                 eS     22 47.61
ORV     2.17   5 eP     22 35.29   0.1
BONR    2.79  77 eP     22 41.06  -3.3
                 iS     23 21.84
TNP     3.65  78 P      23 04.90   8.3
      16 obs. associated
-----------------------------------
*  FEB  22, 1992  02h 25m 33.15± 0.52s
   3.767 N ± 8.1km  126.690 E ±10.5km
   DEPTH =  33.0km  (normol)
   4.5mb (  6 obs.)
 TALAUD ISLANDS, INDONESIA         (263)
```

22d 02h

```
PCI      8.27 236 ePd    27 36.00   2.2
                  e      30 35.50
KKM     10.68 283 eP     28 12.00   4.9X
WB2     24.74 163 iPd    30 52.30  -0.8
        0.6s    21.60nm          4.9mb
                  eS     35 15.50
OIS     27.29 153 eP     31 17.00   0.1
LOE     27.97 301 eP     31 23.10   0.0
ASPA    28.16 166 eP     31 23.50  -1.2
        1.0s     4.20nm          4.1mb
                  e      36 06.60
                  eS     36 23.40
CHG     30.97 301 eP     31 50.00   0.2
MRWA    34.36 197 eP     32 19.00  -0.3
        0.5s     3.00nm          4.5mb
BAL     35.49 195 eP     32 28.00  -0.8
MUN     36.92 195 eP     32 41.00   0.1
STK     38.18 159 eP     32 54.00   2.5X
        0.6s     6.60nm          4.7mb
GUN     45.67 306 P      33 53.80   0.5
PKI     45.92 305 P      33 54.40  -0.8
KKN     46.11 306 P      33 56.00  -0.6
DMN     46.18 305 P      33 56.80  -0.4
DZM     46.59 125 iPc    34 01.40   1.1
GKN     46.71 306 P      34 00.70  -0.6
HYB     49.07 290 eP     34 19.00  -0.6
GAR     61.87 313 eP     35 51.10  -0.8
KAF     91.55 332 eP     38 38.40   0.8
        0.5s     1.20nm          4.5mb
YKA     99.48  24 eP     39 15.50   1.7
        0.9s     0.30nm          3.8mb
      S.D. = 1.0  on  19 of  21 obs.
-----------------------------------
*  FEB  22, 1992  02h 35m 12.07± 0.69s
   2.921 S ± 9.6km  130.117 E ±12.0km
   DEPTH =  10.0km  (geophysicist)
   4.8mb (  6 obs.)  3.8Msz (  1 obs.)
 SERAM, INDONESIA                (272)

SWI      2.34  29 iPd    35 50.50  -0.7
                  S      36 22.00
MTN      9.91 174 eP     37 43.50   5.8X
        0.4s    81.00nm          6.5mb X
                  eS     39 26.00
PCI     10.47 281 ePd    37 45.60   0.3
                  e      39 13.50
KNA     12.82 186 eP     38 14.00  -3.2X
WB2     17.42 167 eP     39 12.00  -4.9X
        0.5s    12.20nm          4.3mb
                  eS     42 16.20
OIS     19.82 153 iPd    39 44.40  -1.6
        0.6s    31.00nm          4.8mb
                  e      43 14.00
ASPA    20.95 170 iPc    39 55.80  -1.9
        0.6s    98.70nm          5.4mb
      Z  20s     0.40um          3.8Msz
                  eS     43 45.40
WARB    23.37 188 eP     40 20.30  -1.5
QLP     27.15 151 eP     40 58.00   0.5
RMO     29.47 144 eP     41 19.00   0.4
STK     30.77 161 eP     41 31.20   1.3
        0.5s     5.50nm          4.7mb
ADE     32.87 167 e(P)   41 48.10  -0.3
BWA     35.68 154 eP     42 14.40   1.8
                  e      42 20.70
BFD     35.96 163 eP     42 16.00   1.1
        0.5s     9.00nm          4.9mb
CAN     36.69 154 eP     42 21.60   0.5
                  i      42 26.60
CHG     37.51 306 eP     42 28.40   0.2
KMI     38.50 318 eP     42 40.50   3.8X
        1.5s    40.00nm          4.9mb
      S.D. = 1.3  on  13 of  17 obs.
-----------------------------------
&  FEB  22, 1992  03h 32m 20.62s
   36.030 N          117.899 W
   DEPTH =   0.9km
 CALIFORNIA-NEVADA BORDER REGION ( 40)
      <PAS-P>. ML 3.9 (PAS), 3.8 (GS).
      Felt in the China Lake-
      Ridgecrest area.

ISA      0.59 232 iPd    32 32.10  -0.4
PANV     0.74  60 P      32 34.60  -0.9
MCA      0.79  39 P      32 35.30  -1.2
OSM      0.84  94 P      32 36.10  -1.3
FMT      1.09  56 P      32 40.80  -1.2
GSC      1.15 129 iPc    32 41.90  -1.1
SGV      1.18  36 P      32 42.80  -0.8
LCH      1.22   9 P      32 43.00  -1.3
YMT2     1.37  56 P      32 46.10  -0.7
YMT1     1.38  53 P      32 46.30  -0.6
PPK      1.39 360 P      32 46.20  -1.1
SDH      1.40  64 P      32 46.40  -0.9
YMT3     1.42  57 P      32 46.60  -1.0
YMT4     1.42  55 P      32 46.80  -0.9
MGM      1.45  13 P      32 47.40  -0.7
YMT5     1.45  53 P      32 47.40  -0.8
YMT6     1.46  55 P      32 47.30  -1.0
LSM      1.49  61 P      32 47.50  -1.2
JON      1.51  74 P      32 47.70  -1.2
CDH1     1.52  57 P      32 48.10  -1.1
TMBR     1.58  50 P      32 49.20  -0.8
ABL      1.60 223 ePnd   32 49.42  -0.9
                  iS     33 12.36
LOP      1.62  59 P      32 49.70  -0.9
BGB      1.68  53 P      32 50.70  -0.8
SVP      1.68   3 P      32 51.60   0.0
FRI      1.75 304 iPc    32 52.08  -0.1
                  eS     33 14.31
PKEM     1.79 272 iP     32 54.03   1.1
                  iS     33 17.72
GLR      1.91  52 P      32 54.70  -0.1
BONR     1.95 351 ePn    32 55.69   0.2
                  iPg    32 57.32
BCH      1.97 245 ePn    32 55.41  -0.2
                  iPg    32 56.26
                  iS     33 22.54
BLT      2.03  44 P      32 55.20  -1.4
PHAM     2.04 265 ePn    32 57.02   0.5
                  iS     33 25.14
TNP      2.12  15 ePnd   32 57.31  -0.6
                  iPg    33 00.26
                  iS     33 29.34
GMR      2.15  52 P      32 57.50  -0.8
PEC      2.22 164 ePn    32 57.85  -1.3
                  iPg    33 01.60
                  iS     33 30.44
PRI      2.24 274 eP     32 59.90   0.3
TPU      2.39  48 P      33 00.20  -1.7
LLA      2.53 284 eP     33 03.61   0.1
PRN      2.67  58 P      33 04.70  -1.0
PLM      2.80 162 ePnd   33 06.30  -1.4
                  iPg    33 12.56
                  iS     33 48.62
CMB      2.82 316 iPc    33 10.04   2.2
                  eS     33 47.54
PRS      2.82 277 iP     33 08.41   0.6
SAO      2.95 285 iPc    33 10.31   0.7
KVN      3.02 357 eP     33 09.91  -0.8
ARN      3.20 295 ePn    33 12.42  -0.7
                  iS     33 54.54
GLA      3.91 139 ePn    33 19.51  -3.7
                  iPg    33 32.86
                  iS     34 24.19
ARUT     3.98  63 ePn    33 22.91  -1.4
ORV      4.53 322 ePn    33 32.73   0.8
                  iPg    33 45.18
        48 obs. associated
-----------------------------------
%  FEB  22, 1992  03h 43m 48.34± 1.11s
   44.956 N ± 5.4km    7.289 E ±13.3km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                  (545)
      ML 1.9 (GEN).

BHB      0.12 189 P      43 51.92   0.6
                  S      43 54.23
RSP      0.20 353 P      43 53.00   0.2
                  S      43 56.03
RRL      0.36 264 P      43 55.97   0.1
                  S      44 01.15
PZZ      0.47 197 P      43 57.30  -0.6
                  S      44 03.41
LSD      0.51 349 P      43 58.38  -0.4
                  S      44 04.69
      S.D. = 0.7  on   5 of   5 obs.
-----------------------------------
   FEB  22, 1992  04h 00m 15.41± 0.91s
   36.625 N ± 6.4km  141.037 E ± 9.2km
   DEPTH =  63.7 ±  6.3 km
   4.4mb (  7 obs.)
 NEAR EAST COAST OF HONSHU, JAPAN(228)
KAKJ     0.81 239 iPd    00 30.40  -1.0
                  S      00 40.40
YAMJ     1.74 333 P      00 44.10   0.2
                  eS     01 04.90
NIIJ     1.74 291 iPd    00 43.70  -0.2
CHJJ     1.75 251 iPd    00 43.40  -0.6
                  S      01 02.80
MAT      2.28 269 iPd    00 51.80   0.4
                  iS     01 21.00
OFUJ     2.50  11 iP+    00 54.40  -0.1
                  eS     01 23.70
MTMJ     2.60 270 iPd    00 56.60   0.6
IIDJ     2.78 247 iPd    00 59.90   1.4
                  eS     01 31.70
GUN     46.90 276 P      08 42.20   0.5
PKI     47.42 276 P      08 44.80  -1.0
KKN     47.43 276 P      08 45.60  -0.1
DMN     47.64 276 P      08 46.00  -1.5
GKN     47.85 277 P      08 49.40   0.4
WB2     56.61 188 eP     09 54.00  -0.1
        0.5s     3.00nm          4.6mb
WRA     56.62 188 P      09 54.30   0.2
        0.5s     3.50nm          4.7mb
MBC     57.00  16 eP     09 41.00 -15.3X
        0.5s     3.00nm
ASPA    60.34 188 eP     10 20.30   0.3
        0.7s     5.10nm          4.8mb
KEV     63.72 339 eP     10 55.00  13.0X
SOD     65.22 337 eP     10 55.00   3.2X
KAF     68.53 333 eP     11 12.60  -0.2
        0.5s     1.90nm          4.3mb
NUR     70.17 332 eP     11 11.10 -11.7X
        0.9s     7.00nm
APO     73.96 336 eP     11 45.60   0.3
        0.4s     1.30nm          4.2mb
NB2     74.45 337 P      11 48.60   0.4
        0.6s     1.90nm          4.2mb
GEC2    82.90 328 P      12 34.40   0.0
        0.5s     0.52nm          3.7mb
      S.D. = 0.7  on  20 of  24 obs.
-----------------------------------
&  FEB  22, 1992  04h 05m 04.65s
   59.135 N          152.072 W
   DEPTH =  74.1km
   2.9mb (  1 obs.)
 SOUTHERN ALASKA                 (  2)
      <AEIC>.

XLV      0.37  29 iPd    05 16.34  -0.6
                  eS     05 25.27
SYI      0.55 198 iPd    05 17.76  -0.7
                  eS     05 27.67
HOM      0.57  22 eP     05 18.62   0.0
                  eS     05 29.13
CNPM     0.58  47 iPd    05 18.47  -0.4
                  eS     05 28.48
AUI      0.72 287 iPc    05 19.81  -0.5
                  eS     05 31.36
CDD      0.84 256 iPc    05 20.78  -0.9
BRLK     0.88  43 iPd    05 21.49  -0.6
NNL      0.99  23 iPd    05 23.79   0.3
IVS      1.02 330 eP     05 23.37  -0.7
                  S      05 37.39
INE      1.06 332 iPd    05 23.57  -0.9
                  eS     05 37.55
INW      1.08 330 iPd    05 23.96  -0.8
MCNL     1.17 273 ePc    05 24.34  -1.4
                  eS     05 39.67
PDB      1.27 302 iPc    05 25.96  -1.1
                  eS     05 42.24
RED      1.34 345 iPd    05 27.34  -0.7
                  eS     05 44.76
RS1      1.37 346 iPd    05 28.08  -0.6
RSO      1.38 346 iPd    05 28.08  -0.6
                  eS     05 45.86
RS2      1.38 346 iPd    05 28.14  -0.6
REF      1.40 347 iPd    05 28.31  -0.6
KDC      1.41 189 iPd    05 28.00  -0.9
RDT      1.45 353 iPd    05 28.74  -0.9
                  eS     05 47.25
DFR      1.49 348 iPd    05 29.48  -0.7
NCT      1.50 344 eP     05 28.35  -1.8
SEW      1.65  53 iPd    05 31.07  -1.1
                  eS     05 51.20
SLKM     1.66  33 iPd    05 31.32  -1.1
BKG      1.94 357 iPd    05 35.63  -0.6
                  eS     05 59.11
```

```
SPU      2.05   0 iPd   05 37.00  -0.8
                  eS    06 02.36
CKL      2.07 356 iPd   05 37.55  -0.5
CKN      2.10 359 iPd   05 37.96  -0.4
CRP      2.14 359 iPd   05 38.68  -0.4
BGL      2.14 356 iPd   05 38.51  -0.5
CGLM     2.18   1 iPd   05 38.99  -0.5
                  eS    06 06.00
NCG      2.28 359 iPd   05 40.40  -0.5
                  S     06 08.27
LTI      2.33  65 eP    05 40.47  -1.0
MTU      2.41  67 ePc   05 41.70  -0.9
SUA      2.43  15 iPd   05 42.12  -0.9
                  eS    06 10.56
PMS      2.46  30 iPd   05 42.80  -0.6
SVW      2.66 320 iPd   05 45.10  -1.0
PWA      2.75  22 ePd   05 46.40  -0.9
PLRM     2.87  29 iPd   05 47.43  -1.5
PMR      2.87  29 iPd   05 47.90  -1.0
SKT      2.87   5 ePd   05 47.89  -1.1
                  eS    06 22.38
KNK      2.91  37 iPd   05 48.09  -1.5
                  eS    06 19.71
MID      2.96  82 ePc   05 49.20  -1.0
GLI      3.05  53 iPd   05 49.35  -2.2
GHO      3.07  29 ePd   05 50.37  -1.5
                  eS    06 25.55
SML      3.26  33 iPd   05 52.96  -1.5
                  eS    06 29.15
CUT      3.40  14 eP    05 55.07  -1.3
SGAM     3.73  65 iPd   05 59.24  -1.7
                  eS    06 39.54
KLU      3.87  50 iPd   06 01.42  -1.6
                  eS    06 43.06
KAIM     3.98  75 ePc   06 03.22  -1.3
HUR      4.03  16 eP    06 04.02  -1.3
TOA      4.16  42 eP    06 06.40  -0.8
TTA      4.26 335 ePd   06 06.90  -1.7
TZL      4.39  45 eP    06 09.51  -0.8
TRF      4.42  10 eP    06 08.33  -2.5
KTH      4.47   7 eP    06 10.07  -1.4
RND      4.56  19 eP    06 10.90  -1.8
SDG      4.67  40 eP    06 12.34  -1.8
GLB      4.72  57 ePc   06 12.53  -2.4
CROM     4.78  66 ePc   06 13.83  -2.1
MCK      4.85  17 eP    06 15.43  -1.4
TGL      4.92  67 ePd   06 15.99  -1.9
CYK      4.96  75 eP    06 16.23  -2.0
PAX      5.01  37 ePd   06 16.95  -2.1
WRG      5.18  76 ePc   06 19.74  -1.6
BWN      5.20  13 eP    06 18.14  -3.5
BALM     5.23  64 ePc   06 19.90  -2.2
YAH      5.37  72 iPc   06 22.28  -1.9
DDM      5.53  30 eP    06 25.21  -1.1
NEA      5.64  13 eP    06 24.72  -3.0
WRH      5.68  18 ePd   06 25.72  -2.5
CTGM     5.68  67 eP    06 26.75  -1.8
DJE      5.78  29 eP    06 26.88  -2.8
HDA      5.82  22 eP    06 27.55  -2.7
CCB      5.89  18 eP    06 27.69  -3.5
DOT      5.94  37 eP    06 29.88  -2.1
MLY      5.95   5 eP    06 29.42  -2.7
PCA      6.07  76 eP    06 32.05  -1.8
MDM      6.12  16 eP    06 31.35  -3.0
F8A      6.13  17 ePd   06 31.60  -2.9
GLM      6.27  19 eP    06 33.59  -2.9
BCPM     6.38  77 eP    06 35.82  -2.2
PNL      6.50  80 iPc   06 37.11  -2.5
HON      6.77  82 eP    06 41.01  -2.3
IMA      7.00 355 eP    06 44.70  -2.0
SIT      9.11  96 eP    07 12.40  -3.1
INK     12.27  34 eP    07 55.00  -2.9
YKA     18.40  63 eP    09 14.10  -1.7
     0.8s      0.70nm           2.9mb
      88 obs. associated
----------------------------------------
? FEB 22, 1992  04h 21m 34.65± 1.74s
  26.356 N ±14.6km   78.888 W ±19.5km
  DEPTH =  10.0km  (geophysicist)
  3.2mb (  1 obs.)
 BAHAMA ISLANDS                    (515)

GAI      4.48 318 e(P)  22 46.00   1.9
                  e(S)  24 13.00
HBF      6.68 349 ePn   23 16.29   1.1
JSC      8.16 346 ePn   23 34.45  -1.4
                  eS    25 13.04
LHS      8.26 349 eP    23 37.54   0.1
                  eS    25 15.25
PRM      8.27 340 iPn   23 36.81  -0.6
                  eS    25 14.31
GBTN    10.34 335 ePn   24 02.78  -3.3X
                  eS    26 07.11
BLA     10.90 354 (P)   24 22.50   8.7X
NAV     11.05 352 ePn   24 18.00   2.2X
CVL     11.60   2 ePn   24 23.79   0.6
PWLA    11.67 320 eP    24 23.00  -1.2
FVM     15.14 323 (P)   25 09.50  -0.7
ANMO    25.15 297 eP    27 02.00   0.3
YKA     43.17 337 eP    29 37.00   0.1
        1.2s      0.60nm          3.2mb
WRA    148.85 275 PKP   41 20.50  -0.2
        0.7s      0.50nm
     S.D. = 1.1  on  11 of  14 obs.
----------------------------------------
? FEB 22, 1992  05h 38m 56.63± 3.63s
  44.765 N ±24.4km    2.657 E ±18.8km
  DEPTH =   5.0km  (geophysicist)
 FRANCE                            (538)

CAF      0.45 291 Pg    39 05.40  -0.3
                  Sg    39 12.90
                  Sn    39 17.40
RJF      0.97 304 Pg    39 15.40  -0.2
                  Sg    39 29.50
                  Sn    39 31.30
LPO      1.05 266 Pg    39 17.00   0.1
                  Sg    39 31.60
MAF      1.46 358 Pg    39 23.00  -0.6
                  Sg    39 42.60
TCF      1.56 348 Pg    39 25.10   0.1
                  Sg    39 46.50
LSF      1.68 332 Pg    39 27.80   0.9
     S.D. = 0.7  on   6 of   6 obs.
----------------------------------------
% FEB 22, 1992  05h 41m 48.11± 0.80s
  37.707 N ± 6.7km   14.728 E ± 7.6km
  DEPTH =  10.0km  (geophysicist)
 SICILY                            (398)

MNO      0.22 353 P     41 53.40   0.3
                  eSg   41 57.00
GIB      0.62 297 P     42 00.10  -0.6
                  eSg   42 10.10
MEU      0.63 165 Pc    42 00.60  -0.2
                  eSg   42 11.10
ATN      0.74  52 Pd    42 02.50  -0.1
                  eSg   42 14.50
FAI      0.94 243 P     42 06.50   0.5
CSI      2.40  30 P     42 25.20  -2.9X
     S.D. = 0.6  on   5 of   6 obs.
----------------------------------------
% FEB 22, 1992  06h 52m 14.79± 1.02s
  37.098 N ± 8.3km    5.217 W ±13.4km
  DEPTH =  10.0km  (geophysicist)
 SPAIN                             (377)
   mbLg 2.7 (MDD).

EPRU     0.13 185 iPg   52 16.50  -1.5
                  iSg   52 20.90
EJIF     0.68 198 ePg   52 29.50   1.3
EHOR     0.72 358 iPg   52 28.80  -0.2
                  iSg   52 42.00
ECOG     1.33  82 ePn   52 39.60   0.2
                  eSn   52 56.00
EBAN     1.56  46 ePn   52 42.80   0.2
                  eSn   53 04.50
     S.D. = 1.4  on   5 of   5 obs.
----------------------------------------
  FEB 22, 1992  08h 39m 50.90± 0.38s
  46.715 N ± 4.2km    9.528 E ± 3.5km
  DEPTH =   5.0km  (geophysicist)
 SWITZERLAND                       (544)
   ML 2.7 (VIE).

VDL      0.23 190 iPc   39 55.80   0.1
OSS      0.42  94 iPc   39 58.70  -0.7
TMA      0.76 217 iPc   40 05.10  -1.2
MDI      0.95 172 P     40 08.90  -0.5
                  eSg   40 22.20
OGA      1.04  81 iPgc  40 09.90  -1.2
ZLA      1.09 315 iP    40 13.80   1.9
SOTA     1.26  66 iPnd  40 13.80  -1.0
                  iPg   40 17.30
                  iSg   40 34.60
SLE      1.27 327 iPc   40 15.10   0.2
MMK      1.27 239 iPd   40 14.10  -1.0
SAL      1.31 148 P     40 18.40   2.9X
ORO      1.53 225 P     40 15.00  -4.0X
FEL      1.55 319 ePn   40 19.19  -0.2
DIX      1.60 247 iP    40 23.80   3.7X
CTI      1.61 114 P     40 22.70   2.5
FUR      1.87  39 ePn   40 24.00   0.1
EMS      1.91 251 iPd   40 26.80   2.2
BOB      1.95 182 P     40 23.00  -2.1
BSF      2.17 302 Pg    40 34.00   5.7X
                  Sg    40 59.50
FVI      2.24  92 P     40 31.50   2.3
                  eSn   41 02.00
CDF      2.28 319 Pn    40 29.30  -0.6
                  Pg    40 36.50
                  Sn    40 55.40
                  Sg    41 03.80
LPG      2.28 239 Pn    40 29.40  -0.7
                  Pg    40 33.40
LPL      2.28 239 Pn    40 29.30  -0.8
                  Pg    40 33.50
                  Sg    41 02.00
HAU      2.52 302 Pn    40 32.80  -0.4
                  Pg    40 40.70
                  Sn    41 01.60
                  Sg    41 10.70
KBA      2.64  81 iPgd  40 41.10   6.0X
                  iSg   41 14.40
GRF      3.19  20 ePg   40 51.00   8.4X
                  eSg   41 32.00
SBF      3.21 208 Pn    40 43.50   0.5
KHC      3.64  47 ePn   40 48.20  -0.9
FRF      3.76 214 Pn    40 51.00   0.3
LBF      3.82 276 Pn    40 51.70   0.0
                  Sn    41 31.80
                  Sg    41 50.00
SMF      3.92 271 Pn    40 53.50   0.5
                  Pg    41 04.30
                  Sg    41 54.40
LOR      3.92 280 Pn    40 52.10  -1.0
                  Sg    41 53.60
LRG      3.96 216 Pn    40 55.10   1.6
LMR      4.00 213 Pn    40 55.20   1.0
SSF      4.14 277 Pn    40 56.20   0.0
AVF      4.25 273 Pn    40 57.20  -0.5
BGF      4.61 270 Pn    41 02.30  -0.5
PRU      4.68  44 ePg   41 46.50  42.7X
                  eSg   42 18.50
     S.D. = 1.2  on  30 of  37 obs.
----------------------------------------
* FEB 22, 1992  09h 15m 44.18± 1.43s
  50.775 S ±26.3km  159.169 E ± 8.1km
  DEPTH =  33.0km  (normal)
  4.6mb (  6 obs.)  4.2Msz (  1 obs.)
 NORTH OF MACQUARIE ISLAND         (165)

SIZ      7.09  60 P     17 27.50  -0.6
BCZ      7.49  54 eP    17 32.90  -0.8
                  eS    18 56.20
TUZ      8.47  59 eP    17 46.90  -0.5
MSZ      8.49  47 eP    17 49.40   1.8
STK     22.93 319 eP    20 45.80  -0.4
        1.0s      0.90nm          3.2mb X
                  eS    25 05.40
RMQ     25.53 338 iPd   21 13.60   2.4X
        0.6s     12.00nm          4.7mb
ASPA    33.40 315 iPc   22 21.80   0.1
        1.1s     19.30nm          4.9mb
      Z 21s       0.50um          4.2Msz
WB2     36.47 318 eP    22 47.80  -0.1
        1.2s      8.00nm          4.5mb
WRA     36.48 318 P     22 48.00   0.0
        1.0s      1.70nm          3.9mb
MUN     36.67 284 eP    22 47.00  -2.5X
MRWA    38.74 287 eP    23 06.00  -0.9
        0.4s      2.00nm          4.3mb
CHG     87.08 305 eP    28 28.60   1.0
        1.2s     19.92nm          5.2mb
OBN    145.96 300 iPKPc 35 20.50   0.5
        1.2s     79.00nm
                  i     35 30.00
                  i     35 37.00
VRI    148.44 280 ePKP  35 20.00  -4.4X
MLR    148.76 279 ePKP  35 29.50   4.4X
     S.D. = 0.9  on  11 of  15 obs.
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   FEB  22, 1992  11h 28m 07.14± 0.16s
   17.999 N ± 4.9km  169.954 E ± 4.7km
   DEPTH =  30.2km  ( 20 depth phases)
   5.3mb ( 39 obs.)  4.5Msz (  1 obs.)
 NORTH PACIFIC OCEAN                (611)
      CENTROID. MOMENT TENSOR     (HRV)
      Data Used: GDSN
      L.P.B.: 19S, 30C
      Centroid Location:
      Origin Time        11:28: 8.9 1.2
      Lat 17.84N 0.13 Lon 170.35E 0.10
      Dep  15.0 FIX Half-duration  1.5
      Moment Tensor:   Scale 10**16 Nm
        Mrr= 4.33 0.37  Mtt=-2.90 0.48
        Mff=-1.43 0.39  Mrt=-0.47 1.52
        Mrf=-5.32 1.30  Mtf= 2.78 0.40
      Principal Axes:
       T  Val=  7.82  Plg=56  Azm=108
       N       -1.68      26       332
       P       -6.14      20       232
      Best Double Couple:Mo=7.0*10**16
       NP1:Strike=285 Dip=34 Slip=  38
       NP2:       162     70       118

GUA    24.49 263 e(P)  33 24.00  -1.1
GUMO   24.53 263 e(P)  33 26.80   1.4
     Z  29s     0.99um          4.1MszX
PJG    24.53 263 e(P)  33 27.00   1.6
PMG    35.34 221 iPd   35 02.00   0.0
       1.3s    76.92nm          5.5mb
ADK    35.42  14 P     35 04.00   1.7
CTA    44.42 213 P     36 18.80   1.6
SSE    45.90 296 P     36 28.20  -0.7
     Z  20s     0.50um          4.5Msz
                pP     36 37.50  31km
                S      43 18.00
BRS    48.10 201 iPc   36 47.70   1.5
       1.2s     8.50nm          4.7mb
                i      36 56.50  29km
OIS    48.52 219 iPc   36 48.20  -1.3
       0.9s    21.00nm          5.2mb
RMO    48.78 206 iPc   36 52.40   0.9
       0.5s    34.00nm          5.6mb
ANM    49.42  14 eP    36 56.38   0.4
SVW    49.48  21 P     36 57.70   1.2
       1.0s    20.00nm          5.1mb
RSO    50.06  23 iPd   37 00.42  -0.8
TTA    50.66  19 iPd   37 04.94  -0.6
       1.2s    27.84nm          5.1mb
OLP    50.87 210 iPc   37 07.40   0.0
       0.5s    31.00nm          5.5mb
SLKM   51.06  24 iP    37 07.46  -1.1
ARMA   51.27 200 iPd   37 12.10   1.5
       0.6s    49.00nm          5.6mb
                i      37 21.10  30km
WBO    51.40 224 eP    37 09.50  -2.2
       0.9s    28.80nm          5.2mb
                i      37 19.60  34km
                e      38 27.50
WRA    51.41 224 P     37 10.40  -1.3
       0.7s    11.00nm          4.9mb
PMR    52.15  23 iP    37 15.55  -1.2
       1.0s    82.24nm          5.6mb
YAK    52.16 337 iPc   37 17.00   0.2
       0.8s   235.00nm          6.2mb
KNA    52.64 233 eP    37 19.70  -1.3
KLU    53.33  25 iPc   37 25.49  -0.2
RND    53.38  22 iPd   37 25.27  -0.7
IMA    53.63  17 iPc   37 28.35   0.5
       1.0s    34.83nm          5.3mb
ASPA   54.35 222 iPc   37 31.90  -1.6
       1.1s    26.40nm          5.2mb
                i      37 41.30  31km
CMS    54.38 205 iPc   37 34.10   0.5
                i      37 43.00  29km
BALM   54.55  26 iP    37 33.32  -1.3
FBA    54.67  21 iP    37 33.97  -1.4
       1.3s    60.09nm          5.5mb
BWA    56.02 201 iPc   37 45.70   0.2
                i      37 54.80  30km
STK    56.56 209 eP    37 52.10   2.7X
       1.7s     3.70nm          4.1mb X
CAN    56.63 200 iPd   37 51.20   1.3
                i      38 00.20  29km
BRW    56.82  12 iPd   37 50.59  -0.2
ADE    60.46 209 e(P)  38 16.90   0.4
       0.9s    77.31nm          5.8mb
LZH    60.51 302 iPc   38 17.50   0.3
       2.0s    99.00nm          5.6mb
                i      38 26.50
                pP     38 37.50  78kmX
                sP     38 43.50
WARB   60.83 225 eP    38 18.00  -1.1
IRK    61.09 320 ePc   38 21.00   0.4
       1.6s    65.00nm          5.5mb
                e      38 31.00  33km
                e      38 41.50
INK    61.30  21 eP    38 21.00  -0.8
       1.0s    36.00nm          5.5mb
                pP     38 38.00  64kmX
ORV    62.36  54 iP    38 28.78  -0.7
PNT    63.84  43 eP    38 39.00  -0.1
       0.9s    16.00nm          5.1mb
BONR   64.93  56 iP    38 46.77   0.1
ISA    64.96  59 eP    38 46.00  -0.7
KVN    65.02  55 iP    38 47.59   0.5
SBB    65.58  60 eP    38 51.00   0.4
CLC    65.66  58 eP    38 51.00  -0.1
TNP    65.77  56 eP    38 50.68  -1.3
       0.9s     9.14nm          4.9mb
RVR    66.02  60 eP    38 53.00  -0.4
PEC    66.21  60 iP    38 54.47  -0.2
       1.2s    20.77nm          5.1mb
PLM    66.52  61 eP    38 57.00   0.2
BAR    66.75  62 eP    38 57.00  -1.1
CHTO   66.93 283 eP    38 59.50   0.1
       1.2s    10.42nm          4.8mb
YKA    67.48  29 eP    39 01.10  -0.9
       0.9s    16.80nm          5.2mb
COOL   67.54 224 eP    39 02.00  -1.0
       0.6s    12.00nm          5.2mb
MBC    68.07  14 ePc   39 05.80   0.2
       1.0s    27.00nm          5.3mb
                pP     39 15.00  30km
HPI    68.45  49 iP    39 08.90   0.0
LRM    68.75  47 eP    39 09.70  -1.0
                e      39 35.10 100kmX
ARUT   68.77  56 iP    39 10.83  -0.1
HVU    68.86  51 iP    39 11.81   0.5
DUG    68.99  53 iPc   39 12.31   0.2
       0.8s     5.56nm          4.7mb
SES    69.38  42 ePc   39 14.50   0.3
       1.4s    85.00nm          5.6mb
                pP     39 25.00  34km
MSU    69.68  55 iP    39 16.72   0.2
MRWA   70.10 229 eP    39 18.00  -0.8
       0.6s     4.00nm          4.7mb
DAU    70.15  53 iPc   39 19.89   0.5
BAL    70.40 227 eP    39 20.00  -0.6
EMUT   70.56  53 iP    39 22.26   0.4
SRU    70.88  54 iP    39 23.70   0.0
BW06   71.12  50 P     39 24.40  -0.8
       0.9s     6.36nm          4.7mb
MUN    71.55 226 eP    39 26.00  -1.5
PV09   72.04  55 P     39 30.30  -0.6
                pP     39 40.00  31km
FFC    74.41  37 ePc   39 44.20   0.3
       1.1s    43.00nm          5.4mb
GOL    74.72  53 P     39 47.00   0.6
ANMO   74.79  58 P     39 47.80   1.0
       1.5s    45.14nm          5.3mb
                pP     39 57.00  30km
RSSD   74.89  48 P     39 47.20   0.0
       0.6s    12.08nm          5.1mb
                pP     39 55.50  27km
GUN    76.71 295 P     39 58.60   0.6
       0.8s    42.00nm          5.5mb
PKI    77.19 295 P     40 00.80   0.1
KKN    77.25 295 P     40 01.20   0.3
DMN    77.44 295 P     40 02.60   0.6
GKN    77.75 296 P     40 03.60   0.1
       1.2s    57.00nm          5.5mb
MEO    81.12  56 iPc   40 22.00   0.6
TUL    82.99  55 eP    40 32.30   1.2
       0.5s    10.90nm          5.2mb
                e      40 41.80  30km
LNO    82.99  55 ePc   40 31.60   0.6
                e      40 41.80  32km
NDI    83.87 298 eP    40 36.00   0.3
HYB    86.03 287 iPc   40 47.00   0.3
       1.0s    45.00nm          5.7mb
GAR    86.08 310 eP    40 47.60   0.9
FVM    86.41  51 iP    40 48.19   0.0
       1.2s   112.61nm          6.0mb
OLY    86.46  54 eP    40 48.49   0.0
                ePP    40 57.89  30km
LST    87.44  52 iP    40 53.86   0.7
ELC    87.55  52 iP    40 54.04   0.3
QUE    91.82 302 eP    41 15.10   1.0
GBTN   91.90  52 iP    41 14.14   0.0
TKL    92.23  51 iP    41 15.63  -0.1
                ePP    41 24.88  29km
PRM    93.93  52 iP    41 24.26   0.7
                ePP    41 33.63  29km
JSC    94.68  52 iP    41 27.76   0.8
                ePP    41 36.79  28km
LHS    94.93  52 iP    41 29.04   0.9
NB2    99.40 350 P     41 47.40  -0.6
       1.1s    10.50nm          5.3mb
LPB   124.74  98 PKP   47 09.00   2.1X
BUL   143.45 260 iPKPc 47 38.20  -3.2X
SLR   143.71 251 iPKPc 47 29.00 -12.7X
       0.9s    21.01nm
BCAO  144.06 306 iPKPd 47 41.10  -1.4
       0.8s    11.00nm
PRY   144.32 249 iPKPc 47 42.00  -0.7
       1.0s    20.00nm
FRS   145.74 243 iPKPc 47 46.10   1.3
       0.8s    70.90nm
BMA   147.73 104 ePKP  47 52.10   3.8X
CER   149.59 234 iPKPd 47 56.00   5.1X
POF   150.37 242 ePKP  47 50.00  -2.1
       0.6s     6.67nm
PDCR  151.45  83 ePKP  47 57.90   3.7X
WIN   154.15 255 ePKP  47 51.50  -6.6X
       1.5s    58.33nm
TIC   155.02 348 PKP   48 00.40   1.2
KIC   155.24 347 PKP   48 00.40   0.9
LIC   155.43 348 PKP   48 00.80   1.1
      S.D. = 0.9  on 101 of 109 obs.
-----------------------------------------
*  FEB  22, 1992  11h 29m 39.21± 1.72s
   37.618 S ± 8.4km  176.487 E ± 9.6km
   DEPTH = 237.1 ± 17.5 km
 NORTH ISLAND, NEW ZEALAND          (159)

WLZ      0.75 252 P      30 11.40  -0.4
URZ      0.81 143 P      30 11.10  -0.9
                S        30 31.80
KUZ      1.06 325 Pd     30 12.50  -1.0
HBZ      1.44  90 P      30 16.30   0.2
NOZ      1.58 130 P      30 17.90   0.7
RUZ      1.76 211 eP     30 19.70   1.0
WCZ      2.40 314 P      30 25.60   0.8
BSZ      2.49 209 eP     30 26.90   1.1
PGZ      3.00 183 P      30 31.60   0.3
MNG      3.10 194 P      30 32.50   0.1
                eS       31 09.60
KIW      3.46 200 P      30 36.60   0.0
MTW      3.62 192 P      30 37.90  -0.5
CAW      3.66 197 P      30 38.60  -0.2
AMW      3.73 188 P      30 39.70   0.1
DIW      3.75 211 P      30 39.70  -0.3
WDW      3.82 197 P      30 40.40  -0.4
BLW      3.83 192 P      30 40.60  -0.2
MRW      3.86 200 P      30 41.10  -0.1
WEL      3.90 199 eP     30 42.00   0.4
MOW      3.92 194 eP     30 41.50  -0.4
TCW      3.98 205 P      30 42.50  -0.1
KHZ      5.30 204 P      30 58.70  -0.1
                eS       31 58.90
LTZ      6.08 211 eP     31 08.60  -0.2
WRA     40.54 284 P      37 28.50  31.6X
        0.5s     4.30nm
      S.D. = 0.6  on  23 of  24 obs.
-----------------------------------------
?  FEB  22, 1992  12h 08m 51.32±12.49s
   44.913 N ±79.6km     2.985 E ±27.7km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                             (538)
      ML 2.1 (STR).

LBL      0.37  30 Pg     08 58.94   0.0
                Sg       09 02.62
COLF     0.79  39 Pg     09 06.66   0.0
                Sg       09 16.12
PYM      0.84   1 Pg     09 07.47  -0.1
                Sg       09 16.11
AGO      1.14   5 Pg     09 12.86   0.1
                Sg       09 26.06
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     S.D. = 0.1  on   4 of   4 obs.
-----------------------------------
?  FEB  22, 1992  12h 17m 15.64± 2.45s
   45.506 N ±21.8km   14.327 E ± 7.9km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION        (383)
      MD 2.4 (LJU). ML 2.0 (VIE).

CEY      0.24  17 ePg    17 20.50   -0.3
                  iSg    17 25.00
TRI      0.44 297 Pd     17 24.40   -0.3
                  eSg    17 32.40
VOY      0.61 330 ePg    17 28.50    0.5
                  eSg    17 37.80
PTJ      1.21  70 ePg    17 38.30    0.1
                  iSg    17 54.90
FVI      1.53 316 Pd     17 45.60    2.6X
                  eSg    18 07.80
KBA      1.71 337 iPgc   17 49.60    3.7X
                  iSg    18 13.00
     S.D. = 0.7  on   4 of   6 obs.
-----------------------------------
*  FEB  22, 1992  12h 24m 26.42± 1.05s
   44.324 N ±10.0km  106.317 W ± 9.9km
   DEPTH =   5.0km  (geophysicist)
 WYOMING                           (460)
      ML 2.9 (GS).

RSSD     1.65  96 eP     24 56.79    0.4
                  eS     25 17.00
BW06     2.82 238 ePn    25 13.80    0.6
                  iS     25 48.00
MEMT     3.54 293 ePn    25 24.90    1.5
SXM      3.91 300 ePn    25 28.30   -0.3
HRY      4.55 304 ePn    25 37.00   -0.7
LRM      4.60 291 ePn    25 37.30   -1.1
DAU      5.35 225 (Pn)   25 49.26    0.0
                  ePg    26 07.00
                  eS     27 10.38
EMUT     5.61 218 (P)    25 54.59    1.8
PV09     6.19 201 ePn    25 58.79   -2.2
                  eS     27 38.50
     S.D. = 1.4  on   9 of   9 obs.
-----------------------------------
   FEB  22, 1992  14h 07m 31.05± 1.80s
   33.237 S ± 4.7km   71.774 W ±15.4km
   DEPTH =  10.0km  (geophysicist)
 NEAR COAST OF CENTRAL CHILE       (135)
      MD 4.5 (SAN).

IHA      0.24  28 iPc    07 37.10    1.0
                  iS     07 48.20
LCCH     0.29 144 iPd    07 38.20    1.0
ROCH     0.69  68 iPd    07 44.50   -0.4
LNV      0.78 157 iPd    07 45.40   -0.8
TACH     0.81 121 iPd    07 47.10    0.3
PEL      0.92  84 iPd    07 49.10    0.5
SAN      0.96 103 iPd    07 49.50    0.2
PCH      1.12 110 iPd    07 51.50   -0.6
JACH     1.14  61 iPd    07 51.10   -1.3
                  iS     08 07.00
CHCH     1.17 127 ePc    07 52.20   -0.7
CACH     1.32 132 iPc    07 55.90    0.5
MDZ      2.48  83 iP     08 17.50    5.3X
                  iS     08 48.80
RTBS     2.51  52 iPd    08 14.20    1.6
RTCB     3.06  56 iPd    08 20.20   -0.3
                  S      09 42.00
ZON      3.11  58 eP     08 24.00    2.8X
RTLL     3.38  57 ePd    08 24.30   -0.7
                  S      09 17.00
CFA      3.40  62 ePc    08 26.30    1.0
RTRS     3.64  33 ePd    08 27.30   -1.3
     S.D. = 1.0  on  16 of  18 obs.
-----------------------------------
?  FEB  22, 1992  15h 18m 43.75± 5.83s
   4.299 S ±49.3km  144.197 E ±39.0km
   DEPTH =  75.4 ± 54.0 km
   4.5mb (  3 obs.)
 NEAR N COAST OF NEW GUINEA, PNG.(200)

MDG      1.84 121 eP     19 13.20   -0.7
YYYY     2.61 138 eP     19 26.30    1.6
LAT      3.64 130 eP     19 42.00    3.1X
PMG      5.86 150 eP     20 09.00   -1.0
                  eS     21 20.00
WB2     18.27 211 iPc    22 53.60   -0.3
      0.2s     6.40nm          4.5mb
ASPA    21.67 206 eP     23 30.30    0.4
      0.3s     4.20nm          4.3mb
WARB    27.50 216 eP     24 25.40    0.3
COOL    34.22 217 eP     25 24.00   -0.3
      0.4s     6.00nm          4.9mb
     S.D. = 1.2  on   7 of   8 obs.
-----------------------------------
*  FEB  22, 1992  15h 24m 35.39± 3.99s
   33.190 S ±10.4km   72.089 W ±28.4km
   DEPTH =  12.7 ±  4.9 km
 OFF COAST OF CENTRAL CHILE        (134)
      MD 3.8 (SAN).

IHA      0.41  67 iPc    24 44.80    0.9
                  iS     24 50.80
LCCH     0.52 123 iPd    24 46.10    0.2
                  iS     24 53.10
ROCH     0.93  77 iPd    24 52.70   -0.4
                  eS     25 05.50
LNV      0.95 144 iPd    24 53.30    0.1
                  iS     25 06.10
TACH     1.07 116 iPd    24 55.00   -0.3
                  iS     25 08.50
PEL      1.18  88 iPd    24 57.20    0.0
                  iS     25 12.50
SAN      1.22 103 iPd    24 57.50   -0.4
                  iS     25 13.50
JACH     1.36  68 iPd    24 59.60   -0.5
                  iS     25 17.00
PCH      1.39 108 iPd    25 00.80    0.3
                  iS     25 19.00
CHCH     1.41 122 iPd    25 00.70   -0.1
                  iS     25 19.50
CACH     1.55 127 iPc    25 03.40    0.6
MDZ      2.74  84 eP     25 25.50    5.6X
                  iS     26 01.50
RFA      3.40 119 ePc    25 36.50    7.3X
     S.D. = 0.5  on  11 of  13 obs.
-----------------------------------
   FEB  22, 1992  16h 47m 14.77± 0.85s
   45.461 N ± 6.1km   14.293 E ± 6.8km
   DEPTH =   5.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION        (383)
      MD 2.5 (LJU), 2.3 (TRI).

RIY      0.13 151 iPgd   47 17.40   -0.1
                  iSg    47 19.50
CEY      0.29  19 ePg    47 20.50   -0.2
                  iSg    47 25.00
TRI      0.45 304 ePg    47 24.00    0.3
                  iSg    47 32.10
LJU      0.61  16 e(Pg)  47 27.00    0.1
                  iSg    47 35.80
VOY      0.64 334 ePg    47 27.20   -0.3
                  eSg    47 37.80
VBY      0.68  86 eP     47 33.80    5.4X
                  e(Sg)  47 37.60
PTJ      1.25  69 ePg    47 38.70    0.2
                  iSg    47 55.50
FVI      1.55 318 Pd     47 45.40    2.4X
                  eSg    48 05.50
     S.D. = 0.3  on   6 of   8 obs.
-----------------------------------
?  FEB  22, 1992  17h 23m 01.93± 8.45s
   44.408 N ±58.9km   27.557 E ±32.2km
   DEPTH =  10.0km  (geophysicist)
 ROMANIA                           (358)

ISR      1.03 316 eP     23 20.50   -0.9
BRD      1.17 342 eP     23 24.50    0.8
VRI      1.58 338 ePc    23 29.50   -0.5
MLR      1.58 314 ePc    23 31.00    0.9
CVO      1.72 326 ePc    23 37.00    4.9X
CLI      2.15 355 eP     23 38.00   -0.3
     S.D. = 1.1  on   5 of   6 obs.
-----------------------------------
   FEB  22, 1992  18h 30m 46.69± 0.73s
   38.468 N ± 6.9km   21.398 E ± 5.2km
   DEPTH =   5.0km  (geophysicist)
 GREECE                            (364)
      ML 3.2 (ATH), 3.3 (TIR). MD 3.2
      (THE).

VLS      0.70 246 ePg    31 00.00   -0.7
AGG      0.92  53 ePg    31 03.30   -1.4
KEK      1.76 315 ePn    31 18.50    0.5
LSK      1.79 340 iPnd   31 18.70    0.2
                  iSn    31 45.20
LIT      1.84  27 ePb    31 18.80   -0.4
                  eSb    31 40.00
ATH      1.89 104 ePn    31 21.00    1.1
TPE      2.12 330 ePn    31 22.60   -0.6
VLI      2.13 145 ePb    31 27.00    3.6X
FNA      2.31 360 ePn    31 26.70    0.6
THE      2.48  29 ePn    31 28.85    0.5
VLO      2.48 324 ePn    31 34.50    6.1X
OHR      2.68 350 iPn    31 32.10    0.8
VAY      2.99  17 iPn    31 35.50   -0.1
TIR      3.11 338 ePn    31 47.00    9.8X
                  iSn    32 30.00
PHP      3.30 347 ePn    31 44.50    4.5X
SKO      3.50   1 ePn    31 43.80    0.9
      1.2s   110.00nm
                  eSn    32 24.30
                  i      32 31.30
                  Lg     32 49.00
MMB      3.59  29 iP     31 44.00   -0.2
KKB      3.63  20 iP     31 44.00   -0.7
PUK      3.75 343 ePn    31 52.40    6.0X
RZN      4.10  37 iP     31 52.00    0.4
VTS      4.34  18 eP     31 54.00   -1.0
     S.D. = 0.8  on  16 of  21 obs.
-----------------------------------
   FEB  22, 1992  18h 57m 52.34± 1.03s
   0.133 N ± 8.4km  121.953 E ±10.6km
   DEPTH = 219.9 ±  9.4 km
   4.7mb ( 13 obs.)
 MINAHASSA PENINSULA, SULAWESI     (265)

PCI      2.35 244 ePc    58 36.00   -0.3
                  eS     59 06.50
                  e      02 58.00
MTN     15.78 145 eP     01 25.00    0.4
      0.3s   134.00nm          5.8mb X
KNA     17.16 157 iPd    01 40.20   -0.2
KSI     19.71 259 eP     02 08.60    1.7
                  e      03 00.00
WB2     23.36 149 iPd    02 42.90    0.3
      0.6s    30.40nm          5.1mb
                  i      03 30.60
LOE     26.28 312 eP     03 09.20   -0.4
ASPA    26.35 155 iPc    03 10.40    0.2
      0.7s    15.90nm          4.8mb
WARB    26.55 171 eP     03 12.50    0.6
      0.4s     9.00nm          4.8mb
OIS     26.85 141 eP     03 15.00    0.3
      0.5s     6.00nm          4.5mb
                  i      04 04.00
CHG     29.24 311 eP     03 36.20    0.2
CHTO    29.24 311 iP     03 36.10    0.1
      0.8s     5.12nm          4.3mb
MRWA    29.74 191 iPd    03 40.20   -0.1
      0.5s    25.00nm          5.2mb
BAL     30.97 189 iPc    03 50.70   -0.4
      0.4s    20.00nm          5.2mb
KLB     31.80 187 iPd    03 58.00   -0.3
      0.3s     4.00nm          4.6mb
MUN     32.40 189 eP     04 02.00   -1.5
STK     36.87 152 eP     04 45.90    4.6X
      0.6s     9.70nm          4.6mb
GUN     44.24 312 P      05 42.40    0.2
PKI     44.42 311 P      05 43.40   -0.2
      0.6s    14.00nm          4.6mb
KKN     44.63 311 P      05 44.80   -0.3
      0.6s    14.00nm          4.6mb
DMN     44.67 311 P      05 45.40   -0.1
GKN     45.23 311 P      05 49.60   -0.2
      0.6s    23.00nm          4.7mb
HYB     46.02 294 iPc    05 56.10    0.0
      1.0s    70.00nm          5.0mb
     S.D. = 0.6  on  21 of  22 obs.
-----------------------------------
*  FEB  22, 1992  20h 22m 00.48± 0.87s
   45.462 N ± 6.8km   14.307 E ± 7.4km
   DEPTH =   5.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION        (383)
      MD 2.4 (LJU), 2.2 (TRI).

RIY      0.13 154 iPgd   22 03.20    0.0
                  iSg    22 05.20
CEY      0.29  17 e(Pg)  22 06.30    0.0
                  iSg    22 10.50
TRI      0.45 303 ePg    22 09.50   -0.1
```

22d 20h

```
                    iSg    22 17.50
VOY      0.64 333 ePg    22 13.40    0.1
                    iSg    22 23.40
PTJ      1.24  69 ePg    22 24.00    0.0
                    iSg    22 40.50
FVI      1.55 317 P      22 30.90    2.1X
                    eSg    22 53.00
     S.D. = 0.1  on   5 of   6 obs.
-----------------------------------------
*  FEB  22, 1992  21h 48m 09.91± 1.35s
   45.655 N ± 9.1km   26.485 E ± 9.7km
   DEPTH = 108.1 ± 16.0 km
 ROMANIA                              (358)

VRI      0.27  38 iPc    48 24.70   -0.2
CVO      0.27 308 iPc    48 24.50   -0.4
MLR      0.41 247 iPc    48 26.00   -0.4
BRD      0.42 109 iPd    48 26.50    0.2
ISR      0.52 175 iPc    48 27.20    0.2
BIR      1.00  52 eP     48 30.00   -1.3
CLI      1.05  32 iPd    48 32.00    0.2
CMP      1.09 250 ePc    48 34.00    1.8
PTT      1.28 357 eP     48 36.00    1.6
MDB      1.55 289 iPc    48 54.00   16.4X
TNR      1.55 271 ePc    48 36.00   -1.6
PSN      2.31 148 iP     48 47.00   -0.4
PVL      2.57 199 eP     48 52.00    1.2
PGB      3.52 209 iP     49 03.00   -0.8
VTS      3.87 219 iP     49 07.00   -1.5
RZN      4.17 199 eP     49 14.00    1.3
     S.D. = 1.2  on  15 of  16 obs.
-----------------------------------------
?  FEB  22, 1992  23h 40m 46.90± 2.96s
   32.404 S ±18.2km  179.493 W ±22.6km
   DEPTH = 135.2 ± 22.3 km
   5.4mb (  2 obs.)
 SOUTH OF KERMADEC ISLANDS            (179)

HBZ      5.49 199 eP     42 07.50   -0.1
KUZ      5.86 221 eP     42 19.20    6.5X
URZ      6.47 204 P      42 20.90    0.0
                    eS     43 42.20
NOZ      6.52 197 eP     42 20.70   -0.9
MOZ      7.66 216 eP     42 42.00    5.0X
MNG      9.14 205 eP     42 51.30   -5.6X
                    eS     44 37.60
DZM     16.18 306 iPc    44 29.10    1.2
STK     32.83 260 eP     47 15.50    6.0X
        1.2s      7.20nm          4.3mb X
QIS     38.25 278 eP     47 55.50    0.0
ASPA    41.78 270 iPc    48 25.00    0.4
        0.7s     68.50nm          5.4mb
WB2     42.94 275 iPd    48 33.80   -0.2
        0.4s    229.80nm          6.2mb X
WRA     42.95 275 P      48 34.00   -0.1
        0.4s    149.50nm          6.0mb X
WARB    46.98 263 eP     49 05.00   -1.1
SPA     57.77 180 iPc    50 28.60    2.8
        0.7s     35.16nm          5.4mb
KAF    145.97 339 ePKP   00 05.10   -5.2X
        0.4s      4.70nm
BCAO   147.45 215 iPKPc  00 14.10   -0.1
        0.2s     24.00nm
NUR    147.71 338 iPKP   00 11.30   -1.9
        0.4s      4.10nm
                    e      00 22.00
APO    150.50 347 ePKP   00 17.30   -0.2
        0.4s      3.70nm
NB2    150.51 349 PKP    00 17.60    0.0
        0.7s      4.50nm
LIC    153.45 168 (PKP)  00 27.80    4.7X
KIC    153.63 168 (PKP)  00 28.40    5.0X
TIC    153.86 167 (PKP)  00 29.60    5.9X
     S.D. = 1.2  on  14 of  22 obs.
-----------------------------------------
*  FEB  23, 1992  00h 35m 31.99± 0.67s
   51.030 N ±12.6km  176.187 W ± 8.1km
   DEPTH =  33.0km  (normal)
   4.4mb ( 12 obs.)
 ANDREANOF ISLANDS, ALEUTIAN IS. (  7)

ADK      0.91 340 iPc    35 48.15   -0.2
ANM     14.71  19 eP     39 01.54    2.3
PDB     15.19  46 eP     39 06.86    1.3
SVW     15.21  41 eP     39 06.43    0.6
        2.0s     65.28nm          4.5mb
KDC     15.30  55 eP     39 07.92    1.1
TTA     16.12  35 iPd    39 19.96    2.4
        1.1s     36.90nm          4.4mb
SLKM    17.30  47 eP     39 29.21   -3.1X
IMA     18.93  29 eP     39 50.20   -2.2
        0.8s      6.93nm          3.9mb
RND     19.11  39 eP     39 50.78   -3.7X
FBA     20.24  36 eP     40 03.33   -3.3X
        0.8s     17.04nm          4.4mb
BALM    21.15  49 eP     40 13.35   -2.9X
INK     26.82  34 eP     41 08.00   -2.5
MBC     33.33  21 eP     42 07.00   -1.3
YKA     34.28  46 eP     42 13.90   -2.8
        0.4s      0.80nm          4.0mb
PNT     35.51  70 eP     42 28.00    0.6
        0.7s      6.00nm          4.6mb
NEW     37.46  70 P      42 43.60   -0.2
        0.8s     11.25nm          4.8mb
SES     40.03  65 eP     43 06.00    0.7
FFC     43.01  55 eP     43 29.00   -0.5
        0.5s      4.00nm          4.4mb
RSSD    47.36  69 P      44 04.00   -0.7
GOL     49.20  74 ePd    44 19.42    0.4
        1.3s      3.54nm          4.2mb
                    epP    44 28.51   30kmX
LZH     57.06 288 iPd    45 17.50    0.3
        1.5s     45.00nm          5.3mb
      Z  16s      0.24um          4.4MszX
                    sP     45 24.50
                    i      45 52.00
CVL     65.91  59 eP     46 16.40   -0.1
HFS     68.90 355 eP     46 33.30   -1.7
        0.4s      1.90nm          4.5mb
GAR     73.15 312 eP     47 00.00   -1.0
GUN     73.51 294 P      47 04.00    0.5
KKN     73.94 294 P      47 06.20    0.3
PKI     74.03 294 P      47 06.80    0.2
GKN     74.15 295 P      47 07.40    0.4
DMN     74.18 294 P      47 07.80    0.5
QUE     81.90 309 eP     47 50.70    1.1
WRA     82.93 226 P      47 55.20    0.5
        0.7s      0.40nm          3.6mb
HYB     85.87 293 eP     48 09.70    0.0
     S.D. = 1.3  on  28 of  32 obs.
-----------------------------------------
&  FEB  23, 1992  01h 03m 12.80s
   37.522 N          118.432 W
   DEPTH =   8.0km
 CALIFORNIA-NEVADA BORDER REGION ( 40)
      <BRK>. ML 3.7 (BRK), 3.6 (PAS),
      3.5 (GS).

PPK      0.43 103 iPc    03 20.80   -0.7
BONR     0.44  13 ePd    03 21.12   -0.7
SVP      0.54  69 iPc    03 22.90   -0.8
LCH      0.69 114 iPc    03 25.70   -1.0
MGM      0.75  96 iPc    03 26.70   -1.1
TNP      1.11  59 iPd    03 33.28   -0.7
FRI      1.15 243 iPc    03 33.62   -0.8
                    eS     03 48.37
MCA      1.27 133 eP     03 35.40   -1.1
PANV     1.55 136 eP     03 40.50   -0.4
KVN      1.55  10 ePn    03 39.96   -0.9
                    eS     04 02.27
FMT      1.59 123 eP     03 41.20   -0.2
CMB      1.63 289 iPc    03 42.08    0.2
                    eS     04 03.89
TMBR     1.70 106 eP     03 42.50   -0.6
YMT3     1.77 114 P      03 43.80   -0.2
CLC      1.83 158 eP     03 44.50   -0.3
ISA      1.86 181 eP     03 46.20    1.0
                    eS     04 10.70
SDH      1.89 117 eP     03 45.50   -0.2
LSM      1.89 114 P      03 45.70   -0.1
PKEM     1.98 223 ePn    03 48.29    1.3
                    eS     04 12.61
LLA      2.20 247 eP     03 51.71    1.5
PRI      2.26 233 iPc    03 52.41    1.3
PHAM     2.31 224 ePn    03 54.18    2.4
                    eS     04 22.82
ARN      2.47 267 ePn    03 55.93    1.8
                    iPg    03 58.07
                    eS     04 26.54
SAO      2.52 253 eP     03 56.16    1.4
MHC      2.56 267 eP     03 56.80    1.4
GSC      2.58 149 eP     03 54.80   -0.8
PRS      2.64 244 eP     03 56.83    0.4
PRN      2.69  91 P      03 56.50   -0.9
ABL      2.74 194 ePn    04 00.57    2.5
                    eS     04 36.35
ORV      3.15 311 eP     04 06.30    2.7
SSK      3.36 169 ePn    04 08.51    1.7
                    eS     04 57.65
MIN      3.75 320 eP     04 21.78    9.4
PEC      3.77 164 ePn    04 12.05   -0.4
                    ePg    04 22.80
                    eS     05 09.71
TPC      3.92 150 eP     04 13.50   -1.2
LTCM     3.94 314 (P)    04 22.90    8.1
ARUT     3.97  85 ePn    04 14.57   -0.9
                    ePg    04 26.76
                    eS     05 17.77
PLM      4.35 162 ePn    04 22.32    1.4
                    eS     05 28.41
MSU      5.04  77 ePn    04 31.13    0.4
                    ePg    04 45.86
                    eS     05 49.22
DUG      5.13  57 ePn    04 32.05    0.1
        0.3s      7.75nm          4.8mb X
                    ePg    04 46.58
                    eS     05 53.37
GLA      5.35 145 ePn    04 34.79   -0.1
                    ePg    04 52.20
                    eS     06 00.49
        40 obs. associated
-----------------------------------------
*  FEB  23, 1992  02h 11m 40.18± 1.00s
   18.683 N ± 9.3km   66.960 W ± 9.6km
   DEPTH =  33.0km  (normal)
   3.6mb (  1 obs.)
 PUERTO RICO REGION                   ( 90)

APR      0.32 136 iP     11 48.30    0.2
MEP      0.54 182 iP     11 51.00   -0.3
                    S      12 07.00
MGP      0.68 190 iP     11 52.90   -0.5
PORP     0.70 154 iP     11 53.60    0.0
CLLP     0.70 149 iP     11 54.50    0.9
SJG      0.96 126 iP     11 57.70    0.4
LPR      1.10 110 iP     11 58.10   -1.3
                    S      12 18.20
CPD      1.18 123 iP     12 00.80    0.3
YKA     54.65 335 eP     21 08.10    0.2
        0.7s      0.40nm          3.6mb
     S.D. = 0.7  on   9 of   9 obs.
-----------------------------------------
?  FEB  23, 1992  02h 48m 10.90± 2.42s
   45.508 N ±21.6km   14.305 E ± 7.7km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION           (383)
      MD 2.4 (LJU), 2.3 (TRI).

CEY      0.25  20 e(Pg) 48 16.20    0.0
                    iSg    48 20.50
TRI      0.43 298 Pd     48 19.70    0.0
                    eSg    48 27.80
VOY      0.60 331 ePg    48 23.00   -0.1
                    eSg    48 33.40
PTJ      1.22  71 ePg    48 33.70    0.0
                    iSg    48 50.40
FVI      1.52 316 Pd     48 41.00    2.9X
                    eSg    49 05.50
     S.D. = 0.1  on   4 of   5 obs.
-----------------------------------------
?  FEB  23, 1992  03h 02m 35.00± 3.71s
   34.434 S ±16.3km   71.843 W ±25.9km
   DEPTH =  10.0km  (geophysicist)
 NEAR COAST OF CENTRAL CHILE          (135)
      MD 3.8 (SAN).

LNV      0.60  37 iPd    02 47.50    0.5
                    iS     02 58.00
LCCH     0.98  13 iPc    02 53.30   -0.3
                    iS     03 08.00
TACH     1.08  44 ePc    02 55.00   -0.4
CHCH     1.11  64 ePc    02 55.70   -0.1
                    iS     03 13.10
PCH      1.37  54 eP     03 00.00   -0.2
                    iS     03 20.00
SAN      1.39  45 eP     03 00.50    0.1
PEL      1.61  37 eP     03 04.00    0.4
                    iS     03 27.10
RFA      2.81  98 e(P)c  03 20.80    0.0
     S.D. = 0.4  on   8 of   8 obs.
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& FEB 23, 1992 03h 03m 42.42s
60.089 N 140.583 W
DEPTH = 12.7km
SOUTHEASTERN ALASKA (19)
<AEIC>. ML 2.5 (AEIC).

PCA	0.16	87	iP	03 46.55	0.0
			eS	03 50.93	
BCPM	0.50	106	eP	03 52.39	-0.1
YAH	0.64	296	iP	03 54.41	-0.8
			eS	04 04.92	
WRG	0.73	267	eP	03 55.52	-1.0
			eS	04 06.84	
PNL	0.73	125	iP	03 55.75	-0.8
CTGM	0.95	337	iP	03 58.96	-1.5
			eS	04 12.91	
HON	1.07	126	eP	04 01.02	-1.4
			eS	04 16.92	
BALM	1.29	318	iP	04 03.99	-2.2
			eS	04 23.02	
TGL	1.30	302	eP	04 04.54	-1.8
			eS	04 22.41	
CROM	1.43	299	eP	04 06.56	-1.7
HYT	1.70	63	Pn	04 12.50	0.5
			Sg	04 37.50	
KAIM	1.93	267	eP	04 09.80	-5.5
GLB	2.09	312	eP	04 16.54	-1.0
PLBC	2.23	105	Pg	04 20.90	1.3
			Sg	04 50.00	
SGAM	2.34	282	eP	04 19.69	-1.5
KLU	2.97	301	eP	04 29.12	-1.1
TOA	3.38	309	eP	04 33.57	-2.5
MTU	3.55	271	eP	04 36.06	-2.3

18 obs. associated

? FEB 23, 1992 03h 04m 29.23± 0.98s
43.628 N ±21.3km 12.424 E ± 9.5km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

CRE	0.34	270	P	04 36.40	0.0
			eSg	04 41.80	
ARV	0.40	109	P	04 37.40	0.0
			eSg	04 44.00	
SFI	0.51	305	P	04 39.60	0.1
			eSg	04 48.20	
PGD	0.57	296	P	04 40.70	-0.1
			eSg	04 50.00	

S.D. = 0.2 on 4 of 4 obs.

& FEB 23, 1992 03h 05m 56.35s
60.105 N 140.562 W
DEPTH = 13.7km
SOUTHEASTERN ALASKA (19)
<AEIC>. ML 2.6 (AEIC).

PCA	0.15	93	iP	06 00.44	0.1
			eS	06 04.85	
BCPM	0.49	108	eP	06 06.17	-0.1
YAH	0.64	294	iP	06 08.32	-0.7
			eS	06 18.77	
YKU	0.70	142	eP	06 09.34	-0.4
PNL	0.73	126	iP	06 09.60	-0.8
			eS	06 20.30	
WRG	0.74	265	eP	06 09.53	-1.0
			eS	06 20.65	
CTGM	0.94	336	iP	06 12.88	-1.2
			eS	06 26.65	
HON	1.08	127	eP	06 14.86	-1.4
			eS	06 30.87	
BALM	1.28	317	iP	06 17.84	-2.1
			eS	06 35.83	
TGL	1.30	301	eP	06 18.34	-1.8
			eS	06 36.34	
CROM	1.44	298	eP	06 20.76	-1.4
HYT	1.68	63	Pn	06 26.40	0.8
			Sg	06 51.50	
KAIM	1.94	266	eP	06 28.08	-1.2
GLB	2.08	311	eP	06 30.45	-0.9
PLBC	2.22	105	Pg	06 35.00	1.7
			Sg	07 04.00	
SGAM	2.35	282	eP	06 33.62	-1.5
KLU	2.97	300	eP	06 43.46	-0.5
GLI	3.32	286	eP	06 45.92	-3.0
TOA	3.38	309	eP	06 49.67	-0.2

19 obs. associated

% FEB 23, 1992 03h 09m 16.81± 1.14s
45.522 N ±10.6km 27.024 E ±12.1km
DEPTH = 33.0km (normal)
ROMANIA (358)

BRD	0.02	107	ePc	09 22.50	0.2
VRI	0.41	329	ePc	09 25.50	-0.6
ISR	0.51	222	ePc	09 27.50	-0.2
CVO	0.67	297	eP	09 30.60	0.8
MLR	0.76	268	ePc	09 31.00	-0.2

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

? FEB 23, 1992 04h 17m 23.32± 1.08s
30.958 N ±15.8km 142.092 E ±17.8km
DEPTH = 33.0km (normal)
4.0mb (3 obs.)
SOUTH OF HONSHU, JAPAN (211)

MAT	6.44	331	iPc	18 59.10	0.8
	0.8s		29.85nm		5.1mb X
			(S)	20 12.00	
CHG	40.73	263	eP	25 04.70	1.8
CHTO	40.73	263	eP	25 04.50	1.7
	0.8s		2.20nm		3.9mb
GUN	48.61	281	P	26 06.00	-0.4
PKI	49.12	281	P	26 07.40	-2.8
GKN	49.63	282	P	26 13.60	-0.4
ASPA	54.88	189	eP	26 52.90	-0.1
	0.6s		4.40nm		4.7mb
GAR	57.98	299	eP	27 15.00	-0.1
INK	59.58	25	eP	27 26.00	0.3
YKA	68.80	29	eP	28 26.50	0.5
	1.0s		1.00nm		3.8mb
KSP	85.57	329	eP	29 58.00	-1.4

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

? FEB 23, 1992 06h 08m 12.64± 3.55s
39.853 N ±31.7km 29.989 E ±11.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZI	0.63	321	iPg	08 26.20	0.9
			iSg	08 39.20	
EYL	0.72	10	iPg	08 27.00	0.0
			iSg	08 39.90	
YLV	0.86	327	ePg	08 29.10	-0.1
			eSg	08 44.00	
NAL	1.07	70	eP	08 33.00	0.1
ISK	1.40	330	ePn	08 37.20	-1.0

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

FEB 23, 1992 06h 15m 27.65± 0.49s
45.464 N ± 4.1km 14.333 E ± 3.9km
DEPTH = 5.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
MD 3.0 (TRI), 2.9 (LJU). ML 2.6 (VIE). Felt (IV) at Rijeka, Croatia. Also felt at Opatija, Grabnicka and Polje, Croatia.

RIY	0.13	163	iPgd	15 30.10	-0.2
			iSg	15 32.20	
CEY	0.28	13	iPgd	15 33.30	-0.1
			iSg	15 37.10	
TRI	0.47	302	iPgc	15 37.10	0.1
			iSg	15 45.10	
LJU	0.60	14	ePgc	15 39.60	0.0
			iSg	15 48.00	
VOY	0.65	332	iPgd	15 40.10	-0.5
			eSg	15 50.50	
VBY	0.65	86	ePg	15 40.90	0.2
			iSg	15 49.80	
ZAG	1.21	72	ePg	15 50.00	-0.6
			iSn	16 08.80	
PTJ	1.22	68	iPgc	15 51.50	0.6
			iSg	16 07.90	
FVI	1.56	317	P	15 57.60	1.5X
			eSg	16 15.50	
KBA	1.75	337	iPgc	16 01.10	2.0X
			iSg	16 24.20	
CTI	1.97	288	P	16 02.60	0.5
			eSg	16 27.60	
ARV	2.20	207	P	16 05.30	-0.1
SQTA	2.79	310	iPnd	16 16.20	2.3X
			i	16 23.40	
			iSg	16 53.00	

S.D. = 0.4 on 10 of 13 obs.

FEB 23, 1992 06h 20m 23.27± 0.16s
16.780 N ± 3.2km 146.159 E ± 4.5km
DEPTH = 98.4km (9 depth phases)
5.1mb (30 obs.)
MARIANA ISLANDS (216)

GUMO	3.41	202	eP	21 16.10	0.7
			i	21 17.50	
			eS	21 53.30	
PJG	3.41	202	eP	21 16.20	0.8
GUA	3.44	201	iP	21 16.70	0.9
IIDJ	20.02	340	eP	24 51.50	0.8
KAKJ	20.07	346	eP	24 49.70	-1.3
			eS	28 33.00	
CHJJ	20.22	343	P	24 51.70	-0.9
			S	28 30.70	
MAT	20.91	342	eP	24 59.00	-0.6
	0.9s		15.13nm		4.3mb
			eS	28 45.00	
MTMJ	21.07	341	eP	24 55.60	-5.7X
NIIJ	21.34	344	eP	25 03.10	-0.8
DAV	22.30	247	eP	25 12.00	-1.6
BAG	24.51	273	eP	25 37.50	2.3X
PMG	26.04	178	eP	25 48.80	-0.3
SSE	26.82	307	P	26 02.00	5.8X
	Z 20s		0.50um		4.1Msz
XAN	37.52	304	eP	27 32.20	2.8X
QIS	37.66	190	iPd	27 30.10	-0.5
	0.7s		34.00nm		5.4mb
GYA	37.83	292	P	27 36.00	3.8X
WB2	38.29	198	iPc	27 35.40	-0.5
	0.4s		74.40nm		5.9mb
			eS	33 20.20	
BTO	39.19	315	eP	27 47.80	4.4X
CD2	41.00	298	eP	27 59.20	0.9
			eS	34 06.00	
ASPA	41.94	197	eP	28 03.50	-2.5
	0.7s		28.30nm		5.2mb
	Z 21s		0.20um		4.0Msz
			eS	34 14.50	
LZH	42.09	306	eP	28 09.00	1.6
	1.5s		28.00nm		4.9mb
TPI	42.69	247	iPc	28 13.50	1.3
			e	29 00.00	
RMQ	43.08	177	iPc	28 14.80	-0.4
	0.4s		13.00nm		5.1mb
QLP	43.14	183	iPd	28 14.50	-1.2
	0.5s		37.00nm		5.5mb
DZM	43.42	152	iPc	28 19.10	1.0
NST	44.13	275	eP	28 30.00	6.1X
CHG	44.90	280	eP	28 33.00	2.9X
CHTO	44.90	280	iP	28 31.00	0.9
	1.1s		8.83nm		4.5mb
IPM	45.86	260	ePc	28 41.40	3.7X
GTA	46.07	309	eP	28 40.40	1.2
YAK	46.66	349	iPd	28 42.10	-1.2
	0.8s		47.00nm		5.4mb
			e	35 21.00	
KSI	47.57	249	eP	28 40.50	-10.6X
			e	29 30.00	
CMS	47.99	180	eP	28 53.00	-1.0
STK	48.58	185	iPc	29 02.30	3.7X
	0.5s		7.70nm		4.9mb
			eS	35 52.20	
FORR	50.44	200	eP	29 12.30	-0.5
	0.4s		17.00nm		5.4mb
BWA	50.96	178	eP	29 17.30	0.5
SHL	51.07	290	eP	29 18.00	-0.1
			eS	36 29.00	
LSA	51.73	295	P	29 25.00	1.6
CAN	51.88	177	iPc	29 24.10	0.3
CNB	51.90	177	iPd	29 24.40	0.5
	0.9s		22.00nm		5.2mb
ADE	51.94	188	iPd	29 24.70	0.4
	0.9s		84.03nm		5.8mb
COOL	53.15	207	eP	29 31.50	-1.7
TOO	54.06	181	iPd	29 40.90	1.1
	0.7s		34.00nm		5.5mb
MRWA	54.22	213	eP	29 40.00	-1.1
BAL	54.98	211	eP	29 45.50	-1.1
SDN	55.79	34	eP	29 50.84	-1.3
WMQ	55.90	312	eP	29 54.00	0.7
MUN	56.35	211	iPd	29 55.50	-0.9
GUN	56.37	293	P	29 57.20	0.0
PKI	56.80	292	P	30 00.20	0.0
DMN	57.06	292	P	30 02.40	0.4

23d 06h

```
GKN     57.46 293 P      30 04.40  -0.2
RKG     58.11 208 eP     30 08.50  -0.2
SVW     60.28  28 eP     30 22.90  -0.5
        0.9s    31.72nm          5.4mb
PDB     60.51  30 eP     30 23.42  -1.5
RSO     61.40  30 eP     30 29.89  -1.4
SLKM    62.62  30 eP     30 38.05  -1.1
IMA     62.85  23 eP     30 40.01  -0.7
        1.6s    19.42nm          4.8mb
PMR     63.40  29 eP     30 42.81  -1.4
        1.6s    89.88nm          5.5mb
RND     63.99  27 eP     30 46.18  -2.0
HYB     64.29 282 eP     30 51.00   0.2
FBA     64.82  26 eP     30 51.51  -1.9
        0.4s     5.36nm          4.8mb
KOD     66.84 274 eP     31 08.20   0.7
INK     70.96  23 ePd    31 30.80  -0.8
MBC     74.89  14 eP     31 54.50   0.0
        0.9s    10.00nm          4.7mb
MCW     78.25  43 eP     32 14.80   1.0
GMW     78.52  44 eP     32 16.00   0.8
SHW     79.18  45 eP     32 20.33   1.3
RMW     79.18  44 eP     32 19.57   0.6
LON     79.34  44 eP     32 19.57  -0.2
YKA     79.47  28 eP     32 19.10  -0.9
        0.7s     6.60nm          4.6mb
PNT     80.17  41 ePd    32 24.00  -0.1
        1.0s    31.00nm          5.1mb
VGB     80.33  45 eP     32 25.16   0.1
LTCM    80.65  51 eP     32 26.99   0.2
ORV     81.27  51 eP     32 30.08   0.0
                ePP      32 56.18 100km
DPW     81.44  43 eP     32 31.08   0.2
ARN     81.80  54 eP     32 33.41   0.5
                ePP      32 59.81 101km
NEW     82.04  42 P      32 34.30   0.4
        1.0s    52.50nm          5.3mb
                pP       33 00.00  98km
CMB     82.50  53 eP     32 37.09   0.5
        1.2s    21.01nm          4.9mb
                ePP      33 03.38 100km
PHAM    83.08  55 eP     32 40.30   0.8
PKEM    83.24  55 eP     32 41.58   1.2
KVN     83.95  51 eP     32 44.65   0.5
BONR    84.11  52 eP     32 45.45   0.4
                ePP      33 11.17  97km
ISA     84.63  55 eP     32 47.00  -0.4
TNP     84.89  52 eP     32 49.26   0.4
        0.7s    10.39nm          4.9mb
                ePP      33 15.25  98km
SES     85.15  39 iPd    32 50.20   0.5
        1.2s   108.00nm          5.7mb
CLC     85.27  54 eP     32 51.00   0.4
SBB     85.42  55 eP     32 52.00   0.6
LRM     85.83  43 ePd    32 53.90   0.5
HPI     86.10  46 eP     32 55.68   0.8
PEC     86.18  56 eP     32 55.17   0.0
        1.2s    22.43nm          5.1mb
PTI     86.88  46 eP     32 59.40   0.9
BAR     86.94  57 eP     33 04.00   5.2X
HVU     86.97  47 eP     32 59.62   0.7
                ePP      33 25.65  98km
DUG     87.47  49 eP     33 01.82   0.4
        0.7s     3.97nm          4.6mb
ARUT    87.82  51 eP     33 03.52   0.4
GLA     88.30  56 eP     33 06.01   0.6
FFC     88.47  33 iPd    33 05.90   0.3
        0.7s    16.00nm          5.2mb
MSU     88.51  50 ePd    33 07.13   0.6
                ePP      33 33.52  99km
DAU     88.52  48 eP     33 07.09   0.5
                ePP      33 30.69  87kmX
EMUT    89.04  49 eP     33 09.73   0.7
SRU     89.51  49 eP     33 11.21   0.0
RSSD    91.99  43 P      33 22.00  -0.5
        1.0s    10.85nm          5.1mb
GOL     92.96  47 eP     33 28.66   1.5
        1.5s    10.54nm          5.0mb
                ePP      33 54.50  96km
KIC    143.17 306 (PKP)  39 42.40  -6.0X
ARE    143.96  95 ePKP   39 49.00  -1.0
RFA    144.28 127 iPKP   39 49.40  -0.4
MDZ    144.61 124 e(PKP)39 50.10  -0.3
LPB    147.20  95 PKP    39 56.00   0.5
     S.D. = 0.9  on  96 of 109 obs.
-------------------------------------
   FEB  23, 1992  06h 49m 55.57± 0.54s
      43.981 N ±10.5km  147.971 E ± 8.6km
      DEPTH =  33.0km  (normal)
      4.6mb ( 20 obs.)
 KURIL ISLANDS                        (221)

KUSJ     2.53 251 eP     50 34.50  -0.7
                eS       51 01.50
HOOJ     3.78 247 eP     50 54.90   2.0
                eS       51 37.80
ASAJ     3.84 274 eP     50 57.30   3.5X
MRRJ     5.28 255 eP     51 15.80   1.7
                eS       52 16.40
OFUJ     6.81 226 eP     51 33.70  -2.0
                S        52 44.30
BJI     23.87 272 eP     55 08.00   1.3
TIY     27.45 269 eP     55 40.80   0.4
LZH     34.36 272 eP     56 41.00  -0.5
        1.5s    28.00nm          5.0mb
GTA     35.84 280 P      56 54.00  -0.1
        0.8s     6.00nm          4.6mb
IMA     38.16  34 iP     57 13.77   0.6
FBA     40.56  36 iP     57 33.68   0.7
INK     45.90  30 eP     58 17.00   0.8
CHG     47.92 254 eP     58 33.00   0.3
CHTO    47.92 254 eP     58 32.50  -0.2
        1.0s     5.00nm          4.5mb
GUN     51.59 274 P      59 01.00  -0.2
KKN     52.09 274 P      59 04.40  -0.5
PKI     52.13 274 P      59 04.80  -0.5
DMN     52.33 274 P      59 06.40  -0.2
GKN     52.43 275 P      59 07.00  -0.3
YKA     55.28  34 eP     59 26.60  -1.0
        0.6s     0.90nm          4.0mb
HYB     63.37 269 eP     00 23.00  -1.1
WRA     64.83 194 P      00 33.80   0.5
        0.7s     0.60nm          3.8mb
TNP     67.84  58 eP     00 53.20   0.4
NB2     69.60 339 P      01 01.00  -2.0
        0.8s     3.50nm          4.5mb
HFS     69.71 338 eP     01 02.10  -1.5
        0.4s     1.80nm          4.5mb
CLL     77.38 333 iPc    01 48.00  -0.4
        1.0s    11.00nm          4.8mb
PRU     77.98 331 eP     01 51.50  -0.3
KHC     79.04 331 P      01 58.10   0.4
GEC2    79.25 331 Pd     01 58.00  -0.8
        0.5s     1.02nm          4.1mb
LOR     83.78 336 eP     02 22.40  -0.1
        1.0s    10.00nm          4.9mb
LBF     84.00 336 eP     02 23.40  -0.3
        0.8s     2.70nm          4.5mb
SSF     84.07 336 eP     02 24.50   0.6
        0.9s     4.90nm          4.7mb
SMF     84.35 336 eP     02 25.40   0.0
        1.0s     8.00nm          4.9mb
AVF     84.36 336 eP     02 26.10   0.7
        1.0s     6.00nm          4.7mb
LPL     84.48 334 eP     02 26.40   0.1
        0.6s     2.25nm          4.5mb
LPG     84.49 334 eP     02 26.70   0.3
        0.6s     2.25nm          4.5mb
MAF     85.10 337 eP     02 29.50   0.4
        0.8s     8.05nm          5.0mb
TCF     85.14 337 eP     02 29.70   0.3
LSF     85.37 337 eP     02 30.90   0.4
        1.0s     9.00nm          4.9mb
MFF     85.50 339 eP     02 30.90  -0.2
        1.0s    12.00nm          5.1mb
CAF     86.43 336 eP     02 36.90   1.1
        0.8s     4.05nm          4.7mb
     S.D. = 0.9  on  40 of  41 obs.
-------------------------------------
?  FEB  23, 1992  08h 02m 04.90± 1.12s
     9.881 S ±22.0km  111.531 E ±15.8km
     DEPTH =  33.0km  (normal)
     4.9mb (  4 obs.)
 SOUTH OF JAWA, INDONESIA             (282)

KHKI     4.30  70 eP     03 10.10   0.4
                e(S)     03 53.00
                e        07 31.00
WB2     24.19 117 iPd    07 20.70   1.1
        0.3s    21.40nm          5.2mb
ASPA    25.38 125 eP     07 30.00  -1.0
        0.6s    16.30nm          4.8mb
      Z  23s     0.20um          3.6MszX
STK     35.40 133 eP     09 06.80   6.9X
        0.5s     2.90nm          4.5mb
PKI     45.02 326 P      10 23.80   4.0X
GUN     45.03 327 P      10 19.00  -0.9
DMN     45.21 326 P      10 22.60   1.4
KKN     45.26 327 P      10 22.40   0.9
GKN     45.78 326 P      10 25.60   0.0
LZH     46.29 351 eP     10 19.00 -10.5X
        2.0s    21.00nm
YAK     73.07   9 eP     13 31.30  -2.0
        1.4s    26.00nm          5.0mb
     S.D. = 1.4  on   8 of  11 obs.
-------------------------------------
   FEB  23, 1992  09h 58m 37.09± 1.04s
   39.362 N ±10.0km   21.579 E ± 6.9km
   DEPTH =  10.0km  (geophysicist)
 GREECE                               (364)
      MD 2.7 (THE).

AGG      0.67 120 ePg    58 51.62   1.1
                eSg      59 02.40
IGT      0.98 280 ePg    58 55.10  -0.6
                eSg      59 08.04
LIT      1.02  43 ePb    58 57.48   1.1
                eSb      59 13.60
FNA      1.43 354 ePb    59 04.08   1.0
                eSb      59 23.00
GRG      1.71  21 ePb    59 07.32   0.2
                eSb      59 30.01
PAIG     1.72  70 ePb    59 05.96  -1.2
                eSb      59 27.24
OHR      1.85 341 ePn    59 09.50   0.4
SOH      1.99  42 ePn    59 09.60  -1.7
OUR      2.09  62 ePn    59 11.92  -0.6
                eSn      59 38.57
VAY      2.10  21 ePn    58 58.00 -14.7X
SRS      2.33  41 ePn    59 16.48   0.3
SKO      2.61 358 ePn    59 11.50  -8.5X
     S.D. = 1.1  on  10 of  12 obs.
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&  FEB  23, 1992  10h 47m 53.73s
   36.026 N            117.891 W
   DEPTH =   6.0km  (geophysicist)
 CALIFORNIA-NEVADA BORDER REGION ( 40)
      <PAS-P>. ML 2.8 (PAS), 2.7 (GS).

PANV     0.74  60 iPd    48 07.10  -1.4
MCA      0.79  38 P      48 07.70  -1.8
OSM      0.83  94 P      48 08.40  -1.8
FMT      1.09  55 P      48 13.20  -1.4
SGV      1.18  36 P      48 15.20  -1.0
LCH      1.22   9 P      48 15.50  -1.4
PPK      1.40 359 P      48 19.20  -0.8
SDH      1.40  63 P      48 18.60  -1.3
YMT3     1.41  57 P      48 18.90  -1.2
MGM      1.45  13 P      48 20.20  -0.5
YMT6     1.46  55 P      48 19.20  -1.5
LSM      1.49  61 P      48 20.00  -1.1
JON      1.50  74 P      48 19.60  -1.7
ABL      1.60 223 eP     48 22.11  -0.7
                iS       48 40.61
SVP      1.69   2 P      48 23.90  -0.3
PKEM     1.80 272 eP     48 26.36   0.9
                iS       48 50.88
BONR     1.95 350 ePn    48 28.00   0.0
                iPg      48 30.09
BCH      1.97 245 ePn    48 27.43  -0.7
                iS       48 53.25
PHAM     2.04 265 ePn    48 29.23   0.1
                iS       48 55.54
TNP      2.12  14 ePn    48 29.34  -1.0
                ePg      48 32.30
                iS       49 03.57
PEC      2.21 164 ePn    48 29.64  -1.9
                iPg      48 34.68
                iS       49 01.70
PLM      2.80 162 ePn    48 39.47  -0.6
CMB      2.83 316 ePn    48 39.84  -0.5
                iS       49 18.96
MSU      5.19  60 P      49 08.10  -5.9
     24 obs. associated
-------------------------------------
?  FEB  23, 1992  11h 42m 24.93± 1.20s
   31.585 S ±15.0km   68.830 W ±27.6km
   DEPTH =  80.0km  (geophysicist)
 SAN JUAN PROVINCE, ARGENTINA         (137)

RTCB     0.10  15 iPd    42 37.00   0.1
```

S 43 09.00
ZON 0.13 73 eP 42 37.00 0.0
eS 42 49.00
RTLL 0.40 51 iPc 42 38.00 -0.1
CFA 0.50 93 iPd 42 39.00 0.1
MDZ 1.29 181 iP 42 48.00 0.0
iS 43 06.20
S.D. = 0.1 on 5 of 5 obs.

• FEB 23, 1992 12h 03m 11.79± 0.85s
36.391 N ±16.7km 49.179 E ±14.6km
DEPTH = 10.0km (geophysicist)
4.5mb (9 obs.)
WESTERN IRAN (347)
Felt at Rudbor.

TEH 1.90 109 iPc 03 43.50 -1.2
KER 2.65 220 ePc 04 10.50 15.1X
TAB 2.83 307 eP 04 08.00 10.1X
MSL 4.87 272 ePn 04 45.00 18.2X
eP* 04 54.00
ePg 05 09.00
eSn 05 52.00
eS* 06 10.00
eSg 06 24.00
BHD 5.02 233 ePn 04 54.00 25.1X
eSn 06 03.00
eS* 06 18.00
SHI 7.29 156 eP 05 01.00 -0.1
MAIO 8.32 88 ePn 05 09.00 -6.5X
0.8s 15.01nm 5.3mb
eSn 06 42.00
QUE 16.09 108 eP 07 01.30 1.5
eS 12 03.80
GAR 16.93 75 eP 06 58.00 -12.4X
CLI 19.23 309 eP 07 53.50 14.8X
BUC1 19.30 301 eP 07 54.00 14.4X
VRI 19.33 306 eP 07 52.00 12.1X
MLR 19.71 305 eP 07 52.00 7.6X
OBN 20.61 339 iPd 07 51.30 -2.2
1.1s 80.00nm 5.0mb
e 08 23.00
KRA 25.12 312 eP 08 45.50 7.5X
KSP 27.58 312 eP 09 06.00 5.3X
GEC2 28.65 307 Pc 09 17.10 6.5X
0.7s 3.48nm 4.3mb
NUR 28.77 335 eP 09 13.30 1.9
0.6s 5.40nm 4.5mb
KAF 29.44 338 iP 09 19.40 2.0
0.8s 8.00nm 4.6mb
CLL 29.70 312 eP 09 25.00 5.2X
1.0s 10.00nm 4.6mb
GRF 30.42 308 eP 09 26.40 0.1
GKN 31.01 95 P 09 32.80 0.9
DMN 31.56 96 P 09 37.20 0.4
KKN 31.62 95 P 09 37.80 0.5
PKI 31.82 96 P 09 37.40 -1.8
GUN 32.05 95 P 09 41.40 0.1
APO 32.94 328 eP 09 48.00 -0.2
0.5s 2.40nm 4.4mb
NB2 34.35 328 P 10 00.00 -0.5
0.9s 2.30nm 4.1mb
YKA 80.59 352 eP 15 24.00 -1.5
0.9s 1.10nm 3.9mb
S.D. = 1.4 on 15 of 29 obs.

FEB 23, 1992 12h 41m 52.94± 1.23s
40.737 N ±11.1km 30.349 E ± 8.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EYL 0.23 220 ePg 41 57.90 0.0
YLV 0.76 257 iPg 42 06.90 -1.0
eSg 42 17.90
IZI 0.78 239 iPg 42 07.40 -0.8
eSg 42 18.40
NAL 0.90 126 iP 42 10.00 -0.3
ISK 1.03 289 iPg 42 12.30 -0.1
iSg 42 25.80
DST 1.74 230 iPn 42 25.10 1.7
DMK 2.23 300 ePn 42 31.00 0.5
S.D. = 1.1 on 7 of 7 obs.

FEB 23, 1992 13h 52m 43.18± 0.29s
44.123 N ± 3.4km 16.664 E ± 2.8km
DEPTH = 11.1 ± 2.1 km
NORTHWESTERN BALKAN REGION (383)
ML 3.7 (ZAG), 3.6 (TRI), 3.6
(TTG), 2.9 (LJU).

HVAR 0.96 190 ePg 52 57.60 -3.7X
iSg 53 12.60
VBY 1.71 325 ePnd 53 13.50 0.5
iSn 53 38.00
iSg 53 40.60
BRY 1.83 131 iPnc 53 15.38 0.4
iSn 53 42.00
PTJ 1.85 345 iPnc 53 14.90 -0.2
iSn 53 41.90
RIY 2.03 308 ePn 53 18.60 0.9
iSn 53 48.90
PLE 2.13 111 iPnc 53 19.95 0.7
iSn 53 50.29
HCY 2.14 141 iPnc 53 19.08 -0.3
iSn 53 49.20
NKY 2.15 127 iPnc 53 19.90 0.4
iSn 53 49.84
CEY 2.27 316 ePn 53 22.50 1.4
eSn 53 54.50
BDV 2.43 139 iPnd 53 23.02 -0.3
iSn 53 56.09
LJU 2.44 323 ePn 53 27.00 3.4X
eSg 54 00.50
TTG 2.54 131 iPnc 53 25.02 0.1
iSn 53 59.44
TRI 2.60 309 eP 53 28.70 2.9X
i(Sg) 54 07.00
IVA 2.66 117 iPnc 53 27.27 0.4
iSn 54 02.92
VOY 2.74 315 ePn 53 28.90 1.0
eSn 54 07.20
ARV 2.77 258 P 53 27.90 -0.3
BEO 2.80 74 ePn 53 35.00 6.3X
e(Sn) 54 06.00
UZD 2.82 28 ePn 53 34.60 5.7X
PVY 2.86 121 iPnd 53 29.75 0.2
iSn 54 07.40
ULC 2.87 138 iPnc 53 29.48 -0.2
iSn 54 06.85
DUI 2.95 214 P 53 33.00 2.2
SDA 2.96 134 ePn 53 31.50 0.6
AQU 2.97 235 P 53 30.40 -0.7
BCI 3.04 124 ePn 53 34.10 2.0
ASS 3.09 251 P 53 32.90 0.1
PUK 3.15 130 ePn 53 31.60 -2.0
iSn 54 16.60
SDI 3.20 222 P 53 34.40 0.1
LACI 3.34 137 ePn 53 37.50 1.1
MNS 3.39 241 P 53 37.70 0.6
KKS 3.42 125 ePn 53 40.00 2.5X
CRE 3.44 263 P 53 38.30 0.4
SFI 3.48 268 P 53 38.80 0.6
PGD 3.58 268 P 53 40.70 0.9
TIR 3.64 139 ePn 53 49.00 8.4X
iSn 54 25.20
FVI 3.69 313 P 53 41.30 0.0
PHP 3.69 130 ePn 53 41.30 0.0
iSn 54 27.30
SGO 3.70 196 P 53 41.00 -0.5
KBA 3.76 323 iPnc 53 49.30 6.8X
0.5s 12.30nm
iSn 54 35.60
i 54 49.90
SRO 3.87 17 i(P) 53 43.20 -0.6
CTI 4.04 300 P 53 46.20 -0.1
eSn 54 31.10
ZST 4.09 4 i(P) 53 45.50 -1.3
SKO 4.11 120 ePn 53 47.50 0.3
1.2s 59.00nm
Lg 55 08.00
OHR 4.29 133 ePn 53 50.00 0.2
CSI 4.35 184 P 53 48.40 -2.4
PSZ 4.41 30 e(P) 53 51.00 -0.6
PII 4.45 267 P 53 51.00 -1.1
ROI 4.55 181 P 53 51.30 -2.2
SOTA 4.92 311 iPnd 53 59.90 1.0
iSn 55 01.50
LSK 4.93 142 ePn 53 55.50 -3.5X
MDI 5.20 291 P 54 00.60 -2.1
KHC 5.44 338 Pn 54 05.20 -1.0
e 54 12.00
Sg 55 09.50
PGF 5.81 257 Pn 54 12.00 0.6
VAI 5.86 290 P 54 12.00 0.0
PRU 6.04 347 ePn 54 24.00 9.4X
e 54 49.00
e 55 27.00
Sg 55 41.00
SBF 6.66 271 Pn 54 24.20 0.8
LPG 7.18 284 Pn 54 30.20 -0.7
LPL 7.20 285 Pn 54 30.40 -0.7
Sn 55 42.60
FRF 7.27 269 Pn 54 32.00 0.2
S.D. = 1.0 on 48 of 58 obs.

% FEB 23, 1992 14h 21m 20.94± 0.70s
44.480 N ±10.7km 4.997 E ±11.5km
DEPTH = 5.0km (geophysicist)
FRANCE (538)

LRG 1.42 136 Pn 21 46.60 -0.8
Pg 21 48.70
Sn 22 05.80
Sg 22 09.40
FRF 1.50 127 Pg 21 49.40 0.8
Sn 22 09.00
Sg 22 12.00
CAF 2.14 283 Pg 21 57.80 0.0
Sg 22 23.40
SMF 2.31 340 Pg 21 59.20 -1.1
Sg 22 26.00
MAF 2.44 316 Pg 22 01.50 -0.7
Sg 22 30.30
BGF 2.57 325 Pg 22 03.60 -0.3
Sg 22 35.40
LBF 2.61 344 Pg 22 04.50 0.0
Sg 22 34.20
TCF 2.67 314 Pg 22 06.60 1.2
LOR 2.90 344 Pg 22 09.50 0.9
Sg 22 43.60
S.D. = 0.9 on 9 of 9 obs.

? FEB 23, 1992 15h 19m 10.72± 1.19s
7.914 S ±12.7km 131.014 E ±22.8km
DEPTH = 74.0 ± 13.9 km
4.5mb (1 obs.)
TANIMBAR ISLANDS REG., INDONESIA(281)

SLKI 0.29 103 iPc 19 22.10 -0.3
iS 19 44.60
MTN 4.90 179 eP 20 25.00 1.4
e 21 20.00
KNA 8.09 196 eP 21 06.90 -0.9
0.3s 18.00nm 5.4mb X
eS 22 32.00
QIS 15.07 147 eP 22 41.00 0.1
eS 24 08.00
ASPA 15.91 170 eP 22 51.00 -0.6
0.3s 10.70nm 4.5mb
eS 25 40.10
CHG 41.30 310 eP 26 51.00 0.2
S.D. = 1.3 on 6 of 6 obs.

% FEB 23, 1992 15h 27m 58.87± 0.89s
45.575 N ± 7.2km 26.849 E ± 7.2km
DEPTH = 10.0km (geophysicist)
ROMANIA (358)

BRD 0.15 112 iPd 28 02.50 0.0
VRI 0.31 344 ePc 28 05.00 -0.3
ISR 0.49 206 ePc 28 09.00 0.2
CVO 0.53 298 eP 28 10.50 0.8
MLR 0.64 263 eP 28 11.00 -0.8
S.D. = 0.9 on 5 of 5 obs.

& FEB 23, 1992 15h 33m 33.86s
60.528 N 150.654 W
DEPTH = 12.3km
2.5mb (1 obs.)
KENAI PENINSULA, ALASKA (14)
<AEIC>. ML 2.8 (AEIC).

SLKM 0.22 95 iPd 33 38.86 0.1
eS 33 42.50
NNL 0.58 214 ePd 33 46.17 0.7
SEW 0.74 125 ePc 33 47.95 -0.1
eS 33 58.21
BRLK 0.78 189 ePc 33 48.04 -0.7
eS 33 58.21
RDT 0.87 274 iPd 33 49.45 -0.9
eS 34 01.24

23d 15h

PMS	0.90	36	ePc	33 49.73	-1.1
SUA	0.94	357	iPc	33 51.23	-0.4
SPU	0.95	314	ePc	33 50.70	-1.1
BKG	0.96	305	iPd	33 50.81	-1.1
DFR	1.01	275	iPd	33 51.55	-1.2
REF	1.01	269	iPd	33 51.92	-1.0
			eS	34 05.11	
CKN	1.02	314	eP	33 52.40	-0.6
CGLM	1.02	320	ePc	33 52.08	-1.0
RSO	1.04	267	iPd	33 52.34	-1.1
			eS	34 06.06	
CRP	1.04	316	ePc	33 52.71	-0.7
RDN	1.04	270	eP	33 52.17	-1.3
RS2	1.04	267	iPd	33 52.39	-1.1
RS1	1.04	267	iPd	33 52.40	-1.1
CNPM	1.05	196	ePc	33 52.39	-1.0
			eS	34 06.47	
CKL	1.06	310	iPc	33 52.73	-1.0
RDW	1.07	268	eP	33 53.44	-0.4
BGL	1.12	312	iPc	33 53.89	-0.9
NCG	1.14	321	eP	33 54.23	-0.9
INE	1.29	250	ePd	33 56.17	-1.5
			eS	34 12.70	
PLRM	1.30	34	eP	33 56.01	-1.7
PMR	1.30	34	ePn	33 55.69	-2.0
			iS	34 13.69	
INW	1.32	251	ePd	33 56.63	-1.4
KNK	1.39	49	eP	33 58.89	-0.1
LTI	1.48	108	eP	34 00.85	0.6
GHO	1.50	33	ePc	34 00.13	-0.5
SKT	1.52	344	iPc	34 00.50	-0.3
			eS	34 20.61	
SML	1.71	40	ePc	34 03.57	0.0
GLI	1.79	77	eP	34 05.20	0.5
AUI	1.84	231	eP	34 05.33	-0.1
CUT	1.89	5	ePc	34 06.31	0.1
PDB	1.92	249	eP	34 06.39	-0.2
SYI	2.12	205	eP	34 08.61	-0.8
MCNL	2.30	236	eP	34 12.23	0.2
KLU	2.50	65	eP	34 15.15	0.2
SVW	2.50	286	eP	34 17.60	2.6
			iS	34 49.85	
TOA	2.68	52	eP	34 19.56	2.0
TRF	2.94	3	eP	34 22.53	1.2
RND	3.01	16	eP	34 22.88	0.6
			eS	35 14.02	
KTH	3.04	358	eP	34 22.71	0.1
SDG	3.16	48	eP	34 22.98	-1.4
GLB	3.46	72	eP	34 27.83	-0.7
PAX	3.48	43	eP	34 28.26	-0.6
TTA	3.51	316	(P)	34 35.02	5.7
			eS	35 23.23	
FBA	4.58	15	ePc	34 45.38	0.9
YKA	17.17	68	eP	37 35.70	1.0

0.5s 0.20nm 2.5mb
50 obs. associated

FEB 23, 1992 16h 17m 52.51± 0.90s
30.646 N ± 8.6km 105.507 W ± 7.5km
DEPTH = 5.0km (geophysicist)
TEXAS-MEXICO BORDER REGION (518)
mbLg 3.4 (GS), 3.4 (TUL).

SFTX	1.22	126	P	18 16.10	0.4
MOT	1.29	88	iPd	18 16.50	-0.6
EPT	1.41	323	ePd	18 20.60	1.6
			e(S)	18 40.50	
MTX	1.97	99	P	18 27.90	0.8
LTX	2.06	129	P	18 28.20	-0.1
			S	18 55.09	
CLNB	2.13	40	iPnc	18 29.70	0.4
			iPg	18 30.90	
			eS	18 59.00	
CLN7	2.28	39	iPnc	18 31.80	0.3
			iPg	18 33.40	
			eS	19 05.20	
ANTR	2.40	48	ePn	18 34.10	0.8
			iPg	18 35.50	
			eS	19 11.00	
SMNM	3.38	338	iPnd	18 46.50	-0.6
			ePg	18 56.30	
			eS	19 38.80	
CRNM	3.46	343	ePn	18 47.50	-0.8
			ePg	18 56.60	
			eS	19 43.00	
SBM	3.61	337	ePg	18 59.30	8.7X
			eS	19 48.00	
BNM	3.61	345	ePn	18 51.50	1.0
			ePg	19 00.00	
			eS	19 46.00	
WTX	3.63	341	ePn	18 51.50	0.8
			ePg	19 02.00	
			eS	19 50.00	
LPM	3.78	346	ePn	18 52.70	-0.2
			ePg	19 04.30	
			eS	19 50.00	
BMNM	3.91	338	ePn	18 54.20	-0.6
			ePg	19 07.70	
			eS	19 57.50	
LAZ	3.99	340	ePn	18 55.20	-0.7
			ePg	19 06.90	
ALQ	4.36	350	P	19 02.90	1.8
MEO	7.14	53	iPd	19 36.70	-3.5X
PV09	8.38	340	e(Pn)	19 57.00	-0.9
			ePg	20 30.00	
			eS	22 17.00	
GOL	9.03	1	e(Pn)	20 04.66	-2.2X
			eP*	20 20.17	
			ePg	20 37.74	
			eS	22 25.32	
SRU	9.39	335	P	20 14.30	2.6X
VVO	9.44	58	ePn	20 07.30	-4.9X
TUL	9.68	55	(Pn)	20 14.80	-0.6
LNO	9.68	55	ePn	20 14.70	-0.7
RLO	10.34	55	ePn	20 19.40	-5.2X
FVM	14.44	56	P	21 12.70	-6.9X
ELC	15.03	60	P	21 20.50	-6.8X
YKA	32.40	352	eP	24 22.90	-2.2

0.8s 0.10nm 2.8mb
S.D. = 1.0 on 20 of 28 obs.

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* FEB 23, 1992 16h 43m 38.41± 1.45s
31.706 S ± 8.2km 71.570 W ±14.4km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.7 (SAN).

JACH	1.28	140	iPd	43 59.50	-0.7
			iS	44 15.50	
ROCH	1.35	160	iPc	44 00.80	-0.5
			iS	44 17.50	
PEL	1.62	153	iPd	44 04.20	-0.8
			iS	44 23.00	
TLL	1.67	23	iPd	44 05.70	-0.3
			iS	44 29.00	
LCCH	1.76	180	iP	44 09.20	2.1
RTBS	1.81	89	eP	44 09.00	1.3
			S	44 31.00	
TACH	2.01	165	iP	44 10.50	-0.3
			iS	44 34.10	
PCH	2.11	155	iPd	44 12.60	0.5
LNV	2.25	177	iP	44 12.20	-1.8
CHCH	2.35	161	iP	44 16.90	1.3
			iS	44 43.10	
RTCB	2.37	85	iPc	44 16.00	0.0
			S	44 45.50	
CACH	2.54	162	iP	44 18.00	-0.3
RTLL	2.67	83	eP	44 20.00	-0.1
CFA	2.84	89	eP	44 22.00	-0.5

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

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* FEB 23, 1992 16h 53m 41.12± 2.09s
31.526 S ± 9.2km 69.360 W ±10.9km
DEPTH = 132.8 ± 23.9 km
SAN JUAN PROVINCE, ARGENTINA (137)
MD 3.9 (SAN).

RTBS	0.16	210	iPd	53 59.00	-0.6
			S	54 45.00	
RTCB	0.48	85	iPc	54 00.20	-0.6
ZON	0.58	92	iPd	54 02.00	0.7
			eS	54 15.00	
RTLL	0.79	76	ePc	54 02.40	-0.4
CFA	0.96	95	iPd	54 04.00	-0.2
MDZ	1.42	162	iP	54 09.80	0.8
			iS	54 30.20	
JACH	1.56	222	iP	54 11.60	1.1
TLL	1.84	317	iP	54 14.50	0.5
			iS	54 39.20	
PEL	1.97	214	iPc	54 15.40	0.1
			iS	54 40.10	
ROCH	2.01	224	iP	54 15.80	-0.2
PCH	2.31	205	iPd	54 20.00	0.4
			iS	54 48.90	
TACH	2.51	212	iP	54 21.50	-0.5
			iS	54 53.40	
CHCH	2.64	204	iPd	54 23.90	0.1
			iS	54 55.40	
LCCH	2.70	223	iPd	54 24.50	0.0
CACH	2.79	202	iPc	54 26.30	0.5
LNV	2.98	215	iP	54 26.30	-1.8

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

% FEB 23, 1992 16h 57m 50.79± 0.99s
42.139 N ± 6.7km 19.215 E ±10.4km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (3B3)
ML 1.5 (TTG).

ULC	0.18	172	iPgd	57 54.81	0.0
			iSg	57 57.74	
TTG	0.29	7	iPgc	57 56.85	0.0
			iSg	58 01.81	
BDV	0.32	297	iPgc	57 57.70	0.2
			iSg	58 03.13	
HCY	0.61	300	iPgd	58 02.83	-0.3
			iSg	58 12.51	
BRY	0.91	327	iPgc	58 08.41	0.1
			iSg	58 22.61	

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

? FEB 23, 1992 17h 18m 32.97± 1.01s
17.848 N ±12.8km 145.494 E ±62.3km
DEPTH = 33.0km (normal)
3.7mb (1 obs.)
MARIANA ISLANDS (216)

SAPN	2.64	175	eP	19 14.60	0.4
			e	19 17.60	
			eS	19 42.00	
GUMO	4.28	188	eP	19 37.20	-0.3
			eS	20 24.20	
PJG	4.28	188	eP	19 37.40	-0.1
GUA	4.32	188	eP	19 38.00	-0.1
INK	70.23	23	eP	29 44.00	-0.3
MBC	74.02	14	eP	30 08.00	1.2
YKA	78.83	28	eP	30 33.00	-0.9

0.6s 0.50nm 3.7mb
S.D. = 0.8 on 7 of 7 obs.

FEB 23, 1992 17h 24m 36.83± 0.65s
40.380 N ± 8.2km 33.123 E ± 6.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

BBTK	0.61	207	iPgd	24 49.00	-0.1
			iSg	24 59.00	
KAS	1.10	26	iPgc	24 57.20	-0.4
			iSg	25 12.50	
NAL	1.40	263	iP	25 01.70	-0.8
			eS	25 22.10	
EYL	2.27	276	ePn	25 15.60	0.5
KVT	2.33	72	iPn	25 16.20	0.4
ALT	2.67	241	ePn	25 20.60	-0.2
IZI	2.79	270	ePn	25 22.60	0.2
YLV	2.87	275	ePn	25 23.60	0.1
DST	3.54	259	ePn	25 33.40	0.4

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

? FEB 23, 1992 17h 51m 05.13± 2.02s
7.183 S ±15.7km 129.001 E ±21.7km
DEPTH = 163.7 ± 23.2 km
4.7mb (1 obs.)
BANDA SEA (280)

MTN	6.01	160	iPc	52 33.30	0.4

0.3s 134.00nm 5.7mb X

			eS	53 21.00	
KNA	8.52	182	eP	53 06.00	-0.4
			eS	54 33.00	
QIS	16.80	143	eP	54 52.00	-0.3
			eS	57 50.00	
ASPA	17.05	165	iPd	54 55.60	0.2

0.7s 25.00nm 4.7mb

			eS	57 57.90	
FORR	23.56	182	eP	56 02.00	0.2
GUN	54.33	312	P	00 17.40	-0.1
PKI	54.49	311	P	00 18.40	-0.3
KKN	54.71	311	P	00 20.20	0.1
DMN	54.74	311	P	00 20.60	0.2
GKN	55.30	311	P	00 24.20	-0.1

S.D. = 0.3 on 10 of 10 obs.

& FEB 23, 1992 18h 53m 12.48s
61.524 N 146.119 W
DEPTH = 40.7km
SOUTHERN ALASKA (2)
<AEIC>. ML 2.6 (AEIC).

KLU	0.10	108	ePc	53 19.02	-0.3
			eS	53 23.35	
VZW	0.51	204	iPd	53 22.56	-0.9
TOA	0.58	358	iPd	53 23.72	-0.7
			eS	53 32.79	
TZL	0.62	32	ePd	53 24.29	-0.6
GLI	0.80	217	iPd	53 26.57	-0.8
			eS	53 38.51	
SDG	1.04	15	iPd	53 29.82	-1.0
			eS	53 43.36	
SML	1.09	286	iPc	53 30.27	-1.3
GLB	1.11	93	iPc	53 30.92	-0.9
			eS	53 45.18	
SGAM	1.12	156	ePd	53 31.36	-0.5
			eS	53 44.65	
KNK	1.13	265	iPc	53 31.58	-0.5
			eS	53 46.70	
GHO	1.36	282	ePc	53 34.41	-1.0
			eS	53 53.21	
PLRM	1.44	274	iPc	53 35.85	-0.6
			eS	53 54.79	
PMR	1.44	274	iPc	53 35.49	-1.0
			iS	53 54.46	
PAX	1.48	12	iPd	53 36.25	-0.9
			eS	53 54.76	
CRQM	1.64	117	eP	53 39.22	-0.2
PMS	1.68	262	ePc	53 39.71	-0.2
LTI	1.71	211	ePd	53 39.78	-0.6
MTU	1.72	207	ePd	53 39.97	-0.4
TGL	1.77	114	iPc	53 40.61	-0.7
BALM	1.89	103	iPc	53 42.09	-0.9
CUT	2.15	296	iPc	53 46.18	-0.5
SEW	2.17	230	eP	53 46.44	-0.4
HUR	2.20	313	eP	53 47.34	-0.1
SUA	2.22	270	eP	53 47.43	-0.3
SLKM	2.24	245	eP	53 47.56	-0.5
DDM	2.28	3	eP	53 49.04	0.5
RND	2.28	327	eP	53 47.56	-1.0
DOT	2.34	23	eP	53 49.81	0.5
CTGM	2.38	102	eP	53 49.40	-0.7
YAH	2.43	117	eP	53 49.72	-1.1
DJE	2.52	4	eP	53 51.15	-0.8
MCK	2.57	331	eP	53 52.51	-0.1
SKT	2.61	282	ePc	53 51.90	-1.3
TRF	2.74	317	eP	53 54.73	-0.3
CGLM	2.84	268	eP	53 57.38	0.9
SPU	2.88	266	eP	53 55.30	-1.7
NCG	2.90	270	eP	53 56.46	-0.9
HDA	2.92	353	eP	53 57.97	0.5
BRLK	2.94	235	ePc	53 56.67	-1.1
BKG	3.00	264	eP	53 58.42	-0.3
CKL	3.01	266	eP	53 58.16	-0.8
KTH	3.02	315	eP	53 58.25	-0.7
BGL	3.03	268	eP	53 59.45	0.3
WRH	3.09	344	eP	54 00.B9	0.9
RDT	3.20	255	eP	54 00.00	-1.7
CNPM	3.23	234	eP	54 00.61	-1.3
DFR	3.33	257	eP	54 03.88	0.5
NEA	3.35	338	eP	54 01.93	-1.7
REF	3.37	255	eP	54 03.44	-0.7
FBA	3.47	34B	ePn	54 04.38	-1.0
GLM	3.52	351	eP	54 04.76	-1.4
MDM	3.58	345	eP	54 05.48	-1.4
PDB	4.34	250	(Pn)	54 16.33	-1.3
TTA	4.84	291	(Pn)	54 21.06	-3.7
IMA	5.66	327	ePn	54 35.95	-0.4

55 obs. associated

FEB 23, 1992 19h 42m 21.75± 0.17s
25.810 S ± 3.6km 179.727 W ± 4.8km
DEPTH = 435.2km (3 depth phases)
5.1mb (25 obs.)
SOUTH OF FIJI ISLANDS (171)

SVA	7.84	347	ePc	44 14.50	-1.9
VUN	7.94	347	iP	44 15.10	-2.5
WCZ	11.31	205	P	44 57.70	2.5
KUZ	11.57	199	P	45 00.90	2.8X
			eS	47 10.50	
HBZ	11.87	188	eP	44 59.10	-2.2
PUZ	12.35	187	eP	45 03.20	-3.3X
			S	47 18.50	
WLZ	12.64	197	eP	45 11.50	1.9
URZ	12.70	191	eP	45 07.80	-2.4
			eS	47 25.40	
TAZ	12.79	194	eP	45 13.00	1.8
NOZ	12.91	188	eP	45 11.40	-1.1
DZM	13.18	284	iPd	45 17.40	1.8
			iS	47 43.20	
PAHZ	13.29	191	eP	45 15.70	-1.0
MOZ	13.48	199	eP	45 19.90	1.3
MAHZ	13.49	188	eP	45 18.50	-0.3
MOH	13.54	190	eP	45 18.40	-0.9
RUZ	13.91	196	eP	45 22.80	-0.5
WAHZ	14.23	192	eP	45 23.10	-3.6X
TEHZ	14.43	191	eP	45 28.10	-0.7
PGZ	15.14	192	eP	45 34.90	-1.2
MNG	15.30	194	eP	45 33.60	-4.1X
			eS	48 12.00	
AMW	15.91	192	eP	45 43.10	-0.8
TCW	16.15	196	eP	45 43.90	-2.5X
ORZ	16.30	201	P	45 48.20	0.2
THZ	17.04	199	eP	45 54.40	-1.0
			eS	48 48.20	
KHZ	17.47	197	P	45 59.00	-0.6
			S	48 55.80	
LTZ	18.16	199	eP	46 06.00	-0.5
MQZ	18.91	197	eP	46 13.50	-0.1
EWZ	19.26	201	eP	46 16.70	-0.4
ODZ	20.71	200	eP	46 30.10	-1.0
MSZ	21.31	205	eP	46 37.80	1.1
TUZ	21.84	200	eP	46 41.00	-0.6
BRS	24.62	260	iPc	47 08.30	1.0
	1.2s	41.00nm		4.8mb	
ARMA	25.65	253	iPc	47 18.30	1.7
	0.5s	73.00nm		5.4mb	
CNB	28.16	243	iPd	47 40.20	1.5
			i	47 41.60	5kmX
RMQ	28.27	262	iPd	47 41.00	1.4
	0.4s	121.00nm		5.7mb	
CAN	28.45	243	eP	47 42.30	1.1
BWA	28.77	245	eP	47 43.20	-0.8
CMS	30.67	251	iPd	48 01.10	0.6
	0.5s	38.00nm		5.1mb	
TOO	31.66	240	iPd	48 10.20	1.2
	0.8s	122.00nm		5.4mb	
			i	51 06.00	
QLP	32.28	261	iPd	48 14.80	0.5
	0.6s	205.00nm		5.7mb	
			e	48 33.00	77kmX
BFD	33.90	241	iPc	48 30.70	2.9X
	0.5s	29.00nm		4.9mb	
STK	34.29	251	iPd	48 36.20	5.1X
	0.8s	40.10nm		4.9mb	
			eScP	54 05.10	
			eScS	58 08.50	
PMG	35.39	291	eP	48 40.00	-0.5
ADE	36.78	246	eP	48 52.20	0.2
	0.7s	156.16nm		5.5mb	
QIS	37.64	269	iPd	49 00.40	1.3
			iS	54 15.60	
ASPA	42.01	263	iPd	49 34.80	0.1
	0.5s	93.60nm		5.4mb	
			e	54 32.00	
			eS	55 20.00	
FORR	45.86	251	eP	50 04.30	-0.5
	0.3s	69.00nm		5.5mb	
KNA	48.92	271	eP	50 27.90	-0.5
	0.4s	34.00nm		5.1mb	
COOL	51.77	250	iPc	50 58.00	8.6X
	0.4s	53.00nm		5.2mb	
KLB	54.50	248	iPd	51 07.90	-1.1
	0.4s	76.00nm		5.4mb	
BAL	55.57	249	iPd	51 15.30	-1.3
	0.4s	51.00nm		5.2mb	
MUN	55.72	248	iPd	51 16.20	-1.4
MRWA	56.48	251	iPd	51 32.00	9.1X
NANU	58.62	258	eP	51 37.00	-0.6
SPA	64.34	180	iPd	52 17.20	2.4
	0.6s	19.92nm		4.9mb	
			e	53 49.60	433km
CHJJ	72.83	326	iP+	53 05.30	-0.9
IIDJ	72.94	325	iP+	53 06.10	-0.8
MAT	73.61	326	iPc	53 09.50	-1.2
	0.8s	18.66nm		4.8mb	
MTMJ	73.85	326	P	53 11.30	-0.9
TSRJ	74.00	324	iPd	53 12.60	-0.3
HOOJ	75.96	333	eP	53 24.20	0.6
KUSJ	75.98	334	eP	53 23.70	0.0
KSI	77.34	272	eP	53 31.50	-0.4
			e	54 20.00	201kmX
ASAJ	77.66	333	eP	53 34.20	1.3
PRS	82.74	44	iPc	54 00.53	1.0
GCC	82.79	43	iPc	54 00.54	0.8
BCH	82.83	45	eP	54 00.83	0.6
PCC	82.86	42	iPc	54 00.71	0.6
PHAM	83.04	45	eP	54 01.94	0.8
PRI	83.06	44	eP	54 02.36	1.0
LLA	83.18	44	iPc	54 02.57	0.8
ABL	83.18	46	eP	54 02.45	0.3
ARN	83.28	43	eP	54 02.67	0.4
MWC	83.57	47	eP	54 04.00	0.0
BAR	83.58	49	eP	54 04.00	0.1
SSK	83.80	47	eP	54 05.50	0.3
PLM	83.85	49	eP	54 06.08	0.6
PEC	83.97	48	eP	54 05.84	0.0
	0.6s	9.81nm		4.7mb	
SBB	84.00	47	eP	54 06.00	0.0
ISA	84.16	46	iPc	54 07.00	0.2
FRI	84.19	44	iPc	54 07.12	0.3
CMB	84.42	43	iPc	54 08.12	0.1
ORV	84.70	41	iPc	54 09.59	0.3
WDC	84.75	40	iPc	54 10.08	0.6
CLC	84.82	46	iPd	54 10.00	-0.1
TPC	84.84	48	eP	54 11.00	0.9
BONR	85.66	44	eP	54 14.64	0.3
			epP	55 52.86	432km
TNP	86.42	45	eP	54 18.01	0.1
	0.8s	26.92nm		5.1mb	
KVN	86.45	43	eP	54 17.87	-0.1
SHW	88.56	36	eP	54 28.43	0.7
VGB	88.91	37	eP	54 29.19	-0.1
LON	89.15	36	eP	54 30.13	-0.2
			epP	56 06.11	416kmX
GMW	89.16	35	eP	54 30.85	0.5
			epP	55 56.55	366kmX
SLKM	89.32	14	eP	54 29.55	-1.3
PGC	89.55	33	eP	54 33.00	1.0
RMW	89.61	35	eP	54 32.49	0.0
MCW	89.88	34	eP	54 34.09	0.5
MSU	89.91	46	eP	54 34.91	0.6
TTA	90.43	11	eP	54 35.10	-0.8
	0.8s	6.23nm		4.6mb	
CHG	90.58	291	eP	54 38.60	1.2
SRU	91.32	47	eP	54 40.76	0.1
HVU	91.34	44	eP	54 41.08	0.4
DPW	91.76	36	eP	54 42.19	-0.2
PNT	91.92	35	eP	54 43.00	0.0
	0.8s	10.00nm		4.9mb	
ALQ	91.93	52	eP	54 44.38	0.8
	0.8s	6.70nm		4.7mb	
			epP	56 25.62	441km
RND	92.20	13	eP	54 42.59	-1.5
HPI	92.23	42	eP	54 45.26	0.4
FBA	93.75	13	eP	54 49.00	-2.0
	0.8s	10.72nm		5.0mb	
			epP	56 32.73	454kmX
LZH	94.74	308	eP	54 48.00	-8.4X
GOL	95.05	48	eP	54 58.29	0.4
	0.8s	4.25nm		4.6mb	
			epP	56 24.62	368kmX
SES	97.07	37	eP	55 06.00	-0.4
INK	99.79	16	eP	55 17.00	-1.2
YKA	101.97	26	ePdiff	55 28.10	0.0
	0.6s	0.40nm		4.2mb	
BNH	120.46	52	ePKP	00 22.79	-1.0
KAF	139.73	341	iPKP	00 50.50	-9.3X
	0.7s	8.50nm			
NUR	141.49	341	iPKP	00 56.40	-6.6X
	0.5s	4.60nm			
NB2	144.00	351	PKP	01 04.80	-2.5X
	0.7s	41.60nm			
HFS	144.46	348	ePKP	01 06.00	-2.1
	0.5s	51.60nm			
CSS	150.17	296	ePKP	01 23.50	5.5X
EKA	150.40	4	PKPc	01 22.40	4.8X
	0.5s	7.20nm			
KRA	151.42	333	ePKP	01 15.90	-3.4X
MLR	151.55	320	ePKP	01 25.00	5.1X
			e	13 58.00	
KSP	152.15	338	ePKP	01 21.00	0.6
BCAO	152.46	223	iPKPc	01 29.70	7.8X
	0.2s	20.00nm			

```
                ic     01 42.90
CLL   152.74 342 iPKP  01 28.60    7.4X
       0.8s     28.00nm
                e      03 12.00
BRG   152.86 341 iPKP  01 29.00    7.6X
       0.6s     16.00nm
WTS   153.38 351 ePKP  01 30.00    8.0X
       0.9s     20.00nm
                e      01 43.50
PRU   153.46 339 PKPc  01 30.10    7.9X
                e      01 37.00
                e      01 44.70
BZS   153.86 325 ePKP  01 26.00    3.2X
KHC   154.51 339 ePKP  01 32.60    8.9X
                e      01 49.60
GEC2  154.72 339 PKP   01 22.90   -1.2
       0.7s      0.61nm
KIC   160.07 165 (PKP) 01 31.40    0.0
     S.D. = 1.0  on 108 of 132 obs.
-----------------------------------------
   FEB  23, 1992  20h 06m 25.26± 0.2Bs
   41.556 N ± 5.4km   81.267 E ± 4.9km
   DEPTH =  33.0km  (normol)
   4.7mb ( 29 obs.)
 SOUTHERN XINJIANG, CHINA          (321)

KSH      4.54 244 Pn     07 38.20    4.6X
                Sn     08 31.00
WMO      5.25  62 Pn     07 43.60    0.0
     Z  12s      3.33um
GAR      8.75 257 eP     08 33.60    1.0
                eS     10 18.00
                LQ     11 18.00
                LR     12 24.00
NDI     13.26 196 eP     09 31.00   -2.7X
       0.5s     21.13nm          5.4mb
                eS     11 53.00
GKN     13.80 167 P      09 39.60   -1.4
       0.9s     26.00nm          5.0mb
KKN     14.12 165 P      09 43.60   -1.7
       0.7s     18.00nm          4.9mb
GUN     14.13 163 P      09 44.00   -1.5
DMN     14.27 166 P      09 46.40   -0.8
GTA     14.28  93 P      09 43.80   -3.4X
       0.9s     10.00nm          4.4mb
     Z  12s      0.91um          4.4Msz
                sP     09 57.00
LSA     14.29 143 eP     09 50.20    2.5
PKI     14.36 165 P      09 46.80   -1.7
       0.8s     21.00nm          4.8mb
QUE     16.20 230 eP     10 12.20    0.0
                eS     13 04.50
MAIO    17.72 260 eP     10 29.00   -2.1
SHL     18.21 148 eP     10 35.00   -2.3
                eS     14 03.50
LZH     18.40 100 eP     10 40.00    0.4
       2.0s     21.00nm          4.0mb
     Z  16s      0.34um          3.9Msz
                eS     14 00.00
IRK     18.96  48 eP     10 52.10    6.0X
                LR     18 09.00
CD2     20.97 113 eP     11 09.00    1.1
BTO     21.66  83 eP     11 13.40   -1.5
HHC     22.76  82 eP     11 25.00   -0.8
       1.6s     20.00nm          4.3mb
     Z  12s      0.72um          4.3MszX
     N  10s      0.27um
     E  10s      0.45um
XAN     23.04 100 eP     11 28.20   -0.3
     N  11s      0.48um
     E  10s      0.43um
POO     23.81 198 eP     11 41.50    5.5X
HYB     24.17 186 eP     11 41.00    1.4
       0.8s    500.00nm          6.1mb X
                e      11 44.50
                eS     16 06.00
KMI     24.20 126 eP     11 46.00    6.0X
TIY     24.24  89 eP     11 40.00   -0.2
     Z  14s      0.83um          4.4MszX
     N  10s      0.44um
GYA     25.76 118 P      11 57.00    2.3
       1.4s     17.00nm          4.5mb
                pP     12 07.00   37kmX
CHG     27.23 141 eP     12 10.50    2.3
CHTO    27.23 141 eP     12 10.50    2.3
       1.0s      4.50nm          4.1mb
HFS     44.32 319 eP     14 33.20   -0.2
       0.4s      1.90nm          4.3mb
KSP     44.57 305 eP     14 36.50    0.9
NB2     45.42 320 P      14 42.10   -0.2
       0.7s      4.40nm          4.5mb
PRU     45.8B 304 eP     14 47.50    1.5
                e      14 52.00
BRG     46.00 306 eP     14 59.40   12.4X
CLL     46.46 306 iP     14 50.50    0.0
       1.3s     19.00nm          4.9mb
KHC     46.73 303 eP     14 53.50    0.7
                e      15 10.50
GEC2    46.74 303 Pd     14 53.40    0.5
       0.6s      0.55nm          3.7mb X
VBY     46.B1 298 e(P)   14 54.20    0.8
GRF     4B.02 305 eP     15 04.30    1.4
       1.5s     38.00nm          5.2mb
                e      15 09.30
                e      15 14.60
CDF     50.90 304 eP     15 25.00   -0.1
BSF     51.42 304 eP     15 28.90   -0.1
       1.2s     17.85nm          4.9mb
LPG     52.36 301 eP     15 36.90    0.5
       0.8s      8.05nm          4.7mb
LPL     52.36 301 eP     15 36.70    0.3
       1.0s     16.00nm          4.9mb
LBF     53.51 304 eP     15 43.80   -0.B
       1.0s      6.00nm          4.5mb
SMF     53.73 303 eP     15 45.60   -0.6
       1.2s     10.40nm          4.7mb
SSF     53.77 304 eP     15 45.90   -0.5
       1.0s      7.00nm          4.6mb
AVF     53.9B 304 eP     15 47.50   -0.4
       1.2s     20.85nm          5.0mb
MAF     54.71 303 eP     15 53.40    0.0
       1.0s     10.00nm          4.8mb
TCF     54.90 304 eP     15 54.50   -0.4
       1.0s      8.00nm          4.7mb
LPO     56.27 302 eP     16 04.80    0.1
       1.0s     10.00nm          4.8mb
LFF     56.43 303 eP     16 06.10    0.3
       1.0s     16.00nm          5.0mb
MBC     61.74   5 ePd    16 41.30   -0.9
       1.0s      5.00nm          4.6mb
BCAO    66.82 255 iPd    17 16.10    0.0
       0.8s     14.00nm          5.1mb
INK     67.40  13 eP     17 1B.00   -0.9
YKA     75.52   8 eP     18 05.70   -1.8
       0.9s      1.40nm          4.0mb
BUL     78.37 230 iPd    18 25.30    1.1
ASPA    81.15 132 iPd    18 40.00    1.1
       0.9s      7.40nm          4.7mb
KIC     82.84 272 (P)    1B 47.60   -0.3
FFC     84.05   2 eP     1B 52.00   -1.4
       1.2s     18.00nm          5.1mb
     S.D. = 1.2  on  50 of  57 obs.
-----------------------------------------
?  FEB  23, 1992  23h 24m 05.85± 1.29s
   61.858 N ±11.0km    5.143 E ±10.5km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN NORWAY                   (535)
      MD 2.2 (BER).

FRO      0.16 231 iP     24 09.43   -0.1
                eS     24 12.49
FOO      0.26 190 eP     24 11.60    0.2
                eS     24 15.99
HYA      0.86 144 eP     24 22.18   -0.1
                eS     24 35.39
MOL      1.33  57 eP     24 30.48    0.1
                eS     24 49.41
     S.D. = 0.2  on   4 of   4 obs.
-----------------------------------------
?  FEB  23, 1992  23h 40m 25.49± 6.94s
   35.588 S ±46.5km   71.889 W ±42.0km
   DEPTH =  90.0km  (geophysicist)
 CENTRAL CHILE                     (136)
      MD 3.9 (SAN).

LNV      1.68  14 iPd    40 53.20   -0.7
                iS     41 20.40
CACH     1.81  36 iPc    40 56.00    0.2
CHCH     1.94  32 iPc    40 57.50    0.0
                iS     41 28.30
TACH     2.08  22 iPd    40 59.10   -0.3
                iS     41 31.10
LCCH     2.12   7 iP     41 00.70    0.8
PCH      2.27  30 iP     41 02.10    0.2
SAN      2.36  26 iPc    41 03.50    0.4
                iS     41 37.80
PEL      2.63  23 iPd    41 07.00    0.1
                iS     41 44.20
ROCH     2.71  16 iPc    41 07.70   -0.4
RFA      2.92  75 eP     41 10.80    0.0
JACH     3.09  21 eP     41 13.00   -0.2
     S.D. = 0.5  on  11 of  11 obs.
-----------------------------------------
   FEB  24, 1992  00h 06m 31.94± 0.39s
   46.511 N ± 3.5km    2.942 E ± 3.7km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                            (53B)
      ML 1.9 (STR).

BGF      0.08 305 Pg     06 34.50    0.1
                Sg     06 36.00
MAF      0.39 222 Pg     06 39.70   -0.2
                Sg     06 45.10
AVF      0.40  45 Pg     06 40.20    0.1
                Sg     06 45.70
AGO      0.4B 164 Pg     06 41.00   -0.6
TCF      0.55 247 Pg     06 43.10   -0.1
                Sg     06 50.20
SMF      0.63  77 Pg     06 44.40   -0.3
SSF      0.67  35 Pg     06 45.30    0.0
                Sg     06 54.30
PLDF     0.72 139 Pg     06 47.25    1.1
                Sg     06 56.39
PYM      0.76 177 Pg     06 46.49   -0.4
                Sg     06 57.03
LBF      0.86  56 Pg     06 47.80   -0.7
                Sg     06 59.40
                Sn     07 02.30
LOR      0.9B  39 Pg     06 51.00    0.4
                Sg     07 03.70
                Sn     07 05.80
LSF      1.01 256 Pg     06 51.40    0.3
                Sg     07 04.20
                Sn     07 06.90
LBL      1.30 170 Pg     06 56.41    0.4
                Sg     07 13.38
RJF      1.56 220 Pg     07 02.20    2.4X
                Sg     07 21.20
     S.D. = 0.5  on  13 of  14 obs.
-----------------------------------------
?  FEB  24, 1992  00h 16m 50.42± 2.92s
   37.062 N ±26.3km   28.478 E ±20.3km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                            (366)

CIN      0.62 330 eP     17 03.00    0.1
ELL      1.19 105 iPn    17 12.20   -0.5
KHL      1.51  33 ePn    17 17.00   -0.6
BCK      1.73  76 ePn    17 21.70    0.9
     S.D. = 1.2  on   4 of   4 obs.
-----------------------------------------
   FEB  24, 1992  00h 57m 53.60± 0.29s
   30.879 N ± 5.5km  141.759 E ± 4.7km
   DEPTH =  43.3km  (  7 depth phases)
   5.0mb ( 40 obs.)  4.5Msz (  5 obs.)
 SOUTH OF HONSHU, JAPAN            (211)
      CENTROID, MOMENT TENSOR      (HRV)
      Data Used: GDSN
      L.P.B.: 15S, 21C
      Centroid Location:
      Origin Time        00:57:53.6 0.9
      Lat 31.22N 0.09 Lon 142.02E 0.08
      Dep  43.9 6.2 Half-duration  2.1
      Moment Tensor;   Scale 10**16 Nm
        Mrr= 3.37 0.37  Mtt= 1.34 0.67
        Mff=-4.71 0.47  Mrt=-0.23 0.65
        Mrf= 2.47 0.93  Mtf=-0.63 0.44
       Principal Axes:
        T  Val=  4.12  Plg=72  Azm=243
        N        1.33       9        2
        P       -5.45      16       95
      Best Double Couple:Mo=4.8*10**16
       NP1:Strike=198 Dip=30 Slip= 108
       NP2:        357      61       80

MAT      6.37 333 iPc    59 27.30   -0.2
       0.7s     73.29nm          5.4mb
                eS     00 37.00
MDJ     16.72 328 Pd     01 44.50   -1.7
       1.2s     75.00nm          4.7mb
     Z  18s      1.81um          4.1MszX
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```
      N  14s      2.35um
      E  10s      1.12um
                   sP     01 58.90
                   S      04 49.00
GUMO    17.45 170 eP     02 12.90   17.5X
SSE     17.64 276 Pc     01 59.00    1.2
        1.5s     46.00nm          4.4mb
      Z  16s      2.60um          4.2Msz
      N  10s      0.70um
      E  12s      0.70um
                   PP     02 16.00
                   sS     05 32.00
SNY     18.23 312 Pc     02 04.00   -1.0
        1.4s    120.00nm          4.9mb
      Z  16s      1.88um          4.4MszX
      N  15s      2.26um
      E  16s      1.24um
CN2     18.25 320 P      02 03.60   -1.5
        1.4s    130.00nm          4.9mb
      Z  18s      2.56um          3.9MszX
      N  14s      1.81um
      E  14s      0.84um
                   eS     05 30.00
DL2     18.33 301 eP     02 10.00    3.8X
      Z  14s      0.88um
      N  14s      2.72um
      E  14s      1.36um
                   eS     05 26.00
NJ2     19.57 279 Pc     02 22.00    1.2
        1.0s     27.00nm          4.5mb
      N  10s      0.64um
      E  11s      0.67um
TIA     21.19 291 eP     02 36.70   -0.8
      Z  14s      2.54um          4.8MszX
      N  14s      1.52um
      E  14s      1.35um
QZH     21.29 260 eP     02 37.00   -1.6
      Z  18s      1.21um          4.3Msz
      E  18s      1.36um
                   eS     06 32.00
BJI     22.69 301 ePd    02 52.00   -0.4
        1.5s    160.00nm          5.2mb
      Z  20s      1.81um          4.5Msz
      N  12s      0.93um
                   epP    03 04.00   48km
                   ePP    03 24.00
                   eS     07 00.00
WHN     23.55 276 Pc     03 01.50    0.7
        1.5s     50.00nm          4.8mb
      Z  16s      1.79um          4.6MszX
      N  12s      0.52um
      E  16s      1.72um
BAG     24.10 238 eP     03 05.00   -1.5
                   eS     07 22.00
TIY     25.10 294 Pd     03 16.00    0.1
        1.2s     70.00nm          5.1mb
      Z  16s      2.15um          4.8MszX
      E  14s      2.29um
                   S      07 32.00
                   sS     07 47.50
HHC     26.30 301 Pd     03 27.30    0.3
        1.0s     23.00nm          4.7mb
      Z  18s      2.66um          4.8Msz
      N  10s      0.34um
      E  13s      1.04um
                   sP     03 39.00
                   PP     04 08.00
                   sS     08 16.00
BTO     27.40 299 P      03 37.00   -0.1
        1.2s     57.00nm          5.1mb
      N  14s      2.05um
      E  15s      1.77um
                   pP     03 49.00   47km
XAN     27.82 285 P      03 40.10   -0.8
      N  14s      1.28um
                   eS     08 24.00
GYA     31.03 271 eP     04 08.80   -0.9
      Z  16s      0.89um          4.5MszX
      N  15s      0.97um
      E  15s      0.65um
LZH     31.91 290 eP     04 16.00   -1.4
        1.5s     17.00nm          4.7mb
      Z  20s      0.84um          4.4Msz
      E  14s      0.97um
                   pP     04 26.00   36km
                   sP     04 30.50
                   PP     05 27.00
```

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                   eS     09 28.00
                   sS     09 50.00
YAK     32.12 349 eP     04 17.10   -1.6
        1.2s     30.00nm          5.0mb
                   e      04 29.00   45km
                   eS     09 27.00
                   e      10 09.00
CD2     32.51 280 eP     04 20.70   -1.8
      Z  16s      1.61um          4.8MszX
      N  13s      1.55um
                   sS     09 51.00
IRK     34.68 319 eP     04 42.20    1.2
        1.5s    110.00nm          5.6mb
      Z  17s      1.16um          4.7MszX
      N  14s      0.29um
      E  14s      0.79um
                   e      04 55.10   49km
                   LR     17 55.00
GTA     35.08 296 P      04 44.80    0.0
        0.8s     28.00nm          5.2mb
      Z  16s      1.74um          4.9MszX
      E  14s      1.52um
                   pP     04 56.00   40km
CHTO    40.44 263 eP     05 29.00   -0.6
        1.0s      5.25nm          4.3mb
SHL     43.98 276 eP     05 58.00   -0.7
                   eS     12 32.00
WMO     44.14 303 Pd     06 01.00    1.3
        1.5s     46.00nm          5.0mb
      Z  16s      0.96um          4.8MszX
                   PcP    07 38.00
                   PcS    11 37.00
                   S      12 33.50
GUN     48.35 281 P      06 34.20    0.7
PKI     48.85 281 P      06 37.40    0.1
KKN     48.89 281 P      06 37.60    0.1
DMN     49.09 281 P      06 39.40    0.3
GKN     49.37 282 P      06 41.40    0.3
WB2     51.03 189 iPc    06 52.50   -1.0
        0.6s     14.40nm          5.2mb
WRA     51.03 189 P      06 52.80   -0.7
        0.6s     12.10nm          5.1mb
QIS     51.18 183 eP     06 55.00    0.3
        0.5s      2.00nm          4.4mb
KSH     53.39 298 eP     07 13.50    2.2
FBA     54.22  30 eP     07 15.67   -1.2
        0.8s     14.26nm          5.1mb
ASPA    54.76 189 eP     07 21.60    0.4
        0.5s     11.70nm          5.2mb
      Z  23s      0.60um          4.6MszX
KLU     55.02  34 eP     07 21.74   -1.1
NDI     55.35 285 iPd    07 25.00   -0.6
DZM     57.73 153 iPc    07 43.10    0.5
GAR     57.77 299 eP     07 43.00    0.2
INK     59.77  25 eP     07 55.00   -1.1
MBC     62.35  15 eP     08 13.00   -0.5
STK     62.42 180 eP     08 17.00    2.7X
        0.6s      3.30nm          4.6mb
FORR    62.75 193 eP     08 16.00   -0.5
QUE     63.22 291 eP     08 20.50    0.4
                   eS     16 54.10
MAIO    66.77 299 iPc    08 44.30    1.4
YKA     69.01  29 eP     08 54.50   -1.8
        1.3s      5.00nm          4.3mb
DAG     71.93 355 eP     09 14.00    0.2
OBN     73.22 325 iPd    09 23.00    1.3
        1.6s     80.00nm          5.4mb
                   i      09 34.50   38km
NEW     74.39  43 eP     09 28.10   -0.6
SES     76.72  39 eP     09 42.00    0.1
                   pP     10 09.00  105kmX
LRM     78.38  43 eP     09 51.60    0.2
BONR    78.73  53 (P)    09 49.13   -4.4X
FFC     78.74  32 eP     09 52.00   -0.8
        0.8s     11.00nm          4.9mb
TNP     79.40  52 eP     09 56.18   -0.9
        1.0s      5.90nm          4.5mb
APO     79.44 337 eP     09 57.50    0.9
        0.7s      1.90nm          4.2mb
NB2     79.97 338 P      09 59.60    0.1
        0.9s      6.30nm          4.6mb
HVU     80.36  47 eP     10 02.84    0.8
DUG     81.19  48 eP     10 06.80    0.3
        0.5s      0.04nm          2.6mb X
BW06    81.79  45 eP     10 11.50    1.8
SRU     83.26  48 eP     10 16.67   -0.6
VRI     83.62 320 eP     10 23.00    4.3X
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KRA     84.36 327 eP     10 24.10    1.8
SPC     84.80 326 eP     10 26.00    1.2
KSP     85.49 329 eP     10 29.00    1.0
BRG     86.50 330 eP     10 37.10    4.1X
CLL     86.58 331 iPd    10 34.40    1.1
        1.9s     48.00nm          5.4mb
SRO     86.68 326 e(P)   10 32.30   -1.6
ZST     87.00 327 e(P)   10 34.90   -0.5
GEC2    88.09 329 PKP    10 40.60   -0.3
        1.3s      1.93nm          4.2mb
CDF     91.18 332 eP     10 56.10    0.8
        1.2s     11.90nm          5.2mb
LOR     93.47 333 eP     11 06.50    0.7
        1.2s     10.40nm          5.1mb
      Z  22s      0.25um          4.6Msz
LBF     93.65 333 eP     11 07.30    0.6
        1.2s      8.95nm          5.1mb
LPL     93.70 330 eP     11 07.80    0.6
        1.2s      8.95nm          5.1mb
LPG     93.71 330 eP     11 07.20   -0.1
        1.2s      8.95nm          5.1mb
SSF     93.78 333 eP     11 08.20    1.0
        1.0s      6.00nm          5.0mb
SMF     93.98 332 eP     11 08.90    0.7
        1.2s      8.95nm          5.1mb
AVF     94.06 333 eP     11 09.40    0.9
        1.2s     19.35nm          5.4mb
MAF     94.84 333 eP     11 13.60    1.5
        1.2s      8.95nm          5.1mb
LPB    149.28  69 PKP    17 42.20    6.4X
      S.D. = 1.0  on  74 of  81 obs.
-----------------------------------------
%  FEB  24, 1992  01h 09m 29.61± 2.65s
   61.710 N ±11.1km    4.101 E ±18.4km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN NORWAY                    (535)
      MD 2.0 (BER).

FRO      0.37  82 eP     09 37.28    0.0
                  eS     09 41.78
FOO      0.46 104 eP     09 39.22    0.2
                  eS     09 44.93
SUE      0.73 154 eP     09 44.20    0.3
                  eS     09 54.60
HYA      1.14 118 eP     09 50.66   -0.3
                  eS     10 06.11
MOL      1.83  60 eP     10 01.43    0.1
                  eS     10 25.45
ODD1     2.19 144 eP     10 06.30   -0.3
                  eS     10 32.45
      S.D. = 0.3  on   6 of   6 obs.
-----------------------------------------
?  FEB  24, 1992  01h 46m 19.71± 4.33s
   21.529 S ±26.6km  178.411 W ±26.2km
   DEPTH = 532.7 ± 43.5 km
   4.5mb (  6 obs.)
 FIJI ISLANDS REGION                (1B1)

DZM     14.08 265 iPc    49 19.90   -0.3
HBZ     16.27 189 P      49 41.90    0.3
URZ     17.12 192 eP     49 49.00   -0.9
NOZ     17.30 189 eP     49 52.60    0.9
RUZ     18.34 196 eP     50 02.20    0.4
MNG     19.72 194 P      50 13.50   -1.4
QRZ     20.72 200 eP     50 25.20    1.1
THZ     21.46 198 P      50 31.20    0.2
TOO     34.99 235 iPd    52 30.30    1.7
        0.6s     17.00nm          4.8mb
ASPA    43.92 258 iPd    53 41.00    0.1
        0.5s     10.80nm          4.6mb
WB2     44.08 263 iPd    53 41.20   -0.9
        0.2s      7.70nm          4.9mb
WRA     44.09 263 P      53 41.50   -0.7
        0.7s      3.10nm          3.9mb
SPA     68.60 180 iPd    56 29.20   -1.5
        1.4s     20.59nm          4.5mb
YKA     97.60  25 eP     58 49.50   -7.8X
        0.7s      0.30nm          3.7mb
KSP    148.55 342 iPKP   05 03.40    0.5
CLL    148.97 346 iPKP   05 03.80    0.3
BRG    149.15 345 i(PKP)05 04.20    0.4
PRU    149.81 343 ePKP   05 06.50    1.6X
KHC    150.85 344 PKP    05 09.20    2.7X
GEC2   151.08 343 PKP    05 08.20    1.2X
        0.6s      1.03nm
      S.D. = 1.0  on  16 of  20 obs.
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%  FEB  24, 1992  01h 54m 47.07± 0.88s
   42.064 N ± 6.4km   12.831 E ± 8.9km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                          (381)

RMP      0.27 201 P      54 53.10   0.3
                  eSg    54 57.30
RDP      0.32 196 P      54 53.90   0.2
                  eSg    54 57.20
MNS      0.34 341 P      54 53.60  -0.5
                  eSg    55 00.30
AOU      0.51  56 P      54 58.50   1.0
SDI      0.82 116 P      55 01.90  -1.0
     S.D. = 1.1  on   5 of   5 obs.
-------------------------------------
   FEB  24, 1992  02h 04m 38.25± 0.59s
   40.691 N ± 6.3km   30.153 E ± 4.5km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                                 (366)

EYL      0.12 178 iPg    04 41.70   0.3
GBZT     0.55 281 ePg    04 50.40   1.1
                  iSg    04 59.90
YLV      0.61 258 iPg    04 49.40  -1.1
IZI      0.63 236 iPg    04 49.40  -1.5
                  iSg    04 56.90
ISK      0.91 295 iPg    04 55.60   0.0
                  iSg    05 08.10
NAL      1.00 119 iP     04 52.80  -4.6X
                  iS     05 06.00
KCT      1.44 253 iPn    05 03.70  -0.7
DST      1.59 228 ePn    05 07.00   0.4
ALT      1.63 181 iPn    05 08.00   0.8
BNT      1.73 260 ePn    05 08.70   0.1
EDC      1.78 260 ePn    05 09.00  -0.2
DMK      2.13 303 ePn    05 15.00   0.7
BBTK     2.17 112 eP     05 15.00   0.0
                  iS     05 43.00
KHL      2.41 192 iPn    05 19.00   0.5
KAS      2.82  75 ePn    05 23.50  -0.7
                  iSg    05 59.00
EZN      3.05 255 ePn    05 28.00   0.6
     S.D. = 0.8  on  15 of  16 obs.
-------------------------------------
?  FEB  24, 1992  04h 01m 06.40± 1.03s
   45.882 N ±12.4km   14.244 E ± 7.3km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION             (383)
      MD 1.9 (TRI).

CEY      0.19 138 eP     01 11.50   0.8
                  iSg    01 14.50
TRI      0.38 243 ePg    01 13.50  -0.6
                  iSg    01 21.50
PTJ      1.20  89 ePg    01 28.00  -0.8
                  iSg    01 45.00
FVI      1.24 306 P      01 30.00   0.6
                  eSg    01 52.50
     S.D. = 1.4  on   4 of   4 obs.
-------------------------------------
*  FEB  24, 1992  06h 39m 53.41± 0.71s
   53.674 S ± 9.9km    2.524 E ±20.7km
   DEPTH =  10.0km  (geophysicist)
   5.1mb (  8 obs.)  4.6Msz (  1 obs.)
 BOUVET ISLAND REGION                   (412)

SNA     16.85 186 e(P)  43 49.20  -1.3
         0.9s   366.39nm          5.5mb
NVL     17.65 170 ePc   43 51.50  -9.1X
         1.6s   177.00nm          4.9mb
      Z  18s     2.30um          4.1MszX
      N  18s     2.00um
      E  14s     2.10um
                  e      43 58.00
                  e      44 05.00
                  e      44 11.00
                  e      44 20.00
                  e      44 28.00
                  e      44 56.00
                  e      45 39.00
                  e      46 47.00
                  e      46 54.00
                  e      47 10.00
                  LR     48 00.00
CER     23.55  37 e(P)  45 08.00   3.4X
POF     27.41  35 eP    45 40.50  -0.3
FRS     29.10  44 eP    45 54.20  -1.8
         1.1s    25.32nm          4.9mb
PRY     32.47  45 iPc   46 27.00   0.9
         1.0s    12.00nm          4.8mb
WIN     32.97  25 e(P)  46 15.00 -15.5X
         1.2s    40.63nm
SLR     33.86  45 iPc   46 38.00  -0.2
         0.9s    26.89nm          5.2mb
SPA     36.51 180 iPc   47 01.30   0.8
         0.9s    31.82nm          5.1mb
      Z  22s     1.59um          4.7MszX
BUL     38.99  41 iPd   47 22.70   1.0
                  ipP    47 45.00  95kmX
KRI     42.39  40 iPd   47 49.20  -0.4
                  ipP    47 56.10  23kmX
MDZ     53.54 262 e(P)  49 36.40  20.0X
BCAO    59.44  19 iPd   50 05.90   7.4X
         0.9s    23.00nm          5.3mb
LIC     60.01 351 P     50 01.90  -0.5
      Z  20s     0.43um          4.6Msz
KIC     60.12 352 P     50 04.34   1.2
TIC     60.43 351 P     50 04.66  -0.6
ARE     67.44 273 eP    51 12.00  20.3X
ASPA    92.28 136 eP    53 06.00   1.1
         1.1s     8.50nm          5.0mb
WRA     95.78 135 P     53 37.50  16.5X
         1.0s     0.60nm
PNT    144.58 287 ePKP  59 43.00  12.3X
         1.0s    22.00nm
YKA    146.91 311 ePKP  59 50.70  16.6X
         0.8s     8.10nm
MBC    148.83 337 ePKP  59 53.00  16.1X
         1.0s     6.00nm
     S.D. = 1.1  on  12 of  22 obs.
-------------------------------------
?  FEB  24, 1992  07h 22m 57.68± 4.51s
   17.689 N ±81.3km   69.469 W ±23.1km
   DEPTH =  50.0km  (geophysicist)
   3.5mb (  1 obs.)
 DOMINICAN REPUBLIC REGION              ( 88)

MGP      2.29  82 iP     23 34.00   0.3
MEP      2.41  79 iP     23 35.60   0.1
                  S      23 58.00
APR      2.71  73 iP     23 40.00   0.2
PORP     2.72  82 iP     23 39.90   0.0
CLLP     2.78  82 iP     23 40.70  -0.1
SJG      3.19  82 iP     23 47.00   0.4
CPD      3.40  84 iP     23 49.60   0.0
LPR      3.48  79 iP     23 49.90  -0.9
                  S      24 22.40
YKA     54.57 336 eP     32 22.90   0.0
         0.6s     0.30nm          3.5mb
     S.D. = 0.4  on   9 of   9 obs.
-------------------------------------
%  FEB  24, 1992  09h 25m 01.64± 0.84s
   43.108 N ±12.3km    0.673 W ± 7.3km
   DEPTH =  10.0km  (geophysicist)
 PYRENEES                               (378)
      ML 1.0 (STR).

ATE      0.03 223 Pg     25 03.51  -0.2
                  Sg     25 04.66
MADF     0.11 289 Pg     25 04.57   0.0
                  Sg     25 06.76
ISSF     0.12 228 Pg     25 04.85   0.1
                  Sg     25 07.11
OGE      0.16  67 Pg     25 05.31   0.0
BOH      0.25 269 Pg     25 06.96   0.0
                  Sg     25 10.69
     S.D. = 0.1  on   5 of   5 obs.
-------------------------------------
?  FEB  24, 1992  10h 00m 35.88± 5.37s
   16.966 N ±33.4km   61.252 W ±42.9km
   DEPTH =  33.0km  (normal)
 LEEWARD ISLANDS                        ( 92)
      ML 2.8 (FDF).

BPA      0.58 278 eP     00 47.94   0.2
MGH      0.95 255 eP     00 53.15   0.2
                  S      01 03.90
PAG      1.02 204 eP     00 53.75  -0.2
                  S      01 05.50
MGG      1.04 183 eP     00 54.33   0.1
NEV      1.27 278 eP     00 57.15  -0.3
                  S      01 14.82
     S.D. = 0.3  on   5 of   5 obs.
-------------------------------------
   FEB  24, 1992  10h 22m 49.93± 0.57s
   61.103 N ± 4.4km    5.066 E ± 6.2km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN NORWAY                        (535)
      MD 2.5 (BER).

SUE      0.16 253 eP     22 52.91  -0.6
FOO      0.50 359 eP     23 00.15   0.2
HYA      0.55  83 eP     23 00.64  -0.4
ASK      0.63 174 eP     23 02.00  -0.5
FRO      0.66 352 eP     23 03.59   0.5
EGD      0.84 175 eP     23 06.50   0.4
ODD1     1.42 146 eP     23 16.58   0.7
MOL      1.89  38 eP     23 21.74  -0.7
HFS      4.36  99 eP     24 22.70  25.0X
         0.4s     2.70nm
     S.D. = 0.7  on   8 of   9 obs.
-------------------------------------
   FEB  24, 1992  10h 26m 42.29± 0.40s
    3.345 S ± 6.1km  142.271 E ± 6.3km
   DEPTH =  33.0km  (normal)
   5.2mb ( 12 obs.)
 NEAR N COAST OF NEW GUINEA, PNG.(200)

MDG      3.98 119 eP     27 41.60  -0.9
                  eS     28 36.00
YYYY     4.67 128 eP     27 53.70   1.2
LAT      5.74 125 eP     28 07.40  -0.1
PMG      7.73 141 eP     28 35.00  -0.5
MTN     14.51 229 eP     30 06.50  -0.8
         0.4s    76.00nm          5.6mb
                  eS     32 46.00
GUMO    17.02   9 eP     30 25.90 -13.6X
PJG     17.02   9 eP     30 26.00 -13.5X
QIS     17.30 188 eP     30 45.00   1.9
         0.2s     4.00nm          4.2mb
                  eS     34 00.00
KNA     18.13 226 eP     30 51.60  -1.7
WB2     18.22 204 iP     30 53.90  -0.5
         0.9s    49.80nm          4.7mb
DAV     19.62 302 eP     31 13.00   1.8
ASPA    21.76 201 eP     31 32.50  -0.7
         0.8s    24.00nm          4.7mb
      Z  17s     3.60um          4.8MszX
                  i      31 46.60
                  eS     35 32.50
QLP     23.18 176 eP     31 47.00  -0.1
RMQ     23.84 165 eP     31 54.00   0.5
BRS     25.93 158 eP     32 12.00  -1.5
CMS     28.19 174 eP     32 33.00  -1.0
         0.8s     7.00nm          4.4mb
STK     28.39 181 iPd    32 38.00   2.2
         1.4s     3.70nm          3.9mb X
                  eS     38 17.80
DZM     29.95 130 iPc    32 48.90  -1.1
FORR    30.45 205 iPd    32 54.30   0.1
         0.4s    30.00nm          5.4mb
BFD     33.67 180 iPd    33 42.00  19.7X
         0.9s    39.00nm
COOL    33.88 214 iPc    33 24.10  -0.2
         0.4s    31.00nm          5.6mb
TOO     34.19 175 eP     33 28.00   1.1
         0.9s    33.00nm          5.3mb
MRWA    35.84 221 eP     33 41.00   0.0
BAL     36.31 219 eP     33 44.50  -0.4
KLB     36.35 217 eP     33 45.00  -0.3
MUN     37.56 218 eP     33 55.50   0.1
KMI     47.66 309 Pc     35 17.50  -0.5
         1.6s    70.00nm          5.4mb
                  pP     35 28.50  38kmX
LZH     53.16 321 Pc     35 59.50  -0.2
         2.0s    71.00nm          5.3mb
      Z  25s     0.27um          4.2MszX
                  pP     36 22.00  91kmX
GUN     62.48 304 P      37 09.40   3.8X
PKI     62.76 303 P      37 07.00  -0.4
         0.8s    28.00nm          5.4mb
KKN     62.94 303 P      37 08.00  -0.5
DMN     63.02 303 P      37 09.00  -0.1
GKN     63.55 303 P      37 12.40   0.0
GAR     78.19 311 eP     38 39.30  -1.2
QUE     79.04 301 eP     38 45.50   0.1
SPA     86.68 180 iPd    39 24.90   1.0
         0.8s    10.83nm          5.1mb
INK     90.94  22 eP     39 42.00  -1.8
YKA     99.01  27 eP     40 17.70  -3.0X
         0.8s     0.30nm          3.9mb X
```

```
KIC    147.00 276 PKPc   46 23.50    1.3
TIC    147.26 277 PKPc   46 24.30    1.6
LIC    147.29 276 PKPc   46 24.30    1.6
     S.D. = 1.1  on  36 of  41 obs.
-----------------------------------------
%  FEB  24, 1992  10h 38m 45.84± 0.80s
   45.844 N ± 8.6km   26.644 E ± 6.5km
   DEPTH =  10.0km  (geophysicist)
 ROMANIA                            (358)

VRI      0.06  65 iPc    38 47.20   -0.9
CVO      0.33 266 iPd    38 52.70    0.0
BRD      0.43 139 ePc    38 55.00    0.3
MLR      0.60 235 iPc    38 58.00   -0.1
CLI      0.83  32 ePd    39 02.70    0.7
     S.D. = 0.9  on   5 of   5 obs.
-----------------------------------------
%  FEB  24, 1992  10h 43m 26.75± 0.59s
   61.088 N ± 4.8km    5.271 E ± 6.4km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN NORWAY                    (535)
      MD 2.6 (BER).

SUE      0.25 263 eP     43 31.01   -1.0
                  eS     43 35.60
HYA      0.45  80 eP     43 34.90   -1.0
FOO      0.52 348 eP     43 37.98    0.6
ASK      0.61 184 eP     43 38.71   -0.3
FRO      0.70 345 eP     43 40.66    0.2
EGD      0.82 182 eP     43 43.44    0.8
ODD1     1.36 150 eP     43 52.22    0.5
MOL      1.84  35 eP     43 58.72    0.2
     S.D. = 0.9  on   8 of   8 obs.
-----------------------------------------
   FEB  24, 1992  11h 21m 43.19± 0.19s
   16.066 S ± 6.0km  174.076 W ± 5.1km
   DEPTH = 135.3km  (  7 depth phases)
   4.8mb ( 27 obs.)
 TONGA ISLANDS                      (173)

VUN      7.39 254 eP     23 33.20    3.4X
SVA      7.43 253 ePc    23 34.10    3.9X
DZM     19.35 249 iPc    26 00.50   -0.2
KUZ     22.50 202 eP     26 30.70   -1.3
URZ     23.43 198 eP     26 39.90   -1.1
PAE     23.49  97 iP     26 40.60   -1.2
         1.0s    45.00nm          4.9mb
PPT     23.50  97 iP     26 41.00   -0.8
         1.0s    70.00nm          5.1mb
NOZ     23.51 196 eP     26 41.50   -0.3
WLZ     23.53 201 eP     26 43.10    1.1
PPN     23.63  97 iP     26 42.60   -0.5
         1.0s    55.00nm          5.0mb
TVO     23.81  98 iP     26 43.80   -1.1
         1.0s    70.00nm          5.1mb
TBI     24.26 111 iP     26 49.30    0.2
         0.9s    80.00nm          5.2mb
VAH     25.47  92 eP     27 00.00   -0.4
         1.0s    25.00nm          4.7mb
TPT     25.51  91 eP     27 00.00   -0.8
         1.0s    25.00nm          4.7mb
RMO     36.04 247 iPd    28 32.80   -0.5
         0.6s    15.00nm          5.0mb
CMS     39.53 240 eP     29 02.00   -0.4
         0.9s    14.00nm          4.7mb
QLP     40.06 248 eP     29 06.00   -0.8
TOO     41.54 231 eP     29 19.00    0.1
STK     43.15 240 eP     29 32.80    0.8
         1.2s     7.10nm          4.2mb
WB2     49.05 257 iPc    30 17.40   -1.2
         0.8s     9.30nm          4.6mb
WRA     49.06 257 P      30 18.00   -0.7
         0.7s     4.40nm          4.4mb
ASPA    49.29 252 iPc    30 19.30   -1.2
         0.6s    34.70nm          5.3mb
                   e     30 47.20 119kmX
PEC     73.51  47 iP     33 02.25   -0.7
         0.7s     4.93nm          4.4mb
CMB     73.69  42 eP     33 03.92    0.0
         1.0s    17.88nm          4.8mb
                  epP    33 37.98 137km
ORV     73.90  40 iP     33 04.85   -0.2
                  epP    33 38.93 137km
SPA     74.04 180 iPd    33 07.40    1.7
         0.8s    30.00nm          5.1mb
BONR    74.99  43 iP     33 11.65   -0.1
TNP     75.77  43 iPd    33 16.02    0.0
         0.8s    15.79nm          4.8mb
                  epP    33 48.26 128km
ARUT    78.13  45 eP     33 28.55   -0.5
                  epP    34 04.01 142km
RMW     78.63  33 iP     33 31.43    0.0
                  epP    34 08.06 147kmX
MSU     79.36  45 iP     33 36.25    0.4
                  epP    34 08.87 129km
HVU     80.63  42 iP     33 42.01   -0.4
SRU     80.77  45 iP     33 43.38    0.1
DPW     80.80  34 eP     33 42.80   -0.3
PNT     80.92  33 ePd    33 43.00   -0.6
         0.9s    16.00nm          4.8mb
PV09    81.43  46 P      33 46.70   -0.1
HPI     81.44  40 iP     33 46.87    0.1
PTI     81.45  41 eP     33 47.27    0.6
RND     81.61  11 eP     33 46.74   -0.2
NEW     81.62  34 P      33 46.50   -0.8
         0.7s     5.20nm          4.4mb
ALQ     81.72  50 iPd    33 49.17    0.9
         1.5s    45.19nm          5.0mb
LRM     82.94  38 ePd    33 54.50    0.1
FBA     83.17  11 iPd    33 54.51   -0.3
         0.8s    88.09nm          5.7mb
                  epP    34 30.36 142km
BW06    83.20  42 P      33 54.30   -1.5
         0.9s    17.66nm          4.9mb
IMA     83.31   8 iP     33 56.22    0.5
         0.8s     8.79nm          4.7mb
GOL     84.58  46 eP     34 03.57    0.7
         0.9s     7.18nm          4.5mb
                  epP    34 37.30 132km
SES     86.12  35 iPd    34 10.10    0.2
         0.7s    22.00nm          5.2mb
RSSD    87.39  43 P      34 15.80   -0.7
         0.7s     4.67nm          4.6mb
INK     89.07  14 eP     34 24.00    0.4
YKA     90.96  24 eP     34 31.90   -0.6
         1.1s     3.60nm          4.4mb
LNV     91.28 126 iPc    34 36.00    1.3
CACH    91.85 126 iPc    34 39.00    1.4
PCH     92.09 126 eP     34 39.00    0.4
PEL     92.13 125 iPc    34 40.40    1.7
MBC     97.71  11 eP     35 03.50    0.4
KEV    124.76 351 ePKP   40 25.00   -2.6X
SOD    126.99 350 ePKP   40 25.00   -7.0X
KAF    131.80 347 iPKP   40 41.00   -0.3
         0.5s     7.00nm
NUR    133.59 347 ePKP   40 45.70    0.9
         0.5s     8.90nm
HFS    135.63 354 ePKP   40 49.20    0.5
         0.5s     2.20nm
KSP    144.32 349 ePKPc  41 03.70   -0.9
                   e     41 39.80
CLL    144.39 352 iPKP   41 03.30   -1.4
         0.9s    10.00nm
BRG    144.68 351 iPKP   41 03.40   -1.8
CLI    144.79 334 ePKP   41 07.00    1.4
PRU    145.45 350 PKPd   41 07.10    0.6
                   e     41 11.50
                   e     41 42.10
MEM    145.54 360 PKP    41 07.60    1.0
VRI    145.56 334 ePKP   41 07.00    0.1
SNF    145.62   2 PKP    41 08.30    1.5
BRD    145.70 333 ePKP   41 12.00    4.9X
DOU    146.04   2 PKP    41 09.10    1.6
GRF    146.19 354 ePKP   41 10.80    3.0X
MLR    146.19 334 ePKP   41 11.50    3.4X
KHC    146.44 351 ePKP   41 10.00    1.7
                   e     41 44.00
                   e     42 11.70
ZST    146.67 346 ePKP   41 10.90    2.3X
GEC2   146.70 351 PKP    41 08.90    0.1
         0.8s     4.75nm
FLN    146.97   8 ePKP   41 11.10    2.1
         0.9s    32.75nm
LDF    147.18   7 ePKP   41 11.70    2.3X
         1.1s    29.30nm
GRR    147.29   8 ePKP   41 12.30    2.7X
         0.6s    28.85nm
LPF    147.61   9 ePKP   41 13.10    3.0X
         0.7s    52.90nm
CDF    147.72 358 ePKP   41 14.00    3.6X
         0.8s    18.80nm
VITF   147.94 360 PKP    41 14.41    3.8X
HAU    148.15 359 ePKP   41 14.90    3.9X
         0.6s    12.65nm
FEL    148.23 357 PKP    41 15.15    3.9X
BSF    148.32 359 ePKP   41 15.20    3.8X
         0.6s     6.30nm
KBA    148.47 350 iPKPd  41 15.00    3.2X
         0.6s     3.20nm
                   i     41 20.10
                   i     41 21.00
SOTA   148.63 353 i(PKP)41 16.40    4.5X
LOMF   148.80 359 PKP    41 16.88    4.7X
LOR    148.84   3 ePKP   41 16.60    4.5X
         0.6s    16.70nm
SSF    149.03   3 ePKP   41 17.20    4.8X
         0.8s    28.20nm
LBF    149.13   3 ePKP   41 17.20    4.6X
         0.6s    16.70nm
MFF    149.14   8 ePKP   41 17.20    4.6X
         0.8s    13.45nm
AVF    149.29   3 ePKP   41 17.40    4.6X
         0.8s    11.40nm
SMF    149.46   3 ePKP   41 18.00    4.9X
         0.8s     9.40nm
BGF    149.49   4 ePKP   41 18.20    5.1X
         0.8s    21.50nm
VBY    149.62 347 ePKP   41 11.50   -1.8
                  e(PKPb41 17.50
LSF    149.68   6 ePKP   41 18.20    4.8X
         0.8s    30.90nm
TCF    149.71   5 ePKP   41 18.50    5.0X
         1.0s    22.00nm
TRI    149.72 349 PKP    41 18.00    4.6X
CTI    149.73 352 PKP    41 18.70    5.1X
MAF    149.80   5 ePKP   41 18.90    5.3X
         1.0s    32.00nm
AGO    150.01   4 PKP    41 19.83    5.9X
PLDF   150.12   3 PKP    41 20.32    6.1X
VAI    150.19 356 PKP    41 20.00    5.9X
SAL    150.30 353 PKP    41 20.50    6.2X
PYM    150.31   4 PKP    41 20.85    6.4X
ORX    150.47 357 PKP    41 20.03    5.3X
ORO    150.48 357 PKP    41 20.50    5.7X
RJF    150.62   6 ePKP   41 20.90    6.1X
         0.8s    10.75nm
LPL    150.63 359 ePKP   41 21.90    6.7X
         0.7s    12.15nm
LPG    150.65 359 ePKP   41 22.20    6.9X
         0.7s    17.10nm
LSD    150.68 358 PKP    41 22.19    6.9X
LBL    150.84   4 PKP    41 22.36    7.1X
SSB    150.85   2 PKP    41 21.63    6.4X
LFF    150.89   8 ePKP   41 21.50    6.3X
         0.8s    25.50nm
RSP    150.98 358 PKP    41 21.16    5.6X
CAF    151.05   6 ePKP   41 22.00    6.5X
         0.8s    13.45nm
BNI    151.10 359 PKP    41 23.20    7.4X
LPO    151.19   7 ePKP   41 22.20    6.5X
         0.8s    18.80nm
RRL    151.23 359 PKP    41 23.31    7.2X
BHB    151.29 358 PKP    41 21.16    5.3X
PCP    151.53 356 PKP    41 23.72    7.4X
DOI    151.63 358 PKP    41 21.50    5.0X
PZZ    151.63 358 PKP    41 22.70    6.1X
ROB    151.81 357 PKP    41 23.01    6.3X
FIN    151.88 357 PKP    41 23.01    6.2X
STV    151.89 358 PKP    41 22.70    5.8X
ENR    151.90 358 PKP    41 22.29    5.4X
IMI    152.20 357 PKP    41 24.34    7.0X
SBF    152.26 358 ePKP   41 24.50    7.1X
         0.7s    13.25nm
FRF    152.59 359 ePKP   41 25.50    7.7X
         0.6s     3.60nm
LRG    152.70 359 ePKP   41 25.90    8.0X
         0.6s     5.40nm
LMR    152.82 359 ePKP   41 25.80    7.7X
         0.8s     5.35nm
PGF    153.48 355 ePKP   41 27.70    8.5X
         0.6s     4.50nm
BCAO   163.06 228 ePKPc  41 32.40    1.3
         0.7s     6.00nm
                   id    42 23.90
     S.D. = 0.9  on  70 of 134 obs.
-----------------------------------------
%  FEB  24, 1992  12h 20m 24.77± 1.51s
   36.883 N ±16.7km    2.486 W ± 6.5km
   DEPTH =  10.0km  (geophysicist)
 STRAIT OF GIBRALTAR                (385)
      mbLg 3.1 (MDD). Felt (III) in
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the Gador area, Spain.

ENIJ	0.24	68	iPg	20 30.07	0.2
			iSg	20 32.90	
EGUA	0.87	267	iPg	20 41.63	0.2
			iSg	20 52.90	
ECOG	0.95	295	iPg	20 42.19	-0.7
			iSg	20 53.70	
EALH	1.29	41	iPn	20 48.23	-0.5
EBAN	1.64	321	iPn	20 54.46	0.6
			iSn	21 15.00	
EVIA	1.75	360	iPn	20 55.70	0.2
			iSn	21 16.30	
TOL	3.24	338	ePg	21 50.00	33.4X
			eSg	22 06.00	

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

& FEB 24, 1992 13h 42m 47.74s
36.016 N 117.889 W
DEPTH = 6.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.0 (PAS), 3.1 (GS).

PANV	0.74	59	P	43 01.30	-1.3
MCA	0.80	38	P	43 02.00	-1.6
QSM	0.83	93	P	43 02.40	-1.8
FMT	1.09	55	P	43 07.40	-1.3
GSC	1.13	129	iPc	43 08.30	-1.1
SGV	1.19	35	P	43 09.20	-1.1
LCH	1.23	9	P	43 09.60	-1.5
SDH	1.40	63	P	43 12.90	-1.0
PPK	1.41	359	P	43 13.00	-1.1
YMT3	1.42	57	P	43 13.20	-1.0
YMT5	1.45	52	P	43 13.90	-0.8
MGM	1.46	12	P	43 14.20	-0.6
YMT6	1.46	54	P	43 13.80	-1.0
LSM	1.49	61	P	43 14.40	-0.8
TMBR	1.58	50	P	43 15.70	-0.8
ABL	1.59	223	eP	43 16.43	-0.3
			eS	43 37.35	
SVP	1.70	2	P	43 18.30	0.0
FRI	1.76	304	iPc	43 18.81	-0.1
			eS	43 41.56	
PKEM	1.80	272	eP	43 19.75	0.2
			eS	43 43.30	
BONR	1.96	350	ePn	43 22.10	-0.1
			iPg	43 24.02	
			eS	43 48.92	
BCH	1.97	246	ePn	43 22.20	0.1
			eS	43 46.26	
PHAM	2.04	266	ePn	43 22.02	-1.1
TNP	2.13	14	ePn	43 23.99	-0.5
			iPg	43 26.86	
			eS	43 54.38	
PEC	2.20	164	ePn	43 25.67	0.3
			eS	43 56.41	
PRI	2.25	274	eP	43 29.62	3.4
			eS	43 52.29	
PLM	2.79	162	ePn	43 34.35	0.4
			eS	44 13.05	
PRS	2.83	277	eP	43 36.88	2.5
CMB	2.84	316	iPc	43 37.24	2.8
			eS	44 16.24	
ARN	3.22	296	ePn	43 41.82	2.0
			eS	44 20.93	
ARUT	3.98	62	(Pn)	43 56.35	5.6
MSU	5.19	60	(Pn)	44 23.27	15.2

31 obs. associated

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* FEB 24, 1992 13h 51m 03.89± 1.34s
31.359 S ± 9.1km 68.498 W ±16.5km
DEPTH = 111.2 ± 18.9 km
SAN JUAN PROVINCE, ARGENTINA (137)

ZON	0.24	220	iPd	51 20.00	-0.1
			eS	51 34.00	
RTCB	0.29	244	iPd	51 20.50	0.2
			(S)	51 47.20	
RTBS	0.87	249	iPc	51 24.00	-0.1
			S	51 58.80	
RTRS	1.45	325	iPc	51 30.50	0.1
RFA	3.40	180	iPc	51 56.20	0.0
			S	52 27.60	
CYA	3.73	40	e(P)	52 00.60	0.0
			S	53 42.00	

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

FEB 24, 1992 14h 02m 28.76± 0.53s
61.260 N ± 3.9km 5.209 E ± 6.0km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
MD 2.7 (BER).

SUE	0.30	227	eP	02 35.29	0.3
FOO	0.35	347	eP	02 36.05	0.1
HYA	0.48	101	eP	02 38.80	0.3
FRO	0.52	343	eP	02 39.28	-0.1
ASK	0.78	181	eP	02 43.85	-0.1
EGD	0.99	180	eP	02 46.87	-0.7
ODD1	1.52	152	eP	02 56.47	0.4
MOL	1.72	39	eP	02 58.55	-0.3
HFS	4.32	101	eP	03 59.50	23.5X
	0.4s		2.30nm		

S.D. = 0.4 on 8 of 9 obs.

? FEB 24, 1992 14h 32m 42.68± 8.64s
16.842 N ±28.6km 60.522 W ±65.2km
DEPTH = 10.0km (geophysicist)
LEEWARD ISLANDS (92)
ML 2.8 (FDF).

DEG	0.74	225	eP	32 57.10	-0.1
MGG	1.19	220	eP	33 05.01	0.1
BBL	1.60	215	eP	33 11.10	0.0
			S	33 30.00	
MGH	1.63	266	eP	33 11.50	0.0

S.D. = 0.1 on 4 of 4 obs.

FEB 24, 1992 14h 56m 50.18± 0.39s
44.183 N ± 3.5km 12.102 E ± 3.6km
DEPTH = 26.5 ± 3.6 km
NORTHERN ITALY (545)
ML 3.5 (VIE).

SFI	0.32	215	Pd	56 56.50	-1.1
			eSg	57 01.20	
PGD	0.41	222	Pd	56 58.10	-1.1
			eSg	57 05.50	
CRE	0.57	191	P	57 00.50	-1.1
			eSg	57 09.60	
FIR	0.73	237	ePg	57 16.00	11.8X
			iSg	57 20.00	
ARV	0.92	138	P	57 06.30	-0.9
			eSg	57 20.30	
MME	1.01	271	P	57 12.20	3.4X
BDI	1.09	264	P	57 12.10	2.3X
			eSg	57 28.50	
ASS	1.18	160	P	57 11.20	0.1
			eSg	57 29.10	
PII	1.23	248	P	57 13.50	1.8
			eSg	57 32.50	
SAL	1.81	322	P	57 21.50	1.4
VVI	1.81	7	P	57 21.20	1.0
MNS	1.85	167	P	57 22.00	1.4
			eSn	57 44.80	
CTI	1.89	350	P	57 22.00	0.6
			eSn	57 46.80	
TRI	1.93	37	eP	57 20.90	-0.9
			i(Sn)	57 44.60	
			i(Sg)	57 53.30	
BOB	1.99	288	P	57 26.00	3.3X
RIY	2.00	54	e(Pn)	57 24.70	1.9
			iSn	57 47.20	
VOY	2.24	34	ePn	57 25.50	-0.9
			eSn	57 53.50	
			eSg	58 02.80	
CEY	2.27	46	e(Pn)	57 31.30	4.6X
			eSn	58 03.50	
MDI	2.33	314	P	57 27.90	0.5
FVI	2.46	11	P	57 29.80	0.5
			eSn	58 01.00	
LJU	2.53	42	e(Pn)	57 29.50	-1.0
			e	57 38.50	
			eSn	58 00.50	
PCP	2.58	279	P	57 33.10	2.0
			S	58 04.17	
VBY	2.60	58	e(Pn)	57 42.80	11.4X
			iSn	58 15.90	
CKI	2.75	276	P	57 35.00	1.5
OGA	2.79	345	ePn	57 43.60	9.4X
PGF	2.79	235	Pn	57 34.90	0.8
			Sn	58 09.60	
FIN	2.80	272	P	57 35.44	1.2
			S	58 08.32	
VAI	2.90	307	P	57 36.60	1.1
KBA	3.02	16	iPnc	57 38.10	0.6
			iPg	57 47.90	
			i	57 49.50	
			iSn	58 15.10	
			iSg	58 32.00	
ROB	3.04	274	P	57 38.69	1.0
IMI	3.05	266	P	57 39.03	1.2
SOTA	3.10	349	iPnc	57 40.90	2.3X
			iPg	57 49.70	
			iSn	58 15.90	
			iSg	58 34.50	
PTJ	3.23	57	e(P)	57 47.60	7.2X
ORX	3.27	298	P	57 40.25	-0.7
SBF	3.38	266	Pn	57 43.60	1.1
			Sn	58 20.70	
STV	3.44	273	P	57 44.53	1.2
PZZ	3.60	277	P	57 45.60	-0.2
LSD	3.74	292	P	57 46.48	-1.4
RRL	3.87	283	P	57 49.80	0.2
FRF	3.99	263	Pn	57 52.00	0.9
LPG	4.03	291	Pn	57 51.00	-0.9
LPL	4.04	291	Pn	57 51.00	-1.1
LMR	4.14	260	Pn	57 54.00	0.8
FEL	4.66	324	ePn	58 00.51	-0.3
KHC	5.05	11	eP	58 06.00	-0.2
			e	58 27.00	
			e	58 51.10	
			Sn	59 02.40	
BSF	5.20	316	Pn	58 08.20	-0.1
			Sn	59 03.40	
CDF	5.39	323	Pn	58 10.60	-0.4
HAU	5.53	316	Pn	58 12.40	-0.6
			Sn	59 12.60	
PRU	6.04	15	eP	58 30.80	10.7X
			e	59 25.10	
			eSg	00 11.50	
SMF	6.31	296	Pn	58 23.00	-1.0
LBF	6.35	299	Pn	58 24.10	-0.4
			Sn	59 33.00	
LOR	6.54	301	Pn	58 26.60	-0.6
			Sn	59 37.60	
SSF	6.68	299	Pn	58 28.30	-0.8
BGF	6.94	293	Pn	58 31.30	-1.4

S.D. = 1.0 on 44 of 54 abs.

FEB 24, 1992 15h 23m 01.47± 0.90s
41.508 N ± 7.8km 20.202 E ± 7.1km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.3 (TIR).

PHP	0.25	45	ePg	23 06.30	-0.5
			iSg	23 12.30	
TIR	0.30	238	ePg	23 08.70	1.0
			iSg	23 14.50	
LACI	0.39	289	ePg	23 08.50	-1.0
			iSg	23 14.60	
PUK	0.58	337	ePg	23 12.60	-0.6
			iSg	23 22.10	
KKS	0.59	15	ePg	23 15.00	1.7
OHR	0.60	131	iPg	23 13.10	-0.5
			iSg	23 22.90	
SDA	0.73	314	ePg	23 11.40	-4.4X
			iSg	23 27.80	

S.D. = 1.4 on 6 of 7 obs.

% FEB 24, 1992 16h 13m 07.76± 2.74s
37.683 N ±19.7km 16.328 E ±23.4km
DEPTH = 33.0km (normol)
IONIAN SEA (399)

ATN	0.83	305	P	13 24.00	0.9
			eSg	13 36.50	
MEU	1.26	243	P	13 29.30	0.1
			eSn	13 44.40	
MNO	1.32	281	P	13 29.50	-0.7
			eSn	13 45.00	
ROI	1.90	6	P	13 37.60	-0.8
TDS	1.97	0	P	13 40.00	0.5
CSI	2.09	359	P	13 42.40	1.2
MGR	2.52	346	P	13 46.00	-1.3
			eSn	14 14.00	

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

% FEB 24, 1992 16h 40m 01.67± 1.08s
39.492 N ± 6.1km 15.998 E ± 8.9km

```
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN ITALY                    (390)

ACI     0.21 132 P      40 06.90   0.6
CZI     0.29 159 P      40 07.60  -0.2
TDS     0.31  58 P      40 08.50   0.4
                eSg     40 13.00
CSI     0.36  38 P      40 09.60   0.5
ROI     0.45  80 P      40 09.80  -1.0
MGR     0.73 332 P      40 15.80  -0.2
                eSg     40 27.40
      S.D. = 0.8  on   6 of   6 obs.
-------------------------------------
   FEB  24, 1992  17h 15m 20.79± 0.61s
   35.953 N ± 6.2km  112.221 W ± 7.6km
   DEPTH =   5.0km  (geophysicist)
 WESTERN ARIZONA                   ( 42)
      ML 3.0 (GS).

SCN     0.80 136 P      15 37.00   0.0
FLAG    0.92 149 P      15 39.00   0.1
ARUT    2.08 332 eP     15 57.12   0.3
                eS      16 21.78
MSU     2.56   1 ePn    16 04.31   0.5
                ePg     16 08.40
                eS      16 35.22
DLM     2.61 310 P      16 04.40  -0.1
PRN     2.70 303 P      16 05.59  -0.2
SRG     2.99 311 P      16 14.00   4.2X
SRU     3.43  23 ePn    16 15.45  -0.7
                ePg     16 20.40
                eS      16 59.62
PV09    3.54  43 ePn    16 18.00   0.2
                ePg     16 26.00
                eS      17 06.00
EMUT    4.01  16 (P)    16 34.93  10.5X
                eS      17 20.31
ANMO    4.81 100 ePg    16 48.50  12.7X
                eS      17 49.00
      S.D. = 0.4  on   8 of  11 obs.
-------------------------------------
*  FEB  24, 1992  17h 43m 00.81± 0.80s
    4.460 S ± 9.3km  150.812 E ±11.0km
   DEPTH =  33.0km  (normol)
   4.5mb (  3 obs.)
 NEW BRITAIN REGION, P.N.G.        (192)

RAB     1.38  79 iPd    43 24.00   0.0
      0.4s  1491.53nm
                iS      43 42.00
PMG     6.11 216 eP     44 22.00  -9.2X
                eS      45 42.00
GUA    18.82 342 eP     47 20.60   0.3
      0.7s    71.23nm          5.0mb
GUMO   18.88 342 eP     47 21.30   0.2
                eS      48 08.30
PJG    18.88 342 eP     47 20.50  -0.6
MTN    21.15 246 eP     47 52.50   7.0X
WB2    22.23 225 eP     47 57.20   0.9
      0.4s     7.70nm          4.5mb
ASPA   25.12 219 eP     48 23.50  -0.9
      1.4s     5.60nm          4.0mb
MAT    42.46 345 (P)    50 58.00   3.6X
      S.D. = 0.8  on   6 of   9 obs.
-------------------------------------
%  FEB  24, 1992  17h 59m 37.66± 0.69s
   43.435 N ± 4.8km     5.457 E ± 5.5km
   DEPTH =  10.0km  (geophysicist)
 NEAR SOUTH COAST OF FRANCE        (379)
      ML 2.5 (STR).

GELF    0.06 203 Pg     59 39.56  -0.4
TREF    0.20 344 Pg     59 41.93  -0.1
PUYF    0.20  61 Pg     59 41.76  -0.3
BERF    0.21 126 Pg     59 42.75   0.5
CDR     0.33  43 iPgd   59 44.20  -0.3
                eSg     59 48.40
PRAF    0.42 331 Pg     59 46.62   0.3
VILF    0.46  24 Pg     59 47.13   0.2
TAVF    0.47  67 Pg     59 47.37   0.1
      S.D. = 0.4  on   8 of   8 obs.
-------------------------------------
   FEB  24, 1992  18h 31m 39.12± 0.23s
   30.919 N ± 4.7km  141.743 E ± 4.0km
   DEPTH =  45.8km  (  8 depth phases)
   5.0mb ( 59 obs.)  4.5Msz (  7 obs.)
 SOUTH OF HONSHU, JAPAN            (211)

MAT     6.33 333 iPd    33 11.20  -1.1
      0.7s   165.75nm          5.7mb X
                eS      34 23.00
MDJ    16.68 328 eP     35 29.00  -2.1X
      1.0s    55.00nm          4.6mb
   Z  18s     1.36um          4.1MszX
   N  13s     1.01um
   E  12s     1.53um
GUMO   17.49 170 e(P)   35 43.00   1.7
      2.0s   324.60nm          5.1mb
   Z  20s     0.43um          3.6MszX
PJG    17.49 170 e(P)   35 42.50   1.2
GUA    17.54 170 e(P)   35 40.50  -1.5
      1.3s   538.46nm          5.5mb
SSE    17.63 276 Pc     35 44.50   1.6
      1.0s    27.00nm          4.3mb
   Z  18s     2.20um          3.9MszX
   N  12s     1.00um
                PP      36 02.00
SNY    18.20 312 Pc     35 48.50  -1.4
      1.0s    74.00nm          4.8mb
   Z  18s     1.73um          4.2Msz
   N  13s     1.66um
   E  17s     1.47um
CN2    18.21 319 Pd     35 48.70  -1.3
      1.2s    61.00nm          4.6mb
   Z  20s     2.24um          3.5Msz
   N  14s     1.74um
   E  14s     1.26um
                pP      35 54.70
DL2    18.30 301 eP     35 52.00   0.9
   Z  14s     1.17um
   N  14s     1.81um
NJ2    19.55 279 Pd     36 05.00  -0.9
TIA    21.16 291 eP     36 19.10  -3.4X
   Z  16s     1.74um          4.5MszX
   N  14s     1.10um
   E  14s     1.42um
                eS      40 06.00
BJI    22.66 301 eP     36 36.00  -1.4
      1.5s   140.00nm          5.2mb
   Z  17s     1.58um          4.5MszX
   N  12s     0.93um
                epP     36 49.00  54km
                PP      37 04.00
                eS      40 44.00
WHN    23.53 276 eP     36 46.60   0.7
   Z  16s     1.79um          4.6MszX
   E  16s     1.29um
                sP      37 03.00
BAG    24.11 238 eP     36 49.00  -2.8X
TIY    25.07 294 Pc     37 01.60   0.7
      0.8s    76.00nm          5.3mb
   Z  14s     1.67um          4.7MszX
   E  12s     0.90um
HHC    26.27 301 Pd     37 12.00   0.0
      0.8s    46.00nm          5.1mb
   Z  18s     1.94um          4.7Msz
   N  12s     0.41um
   E  11s     0.85um
BTO    27.37 299 P      37 22.00  -0.1
      0.8s    35.00nm          5.0mb
   N  15s     1.84um
   E  15s     1.33um
                pP      37 34.00  47km
XAN    27.80 285 P      37 24.50  -1.4
      0.8s     5.80nm          4.3mb
   N  14s     0.71um
GYA    31.01 271 P      37 53.60  -1.2
      1.2s    12.00nm          4.5mb
   Z  20s     0.75um          4.3Msz
   N  16s     0.99um
   E  16s     0.77um
                S       43 00.00
LZH    31.88 290 eP     37 59.00  -3.4X
      1.5s    17.00nm          4.7mb
   Z  20s     0.59um          4.3Msz
   N  11s     0.47um
                pP      38 09.50  38km
                sP      38 13.50
                PP      39 04.00
                eS      43 10.00
                esS     43 26.00
                eSS     45 04.00
YAK    32.08 349 eP     38 00.00  -3.6X
      0.9s    51.00nm          5.4mb
                i       38 20.00  86kmX
                e(S)    43 51.00
CD2    32.49 280 eP     38 06.20  -1.4
      0.6s    17.00nm          5.1mb
   Z  17s     1.35um          4.7MszX
   N  12s     1.03um
                sS      43 43.00
IRK    34.64 319 ePc    38 25.50  -0.5
      1.8s    60.00nm          5.2mb
   Z  16s     0.85um          4.6MszX
   E  15s     0.63um
                e       38 40.00  58kmX
                e       39 04.70
                LR      52 24.00
KMI    34.79 270 Pd     38 26.50  -1.3
      1.9s    50.00nm          5.1mb
   Z  18s     0.60um          4.4Msz
GTA    35.05 296 iPd    38 29.00  -0.8
      0.6s    44.00nm          5.6mb
   Z  16s     1.51um          4.8MszX
   E  14s     1.11um
                pP      38 41.20  45km
CHTO   40.43 263 eP     39 13.60  -1.2
      0.8s     7.69nm          4.5mb
LSA    43.39 282 P      39 40.20   0.7
WMO    44.11 303 Pd     39 45.50   0.8
      2.0s    69.00nm          5.1mb
   Z  14s     0.59um          4.7MszX
                sP      39 57.50
                eS      46 13.00
                ScS     49 39.50
GUN    48.33 281 P      40 19.00   0.4
      0.8s    39.00nm          5.5mb
PKI    48.83 281 P      40 22.20  -0.2
KKN    48.87 281 P      40 22.20  -0.4
      0.8s    16.00nm          5.1mb
DMN    49.07 281 P      40 24.00  -0.2
GKN    49.35 282 P      40 26.20   0.0
      0.8s    20.00nm          5.2mb
SVW    50.30  34 eP     40 33.60   0.7
TTA    50.38  32 eP     40 33.70   0.2
PDB    50.86  36 iP     40 35.81  -1.3
WB2    51.07 189 eP     40 36.80  -2.2
      0.7s    14.70nm          5.1mb
KDC    51.63  39 eP     40 42.40  -0.5
IMA    51.88  28 eP     40 44.80  -0.1
      1.2s    10.20nm          4.7mb
BRW    51.96  21 eP     40 47.00   1.7
KSH    53.36 298 P      40 58.50   2.2
PMR    53.45  34 eP     40 55.80  -0.6
      1.1s    44.60nm          5.4mb
RND    53.66  32 eP     40 56.12  -1.9
FBA    54.20  30 eP     41 01.90   0.0
      0.9s    16.90nm          5.1mb
ASPA   54.79 189 eP     40 52.30 -14.4X
      0.8s     4.90nm
   Z  21s     0.60um          4.6Msz
                i       41 05.20  46km
NDI    55.33 285 iPd    41 10.50  -0.1
GAR    57.74 299 iP     41 28.50   0.7
DZM    57.78 153 iPc    41 28.70   0.6
INK    59.74  25 eP     41 39.00  -2.2
POO    62.07 276 eP     41 56.50  -1.2
MBC    62.32  15 eP     41 58.00  -0.5
      1.4s    13.00nm          4.9mb
STK    62.46 180 eP     41 58.00  -1.8
      0.7s     2.80nm          4.5mb
OUE    63.19 291 eP     42 05.90   0.7
MAIO   66.73 299 iPc    42 29.00   1.1
                eS      51 16.00
TOO    68.22 177 iPd    42 36.80  -0.1
      0.8s    22.00nm          5.2mb
YKA    68.98  29 eP     42 38.90  -2.5
      1.1s     7.00nm          4.5mb
DAG    71.89 355 iPc    42 58.60  -0.1
      1.0s    18.00nm          5.0mb
PNT    72.42  43 eP     43 04.00   1.6
OBN    73.18 325 iPd    43 07.80   1.1
      1.0s    42.00nm          5.3mb
   Z  20s     0.80um          5.0Msz
   E  20s     0.70um
                i       43 11.00  10kmX
KAF    73.88 334 iP     43 10.50  -0.1
      0.6s     8.00nm          4.8mb
NEW    74.37  43 eP     43 13.80   0.0
      1.0s     6.75nm          4.5mb
NUR    75.48 333 iP     43 19.90   0.0
      1.1s    27.00nm          5.1mb
```

e 43 34.00 49km
ORV 75.75 52 eP 43 21.86 0.0
SES 76.70 39 eP 43 26.00 -1.0
pP 43 39.00 44km
CMB 77.25 53 eP 43 31.30 1.0
1.0s 5.50nm 4.5mb
LRM 78.36 43 eP 43 36.00 -0.5
FFC 78.71 32 eP 43 37.00 -0.9
1.0s 22.00nm 5.1mb
BONR 78.72 53 eP 43 38.97 0.3
HPI 79.10 45 eP 43 40.58 -0.1
APO 79.40 337 eP 43 40.90 -0.7
0.6s 2.80nm 4.4mb
Z 17s 0.00um 2.0MszX
LR 25 57.00
NB2 79.93 338 P 43 44.20 -0.3
0.8s 7.50nm 4.7mb
HVU 80.34 47 eP 43 47.59 0.4
DUG 81.18 48 eP 43 51.43 -0.2
BW06 81.77 45 eP 43 54.80 0.0
0.8s 4.82nm 4.6mb
MSU 82.51 49 eP 43 59.64 0.9
SRU 83.25 48 eP 44 02.24 -0.2
VRI 83.58 320 eP 44 07.50 3.8X
MLR 84.24 320 eP 44 09.50 2.2
KRA 84.32 327 eP 44 08.40 1.0
1.3s 58.00nm 5.5mb
e 44 12.10 12kmX
PV09 84.49 48 e(P) 44 08.70 -0.2
KSP 85.45 329 iPd 44 14.20 1.2
BRG 86.45 330 eP 44 18.80 0.8
2.0s 52.00nm 5.4mb
CLL 86.53 331 iPd 44 18.80 0.5
1.5s 24.00nm 5.2mb
PRU 86.84 329 ePd 44 21.00 1.1
ZST 86.95 327 eP 44 21.50 1.0
KHC 87.90 329 P 44 25.90 0.8
e 44 39.00 44km
GEC2 88.05 329 Pd 44 25.40 -0.5
1.1s 1.39nm 4.1mb
CDF 91.14 332 eP 44 40.70 0.3
0.9s 4.90nm 4.9mb
LOR 93.43 333 eP 44 51.00 0.2
1.0s 9.00nm 5.2mb
Z 20s 0.22um 4.6Msz
LBF 93.61 333 eP 44 51.90 0.2
0.8s 5.35nm 5.0mb
LPL 93.66 330 eP 44 52.50 0.3
1.0s 6.00nm 5.0mb
LPG 93.66 330 eP 44 52.70 0.4
0.8s 5.35nm 5.0mb
SSF 93.73 333 eP 44 52.60 0.4
0.8s 6.70nm 5.1mb
LDF 93.81 336 eP 44 52.90 0.4
0.8s 8.05nm 5.2mb
SMF 93.94 332 eP 44 53.40 0.2
0.8s 3.35nm 4.8mb
AVF 94.02 333 eP 44 53.80 0.3
0.9s 9.85nm 5.2mb
GRR 94.24 336 eP 44 55.10 0.6
0.8s 8.05nm 5.2mb
LPF 94.61 336 eP 44 57.00 0.8
0.8s 8.05nm 5.2mb
MAF 94.79 333 eP 44 58.00 0.9
1.0s 6.00nm 5.0mb
TCF 94.88 333 eP 44 58.00 0.5
0.8s 4.05nm 4.9mb
LSF 95.17 334 eP 44 58.90 0.0
1.0s 8.00nm 5.1mb
S.D. = 1.0 on 94 of 101 obs.

? FEB 24, 1992 18h 35m 15.89± 5.52s
61.156 N ±13.1km 3.064 E ±44.2km
DEPTH = 10.0km (geophysicist)
NORWEGIAN SEA (642)
MD 2.5 (BER).

SUE 0.83 96 eP 35 31.26 -0.6
FOO 1.05 64 eP 35 37.31 1.6
ASK 1.24 122 eP 35 39.82 0.9
EGD 1.38 129 eP 35 42.18 1.0
ODD1 2.16 124 eP 35 51.64 -0.8
MOL 2.56 54 eP 35 57.60 -0.4
NRA0 4.16 92 Pn 36 18.99 -1.7
Sn 37 06.94
Lg 37 24.49
S.D. = 1.5 on 7 of 7 obs.

FEB 24, 1992 19h 13m 53.58± 0.86s
43.404 N ± 5.1km 5.415 E ± 6.4km
DEPTH = 10.0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)
ML 2.7 (STR).

GELF 0.02 155 Pg 13 55.35 -0.2
BERF 0.22 114 Pg 13 58.63 0.2
TREF 0.22 354 Pg 13 58.07 -0.3
PUYF 0.24 58 Pg 13 58.09 -0.7
PRAF 0.44 336 Pg 14 02.93 0.4
VILF 0.50 26 Pg 14 03.15 -0.6
TAVF 0.51 65 Pg 14 03.39 -0.6
CALN 1.13 71 Pg 14 15.39 0.6
Sg 14 30.89
MVIF 1.35 68 Pn 14 19.32 0.7
Sg 14 38.50
REVF 1.46 76 Pn 14 20.12 0.1
Sg 14 40.90
TOUF 1.46 65 Pn 14 20.53 0.3
AUTN 1.58 67 Pn 14 22.46 0.6
Sg 14 45.06
SAOF 1.66 69 Pn 14 23.15 0.3
PGF 2.77 107 Pn 14 37.91 -1.0
S.D. = 0.6 on 14 of 14 obs.

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* FEB 24, 1992 20h 41m 34.28± 0.64s
45.135 N ±13.6km 151.389 E ± 9.5km
DEPTH = 33.0km (normal)
4.2mb (6 obs.)
KURIL ISLANDS (221)

ASAJ 6.32 264 P 43 09.30 1.7
MRRJ 7.94 254 eP 43 30.30 0.1
MAT 13.15 234 (P) 44 39.00 -2.2
YAK 21.07 331 eP 46 18.20 0.6
e 50 07.00
TTA 34.43 40 eP 48 20.80 0.4
SVW 34.47 43 eP 48 21.90 1.1
IMA 35.82 35 eP 48 31.90 -0.4
0.6s 2.20nm 4.3mb
LZH 36.75 273 eP 48 40.50 0.0
1.5s 20.00nm 4.8mb
FBA 38.18 37 eP 48 52.70 0.8
0.6s 4.50nm 4.5mb
TOA 38.98 42 eP 48 58.90 0.2
INK 43.66 31 eP 49 36.00 -0.9
pP 49 47.50 41kmX
YKA 52.94 35 eP 50 48.10 -1.0
0.9s 0.80nm 3.7mb
GUN 53.94 275 P 50 57.60 0.2
KKN 54.44 275 P 51 01.00 0.1
PKI 54.48 275 P 51 01.20 -0.1
DMN 54.67 275 P 51 02.40 -0.2
GKN 54.76 276 P 51 03.20 0.0
WRA 66.60 197 P 52 25.00 1.6
1.0s 0.50nm 3.6mb
NB2 69.36 341 P 52 38.80 -1.4
0.8s 2.30nm 4.3mb
KHC 79.16 333 eP 53 36.50 -0.5
S.D. = 1.0 on 20 of 20 obs.

FEB 24, 1992 21h 31m 44.24± 0.47s
46.256 N ± 4.6km 12.460 E ± 4.4km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
MD 2.9 (LJU), 2.7 (TRI). ML 2.6
(FUR), 2.5 (VIE).

VVI 0.27 185 P 31 50.00 0.0
eSg 31 55.40
FVI 0.40 33 P 31 51.10 -1.4
eSg 31 56.80
CTI 0.60 250 P 31 55.50 -0.9
eSg 32 05.60
VOY 1.02 102 ePn 32 03.70 0.1
eSn 32 17.80
KBA 1.02 36 iPgc 32 03.10 -0.6
iSg 32 15.30
TRI 1.06 121 ePg 32 04.00 -0.2
iSg 32 18.40
OGA 1.16 302 ePg 32 04.90 -1.2
SQTA 1.29 319 iPgc 32 08.40 0.1
iSg 32 25.00
LJU 1.46 98 ePn 32 11.00 0.4
eSn 32 32.50
CEY 1.47 110 e(Pn) 32 11.00 0.3
eSn 32 31.50
BHG 1.49 11 ePn 32 13.10 2.0
SAL 1.50 245 P 32 12.00 0.9
RIY 1.63 123 e(Pn) 32 12.80 -0.2
iSn 32 35.70
FUR 2.07 338 ePn 32 21.10 1.6
VBY 2.09 110 ePn 32 26.70 6.9X
eSn 32 51.00
WET 2.90 5 ePn 32 30.70 -0.7
KHC 2.97 14 eP 32 38.00 5.6X
Sg 33 18.70
S.D. = 1.0 on 15 of 17 obs.

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* FEB 24, 1992 21h 55m 15.05± 0.90s
28.647 S ± 6.6km 71.968 W ±12.4km
DEPTH = 33.0km (normal)
4.2mb (1 obs.)
NEAR COAST OF CENTRAL CHILE (135)
MD 4.5 (SAN).

RTRS 2.66 125 iPc 55 56.90 0.4
RTBS 3.71 145 iPd 56 18.00 6.6X
RTCB 3.94 137 iPc 56 15.00 0.1
RTLL 4.04 132 iPd 56 15.50 -0.8
ZON 4.06 136 iPc 56 17.00 0.5
JACH 4.19 164 eP 56 18.60 0.2
CFA 4.37 133 iPd 56 20.20 -0.8
IHA 4.37 176 eP 56 26.00 5.1X
e(S) 57 12.50
PEL 4.62 167 iPd 56 24.60 0.2
iS 57 11.20
LCCH 4.83 176 iPc 56 27.20 0.0
SAN 4.92 167 eP 56 28.50 -0.2
iS 57 20.00
MDZ 5.00 148 iP 56 32.30 2.4
i 56 54.30
TACH 5.07 170 iPd 56 30.20 -0.6
iS 57 22.00
PCH 5.11 166 iP 56 31.20 -0.3
iS 57 25.50
ANT 5.12 16 eP 56 30.00 -1.4
LNV 5.31 175 iPc 56 33.10 -1.0
iS 57 27.00
CHCH 5.39 168 iPc 56 34.30 -1.0
iS 57 30.50
CACH 5.58 168 iPd 56 38.00 0.0
YKA 97.02 342 eP 08 46.00 1.9
0.8s 0.60nm 4.2mb
S.D. = 1.1 on 17 of 19 obs.

FEB 24, 1992 23h 03m 10.25± 1.37s
32.027 S ± 6.3km 71.841 W ±14.3km
DEPTH = 23.3 ± 5.2 km
NEAR COAST OF CENTRAL CHILE (135)
MD 4.0 (SAN).

IHA 1.01 170 eP 03 32.80 3.9X
iS 03 43.50
ROCH 1.17 144 iPc 03 31.50 0.0
iS 03 43.00
JACH 1.24 122 iPd 03 31.60 -0.7
iS 03 46.20
LCCH 1.46 171 iP 03 36.30 1.0
iS 03 52.10
PEL 1.48 139 iPc 03 35.50 -0.2
iS 03 51.00
SAN 1.74 145 eP 03 39.00 -0.4
TACH 1.79 155 iPd 03 40.00 -0.2
PCH 1.94 145 iPd 03 42.30 -0.1
LNV 1.96 169 iPc 03 42.40 -0.1
TLL 2.06 26 eP 03 43.00 -1.2
iS 04 07.10
RTBS 2.06 80 iPc 03 45.00 0.9
S 04 39.00
CHCH 2.15 153 iPd 03 45.00 -0.4
CACH 2.33 154 iPd 03 48.60 0.6
RTCB 2.65 79 iPd 03 52.90 0.4
MDZ 2.67 109 eP 04 02.40 9.6X
i 04 10.50
i 04 25.80
ZON 2.74 81 eP 03 56.00 2.3X
RTRS 2.76 48 eP 03 55.00 1.1
S 04 27.30
RTLL 2.96 77 ePd 03 56.30 -0.5
S 04 30.50
RFA 3.93 135 ePc 04 10.00 -0.6

```
                (S)   04 28.40
CYA      6.33  57 e(P)  04 40.00  -4.6X
     S.D. = 0.7  on  16 of  20 obs.
-----------------------------------------
*  FEB  24, 1992  23h 28m 52.60± 1.13s
   34 171 N ±16.0km   25.982 E ± 4.8km
   DEPTH =  33.0km  (normal)
   4.1mb ( 11 obs.)
 CRETE                                (370)
      ML 4.2 (CSS).

CIN      3.82  26 eP    29 51.00   0.5
ELL      4.11  50 ePn   29 55.20   0.4
BCK      4.98  47 ePn   30 07.00  -0.1
CSS      6.11  81 eP    30 22.50  -0.5
                  eS    31 27.00
GEC2    17.27 332 Pc    32 52.20  -0.6
        0.7s      0.88nm          3.0mb X
CDF     19.92 321 eP    33 24.10  -0.3
        0.8s      6.70nm          4.0mb
HAU     20.17 319 eP    33 26.10  -0.8
SMF     20.88 313 eP    33 33.80  -0.4
        0.6s      2.70nm          3.8mb
LBF     20.97 314 eP    33 34.30  -0.8
LOR     21.18 315 eP    33 36.50  -0.8
        0.6s      2.70nm          3.8mb
SSF     21.28 314 eP    33 37.90  -0.4
        1.0s      6.00nm          4.0mb
BGF     21.45 312 eP    33 40.60   0.6
        0.8s      8.05nm          4.2mb
LPO     21.76 306 eP    33 44.00   0.9
        0.8s      6.70nm          4.1mb
LDF     24.16 314 eP    34 07.10   0.5
        0.6s      3.60nm          4.1mb
FLN     24.45 315 eP    34 09.90   0.5
        0.6s      4.50nm          4.2mb
LPF     24.47 313 eP    34 10.20   0.6
        0.7s      4.40nm          4.1mb
GRR     24.51 313 eP    34 10.60   0.6
        0.6s      3.60nm          4.1mb
YKA     78.60 342 eP    40 52.20   0.1
        0.5s      0.40nm          3.7mb
     S.D. = 0.6  on  18 of  18 obs.
-----------------------------------------
?  FEB  25, 1992  00h 12m 26.91±14.16s
   18.644 N ±67.6km   65.569 W ±94.4km
   DEPTH =  33.0km  (normal)
 PUERTO RICO REGION                   ( 90)

LPR      0.44 221 P     12 36.60  -0.1
                  S     12 48.00
CPD      0.69 209 P     12 40.20   0.0
SJG      0.76 226 iP    12 41.20  -0.1
CLLP     1.11 240 P     12 46.40   0.2
                  S     13 07.40
APR      1.12 260 P     12 46.20  -0.1
PORP     1.17 240 P     12 47.00  -0.1
     S.D. = 0.2  on   6 of   6 obs.
-----------------------------------------
*  FEB  25, 1992  01h 57m 25.87± 0.76s
   25.195 N ±14.7km   92.225 E ±10.3km
   DEPTH =  33.0km  (normal)
   5.0mb (  2 obs.)
 INDIA-BANGLADESH BORDER REGION  (315)

GUN      6.29 297 P     58 59.60   0.4
PKI      6.55 293 P     59 02.40  -0.4
KKN      6.74 294 P     59 06.20   0.9
DMN      6.82 292 P     59 06.20  -0.3
GKN      7.34 294 P     59 13.00  -0.7
HYB     14.90 241 eP    00 56.00   0.1
WRA     60.75 134 P     07 37.00   0.1
        0.4s      4.40nm          4.9mb
WB2     60.75 134 iPc   07 36.80  -0.1
        0.4s      6.80nm          5.1mb
GEC2    64.09 314 PKP   07 59.10   0.1
        0.5s      0.20nm          3.5mb X
     S.D. = 0.6  on   9 of   9 obs.
-----------------------------------------
&  FEB  25, 1992  02h 04m 51.44s
   36.038 N          117.890 W
   DEPTH =   3.3km
 CALIFORNIA-NEVADA BORDER REGION ( 40)
      <PAS-P>. ML 2.6 (PAS).

PANV     0.73  60 P     05 05.30  -0.8
MCA      0.78  39 P     05 05.80  -1.3
OSM      0.83  95 P     05 07.30  -0.7
SGV      1.17  36 P     05 13.40  -0.6
LCH      1.21   9 P     05 13.60  -1.1
PPK      1.39 359 P     05 17.70   0.0
SDH      1.39  64 P     05 16.90  -0.9
YMT3     1.41  57 P     05 17.10  -0.9
MGM      1.44  13 P     05 18.00  -0.5
YMT5     1.44  53 P     05 17.70  -0.9
YMT6     1.45  55 P     05 17.90  -0.8
LSM      1.48  61 P     05 18.50  -0.6
TMBR     1.57  50 P     05 19.60  -0.8
ABL      1.61 223 eP    05 20.76  -0.2
                  eS    05 41.23
SVP      1.68   2 P     05 22.20   0.2
SSK      1.83 175 ePn   05 24.80   0.6
                  eS    05 48.00
BONR     1.94 350 ePn   05 25.68  -0.2
                  ePg   05 27.80
                  eS    05 53.82
BCH      1.98 245 eP    05 26.48   0.2
PHAM     2.05 265 P     05 29.60   2.4
TNP      2.11  15 ePn   05 28.09  -0.2
                  ePg   05 30.85
                  eS    05 58.28
PEC      2.22 164 P     05 31.50   1.7
PLM      2.81 162 P     05 39.70   1.4
        22 obs. associated
-----------------------------------------
*  FEB  25, 1992  02h 44m 03.66± 1.02s
     4.442 S ±10.9km  151.280 E ±14.3km
   DEPTH =  63.4 ± 13.7 km
   4.2mb (  4 obs.)  4.0Msz (  1 obs.)
 NEW BRITAIN REGION, P.N.G.           (192)

RAB      0.92  74 iPc   44 21.30   0.2
        0.4s  1898.31nm
                  iS    44 43.00
PMG      6.41 219 eP    45 37.00  -0.7
                  eS    46 49.00
GUA     18.95 341 eP    48 23.00   0.3
                  e     48 51.00
GUMO    19.01 341 eP    48 23.10  -0.2
OIS     19.64 214 eP    48 25.00  -5.1X
RMO     22.06 186 iPc   48 47.00  -7.6X
        1.0s     25.00nm          4.6mb
WB2     22.57 226 iPc   49 00.50   0.8
        1.1s      6.30nm          4.0mb
DZM     22.87 141 iPc   48 43.10 -19.7X
ASPA    25.43 220 iPc   49 27.50   0.3
        1.3s     11.40nm          4.2mb
      Z  20s      0.50um          4.0Msz
                  e     49 58.50
GUN     70.64 301 P.    55 00.00 -15.3X
INK     88.67  21 eP    56 51.50   0.6
YKA     95.82  28 eP    57 22.70  -1.3
        0.8s      0.80nm          4.3mb
     S.D. = 0.9  on   8 of  12 obs.
-----------------------------------------
?  FEB  25, 1992  02h 54m 16.83± 3.43s
   44.659 N ±10.7km   7.590 E ±26.2km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                       (545)

BHB      0.30 308 P     54 23.02   0.0
                  S     54 28.51
PZZ      0.38 246 P     54 24.73   0.0
                  S     54 31.39
ENR      0.45 196 P     54 26.06   0.0
                  S     54 33.65
STV      0.46 205 P     54 26.10   0.0
                  S     54 33.53
     S.D. = 0.1  on   4 of   4 obs.
-----------------------------------------
*  FEB  25, 1992  04h 12m 50.10± 1.27s
   31.312 S ± 8.1km   68.573 W ±16.0km
   DEPTH = 116.0 ± 13.9 km
 SAN JUAN PROVINCE, ARGENTINA         (137)

RTLL     0.09 101 iPc   13 06.00  -0.6
ZON      0.25 201 iPd   13 07.00   0.1
                  eS    13 19.00
RTCB     0.26 228 iPd   13 06.50  -0.5
                  S     13 34.20
CFA      0.41 136 iPc   13 08.00   0.6
RTRS     1.37 326 iPc   13 16.30   0.2
                  S     13 35.20
MDZ      1.58 188 iP    13 19.60   0.9
                  iS    13 39.10
RFA      3.45 179 iP    13 42.40  -0.7
                  S     14 11.70
CYA      3.74  41 iP    13 47.00   0.0
                  S     14 29.00
     S.D. = 0.8  on   8 of   8 obs.
-----------------------------------------
?  FEB  25, 1992  04h 30m 42.57±10.62s
   39.976 N ±30.3km   27.683 E ±87.2km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                               (366)

EDC      0.40  20 ePn   30 50.50  -0.2
BNT      0.42  26 ePn   30 50.60  -0.6
DST      0.82 117 iPn   30 58.10  -0.3
CTT      1.30  26 ePn   31 07.20   0.6
IZI      1.42  75 ePn   31 09.00   0.5
     S.D. = 0.7  on   5 of   5 obs.
-----------------------------------------
*  FEB  25, 1992  04h 36m 51.15± 1.85s
   32.801 S ± 8.2km   71.709 W ±17.5km
   DEPTH =  33.0km  (normal)
 NEAR COAST OF CENTRAL CHILE          (135)
      MD 3.9 (SAN).

IHA      0.23 166 e(P)  37 02.50   4.4X
ROCH     0.61 106 iPd   37 02.50  -1.1
                  iS    37 12.40
LCCH     0.68 170 eP    37 03.40  -0.9
                  iS    37 14.10
PEL      0.93 112 iPd   37 07.60  -0.3
                  iS    37 21.00
JACH     0.95  83 iPd   37 06.80  -1.4
                  iS    37 20.50
TACH     1.07 143 iPc   37 10.00   0.1
                  iS    37 26.60
SAN      1.09 127 eP    37 10.50   0.3
                  iS    37 26.50
LNV      1.18 168 iPc   37 10.60  -0.7
                  iS    37 27.40
PCH      1.29 130 iPc   37 13.60   0.5
                  iS    37 33.00
CHCH     1.43 142 iPc   37 16.00   0.9
                  iS    37 36.00
CACH     1.61 145 iPd   37 19.20   1.5
MDZ      2.41  93 e(P)  37 32.50   3.3X
RTLL     3.12  63 e(P)  37 40.00   0.8
RTRS     3.25  37 ePd   37 41.30   0.3
     S.D. = 1.0  on  12 of  14 obs.
-----------------------------------------
?  FEB  25, 1992  05h 42m 03.08± 4.44s
   29.841 S ±20.5km   69.544 W ±37.3km
   DEPTH =  10.0km  (geophysicist)
 CHILE-ARGENTINA BORDER REGION        (127)

RTRS     0.34 168 iPd   42 08.20  -1.8
RTLL     1.75 148 ePd   42 34.30   0.6
RTCB     1.76 159 iPd   42 37.50   3.6X
                  S     43 02.00
CFA      2.09 148 eP    42 39.50   0.9
                  S     43 09.50
MDZ      3.09 169 e(P)  43 01.50   8.6X
CYA      3.56  68 e(P)  42 59.00  -0.6
MRA      4.17 129 ePc   43 08.70   0.6
                  S     44 12.80
TCA      4.52 111 ePc   43 12.50  -0.8
RFA      5.00 170 eP    43 20.50   0.5
     S.D. = 1.2  on   7 of   9 obs.
-----------------------------------------
&  FEB  25, 1992  05h 51m 48.40s
   62.946 N          150.556 W
   DEPTH =  93.1km
   2.5mb (  1 obs.)
 CENTRAL ALASKA                       (  1)
      <AEIC>.

HUR      0.42  85 iP    52 02.83  -0.3
                  eS    52 13.71
TRF      0.52  13 eP    52 03.97  -0.1
                  eS    52 15.94
CUT      0.56 166 iP    52 04.09   0.0
                  eS    52 16.24
KTH      0.63 345 iP    52 04.78  -0.1
                  eS    52 16.97
RND      0.90  58 iP    52 06.97  -0.6
                  eS    52 20.83
SKT      1.07 205 iP    52 09.16  -0.3
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                  eS      52 25.01
MCK      1.08  42 eP      52 09.23  -0.3
                  eS      52 25.79
GHO      1.40 146 eP      52 13.33  -0.2
SUA      1.49 183 eP      52 14.73   0.0
PLRM     1.51 153 eP      52 14.96   0.1
PMR      1.51 153 iPd     52 14.71  -0.1
                  eS      52 33.73
SML      1.54 137 eP      52 14.43  -0.8
                  eS      52 36.13
NCG      1.72 207 iP      52 17.17  -0.5
NEA      1.76  21 eP      52 17.15  -1.0
PMS      1.77 164 eP      52 18.10  -0.1
                  eS      52 40.73
CGLM     1.78 203 eP      52 17.94  -0.5
KNK      1.83 146 eP      52 18.30  -0.7
CRP      1.85 205 eP      52 19.33   0.0
WRH      1.88  35 eP      52 18.23  -1.5
CKN      1.89 205 eP      52 20.44   0.6
BGL      1.90 208 eP      52 20.21   0.2
SPU      1.91 202 eP      52 20.12   0.1
CKL      1.95 206 eP      52 20.65   0.0
BKG      2.05 204 eP      52 21.90  -0.1
MLY      2.10 358 eP      52 21.30  -1.3
HDA      2.17  46 eP      52 22.21  -1.4
TOA      2.20 111 eP      52 23.94  -0.1
THY      2.23  76 eP      52 24.11  -0.2
MDM      2.27  26 eP      52 23.73  -1.1
DDM      2.28  66 eP      52 25.05   0.0
FBA      2.31  31 P       52 24.45  -0.9
PAX      2.32  87 eP      52 24.81  -0.9
SDG      2.35  98 eP      52 25.00  -0.9
SLKM     2.45 176 eP      52 27.79   0.4
GLM      2.48  33 eP      52 26.71  -1.0
TTA      2.49 272 iPd     52 26.86  -1.1
RDT      2.54 201 eP      52 29.19   0.6
DFR      2.57 204 eP      52 30.92   1.9
FLU      2.62 122 eP      52 27.32  -2.3
GLI      2.64 140 eP      52 28.37  -1.5
REF      2.67 203 eP      52 30.98   0.5
RDW      2.70 204 eP      52 31.24   0.4
RS2      2.70 204 eP      52 32.82   1.9
RSO      2.70 204 eP      52 31.94   1.0
RS1      2.71 204 eP      52 32.22   1.2
SEW      2.90 169 eP      52 32.41  -1.0
DOT      3.02  74 eP      52 34.46  -0.6
SVW      3.02 235 eP      52 33.68  -1.4
INE      3.13 204 eP      52 38.04   1.2
LTI      3.19 155 eP      52 35.86  -1.5
CNPM     3.45 186 eP      52 40.90  -0.1
GLB      3.50 113 eP      52 39.44  -2.3
PDB      3.62 211 eP      52 42.82  -0.5
BALM     4.32 113 eP      52 50.83  -2.3
YKA     16.36  75 eP      55 29.10  -4.2
        0.6s     0.20nm           2.5mb
        55 obs. associated
-----------------------------------------
? FEB 25, 1992  06h 31m 02.81±10.04s
   41.219 N ±67.2km   29.760 E ±18.6km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                             (366)

HRT      0.40 190 iPn     31 11.00  -0.1
YLV      0.71 204 iPn     31 16.80  -0.1
EYL      0.72 155 ePn     31 17.00   0.0
IZI      0.91 194 iPn     31 20.50   0.3
     S.D. = 0.3  on   4 of   4 obs.
-----------------------------------------
* FEB 25, 1992  08h 31m 03.84± 1.67s
   35.640 N ±12.3km  141.224 E ±11.4km
   DEPTH =  48.3 ± 12.1 km
   4.5mb (  7 obs.)
 NEAR EAST COAST OF HONSHU, JAPAN(228)

KAKJ     1.02 304 P       31 21.10  -0.9
                  S       31 36.30
CHJJ     1.86 283 iPd     31 34.00   0.2
NIIJ     2.40 312 P       31 42.50   1.1
MAT      2.60 291 iPc     31 44.30  -0.1
                  (S)     32 17.00
YAMJ     2.70 340 P       31 47.30   1.5
                  eS      32 21.70
IIDJ     2.71 268 P       31 44.80  -1.1
MTMJ     2.92 290 P       31 49.00   0.0
OFUJ     3.45   6 P       31 57.50   1.1
                  eS      32 41.30
TSRJ     4.27 270 eP      32 09.30   1.3
HOOJ     6.92  13 eP      32 44.20  -1.0
                  eS      34 01.80
KUSJ     7.92  19 eP      32 56.90  -2.2
                  eS      34 22.40
ASAJ     8.54   7 eP      33 07.40  -0.2
GUN     47.15 277 P       39 32.00  -1.8
PKI     47.67 277 P       39 36.20  -1.7
KKN     47.69 277 P       39 39.80   1.9
GKN     48.12 278 P       39 39.40  -1.8
WB2     55.66 188 iPd     40 37.10  -0.3
         0.5s     5.60nm           4.8mb
INK     55.70  27 eP      40 38.00   0.8
ASPA    59.39 188 eP      41 04.80   1.2
         0.9s     3.70nm           4.5mb
KEV     64.69 339 eP      41 53.00  14.4X
YKA     65.09  30 eP      41 41.50   0.3
         0.9s     0.80nm           3.8mb
SOD     66.19 337 eP      41 53.00   4.8X
KAF     69.48 333 iP      42 08.60  -0.2
         0.5s     3.80nm           4.6mb
NUR     71.11 332 iP      42 18.50  -0.2
         0.4s     3.10nm           4.6mb
NB2     75.41 337 P       42 44.30   0.4
         0.8s     5.10nm           4.5mb
GEC2    83.81 328 PKP     43 28.90  -0.4
         0.9s     1.66nm           4.1mb
GRF     84.20 330 eP      43 33.00   1.9
     S.D. = 1.3  on  25 of  27 obs.
-----------------------------------------
   FEB 25, 1992  09h 08m 08.22± 0.58s
   44.979 N ± 3.9km    7.386 E ± 5.2km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                     (545)

BHB      0.16 212 P       08 12.80   0.8
                  S       08 15.37
RSP      0.20 332 P       08 12.39  -0.2
                  S       08 14.96
RRL      0.43 262 P       08 17.42   0.3
                  S       08 23.06
DOI      0.49 192 P       08 18.00  -0.1
                  eSg     08 26.00
LSD      0.51 341 P       08 18.24  -0.3
                  S       08 24.39
BNI      0.51 279 P       08 18.80   0.2
                  eSg     08 24.90
PZZ      0.52 203 P       08 18.44  -0.3
                  S       08 26.44
STV      0.74 183 P       08 22.03  -0.7
                  S       08 31.87
ENR      0.75 178 P       08 22.13  -0.9
                  S       08 32.39
ROB      0.77 153 P       08 23.77   0.5
                  S       08 34.23
PCP      0.93 117 P       08 26.64   0.5
                  S       08 39.46
     S.D. = 0.6  on  11 of  11 obs.
-----------------------------------------
   FEB 25, 1992  09h 30m 51.96± 0.43s
   43.084 N ± 6.3km   77.969 E ± 7.5km
   DEPTH =  10.0km  (geophysicist)
   4.4mb ( 10 obs.)
 LAKE ISSYK-KUL REGION              (330)
      Felt (V) at Saty, (IV) at
      Bar-Togoy and (III) at Alma-Ata,
      Kazakhstan.

KSH      3.92 203 Pg      31 51.80  -1.9
WMQ      7.12  81 Pn      32 39.00   0.3
QUE     15.60 218 eP      34 20.70 -12.9X
GKN     15.99 158 P       34 38.40  -0.2
         0.8s    34.00nm           4.5mb
KKN     16.37 156 P       34 43.20  -0.4
GUN     16.44 155 P       34 45.20   0.6
DMN     16.49 157 P       34 45.80   0.6
PKI     16.61 156 P       34 46.60  -0.2
GTA     16.83  95 eP      34 48.00  -1.2
         0.8s    17.00nm           4.2mb
                  pP      34 54.00
LZH     21.08 101 eP      35 37.50  -1.3
         1.5s    23.00nm           4.3mb
CD2     23.81 112 eP      36 07.80   2.1
HHC     24.99  84 eP      36 20.00   2.9X
XAN     25.71 100 eP      36 27.50   3.5X
GYA     28.63 116 P       36 52.00   1.3
KAF     35.48 321 eP      37 50.70   0.5
         0.4s     2.10nm           4.4mb
NUR     36.10 318 eP      37 55.10  -0.3
HFS     41.55 317 eP      38 41.60   0.8
         0.5s     2.60nm           4.2mb
NB2     42.67 319 P       38 50.30   0.3
         0.6s     2.70nm           4.2mb
DAG     50.02 343 eP      39 47.00  -0.9
         0.8s     5.22nm           4.6mb
MBC     60.43   5 ePd     41 03.10  -0.3
         0.5s     4.00nm           4.8mb
BCAO    64.93 251 ePc     41 35.70   1.7
         0.7s     8.00nm           5.0mb
                  id      41 44.10
INK     66.45  12 eP      41 43.00   0.0
YKA     74.29   6 eP      42 29.20  -1.4
         0.7s     2.30nm           4.3mb
     S.D. = 1.1  on  20 of  23 obs.
-----------------------------------------
? FEB 25, 1992  10h 08m 47.51± 6.21s
   37.572 S ±22.6km  178.378 E ±42.0km
   DEPTH = 122.3 ± 44.9 km
 OFF E. COAST OF N. ISLAND, N.Z. (160)

HBZ      0.07 246 Pc      09 03.40  -0.8
PUZ      0.51 191 Pc      09 06.00   0.0
                  S       09 15.40
NOZ      1.08 194 P       09 12.30   1.5
URZ      1.22 235 P       09 11.80  -0.4
                  S       09 24.80
WLZ      2.23 262 eP      09 24.50   0.1
KUZ      2.28 290 P       09 25.60   0.6
MNG      3.79 216 eP      09 44.20  -0.9
INK    111.49  17 ePKP    27 12.50   4.9X
     S.D. = 1.2  on   7 of   8 obs.
-----------------------------------------
& FEB 25, 1992  10h 45m 23.64s
   35.416 N          118.455 W
   DEPTH =   0.1km
 CENTRAL CALIFORNIA                 ( 39)
      &lt;PAS-P&gt;. ML 2.8 (PAS), 2.6 (GS).

ABL      0.84 228 ePc     45 39.26  -1.2
MWC      1.23 165 eP      45 47.77   0.1
                  S       46 04.83
PAS      1.29 169 eP      45 48.43   0.0
                  S       46 05.79
GFP      1.29 175 eP      45 48.84   0.4
PEM      1.34 159 eP      45 48.61  -0.6
                  S       46 07.79
PKEM     1.49 296 e(P)    45 51.39  -0.4
PVPS     1.63 178 P       45 54.70   1.1
PHAM     1.64 285 eP      45 52.41  -1.4
PVRC     1.66 178 eP      45 53.71  -0.4
                  S       46 16.90
VPD      1.70 160 eP      45 54.36  -0.3
PEC      1.86 145 eP      45 54.73  -2.3
                  eS      46 22.12
CIW      1.95 182 eP      45 58.79   0.5
CIS      2.00 179 P       45 58.80  -0.4
PLM      2.44 147 eP      46 05.13  -0.5
                  eS      46 35.72
BONR     2.54   3 ePn     46 05.80  -1.3
TNP      2.84  20 P       46 13.60   2.3
        16 obs. associated
-----------------------------------------
? FEB 25, 1992  10h 49m 13.05± 5.63s
   45.593 N ±25.9km   26.320 E ±18.9km
   DEPTH = 143.9 ± 52.1 km
 ROMANIA                            (358)

CVO      0.25 336 iPc     49 32.20  -0.1
MLR      0.28 249 iPc     49 32.50  -0.1
VRI      0.40  46 iPc     49 33.00   0.2
ISR      0.48 161 iPc     49 33.00  -0.9
BRD      0.52  98 iPc     49 34.00   0.0
MTUR     0.96 248 ePd     49 39.00   1.7
CLI      1.17  35 iPc     49 39.50   0.4
COZ      1.42 260 iPd     49 42.50   0.7
TNR      1.44 273 ePc     49 40.00  -1.8
MDB      1.46 293 iPc     50 04.00  21.9X
     S.D. = 1.3  on   9 of  10 obs.
-----------------------------------------
? FEB 25, 1992  11h 49m 32.86± 9.02s
   39.295 N ±51.5km   16.596 E ±28.4km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN ITALY                     (390)

ROI      0.28 356 P       49 38.80   0.1
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TDS      0.41 331 P      49 41.50   0.2
                  eSg    49 48.00
CSI      0.54 334 P      49 43.50  -0.2
ORI      0.78 352 P      49 47.90  -0.1
                  eSg    49 59.30
MGR      1.16 317 P      49 54.60   0.0
                  eSn    50 11.00
     S.D. = 0.2  on   5 of   5 obs.
-----------------------------------
   FEB  25, 1992  12h 17m 59.62± 1.23s
   40.757 N ±11.3km   30.318 E ± 7.3km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                            (366)

EYL      0.23 213 iPg    18 04.80   0.2
HRT      0.50 278 iPg    18 09.80   0.1
                  iSg    18 17.80
YLV      0.74 255 iPg    18 13.80  -0.5
                  eSg    18 26.00
IZI      0.77 237 iPg    18 14.70   0.0
                  eSg    18 26.70
NAL      0.93 126 iP     18 17.50   0.0
                  eS     18 31.00
ISK      1.00 288 iPg    18 18.80   0.2
                  iSg    18 33.00
DST      1.73 229 iPn    18 31.80   1.8X
BNT      1.87 258 ePn    18 34.00   2.0X
     S.D. = 0.3  on   6 of   8 obs.
-----------------------------------
?  FEB  25, 1992  12h 39m 02.11±14.65s
   39.023 N ±20.8km   25.374 E ±125.km
   DEPTH =  10.0km  (geophysicist)
 AEGEAN SEA                        (365)

IZM      1.60 112 iPn    39 30.60   0.0
EDC      2.33  55 ePn    39 41.00  -0.1
BNT      2.37  55 ePn    39 41.80   0.1
DST      2.59  76 ePn    39 44.80   0.0
YLV      3.44  62 ePn    39 57.00   0.0
     S.D. = 0.1  on   5 of   5 obs.
-----------------------------------
%  FEB  25, 1992  13h 21m 52.53± 0.88s
   42.619 N ± 6.4km    8.474 W ± 9.4km
   DEPTH =  10.0km  (geophysicist)
 SPAIN                             (377)
      mbLg 3.3 (MDD). Felt (III) in
      the Cuntis area.

STS      0.27 348 iPg    21 58.20  -0.1
                  iSg    22 02.00
EZAM     0.50 199 iPg    22 02.00  -0.6
                  iSg    22 07.50
ERUA     1.01 102 iPg    22 12.30   0.6
                  iSg    22 25.50
EMON     1.17  45 iPn    22 14.50   0.1
                  iSn    22 29.30
PTO      1.48 184 iPnc   22 20.40   1.2
                  iSn    22 39.30
GUD      3.79 120 ePn    22 51.20  -1.2
     S.D. = 1.1  on   6 of   6 obs.
-----------------------------------
?  FEB  25, 1992  14h 28m 27.46±10.37s
   39.608 N ±50.0km   27.728 E ±64.6km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                            (366)

DST      0.70  90 ePg    28 40.70  -0.5
                  iSg    28 51.80
BNT      0.76  11 ePn    28 42.00  -0.3
KCT      0.80  37 ePn    28 42.60  -0.4
YLV      1.58  52 ePn    28 57.00   1.3
     S.D. = 1.5  on   4 of   4 obs.
-----------------------------------
?  FEB  25, 1992  16h 27m 48.61± 2.39s
   7.040 S ±36.3km  126.781 E ±51.2km
   DEPTH = 305.7 ± 32.7 km
   4.4mb (  4 obs.)
 BANDA SEA                         (280)

MTN      7.19 144 eP     29 33.50   0.5
                  eS     30 59.00
WB2     14.78 151 eP     31 04.20  -1.6
      0.5s     5.80nm          4.2mb
                  eS     33 40.50
ASPA    17.89 158 iPd    31 38.40  -0.4
      0.7s    16.90nm          4.6mb
                  i      31 42.10
                  eS     34 49.70
OIS     18.30 139 iPc    31 44.40   1.5
      0.2s     4.00nm          4.5mb
LZH     48.01 335 eP     35 58.00  -1.6
      2.0s    32.00nm          4.3mb
GUN     52.61 313 P      36 34.60   0.2
PKI     52.76 313 P      36 35.00  -0.5
KKN     52.98 313 P      36 37.60   0.6
DMN     53.00 312 P      36 38.60   1.4
GKN     53.57 312 P      36 41.20   0.0
     S.D. = 1.3  on  10 of  10 obs.
-----------------------------------
*  FEB  25, 1992  17h 46m 32.69± 2.16s
   27.135 S ±11.9km   71.498 W ±17.7km
   DEPTH =  35.0 ± 17.0 km
   5.2mb (  3 obs.)
 NEAR COAST OF NORTHERN CHILE      (122)

TLL      3.08 169 eP     47 21.60   1.2
                  iS     47 57.50
RTRS     3.51 150 iP     47 29.30   3.1X
RTBS     4.85 159 iPd    47 49.00   3.8X
RTCB     4.93 152 iPc    47 48.40   1.8
                  S      48 32.90
RTLL     4.95 148 iPd    47 47.60   0.9
                  (S)    48 40.00
CYA      5.22 106 eP     47 49.50  -1.0
                  S      48 45.00
CFA      5.29 148 ePd    47 52.50   1.1
IHA      5.87 181 eP     48 18.00  18.4X
                  e(S)   49 32.50
SLA      5.91  67 eP     48 02.00   1.6
PEL      6.03 173 iPd    48 02.10   0.2
MDZ      6.17 159 iP     48 05.10   1.1
                  i      48 13.60
                  iS     48 56.70
LCCH     6.32 181 iPd    48 05.00  -0.9
TACH     6.51 176 iPd    48 08.10  -0.6
PCH      6.52 173 iPd    48 08.70  -0.2
LNV      6.80 179 iPd    48 10.80  -1.8
CHCH     6.82 174 iPc    48 12.10  -0.8
CACH     7.00 174 iPd    48 15.10  -0.5
YJA      7.36  49 eP     48 20.00  -1.0
RFA      8.04 162 eP     48 29.20  -1.0
LPB     11.01  17 P      49 21.00   9.7X
PPD     19.04  79 eP     50 53.00  -1.7
SPA     63.02 180 iPc    57 01.90   3.5X
      1.1s    22.62nm          5.2mb
LIC     72.25  73 P      57 55.70  -1.1
TIC     72.47  73 P      57 57.40  -0.7
KIC     72.57  73 P      57 57.70  -0.9
BUL     89.53 112 iPc    59 28.40   0.0
      0.5s     4.93nm          5.1mb
BCAO    92.03  86 iPd    59 41.90   2.1
      0.9s    14.00nm          5.4mb
YKA     95.72 341 eP     59 57.50   1.8
      0.4s     0.20nm          3.9mb X
WRA    126.92 211 PKP    05 37.50   2.3X
      0.6s     1.20nm
KOD    146.27 114 ePKP   06 13.90   2.7X
HYB    150.71 103 ePKPc  06 24.50   6.8X
GKN    158.83  82 PKP    06 31.40   3.0X
KKN    159.39  83 PKP    06 31.80   2.7X
GUN    159.92  83 PKP    06 31.00   1.1X
     S.D. = 1.3  on  23 of  34 obs.
-----------------------------------
*  FEB  25, 1992  18h 41m 08.07± 2.10s
   26.308 N ±11.8km  126.513 E ±12.8km
   DEPTH = 113.0 ± 13.6 km
   4.3mb (  9 obs.)
 RYUKYU ISLANDS                    (238)

TATO     4.73 255 eP     42 18.20  -0.1
SSE      6.68 317 P      42 44.80  -0.3
      1.0s    14.00nm          4.3mb
NJ2      8.80 312 Pc     43 14.00   0.0
BJI     16.18 330 eP     44 47.50  -2.5
TIY     16.47 317 eP     44 55.90   2.2
XAN     17.04 301 P      45 02.20   1.5
CN2     17.48 357 eP     45 06.60   0.6
HHC     19.08 323 eP     45 28.60   4.2X
CD2     20.49 288 eP     45 37.60  -1.3
LZH     21.66 302 eP     45 50.00  -0.8
GTA     25.85 307 P      46 31.00   0.2
      1.0s     9.00nm          4.3mb
                  sP     47 12.20
CHG     26.49 259 eP     46 36.60  -0.1
CHTO    26.49 259 iP     46 36.40  -0.3
      1.0s     9.50nm          4.3mb
LSA     31.33 284 eP     47 20.60   0.2
GUN     36.09 282 P      48 01.40   0.3
PKI     36.55 281 P      48 04.80  -0.2
KKN     36.63 282 P      48 05.40  -0.1
DMN     36.81 282 P      48 07.00  -0.1
GKN     37.17 282 P      48 10.00   0.0
HYB     45.17 269 eP     49 16.00   0.5
QUE     52.10 289 eP     50 09.30   0.3
KEV     68.80 338 eP     51 58.00  -3.5X
INK     69.43  23 eP     52 06.00   0.7
SOD     69.71 336 eP     51 58.00  -9.1X
MBC     70.11  13 eP     52 09.00  -0.5
KAF     71.69 331 iP     52 18.50  -0.6
      0.7s     5.90nm          4.5mb
NUR     73.04 330 iP     52 26.90  -0.1
      0.3s     2.50nm          4.5mb
APO     77.72 332 eP     52 53.40  -0.1
      0.4s     1.90nm          4.3mb
NB2     78.56 333 P      52 58.00  -0.2
      0.6s     2.80nm          4.2mb
YKA     79.10  24 eP     53 01.00  -0.1
      0.5s     0.80nm          3.8mb
GEC2    84.20 322 Pd     53 28.80   0.8
      0.6s     0.72nm          3.8mb
     S.D. = 0.9  on  28 of  31 obs.
-----------------------------------
   FEB  25, 1992  18h 46m 24.95± 0.55s
   20.137 S ± 7.9km  133.882 E ± 5.9km
   DEPTH =   5.0km  (geophysicist)
   4.2mb (  3 obs.)
 NORTHERN TERRITORY, AUSTRALIA     (591)

WB2      0.48  67 iPd    46 33.20  -1.4
ASPA     3.51 180 iPc    47 29.40   8.0X
      0.5s   974.00nm
                  eS     48 05.60
OIS      5.39  95 iPd    47 48.00   0.0
                  eS     48 46.00
KNA      6.54 311 eP     48 02.70  -1.5
      0.3s    26.00nm          5.8mb X
                  e      48 28.70
                  eS     49 13.70
MTN      7.71 340 eP     48 17.00  -3.7X
                  eS     49 39.00
QLP     11.47 126 eP     49 11.00  -1.5
                  eS     51 12.00
FORR    11.87 205 eP     49 20.00   2.1
      0.3s    35.00nm          6.2mb X
                  eS     51 31.00
MBL     13.19 263 eP     49 34.00  -1.7
      0.3s     6.00nm          5.2mb X
                  eS     51 56.00
STK     13.59 151 iPc    49 40.10  -0.7
                  eS     52 07.30
RMQ     15.05 118 eP     49 59.00  -1.1
                  eS     52 37.00
ADE     15.38 165 eP     50 05.00   0.7
COOL    15.69 224 eP     50 07.50  -1.0
      0.4s     7.00nm          4.3mb
NANU    17.27 259 eP     50 28.00  -0.5
                  eS     53 29.00
KLB     18.43 229 eP     50 41.00  -1.9
      0.3s     5.00nm          4.2mb
MRWA    18.58 237 eP     50 44.00  -0.8
      0.3s     4.00nm          4.1mb
                  eS     54 02.00
BFD     18.58 158 eP     50 44.00  -0.8
                  i      50 48.00
                  e      52 03.00
BAL     18.67 233 eP     50 43.00  -2.9X
BWA     19.19 141 eP     50 56.00   3.8X
MUN     19.75 230 eP     50 59.00   0.3
TOO     20.10 152 eP     51 04.00   1.6
                  i      51 06.40
CAN     20.15 142 eP     51 05.40   2.3
                  i      51 10.60
GUN     66.61 314 P      57 20.80   1.6
PKI     66.71 314 P      57 21.00   1.2
KKN     66.93 314 P      57 22.60   1.5
GKN     67.51 314 P      57 26.20   1.5
YKA    117.59  29 ePKP   05 13.20   0.0
      0.6s     0.20nm
     S.D. = 1.4  on  22 of  26 obs.
-----------------------------------
*  FEB  25, 1992  20h 10m 27.15± 0.56s
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25c 20h

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    6.911 S ± 9.1km   39.924 E ±11.4km
   DEPTH =  10.0km  (geophysicist)
   4.5mb (  2 obs.)
 TANZANIA                                (573)

NAI      6.41 331 iPnc   12 05.00   0.9
                  Pg     12 26.00
                  Sn     13 13.00
                  Sg     13 35.00
                  Lg     14 08.00
SLR     21.77 209 iPd    15 22.00   0.8
PRY     23.16 209 eP     15 34.50  -0.5
        1.0s    45.00nm          5.0mb
BCAO    24.14 297 ePc    15 55.80  11.4X
        0.7s     3.00nm
WIN     26.94 232 e(P)   15 50.00 -21.0X
        0.8s    11.19nm
GKN     55.39  49 P      20 04.40   0.1
DMN     55.53  50 P      20 05.80   0.3
PKI     55.75  50 P      20 07.00  -0.1
KKN     55.76  50 P      20 07.00   0.0
GUN     56.28  50 P      20 11.20   0.3
GEC2    60.09 340 Pc     20 35.50  -1.5
        0.7s     1.16nm          4.1mb
KHC     60.38 340 eP     20 38.60  -0.2
     S.D. = 0.8  on  10 of  12 obs.
-----------------------------------------
   FEB  25, 1992  20h 12m 25.52± 0.26s
   40.361 N ± 2.9km   28.809 E ± 2.3km
   DEPTH =  10.0km  (geophysicist)
   3.6mb (  1 obs.)
 TURKEY                                  (366)
      Felt at Bursa.

KCT      0.36 252 iPg    12 33.40   0.4
YLV      0.48  64 iPg    12 34.70  -0.5
IZI      0.51  92 iPg    12 35.50  -0.3
GBZT     0.65  48 iPgc   12 38.00  -0.5
                  iSg    12 47.00
EDC      0.72 269 iPg    12 40.50   0.8
ISK      0.73  15 iPg    12 39.50  -0.3
DST      0.77 190 iPg    12 41.00   0.5
HRT      0.80  55 iPg    12 40.50  -0.6
                  iSg    12 51.00
CTT      0.84 340 iPg    12 41.70   0.0
EYL      1.05  78 iPg    12 44.40  -1.0
DMK      1.66 332 iPn    12 54.60  -0.2
NAL      1.92  94 iP     12 59.00   0.4
                  eS     13 29.00
EZN      1.98 255 iPn    12 59.20  -0.2
KHL      2.11 165 iPn    13 01.70   0.3
ALN      2.17 285 ePn    13 02.14   0.0
                  eSn    13 34.30
IZM      2.30 212 iPn    13 04.50   0.4
JMB      2.69 322 iPc    13 10.00   0.4
                  Pg     13 20.00
                  S      13 53.00
DIM      2.99 305 eP     13 14.00   0.2
BBTK     3.07  98 eP     13 14.50  -0.6
                  eS     14 10.00
BCK      3.21 154 iPn    13 17.80   0.7
PSN      3.35 352 eP     13 20.00   1.1
RZN      3.37 295 iPd    13 19.00  -0.4
PLD      3.55 301 iPd    13 21.00  -0.8
OUR      3.69 271 ePn    13 22.70  -1.1
ELL      3.71 166 ePn    13 24.40   0.2
PVL      3.86 319 iPd    13 26.00  -0.2
KAS      3.89  73 ePn    13 27.50   0.8
                  iSg    14 29.00
PAIG     3.96 265 ePn    13 30.30   2.8X
SRS      4.03 282 ePn    13 26.00  -2.7X
MMB      4.04 289 iPc    13 28.00  -0.7
PGB      4.12 304 iP     13 30.00   0.1
SOH      4.18 278 ePn    13 26.58  -4.2X
BUC      4.52 335 ePd    14 27.00  51.5X
KNT      4.56 282 ePn    13 33.86  -2.3
VTS      4.76 300 iPc    13 39.00  -0.2
VAY      4.83 283 iPn    13 39.70  -0.3
GRG      4.91 279 ePn    13 38.22  -2.9X
ISR      5.06 342 eP     14 07.00  23.8X
MLR      5.54 339 eP     13 52.00   1.8
CMP      5.63 332 ePc    14 14.00  22.7X
VRI      5.71 345 eP     13 53.00   0.6
CVO      5.79 341 eP     13 58.90   5.4X
SKO      5.79 289 ePn    13 58.00   4.5X
TNR      6.25 329 ePc    14 00.00   0.1
CLI      6.29 350 eP     14 02.00   1.5
BZS      7.44 317 eP     14 14.00  -2.7X
GEC2    13.68 313 P      15 50.30   8.3X
        0.9s     0.76nm          3.6mb
     S.D. = 0.8  on  36 of  47 obs.
-----------------------------------------
%  FEB  25, 1992  20h 59m 43.46± 0.75s
   39.400 N ± 6.1km   16.297 E ± 9.7km
   DEPTH =  12.7 ±  6.5 km
 SOUTHERN ITALY                          (390)

ACI      0.09 236 P      59 46.60   0.2
TDS      0.26   7 P      59 49.30   0.1
                  eSg    59 53.90
ROI      0.27  51 P      59 49.00  -0.4
CSI      0.38 359 P      59 50.00  -1.3
ORI      0.67  10 P      59 57.90   1.3
                  eSg    00 07.60
MGR      0.93 322 P      00 01.30   0.3
                  eSg    00 15.10
SOI      1.34 188 P      00 08.70   0.9
SGO      1.38 327 P      00 08.40   0.0
ATN      1.40 208 P      00 07.50  -1.2
                  eSg    00 25.10
     S.D. = 1.1  on   9 of   9 obs.
-----------------------------------------
?  FEB  25, 1992  22h 08m 54.13± 2.10s
   66.751 N ±23.2km   13.805 E ±42.4km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN NORWAY                         (646)
      MD 3.0 (BER).

TRO      3.47  31 eP     09 49.17   0.0
                  eS     10 26.39
KTK1     4.23  53 eP     10 00.48   0.5
                  eS     10 48.72
ARA0     5.19  52 Pn     10 12.95  -0.6
                  Sn     11 10.07
                  Lg     11 36.52
NRA0     6.12 190 Pn     10 26.74   0.0
                  Sn     11 35.51
                  Lg     12 07.49
     S.D. = 0.8  on   4 of   4 obs.
-----------------------------------------
   FEB  25, 1992  23h 10m 08.36± 0.97s
   40.573 N ± 9.2km   21.712 E ± 5.5km
   DEPTH =   5.0km  (geophysicist)
 GREECE                                  (364)
      MD 2.0 (THE).

FNA      0.33 310 ePg    10 14.97  -0.1
                  eSg    10 19.56
GRG      0.65  54 ePg    10 21.20  -0.2
                  eSg    10 31.36
LIT      0.76 128 ePg    10 23.97   0.4
                  eSg    10 34.04
OHR      0.88 308 iPg    10 25.60  -0.1
                  iSg    10 38.10
VAY      0.99  41 ePn    10 28.30   0.7
KNT      1.08  56 ePg    10 29.28   0.2
                  eSg    10 44.36
SOH      1.27  78 ePb    10 31.52  -1.0
     S.D. = 0.6  on   7 of   7 obs.
-----------------------------------------
*  FEB  25, 1992  23h 17m 48.60± 0.74s
   28.110 N ±10.2km  142.849 E ±15.8km
   DEPTH =  33.0km  (normal)
   4.7mb (  3 obs.)
 BONIN ISLANDS REGION                    (212)

KAKJ     8.38 345 eP     19 50.80   0.1
                  eS     21 23.70
CHJJ     8.56 339 eP     19 51.60  -1.6
                  eS     21 23.60
WB2     48.47 191 eP     26 29.10  -1.0
        0.5s     9.50nm          5.1mb
                  e      26 42.40
WRA     48.47 191 P      26 29.50  -0.6
        0.6s     5.30nm          4.7mb
GUN     49.88 284 P      26 41.40  -0.1
DMN     50.62 284 P      26 48.00   1.0
GKN     50.92 284 P      26 50.20   1.1
YKA     70.97  29 eP     29 03.40  -1.1
        0.8s     1.30nm          4.0mb
SES     78.27  39 eP     29 48.00   1.3
LRM     79.73  43 eP     29 56.00   1.0
     S.D. = 1.2  on  10 of  10 obs.
-----------------------------------------
   FEB  25, 1992  23h 33m 44.92± 1.10s
   40.759 N ±10.1km   30.315 E ± 7.2km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                                  (366)

EYL      0.23 212 iPg    33 50.20   0.3
HRT      0.50 277 iPg    33 54.40  -0.6
                  iSg    34 00.40
YLV      0.74 255 iPg    33 59.30  -0.2
                  eSg    34 09.30
IZI      0.77 237 iPg    33 59.90  -0.1
                  eSg    34 10.40
NAL      0.94 126 eP     34 02.70  -0.2
                  eS     34 16.00
ISK      1.00 288 iPn    34 03.90   0.0
CTT      1.48 286 ePn    34 12.30   0.7
     S.D. = 0.5  on   7 of   7 obs.
-----------------------------------------
   FEB  25, 1992  23h 34m 31.15± 1.25s
   40.771 N ±11.3km   30.310 E ± 7.4km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                                  (366)

EYL      0.23 210 iPg    34 36.30   0.1
HRT      0.49 276 iPg    34 41.40   0.3
                  iSg    35 48.40
YLV      0.74 254 iPg    34 45.30  -0.4
                  eSg    34 57.30
IZI      0.77 236 iPg    34 46.40   0.2
                  eSg    34 57.40
NAL      0.95 126 eP     34 49.30   0.0
                  eS     35 02.00
ISK      0.99 288 iPg    34 49.90  -0.1
     S.D. = 0.3  on   6 of   6 obs.
-----------------------------------------
*  FEB  25, 1992  23h 36m 44.41± 1.16s
   40.742 N ±12.4km   30.316 E ± 7.5km
   DEPTH =  11.2 ±  9.1 km
 TURKEY                                  (366)

EYL      0.21 214 iPg    36 49.30   0.1
HRT      0.50 279 iPg    36 54.40  -0.2
                  eSg    37 01.40
GBZT     0.66 274 ePg    37 02.20   4.7X
                  iSg    37 08.00
YLV      0.74 257 iPg    36 58.30  -0.5
                  eSg    37 09.30
IZI      0.76 238 iPg    36 58.40  -0.8
                  iSg    37 09.40
NAL      0.93 125 iP     37 01.80  -0.3
                  eS     37 17.00
ISK      1.01 289 iPg    37 03.40   0.1
                  iSg    37 16.90
CTT      1.48 286 iPn    37 11.30   0.3
DST      1.72 229 iPn    37 15.50   1.0
     S.D. = 0.7  on   8 of   9 obs.
-----------------------------------------
   FEB  25, 1992  23h 54m 03.85± 0.47s
   39.402 N ± 4.7km   27.801 E ± 4.0km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                                  (366)

DST      0.67  72 iPg    54 16.90  -0.3
EDC      0.94   3 iPg    54 22.00   0.2
KCT      0.95  27 iPg    54 22.30   0.4
EZN      1.22 291 iPn    54 25.40  -1.1
IZI      1.59  54 iPn    54 32.30   0.1
YLV      1.68  46 iPn    54 33.80   0.4
KHL      1.72 128 iPn    54 33.50  -0.6
CTT      1.81  15 ePn    54 35.30   0.0
CIN      1.81 173 eP     54 36.00   0.7
GBZT     1.87  42 ePn    54 39.50   3.3X
ALN      2.01 319 ePb    54 41.20   3.0X
                  eSb    55 05.80
HRT      2.01  45 iPn    54 38.40   0.1
EYL      2.15  57 ePn    54 40.00  -0.4
DMK      2.42 359 ePn    54 43.60  -0.4
NAL      2.82  72 eP     54 57.00   7.1X
                  eS     55 38.00
OUR      3.08 289 ePn    54 53.56   0.1
PAIG     3.22 281 ePn    55 02.92   7.4X
SRS      3.65 299 ePn    55 02.32   0.8
MLR      6.24 348 eP     55 42.00   3.7X
     S.D. = 0.6  on  14 of  19 obs.
-----------------------------------------
   FEB  26, 1992  00h 00m 29.79± 0.53s
   39.429 N ± 4.7km   27.835 E ± 5.7km
```

```
   DEPTH =  10.0km  (geophysicist)
 TURKEY                                  (366)

DST      0.64  74 iPg    00 41.90  -0.7
                  iSg    00 51.40
KCT      0.91  26 iPg    00 47.40   0.1
EDC      0.92   1 ePg    00 47.00  -0.3
IZM      1.12 204 iPn    00 49.60  -1.3
EZN      1.23 289 iPn    00 52.90   0.2
IZI      1.55  54 iPn    00 57.30  -0.3
YLV      1.64  46 ePn    00 58.30  -0.5
KHL      1.72 129 ePn    01 00.00   0.0
CTT      1.78  15 ePn    01 01.00   0.3
CIN      1.84 174 eP     01 03.00   1.4
HRT      1.98  45 ePn    01 04.30   0.6
EYL      2.11  57 ePn    01 06.20   0.4
      S.D. = 0.8  on  12 of  12 obs.
-------------------------------------
   FEB  26, 1992  02h 05m 00.26± 0.79s
   35.136 N ± 6.5km   37.010 E ± 8.5km
   DEPTH =  10.0km  (geophysicist)
   3.2mb (  1 obs.)
 JORDAN - SYRIA REGION                   (374)
      ML 3.6 (CSS).

ADAT     2.34 326 ePn    05 38.70  -0.7
                  eSg    06 08.60
ATZ      2.72 213 eP     05 44.70  -0.2
                  eS     06 23.00
LFK      2.85 274 ePn    05 40.70  -6.0X
CSS      3.02 268 eP     05 47.40  -1.7
                  eS     06 21.90
JARJ     3.02 197 P+     05 48.50  -0.6
MDSJ     3.55 190 Pc     06 02.50   5.9X
MASJ     3.57 198 Pd     05 56.20  -0.6
YTIR     4.09 203 eP     06 05.20   0.9
PRNI     5.07 200 eP     06 18.00  -0.1
MSL      5.14  74 ePn    06 19.20   0.1
                  eP*    06 29.50
                  iPg    06 41.00
                  iSn    07 21.50
                  iS*    07 40.00
                  iLg    07 46.50
                  iSg    07 52.00
MBH      5.65 199 eP     06 27.20   0.9
ELL      5.98 288 eP     06 33.00   1.9
BHD      6.39 105 ePn    06 58.50  21.8X
                  eP*    07 13.00
                  eSn    08 16.00
                  eS*    08 39.00
                  eSg    08 55.00
CIN      7.61 291 eP     06 54.00   0.2
KER      8.35  92 eP     07 45.00  40.7X
GEC2    21.97 316 P      10 00.80   4.8X
       0.7s      0.70nm          3.2mb
      S.D. = 1.1  on  11 of  16 obs.
-------------------------------------
*  FEB  26, 1992  02h 47m 06.25± 0.69s
   22.843 S ± 9.3km   66.996 W ±11.9km
   DEPTH = 203.3 ±  9.9 km
   3.8mb (  1 obs.)
 JUJUY PROVINCE, ARGENTINA               (128)

YJA      1.54  64 iPd    47 40.80  -0.6
SLA      2.33 144 eP     47 50.00   1.0
ANT      3.26 254 iPc    47 59.50  -0.1
                  iS     48 38.30
LP8      6.36 350 P      48 40.30   0.9
       1.0s     80.00nm          4.9mb X
                  eS     49 57.00
ARE      7.63 326 eP     48 55.00  -1.0
                  eS     50 13.00
RFA     11.95 186 ePd    49 51.00  -0.5
KIC     67.40  72 P      57 41.00  -1.1
YKA     93.04 340 eP     59 58.50   1.3
       0.5s      0.40nm          3.8mb
      S.D. = 1.2  on   8 of   8 obs.
-------------------------------------
?  FEB  26, 1992  02h 53m 28.48± 1.52s
   29.821 S ±28.7km  176.960 W ±23.2km
   DEPTH =  10.0km  (geophysicist)
   4.5mb (  4 obs.)  4.3Msz (  1 obs.)
 KERMADEC ISLANDS REGION                 (177)

RAO      1.01 304 P      53 48.00   0.4
                  S      54 01.20
DZM     16.79 293 iPc    57 32.10   6.7X
STK     35.49 256 eP     00 29.50   2.2
       0.4s      1.70nm          4.3mb
ASPA    44.05 266 iPd    01 37.70  -0.7
       1.0s      8.40nm          4.5mb
     Z  20s      0.40um          4.3Msz
WB2     44.97 271 eP     01 44.40  -1.5
       0.7s      7.00nm          4.7mb
WRA     44.98 271 P      01 45.00  -0.9
       0.7s      3.90nm          4.4mb
MSL    145.95 292 ePKPd 13 09.50   0.2
                  ePPP   17 22.00
                  eSKKS  21 29.00
                  eSKKKS21 47.00
NB2    148.31 352 PKP   13 12.60   0.2
       1.2s     10.70nm
HFS    148.85 350 ePKP  13 17.60   4.4X
       0.4s      1.70nm
BCAO   150.80 213 iPKPd 13 25.00   7.4X
       1.0s     15.00nm
      S.D. = 1.5  on   7 of  10 obs.
-------------------------------------
%  FEB  26, 1992  03h 26m 12.07± 2.21s
   39.304 N ±20.3km   27.779 E ± 7.8km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                                  (366)

DST      0.72  65 iPg    26 26.20  -0.1
                  iSg    26 35.70
EDC      1.04   4 ePn    26 32.00   0.3
KCT      1.04  25 ePn    26 31.30  -0.5
EZN      1.24 295 ePn    26 35.00  -0.1
YLV      1.76  44 ePn    26 43.20   0.4
      S.D. = 0.5  on   5 of   5 obs.
-------------------------------------
   FEB  26, 1992  03h 45m 19.78± 0.18s
   11.803 N ± 3.8km   57.764 E ± 2.5km
   DEPTH =  10.0km  (geophysicist)
   5.8mb ( 92 obs.)  5.5Msz ( 37 obs.)
 ARABIAN SEA                             (417)
      Complex event observed on
      broodbond displocement
      seismogroms.
      FAULT PLANE SOLUTION: P-Waves
       NP1:Strike=110 Dip=90 Slip=-180
       NP2:        200     90        0
       Principal Axes:
        T                Plg= 0  Azm= 65
        P                     0      155
      Comment: The focol mechonism is
        moderotely well controlled and
        corresponds to strike-slip
        foulting. The preferred foult
        plone is not determined.
      RADIATED ENERGY
       No. of sto:   7  Focol mech.  C
       Energy        6.4±1.5*10**13 Nm
      MOMENT TENSOR SOLUTION
      Dep   8            No. of sto:  9
      Moment Tensor;   Scale 10**18 Nm
        Mrr= 0.06        Mtt=-0.81
        Mff= 0.75        Mrt=-0.24
        Mrf=-0.48        Mtf=-0.36
       Principal oxes:
        T  Vol=  1.02  Plg=25  Azm= 82
        N       -0.01      58      219
        P       -1.01      19      343
      Best Double Couple:Mo=1.0*10**18
       NP1:Strike=121 Dip=58 Slip= 176
       NP2:        214     86       32
      CENTROID, MOMENT TENSOR     (HRV)
      Doto Used: GDSN
      L.P.B.: 29S, 79C
      Centroid Location:
      Origin Time        03:45:22.5 0.2
      Lot 11.84N 0.03 Lon  57.56E 0.02
      Dep  15.0 FIX Half-durotion  3.5
      Moment Tensor;   Scale 10**17 Nm
        Mrr= 0.04 0.13  Mtt=-7.49 0.17
        Mff= 7.46 0.19  Mrt= 0.36 0.50
        Mrf=-2.93 0.54  Mtf=-4.77 0.14
       Principal Axes:
        T  Vol=  9.72  Plg=17  Azm= 74
        N       -0.81      73      243
        P       -8.91       3      343
      Best Double Couple:Mo=9.3*10**17
       NP1:Strike=117 Dip=76 Slip= 170
       NP2:        210     81       14
OBO     14.16 272 eP+    48 44.28   1.6
ATA     14.26 270 eP+    48 42.65  -1.3
MKL     14.31 271 eP+    48 46.48   1.9
TDD     14.55 272 eP+    48 49.07   1.4
ARO     14.61 270 eP+    48 47.94  -0.7
DAF     14.92 271 eP+    48 52.23  -0.4
KSU     15.01 270 eP+    48 53.43  -0.3
GBR     15.01 269 eP+    48 53.11  -0.7
POO     16.90  65 iPc    49 18.30   0.2
       1.5s    944.44nm          5.7mb
SHI     18.41 345 eP     49 36.00  -1.0
AAE     18.89 263 iP     49 44.00   0.9
                  S      53 24.00
KOD     19.40  93 iP     49 50.00   0.6
       1.1s    556.96nm          5.7mb
MAIO    24.44   3 iPd    50 43.00   3.1X
       1.5s    337.84nm          5.8mb
                  eS     55 08.00
KER     24.46 338 iPd    50 42.30   2.2
TEH     24.52 347 ePc    50 43.00   2.3
NAI     24.55 239 iPc    50 46.00   4.8X
                  Sg     51 22.00
                  Lg     51 30.00
BHD     24.64 332 iPc    50 43.00   1.3
                  iPP    51 25.50
                  ePcP   54 24.50
                  iS     55 07.50
                  eLQ    59 20.00
NDI     24.74  44 iPc    50 44.50   1.8
       1.0s     50.00nm          5.1mb
MBH     27.78 314 iPd    51 13.00   1.9
MSL     27.80 334 iPc    51 12.00   1.0
                  ipP    51 14.50   9kmX
                  i      51 41.00
                  iPP    52 13.00
                  iPP    52 25.00
                  iS     56 06.00
                  iSS    57 18.50
                  iLQ    00 45.00
                  iLR    02 12.00
TAB     28.08 341 eP     51 16.00   2.2
RMN     28.38 314 iPd    51 18.90   2.4
BGIO    28.81 317 eP     51 22.20   1.9
ATZ     29.38 319 iPd    51 27.80   2.4
GKN     29.86  53 P      51 31.00   1.0
DMN     30.06  54 P      51 33.00   1.2
KOT     30.09 311 eP     51 33.50   1.8
KKN     30.28  54 P      51 34.60   0.9
PKI     30.28  55 P      51 34.80   0.9
HLW     30.41 310 (P)    51 35.50   0.9
                  e      52 30.00
                  e      52 52.00
                  e      54 18.00
                  eS     56 37.00
                  e      57 02.00
                  e      57 32.00
GUN     30.81  55 P      51 39.40   0.9
KSH     31.93  27 P      51 50.00   2.0
     Z  16s     11.50um          5.7MszX
     N  14s      4.50um
                  PP     52 53.00
                  S      57 02.00
CSS     31.99 320 eP     51 50.20   1.7
KVT     34.85 331 eP     52 14.40   1.3
ELL     35.28 319 iP     52 19.00   2.0
BCK     35.29 321 iP     52 17.60   0.5
BBTK    35.62 326 iPd-   52 22.00   2.1
LSA     35.76  55 iPc    52 21.42  -0.2
                  ed     52 25.06
                  ed     52 25.80
                  ePP    53 38.37
                  eS     57 57.77
                  eSS    00 19.47
KAS     36.19 329 iPd    52 26.20   1.6
KHL     36.49 321 iP     52 28.00   0.8
SONG    36.79 223 eP     52 29.30  -0.6
EYL     37.57 325 iP     52 37.20   1.0
IZI     37.81 324 iP     52 39.30   1.1
DST     37.84 322 iP     52 39.70   1.3
IZM     37.95 320 iP     52 40.60   1.2
HRT     38.01 325 iP     52 40.20   0.3
YLV     38.02 324 iP     52 40.70   0.7
GBZT    38.12 324 iPd    52 42.00   1.3
ISK     38.52 324 iP     52 44.80   0.7
ITU     38.57 324 iPc    52 46.00   1.5
EDC     38.76 323 iP     52 47.00   0.9
CTT     38.94 324 iP     52 48.30   0.7
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26d 03h

PRK	39.07	320	eP	52 52.50	3.8X
EZN	39 38	321	iP	52 52.00	0.8
BCAO	39.48	263	iPc	52 53.00	0.5
	0 8s	217.00nm			5.9mb
			id	53 20.20	
KHT	39.81	81	eP	52 55.00	-0.1
VLI	39.93	314	eP	52 57.00	1.1
ATH	40.03	317	eP	52 58.50	1.8
			eS	59 00.00	
ALN	40.19	322	i(P)d	52 59.70	1.8
CHG	40.25	75	iPc	52 59.50	0.7
	1.5s	263.89nm			5.7mb
			eS	59 00.00	
CHTO	40.25	75	iPc	52 59.26	0.5
			ed	53 03.23	
			iPP	54 34.10	
PSN	40.74	327	iPd	53 04.00	1.5
JMB	40.84	324	iPd	53 05.00	1.7
NNT	41.00	84	iPc	53 05.80	0.9
KDZ	41.02	322	iPc	53 07.00	2.2
WMQ	41.02	33	ePc	53 06.96	2.1
	2.5s	260.00nm			5.5mb
	Z 18s	7.53um			5.6Msz
	N 13s	5.00um			
	E 13s	5.70um			
			ed	53 10.19	
			ePP	54 43.79	
			PcP	55 04.00	
			ScP	58 58.00	
			PcS	58 59.00	
			eS	59 20.39	
			sS	59 27.00	
			eSS	02 05.93	
			ScS	03 08.00	
PAIG	41.10	319	i(P)d	53 07.10	1.6
OUR	41.14	320	i(P)d	53 07.29	1.6
DIM	41.19	323	iPc	53 08.00	1.8
NST	41.29	80	eP	53 14.20	6.9X
RZN	41.46	322	iPd	53 11.00	2.3
AGG	41.51	317	i(P)d	53 09.08	0.2
PLD	41.72	322	iPd	53 12.00	1.5
SOH	41.81	320	i(P)d	53 12.44	1.1
SRS	41.82	320	i(P)d	53 12.62	1.2
THE	41.95	319	i(P)d	53 13.06	0.7
LIT	41.97	319	i(P)d	53 12.26	-0.3
MMB	42.01	321	iPd	53 14.00	1.1
PVL	42.03	324	iPd	53 15.00	2.0
VLS	42.27	315	eP	53 16.00	0.9
KNT	42.28	320	i(P)d	53 15.82	0.7
PGB	42.30	323	iPd	53 16.00	0.6
BUC	42.36	326	ePc	53 11.00	-4.7X
SNG	42.48	92	eP	53 18.40	1.3
			eS	59 38.00	
GRG	42.48	320	i(P)d	53 17.13	0.3
BRD	42.58	328	eP	53 09.00	-8.5X
VAY	42.58	320	iPd	53 18.00	0.5
	1.4s	328.00nm			5.9mb
ISR	42.59	327	eP	53 20.50	2.8X
BUL	42.79	222	iPc	53 18.80	-0.9
	1.0s	445.00nm			6.1mb
			i	54 54.00	
VTS	42.90	322	iPd	53 22.00	1.6
VRI	42.98	328	iPd	53 24.00	3.2X
FNA	43.05	319	i(P)d	53 21.66	0.2
IGT	43.10	317	i(P)d	53 22.30	0.4
MLR	43.14	327	iPd	53 26.00	3.7X
LSK	43.23	317	iPc	53 25.00	2.0
CVO	43.24	328	iPd	53 26.50	3.6X
MTUR	43.44	326	eP	53 28.00	3.3X
CMP	43.48	326	iPc	53 26.00	1.1
DRA	43.54	325	ePc	53 29.00	3.6X
KEK	43.55	316	iPc	53 27.00	1.5
OHR	43.59	319	iP	53 25.70	-0.2
	1.1s	98.00nm			5.5mb
SKO	43.64	320	iPd	53 26.30	0.1
	1.3s	278.00nm			5.9mb
	Z 12s	2.72um			5.4MszX
	N 12s	3.98um			
	E 12s	3.81um			
			i	54 57.50	
			i	55 16.00	
			LR	14 59.00	
TPE	43.69	317	iPd	53 27.00	0.3
PTT	43.87	329	eP	53 26.50	-1.5
VLO	44.12	317	iP	53 33.90	3.8X
PHP	44.12	319	iPc	53 29.20	-0.9
TNR	44.14	326	ePc	53 30.00	-0.2

TIR	44.32	319	eP	53 32.70	1.0
KKS	44.34	320	eP	53 32.00	0.1
MDB	44.40	327	iPc	53 34.00	1.7
KMI	44.46	66	iPc	53 33.72	0.3
	1.6s	60.00nm			5.2mb
	Z 22s	8.80um			5.6Msz
	N 15s	1.80um			
	E 15s	1.50um			
			ed	53 37.86	
			PcP	55 13.00	
			eS	00 09.76	
			iSS	03 30.72	
LACI	44.57	319	eP	53 32.60	-1.1
PUK	44.66	319	iP	53 33.90	-0.5
BCI	44.72	320	iP	53 33.80	-1.1
PVY	44.89	320	iPd	53 35.84	-0.7
SDA	44.89	319	iPc	53 37.00	0.7
ULC	45.03	319	iPc	53 36.58	-0.9
DEV	45.04	326	ePc	53 38.00	0.6
IVA	45.09	320	iPd	53 36.67	-1.3
LCI	45.09	316	Pd	53 37.80	-0.1
TTG	45.26	320	iPd	53 38.53	-0.7
SOI	45.44	313	Pd	53 42.20	1.5
BDV	45.46	319	iPd	53 39.87	-1.0
GRI	45.48	314	P	53 42.91	1.8
	1.4s	206.00nm			5.9mb
BZS	45.60	325	iP	53 42.50	0.6
PLE	45.64	321	iPd	53 41.90	-0.5
ROI	45.70	315	P	53 43.70	0.9
HCY	45.75	319	iPd	53 42.20	-1.0
BEO	45.81	323	iPc	53 43.80	0.2
			i	54 33.80	
BMR	45.84	328	ePc	53 45.00	1.3
BRT	45.85	317	Pd	53 44.50	0.5
PZI	45.87	311	P	53 45.30	1.1
	1.1s	220.70nm			6.1mb
MEU	45.88	311	Pd	53 45.80	1.4
TIM	45.89	324	iPd	53 46.00	1.8
TDS	45.90	315	Pd	53 46.00	1.6
ATN	45.90	312	P	53 45.60	1.2
BRY	45.95	320	iPd	53 44.22	-0.7
CSI	45.98	315	P	53 46.40	1.3
ORI	46.00	315	P	53 46.40	1.3
GTA	46.23	46	P	53 47.30	0.2
	1.2s	55.00nm			5.4mb
	Z 25s	7.62um			5.5MszX
	E 13s	2.17um			
			pP	53 57.00	32kmX
			PP	55 32.00	
			S	00 34.50	
			ScS	03 38.00	
OBN	46.28	343	ePd	53 47.81	0.7
MNO	46.37	312	Pd	53 50.00	1.6
CEI	46.39	327	eP	53 51.00	2.9X
CD2	46.49	58	iPd	53 48.60	-0.6
	0.8s	48.00nm			5.6mb
	Z 20s	4.63um			5.4Msz
	N 15s	5.02um			
			pP	53 59.00	35kmX
			PP	55 33.00	
			eS	00 38.00	
			ScS	03 42.00	
MGR	46.65	315	Pd	53 51.00	0.7
GIB	46.88	312	P	53 53.30	1.1
SGO	47.00	315	Pd	53 53.80	0.8
MCT	47.04	311	P	53 56.20	2.6
SLR	47.08	217	iPc	53 53.00	-1.0
	1.0s	265.00nm			6.3mb
	Z 20s	3.90um			5.4Msz
HVAR	47.43	319	eP	53 56.50	0.1
CVT	47.68	311	P	53 56.90	-1.5
USI	47.77	312	P	53 57.30	-1.8
UZD	47.89	324	iP	54 00.40	0.4
PSZ	47.91	326	iP	53 59.80	-0.4
LZH	47.99	52	iPc	54 01.11	0.0
	2.0s	280.00nm			6.0mb
			ed	54 04.09	
			ed	54 05.25	
			SP	54 13.50	
			PcP	55 32.50	
			PP	55 54.00	
			PcS	59 22.50	
			eS	00 58.73	
			eSS	03 37.65	
DUI	48.05	316	P	54 01.60	0.2
BUD	48.14	325	eP	54 01.00	-0.9
GYA	48.16	65	iPc	54 02.00	-0.5

	1.2s	170.00nm			6.0mb
	Z 24s	5.53um			5.5MszX
	N 18s	3.45um			
	E 18s	4.03um			
			PP	55 57.00	
			S	00 58.00	
PRY	48.45	217	iPd	54 04.50	-0.2
SPC	48.48	328	iPd	54 05.60	0.9
			e	56 00.00	
SDI	48.51	316	Pd	54 04.60	-0.3
SRO	48.72	325	iPd	54 06.20	-0.2
			i	56 00.70	
AZI	48.88	316	Pd	54 08.00	0.3
ZAG	49.01	322	iPd	54 09.30	0.7
			i	56 05.00	
AQU	49.06	317	P	54 09.20	0.1
KRA	49.16	329	iPd	54 09.00	-0.7
	1.3s	154.00nm			5.9mb
			i	54 12.70	
			e	54 29.50	
			eS	01 20.00	
RDP	49.28	316	P	54 11.30	0.5
VBY	49.30	321	iPd	54 11.10	0.2
			i	54 13.90	
			i	54 16.30	
			e(PcP)	55 28.50	
RMP	49.31	316	P	54 11.00	0.0
MNS	49.56	316	Pd	54 12.50	-0.5
ZST	49.61	325	iPd	54 12.20	-1.0
			i	54 31.40	
			i	56 07.80	
ARV	49.85	318	Pd	54 15.70	0.5
ASS	49.85	317	Pd	54 14.40	-0.9
CEY	49.92	321	iPd	54 15.50	-0.2
LJU	50.00	321	iPd	54 16.50	0.2
			ePP	56 16.50	
			eS	01 25.00	
			e	05 12.00	
RAC	50.08	328	iP-	54 17.00	0.2
	1.1s	0.40nm			3.3mb X
			i	54 18.00	
			e	56 14.00	
VKA	50.09	325	iPd	54 16.60	-0.3
	2.0s	657.00nm			6.3mb
			i	54 34.60	
			i	56 17.80	
TRI	50.32	321	iPd	54 18.00	-0.7
			eS	01 27.00	
			iSS	05 24.00	
VOY	50.39	321	iPd	54 18.60	-0.8
CRE	50.56	318	Pd	54 19.00	-1.7
QIZ	50.57	75	iPc	54 20.00	-1.0
	N 17s	1.84um			
	E 16s	2.89um			
			pP	54 30.00	33kmX
			PP	56 21.00	
			eS	01 38.00	
SFI	50.75	318	P	54 22.40	0.5
PGD	50.81	318	P	54 22.40	-0.3
BLF	50.83	216	iPc	54 21.00	-1.9
	1.0s	420.00nm			6.3mb
FIR	51.08	318	e(P)	54 22.00	-2.5X
			i(S)	01 38.00	
KBA	51.22	322	iPd	54 21.90	-3.9X
	1.2s	122.00nm			5.7mb
			i	56 26.80	
			i	56 35.50	
KMR	51.23	324	iP+	54 24.00	-1.6
			i	54 25.60	
			iPP	56 26.20	
VVI	51.28	321	Pd	54 25.70	-0.3
FVI	51.33	321	Pd	54 25.90	-0.4
XAN	51.45	56	P	54 26.50	-1.1
	0.6s	38.00nm			5.5mb
	N 16s	2.97um			
	E 14s	1.10um			
			pP	54 37.00	36kmX
			ScP	59 36.00	
KSP	51.52	328	iPd	54 27.20	-0.5
	1.4s	259.00nm			6.0mb
			iPP	56 25.70	
			eS	01 46.00	
PII	51.54	317	P	54 26.20	-1.8
MME	51.61	318	Pd	54 28.00	-0.9
BDI	51.63	318	Pd	54 26.90	-1.9
CTI	51.79	320	Pd	54 29.50	-0.5
BHG	51.81	323	iPd	54 28.90	-1.1

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        1.3s   262.00nm          6.0mb
FRS     51.81 216 iPc    54 29.20  -0.9
        0.7s   198.63nm          6.2mb
GEC2    51.88 324 P      54 30.70   0.1
PRU     51.99 326 iPd    54 30.50  -0.8
        1.5s   147.80nm          5.7mb
      Z  21s     2.30um          5.2Msz
                 e      54 43.00
                 eS     01 52.00
KHC     52.09 325 Pd     54 30.60  -1.5
        1.4s   128.50nm          5.7mb
      Z  20s     1.60um          5.1Msz
      N  20s     1.00um
      E  20s     1.50um
                 i      54 40.00
                 eS     01 54.00
PGF     52.13 315 P      54 32.25  -0.4
SAL     52.31 319 P      54 33.30  -0.5
WIN     52.48 229 iPc    54 36.50   0.9
        1.0s   395.00nm          6.3mb
      Z  20s     7.80um          5.7Msz
WET     52.49 324 iPd    54 33.70  -1.5
        1.3s    83.00nm          5.5mb
OGA     52.54 321 iPd    54 35.20  -0.6
        1.3s   178.00nm          5.8mb
SOTA    52.58 321 iPd    54 34.50  -1.5
        0.9s   109.00nm          5.8mb
                 i      54 53.80
                 i      56 33.50
BOB     52.67 318 Pd     54 36.20  -0.4
BRG     52.78 327 iPd    54 36.20  -1.0
        1.4s   170.00nm          5.8mb
      Z  22s     3.00um          5.3Msz
      N  22s     3.50um
      E  22s     1.50um
                 i      54 55.40
                 eS     06 08.00
MDI     52.90 319 Pd     54 37.40  -0.8
FUR     52.97 323 iPd    54 37.40  -1.3
        1.2s   487.00nm          6.3mb
OSS     53.00 320 ePd    54 38.80  -0.4
PCP     53.17 317 P      54 38.66  -1.7
FIN     53.27 317 P      54 40.09  -0.9
CKI     53.31 317 P      54 40.30  -0.9
VDL     53.34 320 ePd    54 40.60  -1.1
IMI     53.38 316 P      54 41.32  -0.5
ROB     53.53 317 P      54 42.35  -0.6
VAI     53.54 319 Pd     54 41.50  -1.3
TMA     53.57 319 ePd    54 42.00  -1.3
SAOF    53.63 316 P      54 43.43  -0.2
HOF     53.63 325 iPd    54 42.90  -0.7
        1.3s   342.00nm          6.2mb
REVF    53.67 316 P      54 43.91  -0.1
GRF     53.71 324 iPd    54 42.90  -1.2
        1.3s   316.00nm          6.2mb
      Z  20s     1.50um          5.0Msz
                 e      54 50.70
                 e      54 55.80
                 e      55 01.20
AUTN    53.72 316 P      54 44.32  -0.2
AURF    53.75 316 P      54 44.12  -0.5
ENR     53.81 317 P      54 43.88  -1.1
TOUF    53.85 316 P      54 45.23  -0.2
MVIF    53.87 316 P      54 45.12  -0.4
STV     53.88 317 P      54 44.60  -0.9
GZH     53.92  70 Pc     54 46.00   0.0
      Z  28s     3.86um          5.3MszX
      N  12s     1.31um
      E  15s     1.87um
                 S      02 20.00
ORO     53.95 318 Pd     54 43.70  -2.4X
ORX     53.96 318 P      54 43.17  -2.9X
BTO     53.97  48 P      54 46.00  -0.3
        1.4s    56.00nm          5.4mb
      N  17s     4.33um
      E  18s     6.64um
                 epP    54 54.00  26kmX
                 ePP    56 50.00
                 S      02 20.00
                 eSS    06 03.00
BRN     53.99 328 ePd    54 46.50   0.5
CALN    54.00 316 P      54 46.20  -0.3
DOI     54.02 317 P      54 44.90  -1.7
PKK     54.04 340 iP     54 45.70  -0.6
FRF     54.10 316 iPd    54 46.60  -0.4
        1.5s   250.70nm          6.0mb
LMR     54.12 315 iPd    54 46.80  -0.4
        1.4s   243.95nm          6.0mb
PZZ     54.12 317 P      54 45.12  -2.2
MMK     54.13 319 ePd    54 46.30  -1.2
BHB     54.13 317 P      54 44.91  -2.4
RSP     54.25 318 P      54 45.53  -2.8X
LRG     54.26 315 iPd    54 47.80  -0.4
        1.4s   174.25nm          5.9mb
      Z  21s     1.20um          4.9Msz
NUR     54.38 341 iP     54 48.00  -0.8
        1.1s     2.00nm          4.1mb X
                 e      02 26.00
                 e      06 18.00
                 e      08 56.00
ZLA     54.43 321 ePd    54 48.40  -1.1
LSD     54.43 318 P      54 49.11  -0.7
SLE     54.48 321 ePd    54 48.70  -1.1
RRL     54.48 317 P      54 49.63  -0.5
DIX     54.50 319 ePd    54 49.40  -0.9
BNI     54.60 317 P      54 51.20   0.3
BSD     54.64 331 iPd    54 49.60  -1.2
        1.3s    77.00nm          5.6mb
HKC     54.66  71 ePd    54 51.00  -0.5
                 eS     02 32.00
LPG     54.71 318 iPd    54 50.70  -1.2
        1.0s   125.00nm          5.9mb
LPL     54.73 318 iPd    54 50.70  -1.3
CDR     54.74 316 ePd    54 51.20  -0.6
EMS     54.80 319 ePd    54 51.00  -1.4
FEL     54.82 321 P      54 51.18  -1.3
POF     54.84 221 iPc    54 53.00   0.4
        1.2s   156.25nm          5.9mb
ABA     54.90 307 iP     54 54.50   1.4
IRK     54.96  33 ePc    54 52.00  -1.3
        2.0s   136.00nm          5.6mb
      Z  17s     3.03um          5.4MszX
      N  15s     1.49um
      E  17s     2.80um
                 e      55 04.00
                 e      58 10.00
                 eS     02 36.00
                 eSS    06 52.00
                 eSSS   08 19.00
                 LR     16 01.00
BBS     54.97 320 P      54 52.33  -1.1
TIY     55.05  52 Pc     54 53.20  -1.1
        1.0s   100.00nm          5.8mb
      Z  18s    10.40um          6.0Msz
      N  15s     3.53um
      E  18s     5.73um
                 S      02 35.50
KAF     55.10 343 iP     54 53.20  -1.0
HHC     55.17  48 Pc     54 55.10   0.0
        1.6s   190.00nm          5.9mb
      Z  20s    15.10um          6.1Msz
      N  16s     3.59um
      E  16s     4.45um
                 sP     55 06.00
                 PP     57 03.00
                 PcS    59 49.00
                 S      02 40.00
                 ScS    04 43.00
                 SS     06 19.00
LIBD    55.18 321 P      54 54.01  -0.9
STR     55.26 322 P      54 54.14  -1.3
LOMF    55.35 320 P      54 55.31  -1.0
MOF     55.35 321 P      54 54.94  -1.4
WHN     55.39  61 P      54 55.50  -1.2
        1.5s    75.00nm          5.5mb
      Z  18s     6.02um          5.7Msz
      N  12s     0.78um
      E  17s     3.06um
                 sP     55 07.00
                 eS     02 37.00
WLS     55.44 321 P      54 55.71  -1.2
ECH     55.48 321 P      54 56.14  -1.0
CDF     55.49 321 P      54 56.08  -1.2
BSF     55.56 321 P      54 56.18  -1.6
KEF     55.57 342 iP     54 56.60  -0.9
SUF     55.63 343 iP     54 56.80  -1.1
HAU     55.90 321 iPd    54 58.80  -1.3
        1.3s    90.25nm          5.6mb
      Z  17s     2.25um          5.3MszX
SSB     56.10 317 P      55 00.58  -1.0
COP     56.13 331 iPc    55 01.70   0.1
        0.9s    67.23nm          5.7mb
                 i      57 08.00
                 iS     02 43.00
VITF    56.20 321 P      55 00.94  -1.4
ETER    56.37 313 eP     55 02.87  -0.7
UPP     56.41 337 iP     55 02.40  -1.2
                 iS     02 52.00
BNS     56.60 324 iPd    55 04.50  -0.6
        1.5s   276.00nm          6.1mb
WLF     56.66 322 iPd    55 04.96  -0.6
MTHF    56.77 314 P      55 05.62  -0.9
SMF     57.01 318 iPd    55 06.80  -1.3
        1.3s   119.15nm          5.8mb
LBF     57.03 319 iPd    55 07.20  -1.1
TRGS    57.06 313 P      55 08.79   0.0
MEM     57.13 323 iPd    55 08.32  -0.5
LOR     57.20 319 iPd    55 08.40  -1.1
        1.2s   185.95nm          6.0mb
      Z  19s     2.00um          5.2Msz
SSF     57.36 319 iPd    55 09.40  -1.2
AVF     57.37 318 iPd    55 09.30  -1.3
        1.3s   122.75nm          5.8mb
CAF     57.66 316 iPd    55 11.80  -0.9
        1.6s    83.95nm          5.5mb
MAF     57.71 318 iPd    55 12.20  -0.8
        1.2s   101.15nm          5.7mb
EBR     57.72 311 eP     55 13.00  -0.1
DOU     57.76 322 iPd    55 12.60  -0.7
        1.0s   297.20nm          6.3mb
                 S      03 07.00
EROQ    57.78 311 iPc    55 13.52  -0.1
KKM     57.94  90 ePd    55 17.10   1.8
        1.4s   259.90nm          6.1mb
TCF     57.96 318 eP     55 13.80  -1.0
        1.2s    78.85nm          5.6mb
CER     57.97 218 iPd    55 14.50  -0.5
MUD     58.09 331 iPc    55 15.50   0.0
        1.0s    88.00nm          5.8mb
                 i      57 26.00
SNF     58.10 323 iPd    55 14.94  -0.7
HFS     58.13 336 eP     55 14.00  -1.7
        0.6s    11.40nm          5.1mb
      Z  17s     1.74um          5.2MszX
                 LR     21 11.00
RJF     58.14 316 iPd    55 15.20  -0.8
        1.5s   114.90nm          5.7mb
UCC     58.16 323 iP-    55 16.00  -0.1
LPO     58.19 316 iPd    55 15.60  -0.8
        1.3s    86.65nm          5.6mb
ENSF    58.30 313 P      55 17.27  -0.1
EPF     58.35 313 iPd    55 17.20  -0.4
        1.2s    38.70nm          5.3mb
BJI     58.40  50 ePc    55 17.03  -0.9
        1.5s   280.00nm          6.1mb
      N  21s    12.50um
      E  16s     4.10um
                 ed     55 20.67
                 ed     55 21.41
                 eS     03 20.00
                 eScS   05 07.00
                 eSS    07 14.00
LSF     58.40 317 iPd    55 16.90  -1.0
TIA     58.46  55 Pc     55 17.50  -1.0
        2.0s   330.00nm          6.1mb
      Z  22s     2.50um          5.3Msz
      N  16s     2.20um
      E  16s     1.50um
                 pP     55 28.00  35kmX
                 S      03 22.00
ECHE    58.55 309 iPc    55 19.90   0.8
LFF     58.56 316 iPd    55 18.40  -0.6
        1.3s   173.30nm          6.0mb
EALH    58.59 307 iPc    55 19.60   0.3
EGRA    58.62 312 iPd    55 15.34  -4.1X
BTH     58.76 313 Pc     55 19.00  -1.4
                 ipP    55 27.00  26kmX
                 i(PcP)56 07.40
                 i      56 13.50
                 (sPcP)56 36.00
                 e(PP) 57 35.00
                 eS     03 20.00
                 e(SS) 07 53.00
QZH     58.77  68 Pc     55 19.00  -1.7
      Z  50s     5.17um          5.3MszX
      N  18s     3.91um
                 pP     55 25.00  20kmX
                 sP     55 31.00
                 PP     57 32.00
                 S      03 22.00
                 sS     03 36.00
```

SS 07 18.00
ENIJ 59.06 306 iPc 55 22.75 0.1
SOD 59.22 347 iP 55 35.20 11.9X
1.2s 156.10nm
e 04 24.00
e 11 40.00
NJ2 59.38 60 Pc 55 24.00 -0.9
1.0s 49.00nm 5.6mb
N 15s 0.96um
E 19s 1.71um
pP 55 35.00 37kmX
KONO 59.55 334 eP 55 24.40 -1.2
EVIA 59.56 308 iPd 55 26.02 -0.2
ETOR 59.61 310 iPc 55 26.05 -0.4
MFF 59.61 317 iPd 55 25.20 -1.1
1.3s 93.85nm 5.8mb
NB2 59.65 336 P 55 24.80 -1.6
1.3s 169.30nm 6.0mb
EGUA 60.12 306 iPc 55 30.75 0.8
LDF 60.16 320 iPd 55 28.80 -1.2
1.2s 196.35nm 6.1mb
ECOG 60.18 306 iPd 55 29.96 -0.5
ECRI 60.30 312 iPd 55 30.39 -0.7
FLN 60.44 320 iPd 55 30.50 -1.4
1.4s 169.90nm 6.0mb
Z 21s 2.50um 5.3Msz
EBAN 60.48 307 eP 55 31.74 -0.7
GRR 60.57 319 iPd 55 31.40 -1.4
1.5s 104.45nm 5.7mb
LPF 60.59 319 iPd 55 31.60 -1.3
1.2s 190.40nm 6.1mb
BAG 60.90 78 ePc+ 55 34.00 -1.7
eS 03 54.00
KHKI 60.90 107 ePd 55 16.00 -19.5X
e 59 29.80
TOL 60.94 309 iPd 55 35.00 -0.5
1.3s 192.31nm 6.1mb
ePP 58 02.00
iS 03 53.00
eScS 05 52.00
IFR 61.02 302 iPd 55 37.50 1.1
i 55 40.50
KEV 61.09 348 iP 55 35.20 -0.8
1.2s 156.10nm 6.0mb
e 04 24.00
e 11 40.00
GUD 61.15 310 iPd 55 36.36 -0.7
SSE 61.30 61 Pc 55 36.50 -1.5
1.5s 92.00nm 5.7mb
Z 20s 5.50um 5.7Msz
N 16s 1.40um
pP 55 41.50 16kmX
sP 55 47.00
S 03 52.00
sS 04 04.00
TATO 61.40 68 eP 55 39.47 0.7
EPRU 61.46 306 iPc 55 38.21 -0.9
QCP 61.53 80 eP 55 35.00 -4.8X
EHOR 61.58 307 iPc 55 38.97 -0.9
EJIF 61.59 305 iPc 55 39.57 -0.4
KIC 61.86 271 Pc 55 42.10 0.0
S 05 33.00
TIC 62.08 271 Pc 55 43.70 0.1
LIC 62.16 271 Pc 55 44.20 0.0
Z 20s 1.25um 5.1Msz
DL2 62.38 52 eP 55 44.00 -1.2
1.0s 220.00nm 6.3mb
Z 22s 3.36um 5.5Msz
N 16s 3.19um
E 18s 5.34um
pP 55 49.00 16kmX
sP 55 54.00
PP 58 08.00
S 04 11.00
EPLA 62.51 309 iPc 55 46.01 -0.1
EVAL 62.73 306 iPd 55 46.85 -0.7
TRO 62.78 346 iPd 55 46.50 -0.8
AVE 62.92 301 iP 55 48.00 -0.8
i 56 07.20
ERUA 63.63 312 iPc 55 53.41 0.0
EMON 63.92 313 iPd 55 54.87 -0.5
EKA 63.98 326 Pc 55 54.40 -1.0
0.9s 23.90nm 5.4mb
SNY 64.23 49 Pc 55 55.50 -1.8
Z 21s 5.80um 5.7Msz
N 20s 3.83um
E 18s 4.00um

pP 56 07.00 39kmX
S 04 29.00
PTO 64.55 310 iPc 56 00.30 0.9
LIS 64.73 307 iPd 56 00.30 -0.3
STS 64.73 312 iPc 56 00.64 0.1
ETA 64.99 323 eP 56 01.40 -0.7
ECB 65.25 322 eP 56 03.20 -0.5
DLF 65.33 323 eP 56 03.80 -0.4
DMU 65.69 324 eP 56 05.70 -0.8
DCN 65.77 323 eP 56 07.00 0.0
CN2 65.83 47 Pc 56 07.00 -0.6
1.0s 140.00nm 6.1mb
Z 22s 6.54um 5.8Msz
N 18s 2.71um
E 18s 1.64um
epP 56 15.60 28kmX
S 04 52.00
eSS 09 12.00
MDJ 68.88 47 ePc 56 26.45 -0.4
Z 40s 2.99um 5.2MszX
N 16s 1.65um
E 20s 5.97um
id 56 30.42
PcP 56 48.50
eS 05 30.61
KUG 68.96 106 eP 56 35.00 7.2X
MRWA 69.39 127 eP 56 29.50 -0.7
KBS 70.65 352 iPc 56 38.00 0.9
YAK 71.20 28 iPc+ 56 40.30 -0.3
1.3s 316.00nm 6.3mb
Z 18s 2.50um 5.5Msz
iPcP 57 12.00
ipP 57 15.00 141kmX
ePP 59 18.00
eS 05 51.00
eSKS 06 07.00
eScS 06 30.00
ePS 06 34.00
eSS 10 27.00
eSSS 14 10.00
MBO 72.53 281 iPc 56 50.60 1.2
AKU 73.50 335 iP 56 53.70 -0.5
2.1s 613.33nm 6.3mb
MAT 75.44 55 (P) 57 05.00 -1.0
1.4s 83.72nm 5.6mb
Z 20s 3.90um 5.7Msz
eS 06 44.00
DAG 75.51 347 iPc 57 05.30 -0.3
0.8s 76.87nm 5.8mb
MAW 79.28 178 P 57 33.00 6.5X
WB2 81.68 112 eP 57 38.20 -2.1
0.6s 7.70nm 4.9mb
ASPA 82.30 116 iPc 57 42.80 -0.7
0.7s 20.50nm 5.4mb
Z 22s 1.80um 5.4Msz
e 57 49.80
eS 07 54.60
GUMO 84.52 77 e(P) 58 04.00 9.1X
Z 29s 1.56um 5.2MszX
PP 01 16.00
eS 08 19.00
PS 09 15.00
SS 13 47.00
OIS 86.60 112 iPd 58 05.00 -0.2
0.4s 4.00nm 5.0mb
i 58 17.00
NVL 88.05 194 (P)c 58 13.00 1.9
1.2s 170.00nm 6.2mb
Z 20s 1.70um 5.5Msz
e 58 23.00
e 58 29.50
e 58 39.00
e 59 11.00
STK 90.99 122 eP 58 26.00 0.3
0.7s 2.90nm 4.7mb X
SNA 91.48 197 iPc 58 28.90 1.7
0.8s 104.48nm 6.2mb
MBC 92.11 359 ePc 58 32.00 1.9
1.0s 31.00nm 5.6mb
SMY 95.90 33 P 58 50.00 2.0
Z 21s 2.71um 5.7Msz
RMQ 96.05 116 eP 58 50.00 0.9
1.0s 28.00nm 5.7mb
PMR 103.83 13 Pdiff 59 30.00 6.7X
Z 19s 1.07um 5.4Msz
YKA 105.70 356 ePdiff59 32.20 0.6
1.1s 1.30nm 4.8mb

YKA 105.70 356 ePKP 03 36.80 -7.8X
1.2s 2.10nm
SDN 105.81 22 Pdiff 59 40.00 7.8X
Z 20s 2.38um 5.7Msz
RSNY 109.21 326 PKP 04 00.00 8.1X
Z 21s 2.17um 5.7Msz
SIT 110.54 8 PKP 04 00.00 6.1X
Z 20s 1.84um 5.6Msz
MCWV 115.41 325 PKP 04 10.00 6.1X
Z 21s 1.29um 5.5Msz
SES 117.30 352 ePKP 04 09.00 1.8
NEW 120.03 356 PKP 04 13.00 0.6
LON 121.72 360 ePKP 04 16.19 0.5
RSSD 121.93 345 PKP 04 17.00 0.6
LRM 121.97 352 ePKP 04 12.60 -3.9X
FVM 122.20 331 ePKP 04 17.52 0.7
HPI 124.13 352 ePKP 04 20.95 0.1
BW06 124.46 349 PKP 04 21.70 0.3
SLA 124.95 248 ePKP 04 24.00 1.3
HVU 125.98 351 ePKP 04 25.64 1.3
GLD 126.33 344 PKP 04 30.00 4.9X
Z 20s 2.30um 5.8Msz
TUL 126.37 333 e(PKP)04 25.60 0.6
0.7s 4.00nm
GOL 126.41 344 ePKP 04 25.92 0.6
Z 21s 0.55um 5.2Msz
CFA 126.66 239 iPKPc 04 26.50 0.8
RTLL 126.90 240 ePKPd 04 24.50 -1.7
MDZ 126.96 238 e(PKP)04 28.00 1.7
DAU 127.06 349 ePKP 04 25.86 -0.8
LBFM 127.12 360 ePKP 04 15.86 -10.7X
RTCB 127.15 239 iPKPc 04 28.60 1.8
LPB 127.42 258 PKP 04 30.00 2.0
LR 48 16.00
DUG 127.53 351 ePKP 04 28.65 1.4
SRU 128.19 348 ePKP 04 29.21 0.6
MSU 129.07 350 ePKP 04 30.82 0.4
BONR 130.37 356 ePKP 04 33.88 0.9
CMB 130.40 358 (PKP) 04 34.20 1.5
ARE 130.67 258 ePKP 04 36.00 1.9
ANMO 131.16 343 PKP 04 35.79 1.4
ALQ 131.16 343 PKP 04 40.00 5.6X
Z 21s 1.01um 5.5Msz
HON 131.86 47 PKP 04 40.00 4.2X
Z 20s 2.55um 5.9Msz
HON 131.86 47 PKP 04 50.00 14.2X
Z 21s 0.72um 5.3Msz
CWC 131.86 355 ePKP 04 28.00 -7.7X
ISA 132.66 356 ePKP 04 42.00 4.9X
SBB 133.58 355 ePKP 04 40.00 1.2
TPC 133.97 353 ePKP 04 43.00 3.4X
PEC 134.30 354 (PKP) 04 29.36 -10.8X
PLM 134.81 354 ePKP 04 44.00 2.6X
BAR 135.45 353 ePKP 04 53.00 10.6X
NNA 135.62 265 ePKP 04 44.70 1.5
0.9s 16.81nm
Z 20s 0.53um 5.3Msz
S.D. = 1.1 on 387 of 431 obs.

• FEB 26, 1992 03h 47m 16.88± 1.40s
51.578 N ±22.7km 175.113 W ±11.2km
DEPTH = 33.0km (normal)
4.3mb (10 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)
ML 4.1 (PMR).

ADK 1.02 288 iPnd 47 35.78 0.9
SDN 9.50 61 (P) 49 36.29 2.0
PDB 14.33 47 eP 50 43.68 4.6X
SVW 14.36 41 eP 50 41.80 2.2X
1.0s 27.82nm 4.8mb
KDC 14.43 56 (P) 50 40.77 0.3
0.5s 17.29nm 4.9mb
TTA 15.29 35 ePc 50 53.67 2.0
0.7s 3.85nm 3.8mb
IMA 18.12 29 eP 51 25.72 -1.7
0.8s 7.30nm 3.9mb
KLU 18.74 47 eP 51 33.88 -1.1
FBA 19.40 36 eP 51 38.50 -4.1X
0.5s 6.84nm 4.2mb
MBC 32.57 22 eP 53 46.00 -0.6
YKA 33.41 47 eP 53 53.00 -1.1
0.4s 0.50nm 3.8mb
PNT 34.70 71 eP 54 06.00 0.7
0.4s 5.00nm 4.8mb
SES 39.19 66 eP 54 44.00 0.8
TNP 42.13 85 eP 55 10.03 2.4X

```
        0.7s      2.08nm          4.0mb
GOL     48.41  75 eP     55 58.46   0.6
        0.6s      2.05nm          4.3mb
FVM     58.36  68 eP     57 09.66  -1.3
        0.5s     11.03nm          5.2mb
ELC     59.53  67 eP     57 17.60  -1.5
      S.D. = 1.4  on  13 of  17 obs.
-----------------------------------------
?  FEB  26, 1992  04h 59m 09.82± 7.51s
    4.329 S ±76.2km  144.994 E ±16.3km
   DEPTH =  69.3 ± 21.8 km
   4.2mb (  1 obs.)
 NEAR N COAST OF NEW GUINEA, PNG.(200)

MDG      1.20 139 eP     59 31.00  -0.2
YYYY     2.13 153 eP     59 46.60   2.6X
MNDI     2.25 216 eP     59 46.00   0.3
LAT      3.05 139 eP     00 02.60   5.9X
PMG      5.48 157 eP     00 31.00   0.2
                  eS     01 30.00
WB2     18.67 213 eP     03 24.20  -0.9
        0.2s     17.30nm          4.9mb X
                 iPcP    04 48.30
ASPA    22.01 208 iPd    04 00.40   0.6
        0.5s      5.10nm          4.2mb
      S.D. = 1.1  on   5 of   7 obs.
-----------------------------------------
   FEB  26, 1992  05h 02m 04.98± 0.48s
   39.298 N ± 4.4km   28.185 E ± 5.7km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                            (366)

DST      0.46  48 iPg    02 14.20  -0.2
KCT      0.96   8 iPg    02 23.20   0.0
EDC      1.08 347 ePn    02 26.00   0.8
IZM      1.15 219 iPn    02 25.80  -0.8
KHL      1.43 133 iPn    02 30.60  -0.4
IZI      1.44  43 ePn    02 30.70  -0.4
EZN      1.53 291 ePn    02 32.10  -0.3
YLV      1.56  35 iPn    02 32.70  -0.2
CIN      1.70 183 eP     02 36.00   1.2
CTT      1.86   6 ePn    02 36.70  -0.4
HRT      1.90  36 ePn    02 38.30   0.5
EYL      1.98  49 ePn    02 39.00   0.1
      S.D. = 0.6  on  12 of  12 obs.
-----------------------------------------
   FEB  26, 1992  05h 31m 50.98± 0.27s
    7.072 N ± 4.9km  126.002 E ± 7.7km
   DEPTH =  28.4km  (  3 depth phases)
   5.0mb ( 28 obs.)  4.2Msz (  4 obs.)
 MINDANAO, PHILIPPINE ISLANDS      (259)

DAV      0.42 272 iPc+   32 01.20   1.1
BAG     10.69 331 eP     34 27.20   1.6
TRT     19.83 222 ePc    36 50.00  27.5X
MTN     20.43 166 eP     36 29.00   0.1
        0.4s     65.00nm          5.3mb
KNA     22.84 173 eP     36 53.80   0.7
IPM     24.97 266 ePd    37 14.10   0.3
        1.0s     63.00nm          5.2mb
WHN     25.78 336 eP     37 22.50   1.3
GYA     26.66 319 P      37 30.60   1.1
      Z  20s      0.63um          4.2Msz
WB2     28.08 163 eP     37 41.50  -0.9
        0.4s     33.70nm          5.4mb
KMI     28.58 312 Pd     37 48.50   1.4
        1.5s     70.00nm          5.2mb
CHTO    28.79 297 eP     37 48.60  -0.2
        0.9s      5.97nm          4.3mb
QIS     30.54 154 iPc    38 04.10  -0.3
XAN     31.13 332 P      38 09.00  -0.6
        1.0s     19.00nm          4.9mb
ASPA    31.51 166 iPc    38 12.40  -0.5
        0.4s     44.50nm          5.7mb
                  eS     43 19.40
TIY     32.90 340 eP     38 23.70  -1.3
      Z  16s      0.36um          4.2MszX
BJI     33.99 346 eP     38 34.00  -0.3
        1.0s     15.00nm          4.9mb
      Z  20s      0.36um          4.1Msz
SNY     34.68 357 eP     38 38.70  -1.5
LZH     35.29 328 eP     38 46.00   0.3
        1.6s     49.00nm          5.2mb
      Z  20s      0.54um          4.3Msz
                  pP     38 55.00  30km
                  sP     38 59.50
HHC     36.02 341 eP     38 52.20   0.4
        1.0s     15.00nm          4.9mb
BTO     36.31 339 eP     38 55.00   0.7
MRWA    37.34 195 eP     39 01.70  -1.2
MDJ     37.53   4 eP     39 03.70  -0.6
FORR    37.76 177 eP     39 05.60  -0.7
        0.3s     29.00nm          5.6mb
COOL    38.02 187 eP     39 07.00  -1.6
BAL     38.51 193 eP     39 11.00  -1.7
KLB     39.24 191 eP     39 17.70  -1.1
        0.3s     15.00nm          5.2mb
GTA     39.89 328 P      39 25.00   0.7
        1.0s     10.00nm          4.5mb
      Z  18s      0.58um          4.5Msz
                  pP     39 34.20  31km
                  sP     39 38.70
MUN     39.94 193 eP     39 24.50  -0.1
STK     41.50 160 iPc    39 38.50   1.2
        0.8s     21.90nm          4.9mb
                  eS     45 52.20
BRS     42.95 144 iPc    39 49.50   0.1
        1.0s     20.00nm          4.8mb
GUN     43.23 304 P      39 52.40   0.3
ADE     43.50 165 iPc    39 55.50   1.8
        0.3s    675.32nm          6.9mb X
PKI     43.50 303 P      39 54.00  -0.3
        0.8s     28.00nm          5.1mb
KKN     43.69 303 P      39 55.60   0.0
        0.9s     59.00nm          5.4mb
DMN     43.77 303 P      39 56.60   0.2
        0.9s     72.00nm          5.5mb
GKN     44.29 303 P      40 00.60   0.1
BWA     46.40 154 iPc    40 19.40   2.5
BFD     46.66 162 iPd    40 20.30   1.4
        0.8s     86.00nm          5.8mb
HYB     47.38 287 ePc    40 24.00  -0.9
CAN     47.41 154 eP     40 26.30   1.4
CNB     47.56 154 eP     40 27.00   0.8
TOO     48.00 159 iPc    40 27.40  -2.1
DZM     49.08 127 iPc    40 39.00   0.8
WMQ     49.60 324 P      40 44.30   2.4X
        1.0s      8.40nm          4.7mb
                  pP     40 51.50  24km
EWZ     64.66 145 P      42 29.80   1.4
THZ     64.78 143 P      42 29.80   0.5
KHZ     65.55 143 P      42 33.60  -0.6
FBA     82.03  25 eP     44 09.54  -0.1
        0.8s      6.51nm          4.7mb
KAF     88.32 332 iP     44 39.90  -1.1
        0.6s      4.50nm          5.0mb
MBC     88.87  13 eP     44 44.50   1.0
        1.0s      2.00nm          4.4mb
NUR     89.45 331 eP     44 46.80   0.4
        0.4s      2.40nm          4.8mb
DAG     93.88 352 iPd    45 05.90  -0.7
        1.0s     34.00nm          5.7mb
HFS     94.74 332 eP     45 10.00  -0.9
        0.4s      0.80nm          4.5mb
NB2     95.49 334 P      45 11.60  -2.8
        0.8s      2.50nm          4.7mb
YKA     96.77  24 eP     45 18.90  -1.2
        0.8s      2.00nm          4.7mb
GEC2    99.03 322 P      45 30.60  -0.1
CFA    152.20 153 e(PKP)51 45.70   6.5X
      S.D. = 1.1  on  54 of  57 obs.
-----------------------------------------
?  FEB  26, 1992  06h 27m 36.59± 5.89s
    36.931 S ±34.1km  176.865 E ±19.7km
    DEPTH = 260.1 ± 49.8 km
  OFF E. COAST OF N. ISLAND, N.Z. (160)

KUZ      0.94 281 P      28 12.80   0.2
HBZ      1.33 121 eP     28 14.60  -0.3
URZ      1.34 172 P      28 14.50  -0.5
                  eS     28 38.80
NOZ      1.92 151 eP     28 20.00   0.5
PGZ      3.71 187 P      28 38.50   0.6
MNG      3.84 196 P      28 39.60   0.2
                  S      29 23.30
KIW      4.21 201 P      28 43.90   0.1
MTW      4.35 194 P      28 45.20  -0.2
CAW      4.40 198 P      28 45.70  -0.3
AMW      4.46 191 P      28 46.80   0.2
WDW      4.57 198 P      28 47.50  -0.5
MRW      4.61 201 eP     28 48.40  -0.1
                  S      29 40.10
MOW      4.66 195 eP     28 48.90  -0.2
TCW      4.73 204 P      28 50.00   0.1
      S.D. = 0.4  on  14 of  14 obs.
-----------------------------------------
*  FEB  26, 1992  06h 55m 14.15± 1.60s
    6.319 S ±26.4km  103.570 E ±14.9km
   DEPTH =  33.0km  (normal)
 SOUTHWEST OF SUMATERA, INDONESIA(273)

PENI     1.76  65 iPd    55 42.50  -0.3
                  eS     56 28.70
KSI      2.84 340 eP     56 20.00  21.9X
                  e      58 48.00
KALI     3.17 104 iPd    56 03.20   0.3
PACI     3.33  95 iPd    56 06.50   1.2
SRDI    10.70 102 iPd    57 47.00  -1.3
GUN     38.08 334 P      02 32.20   0.1
KKN     38.24 333 P      02 33.00  -0.3
GKN     38.71 333 P      02 37.40   0.2
      S.D. = 0.9  on   7 of   8 obs.
-----------------------------------------
*  FEB  26, 1992  07h 18m 05.87± 1.49s
   34.253 S ±14.2km   73.414 W ±13.4km
   DEPTH =  10.0km  (geophysicist)
   4.7mb (  1 obs.)
 OFF COAST OF CENTRAL CHILE        (134)
      MD 4.4 (SAN).

LNV      1.69  80 iPc    18 35.50   0.0
LCCH     1.72  64 iPc    18 35.60  -0.4
                  iS     18 56.10
IHA      1.92  51 eP     18 39.00   0.1
                  iS     19 01.50
TACH     2.14  74 iPc    18 41.20  -1.0
                  iS     19 07.40
CHCH     2.31  83 iPc    18 44.50  -0.2
                  iS     19 11.00
CACH     2.34  87 iPc    18 46.00   0.9
                  iS     19 14.00
ROCH     2.38  58 ePc    18 45.20  -0.5
                  iS     19 13.50
PCH      2.49  76 iPc    18 47.00  -0.2
                  iS     19 16.50
PEL      2.53  65 iPc    18 48.00   0.3
                  iS     19 17.50
JACH     2.83  57 ePd    18 51.80  -0.3
                  iS     19 24.70
MDZ      4.05  72 e(P)   19 11.90   2.6X
RTCB     4.76  56 iPc    19 20.20   0.7
                  S      20 12.70
CFA      5.09  60 iPc    19 24.50   0.5
PPD     22.92  64 eP     23 11.50   0.4
LIC     75.94  72 P      29 54.60  -0.3
KIC     76.25  72 P      29 56.60   0.0
        0.8s     6.00nm          4.7mb
      S.D. = 0.5  on  15 of  16 obs.
-----------------------------------------
   FEB  26, 1992  07h 32m 11.09± 0.86s
   39.003 N ± 8.9km   25.663 E ± 5.1km
   DEPTH =   5.0km  (geophysicist)
 AEGEAN SEA                        (365)

EZN      0.97  32 iPg    32 29.30  -0.6
                  eSg    32 42.80
IZM      1.39 115 iPn    32 36.80  -0.4
PAIG     1.79 302 ePg    32 42.64  -0.2
                  eSg    33 00.00
OUR      1.86 316 ePg    32 39.20  -4.6X
ALN      1.91   9 ePb    32 48.40   3.8X
                  eSb    33 11.72
EDC      2.16  51 ePn    32 48.00  -0.3
DST      2.38  74 iPn    32 51.60   0.2
KCT      2.42  58 iPn    32 52.00   0.0
SOH      2.54 316 ePb    32 55.64   2.0X
AGG      2.60 271 ePn    33 00.40   5.9X
KDZ      2.65 356 eP     32 58.00   2.8X
RZN      2.78 345 iPd    33 01.00   3.8X
MMB      2.98 331 eP     33 04.00   4.1X
CTT      3.02  44 ePn    33 00.00  -0.4
KNT      3.02 316 ePn    33 00.88   0.4
PLD      3.18 347 ePd    33 17.00  14.3X
IZI      3.23  64 ePn    33 04.00   0.5
DMK      3.24  29 ePn    33 03.80   0.3
YLV      3.26  60 ePn    33 04.00   0.1
HRT      3.58  58 ePn    33 09.00   0.6
VTS      4.04 333 eP     33 20.00   4.9X
      S.D. = 0.4  on  12 of  21 obs.
-----------------------------------------
   FEB  26, 1992  07h 40m 57.41± 1.01s
```

26d 07h

33.087 S ± 7.2km 67.845 W ± 9.9km
DEPTH = 6.2 ± 3.6 km
MENDOZA PROVINCE, ARGENTINA (139)
MD 4.2 (SAN).

MDZ	0.87	283	iP	41 11.80	-2.7X
			i	41 27.40	
ZON	1.69	335	eP	41 28.00	0.3
			eS	41 50.00	
RFA	1.76	197	iPd	41 28.50	-0.1
RTLL	1.83	343	iPd	41 30.00	0.3
PCH	2.30	256	iPd	41 36.60	0.1
JACH	2.35	279	eP	41 36.50	-0.7
			iS	42 06.50	
PEL	2.38	268	eP	41 36.50	-1.2
CHCH	2.49	249	iPc	41 39.70	0.5
			iS	42 10.60	
CACH	2.52	245	iPc	41 40.60	1.0
			iS	42 11.50	
TACH	2.65	257	eP	41 42.00	0.6
			eS	42 15.00	
ROCH	2.66	272	iPd	41 42.50	0.7
LNV	3.10	253	eP	41 47.20	-0.6
LCCH	3.14	262	iPc	41 50.60	2.2X
TLL	3.85	318	eP	42 03.50	4.8X
			iS	42 51.00	
CYA	4.95	21	e(P)	42 14.00	-0.1
			S	43 32.00	
SLA	8.58	14	eP	43 09.50	4.3X

S.D. = 0.7 on 12 of 16 obs.

FEB 26, 1992 07h 52m 10.55± 0.49s
39.412 N ± 4.4km 27.805 E ± 4.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.67	73	iPg	52 23.10	-0.7
			iSg	52 32.80	
EDC	0.93	3	iPg	52 28.00	-0.4
KCT	0.94	27	iPg	52 28.60	0.2
IZM	1.10	203	iPg	52 31.30	0.1
			iSg	52 46.30	
EZN	1.22	290	iPn	52 32.80	-0.4
IZI	1.58	54	iPn	52 39.10	0.4
KHL	1.73	129	iPn	52 41.20	0.3
CTT	1.80	15	ePn	52 41.60	-0.2
ALT	1.83	101	ePn	52 42.00	-0.3
HRT	2.01	45	ePn	52 45.00	0.1
EYL	2.14	57	ePn	52 47.10	0.2
DMK	2.41	359	ePn	52 51.30	0.7
NAL	2.81	73	eP	53 05.50	9.0X

S.D. = 0.4 on 12 of 13 obs.

FEB 26, 1992 08h 17m 07.06± 1.26s
32.786 S ± 6.6km 71.697 W ±11.4km
DEPTH = 17.9 ± 7.7 km
NEAR COAST OF CENTRAL CHILE (135)
MD 3.9 (SAN).

IHA	0.24	169	iP	17 13.60	0.9
			iS	17 19.10	
ROCH	0.61	108	iPd	17 18.90	-0.1
			iS	17 27.80	
LCCH	0.70	171	iP	17 20.00	-0.3
PEL	0.92	113	iPd	17 24.00	-0.3
			iS	17 35.30	
JACH	0.94	84	iPd	17 23.30	-1.2
			iS	17 35.50	
TACH	1.07	144	iPd	17 26.50	-0.3
			iS	17 40.50	
LNV	1.19	168	iPd	17 27.70	-1.0
PCH	1.29	130	iPc	17 30.20	-0.1
CHCH	1.44	143	eP	17 32.00	-0.3
CACH	1.61	146	iPc	17 35.90	1.0
MDZ	2.40	93	e(P)	17 50.30	4.1X
TLL	2.72	17	eP	17 50.50	-0.5
			iS	18 25.50	
RTCB	2.78	63	iPd	17 54.50	2.9X
			S	18 33.20	
CFA	3.16	69	e(P)	17 58.50	1.5
RFA	3.34	127	ePd	18 00.30	0.7

S.D. = 0.9 on 13 of 15 obs.

& FEB 26, 1992 08h 20m 10.39s
36.047 N 117.891 W
DEPTH = 3.2km
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 2.5 (PAS), 2.2 (GS).

PANV	0.73	61	P	20 24.00	-1.0
MCA	0.78	39	P	20 24.50	-1.4
OSM	0.83	95	P	20 25.90	-1.1
FMT	1.08	56	P	20 30.20	-1.1
SGV	1.16	36	P	20 32.10	-0.7
LCH	1.20	9	P	20 32.40	-1.1
PPK	1.38	359	P	20 35.50	-1.1
YMT3	1.40	58	P	20 36.10	-0.8
MGM	1.43	13	P	20 36.60	-0.8
YMT5	1.44	53	P	20 36.70	-0.7
YMT6	1.45	56	P	20 36.70	-0.9
LSM	1.48	62	P	20 37.10	-0.9
TMBR	1.56	50	P	20 37.90	-1.4
SVP	1.67	2	P	20 40.80	-0.1
BONR	1.93	350	ePn	20 44.26	-0.5
			eS	21 13.08	
BCH	1.98	245	eP	20 45.42	0.1
			eS	21 11.81	
TNP	2.10	15	eP	20 47.59	0.5
			eS	21 19.86	
PEC	2.23	164	e(P)	20 52.52	3.7
			eS	21 20.46	

18 obs. associated

FEB 26, 1992 09h 08m 29.39± 0.39s
47.970 N ± 3.5km 7.502 E ± 3.0km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)
ML 2.3 (STR), 2.6 (LDG).

LIBD	0.19	20	Pg	08 33.93	0.3
MOF	0.28	245	Pg	08 35.25	0.0
ECH	0.34	317	Pg	08 36.25	-0.1
			Sg	08 40.68	
FEL	0.36	105	Pg	08 36.56	-0.2
WLS	0.45	347	Pg	08 38.53	-0.1
			Sg	08 44.53	
CDF	0.47	341	Pg	08 38.73	-0.2
			Sg	08 44.81	
BSF	0.50	254	Pg	08 39.00	-0.5
			Sg	08 45.40	
SLE	0.70	107	iPd	08 43.10	-0.1
LOMF	0.77	217	Pg	08 44.66	0.2
			Sg	08 56.54	
ZLA	0.77	129	iPd	08 44.70	0.2
HAU	0.78	273	Pg	08 44.40	-0.1
			Sg	08 54.40	
VITF	1.05	284	Pg	08 49.83	0.7
			Sg	09 03.42	
LOR	2.56	255	Pg	09 17.70	6.0X
			Sg	09 50.60	
LBF	2.59	249	Pg	09 18.10	6.1X
			Sg	09 51.10	
SMF	2.82	243	Pg	09 22.10	6.7X
			Sg	09 57.70	
SSF	2.86	253	Pg	09 23.00	7.2X
			Sg	09 59.20	
AVF	3.06	249	Pg	09 26.90	8.3X
			Sg	10 06.00	

S.D. = 0.3 on 12 of 17 obs.

FEB 26, 1992 09h 12m 59.89± 0.81s
39.638 S ± 6.2km 174.045 E ± 6.8km
DEPTH = 289.5 ± 8.5 km
NORTH ISLAND, NEW ZEALAND (159)

NRZ	0.31	344	P	13 37.40	0.5
BSZ	0.70	104	P	13 38.70	0.8
RUZ	1.12	63	P	13 39.90	-0.2
			eS	14 07.30	
DIW	1.17	185	P	13 40.30	0.0
CNZ	1.24	70	P	13 40.90	0.0
MOZ	1.28	28	Pd	13 40.50	-0.4
			S	14 08.90	
NGZ	1.29	70	P	13 41.20	0.0
KIW	1.39	152	P	13 41.40	-0.2
MNG	1.47	132	P	13 42.30	0.1
			S	14 10.60	
TCW	1.58	174	P	13 42.90	0.0
QRZ	1.66	224	P	13 43.30	-0.1
			S	14 12.30	
CAW	1.66	152	P	13 43.60	0.1
MRW	1.67	163	Pc	13 43.50	0.0
			S	14 13.30	
WDW	1.78	156	Pc	13 44.30	0.0
MTW	1.88	144	P	13 45.20	0.1
MOW	2.01	153	eP	13 46.20	0.1
BLW	2.04	148	eP	13 46.20	-0.2
AMW	2.12	142	eP	13 46.90	-0.1
THZ	2.29	202	P	13 48.70	0.1
			S	14 22.60	
DSZ	2.71	218	Pc	13 52.40	-0.1
URZ	2.76	61	P	13 52.40	-0.5
			S	14 28.70	
KHZ	2.80	188	P	13 53.10	-0.2
			eS	14 31.70	
NOZ	3.27	73	P	13 59.00	1.0
LTZ	3.42	203	P	13 59.30	-0.3
			eS	14 41.30	
HBZ	3.91	60	eP	14 04.30	-0.6
MOZ	4.20	194	eP	14 07.00	-1.2
			S	14 57.20	
EWZ	4.55	211	P	14 12.30	0.1
BWZ	5.79	211	P	14 26.40	-0.4
ODZ	5.96	204	P	14 29.50	0.5
			eS	15 37.20	
TUZ	7.10	206	eP	14 43.90	1.1
BCAO	138.54	219	iPKPd	32 25.60	32.4X
	0.7s		8.00nm		
			id	33 45.30	

S.D. = 0.5 on 30 of 31 obs.

? FEB 26, 1992 09h 33m 10.98± 2.71s
14.784 N ±25.0km 60.790 W ±24.9km
DEPTH = 33.0km (normal)
WINDWARD ISLANDS (95)

CRM	0.13	256	iPd	33 16.97	0.0
			S	33 24.40	
MVM	0.25	204	iPd	33 18.07	-0.1
			S	33 26.40	
FDF	0.35	262	iPd	33 19.42	-0.1
	0.1s		0.55nm		
			S	33 28.60	
BIM	0.38	226	iPd	33 19.96	0.1
			S	33 29.50	

S.D. = 0.1 on 4 of 4 obs.

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* FEB 26, 1992 10h 43m 18.14± 0.81s
6.638 N ±21.4km 72.796 W ±18.1km
DEPTH = 195.0 ± 15.6 km
4.1mb (1 obs.)
NORTHERN COLOMBIA (99)

BMG	0.51	327	iPc	44 30.00	43.7X
BOG	2.37	212	iPc	44 01.00	0.0
			iS	44 31.00	
SDV	3.09	44	iP	44 09.20	-0.1
			iS	46 46.80	
TOV	4.32	43	eP	44 24.60	0.2
			eS	45 14.10	
CEOS	5.02	61	iP	44 33.20	-0.2
OLLA	6.81	60	eP	44 56.70	-0.1
GUAN	7.80	65	eP	45 10.30	0.2
YKA	63.55	340	eP	53 29.60	0.0
	0.5s		1.70nm		4.1mb

S.D. = 0.2 on 7 of 8 obs.

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* FEB 26, 1992 10h 53m 00.74± 1.98s
35.904 N ±11.4km 0.319 W ±15.8km
DEPTH = 10.0km (geophysicist)
NORTHERN ALGERIA (396)
mbLg 4.0 (MDD).

ENIJ	1.86	306	iPn	53 33.00	0.1
			iSn	53 55.00	
ACU	2.60	358	ePn	53 43.80	0.2
			iSn	54 14.00	
EGUA	2.78	290	iPn	53 45.70	-0.4
			iSn	54 18.00	
EVIA	3.24	328	iPn	53 53.00	0.3
			iSn	54 29.50	
EBAN	3.58	310	ePn	53 57.50	0.1
			iSn	54 36.20	
ECHE	3.72	352	ePn	53 59.00	-0.5
			iSn	54 41.00	
EHOR	4.39	297	ePn	54 09.00	0.0
IFR	4.62	240	iPn	54 12.50	0.1
			iSn	55 27.50	
GUD	5.61	329	ePn	54 26.40	0.0

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

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*  FEB  26, 1992  11h 28m 05.36± 0.66s
   35.492 S ±14.7km   104.880 W ±13.1km
   DEPTH =  10.0km  (geophysicist)
   4.7mb (  5 obs.)  4.6Msz (  1 obs.)
 SOUTHERN PACIFIC OCEAN              (692)

RTCB   30.25  93 iPd   34 19.70   1.0
RTLL   30.56  93 ePc   34 20.00  -1.4
CFA    30.67  93 ePc   34 22.50   0.2
NNA    34.51  54 eP    34 54.70  -1.2
       1.0s    18.00nm          4.9mb
     Z  20s     1.06um          4.6Msz
ARE    35.26  66 eP    35 03.00   0.4
PPD    48.30  89 eP    36 48.80  -0.1
SPA    54.69 180 eP    37 37.80   1.1
       1.0s     9.00nm          4.8mb
PDCR   63.14  86 (P)   38 28.00  -7.9X
BAR    68.71 349 eP    39 19.00   7.9X
PLM    69.40 349 eP    39 23.00   7.4X
TPC    70.02 350 eP    39 29.00   9.8X
ANMO   70.09 359 eP    39 31.29  11.6X
MEO    70.16   6 iPc   39 26.20   6.3X
SBB    70.86 349 eP    39 30.00   5.7X
ISA    71.92 348 eP    39 32.00   1.4
CLC    71.93 349 eP    39 38.00   7.3X
CWC    72.61 349 eP    39 51.00  16.2X
ARUT   73.34 353 eP    39 39.73   0.6
MSU    73.94 354 eP    39 42.88   0.2
TNP    74.09 350 eP    39 41.60  -1.9
       0.8s     4.72nm          4.6mb
ARN    74.10 346 eP    39 44.23   0.9
FVM    74.32  12 eP    39 43.00  -1.6
SRU    74.41 355 eP    39 44.85  -0.4
CMB    74.56 347 eP    39 44.79  -1.2
DAU    75.76 355 eP    39 51.69  -1.5
BW06   78.01 356 eP    40 06.69   1.2
RSSD   79.24   1 eP    40 14.30   2.1
LRM    81.23 355 eP    40 25.40   2.6X
NEW    84.10 352 eP    40 35.80  -1.5
BFD    84.40 228 eP    40 37.00  -2.3
PNT    85.45 350 eP    40 46.00   2.0
       0.6s     3.00nm          4.7mb
SES    85.69 356 eP    40 46.00   0.8
YKA    97.96 355 eP    41 41.50  -0.5
       0.6s     0.30nm          4.1mb
KHC   133.73  53 ePKP  47 23.20  -0.4
GEC2  133.77  53 PKP   47 23.70  -0.1
       1.0s     1.07nm
OBN   147.13  41 iPKPd 47 49.50   2.2
       1.0s    52.00nm
                e      48 03.00
                i      48 28.00
CHG   153.18 238 ePKP  48 13.70  16.2X
     S.D. = 1.4  on  26 of  37 obs.
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%  FEB  26, 1992  11h 45m 27.85± 0.69s
   39.418 N ± 6.9km   27.776 E ± 6.5km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                              (366)

DST     0.69  74 iPg   45 40.90  -0.6
                iSg   45 50.90
BNT     0.94   7 ePg   45 45.50  -0.3
                iSg   45 59.50
KCT     0.94  28 iPg   45 46.00   0.2
IZM     1.09 202 iPn   45 48.50   0.1
EZN     1.19 290 ePn   45 50.00  -0.1
IZI     1.60  54 iPn   45 56.50   0.2
YLV     1.68  46 ePn   45 58.00   0.5
     S.D. = 0.4  on   7 of   7 obs.
-----------------------------------
?  FEB  26, 1992  11h 53m 00.99±10.72s
   35.855 N ±71.2km    0.397 W ±56.3km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ALGERIA                    (396)
      mbLg 4.0 (MDD).

ENIJ    1.84 308 iPn   53 32.60  -0.2
                eSn   53 52.50
EGUA    2.74 292 iPn   53 45.50  -0.3
                eSn   54 17.00
ECOG    2.92 300 iPn   53 48.80   0.4
                eSn   54 18.50
EVIA    3.25 329 ePn   53 52.90  -0.2
                eSn   54 27.50
ECHE    3.76 353 ePn   54 00.20  -0.1
                eSn   54 40.00
GUD     5.62 329 ePn   54 26.80   0.1
     S.D. = 0.3  on   6 of   6 obs.
-----------------------------------
*  FEB  26, 1992  12h 52m 51.11± 0.95s
   42.388 N ±11.6km   24.163 E ±18.7km
   DEPTH =  10.0km  (geophysicist)
 BULGARIA                            (359)
      MD 2.7 (THE).

SRS     1.34 199 ePb   53 17.46   1.7
                eSb   53 40.98
KNT     1.55 218 ePn   53 18.42  -0.3
VAY     1.60 229 ePn   53 19.60   0.2
SOH     1.68 201 ePn   53 20.10  -0.6
                eSn   53 48.38
GRG     1.95 223 ePn   53 24.30  -0.3
OUR     2.06 184 ePn   53 25.42  -0.7
VRI     3.94  27 ePd   53 53.00   0.1
     S.D. = 1.0  on   7 of   7 obs.
-----------------------------------
   FEB  26, 1992  13h 11m 03.86± 0.82s
   38.846 N ± 7.7km   20.440 E ± 7.4km
   DEPTH =  22.7 ±  7.4 km
 GREECE                              (364)
      MD 3.4 (ATH), 3.0 (THE). ML 3.1
      (TIR).

VLS     0.68 170 ePb   11 16.70  -0.2
                eSn   11 27.50
IGT     0.69 353 ePg   11 17.32   0.2
                eSg   11 27.32
LSK     1.31   5 ePn   11 28.00   1.1
                iSn   11 47.30
AGG     1.48  83 ePb   11 31.08   1.7
                eSb   11 50.00
TPE     1.49 347 ePn   11 31.70   2.4X
LIT     2.02  51 ePn   11 37.00  -0.2
                eSn   12 01.00
FNA     2.07  20 ePb   11 35.76  -2.1
OHR     2.28   7 ePn   11 41.30   0.5
LCI     2.43 309 P     11 44.50   1.6
                eSn   12 19.00
TIR     2.54 350 ePn   11 49.20   4.7X
GRG     2.59  35 ePn   11 44.16  -1.2
PAIG    2.73  66 ePn   11 47.16  -0.1
PHP     2.84   0 ePn   11 48.30  -0.4
VAY     2.96  33 ePn   11 52.30   1.8
SOH     2.99  48 ePn   11 49.64  -1.2
BRT     3.21 310 P     11 54.00  -0.1
                eSn   12 28.00
SKO     3.21  13 ePn   11 58.00   3.9X
PUK     3.22 353 ePn   11 51.70  -2.4X
TDS     3.29 286 P     11 54.00  -1.1
MGR     3.99 290 P     12 01.50  -3.6X
     S.D. = 1.3  on  15 of  20 obs.
-----------------------------------
*  FEB  26, 1992  13h 38m 08.85± 1.44s
   36.528 S ±10.5km  177.700 E ±14.9km
   DEPTH = 263.5 ±  9.6 km
   4.6mb (  1 obs.)
 OFF E. COAST OF N. ISLAND, N.Z. (160)

HBZ     1.17 156 P     38 44.90  -1.6
PUZ     1.61 164 Pc    38 48.90  -0.6
                S     39 18.60
KUZ     1.61 262 P     38 48.00  -1.5
URZ     1.79 195 P     38 50.60  -0.4
                S     39 22.10
TAZ     1.95 209 P     38 53.70   1.4
NOZ     2.10 173 P     38 54.00   0.4
WLZ     2.14 232 P     38 55.10   1.1
PATZ    2.18 211 eP    38 56.10   1.6
PAHZ    2.38 192 P     38 56.90   0.6
WHH     2.54 202 P     38 58.20   0.3
MOH     2.64 189 P     38 59.60   0.8
MAHZ    2.66 177 eP    38 59.90   0.9
WCZ     2.78 281 P     38 58.70  -1.5
NGZ     3.12 212 P     39 05.20   1.2
CNZ     3.17 212 eP    39 05.50   1.1
RUZ     3.20 215 P     39 05.90   1.2
WAHZ    3.34 198 P     39 06.70   0.4
PGZ     4.24 195 P     39 16.70   0.3
MNG     4.44 202 P     39 18.70  -0.2
                eS    40 13.50
KIW     4.85 206 eP    39 23.50  -0.2
MTW     4.93 200 P     39 24.20  -0.5
AMW     5.01 197 P     39 25.60   0.0
CAW     5.01 203 P     39 25.20  -0.5
WDW     5.18 203 P     39 26.90  -0.9
MOW     5.25 201 P     39 28.00  -0.6
MRW     5.25 206 eP    39 27.80  -0.7
                S     40 31.10
WEL     5.27 205 P     39 28.30  -0.5
TCW     5.39 209 P     39 29.40  -0.9
KHZ     6.70 207 P     39 46.00  -0.5
MQZ     8.15 207 eP    40 03.00  -1.6
                S     41 33.50
WB2    41.24 282 eP    45 31.40   1.5
       0.3s     9.10nm          4.6mb
     S.D. = 1.0  on  31 of  31 obs.
-----------------------------------
%  FEB  26, 1992  14h 36m 04.57± 1.22s
   41.103 N ±15.3km   28.461 E ±13.1km
   DEPTH =   5.0km  (geophysicist)
 TURKEY                              (366)

CTT     0.05 331 iPg   36 05.90  -0.2
ISK     0.45  95 iPg   36 13.90   0.2
DMK     0.89 324 iPg   36 22.30   0.2
                eSg   36 36.40
HRT     0.96 107 ePn   36 22.90  -0.4
                eSg   36 38.00
IZI     1.09 135 ePg   36 25.60   0.1
     S.D. = 0.4  on   5 of   5 obs.
-----------------------------------
%  FEB  26, 1992  14h 56m 29.53± 1.72s
   39.527 N ± 9.4km   27.832 E ±13.1km
   DEPTH =   5.0km  (geophysicist)
 TURKEY                              (366)

DST     0.62  82 ePg   56 41.30  -0.7
                iSg   56 51.30
EDC     0.82   2 ePn   56 45.00  -0.9
KCT     0.83  29 ePn   56 46.80   0.8
BNT     0.83   5 ePg   56 46.90   0.8
                eSg   56 58.40
IZI     1.50  57 iPn   56 57.90   0.7
YLV     1.57  48 iPn   56 57.80  -0.4
CTT     1.68  16 ePn   56 58.90  -0.8
KHL     1.78 132 iPn   57 01.50   0.2
HRT     1.91  47 ePn   57 03.40   0.3
EYL     2.06  59 ePn   57 05.40   0.0
     S.D. = 0.8  on  10 of  10 obs.
-----------------------------------
*  FEB  26, 1992  17h 09m 00.57± 1.29s
   53.709 N ±28.6km  165.818 W ±13.4km
   DEPTH =  33.0km  (normol)
   3.9mb (  2 obs.)
 FOX ISLANDS, ALEUTIAN ISLANDS    (  9)

SDN     3.51  60 eP    09 54.03   0.0
                eS    10 43.31
ADK     6.84 259 eP    10 41.29   0.2
                eS    12 06.14
PDB     8.82  42 eP    11 10.94   2.3
RSO     9.80  41 eP    11 23.99   1.6
TTA    10.57  25 (P)   11 43.05  10.2X
SLKM   10.86  45 eP    11 35.93  -0.7
KLU    13.17  46 ePc   12 05.39  -2.3
BALM   14.57  50 (P)   12 26.09   0.0
YKA    27.74  51 eP    14 48.00   0.5
       0.6s     0.70nm          3.5mb
SES    33.14  73 ePc   15 35.50  -0.1
BONR   35.92  96 eP    16 12.02  12.2X
PHAM   36.12 101 P     16 11.90  10.7X
TNP    36.47  95 P     16 15.94  11.6X
DAG    48.12  10 eP    17 38.00  -0.4
HFS    66.51   0 eP    19 46.50  -2.0
       0.4s     1.10nm          4.3mb
GUN    77.92 301 PKP   20 58.00   0.9
KKN    78.33 301 PKP   20 59.80   0.7
PKI    78.44 301 PKP   21 00.40   0.5
GKN    78.48 302 PKP   21 00.00   0.1
DMN    78.56 301 PKP   20 59.40  -1.1
     S.D. = 1.3  on  16 of  20 obs.
-----------------------------------
&  FEB  26, 1992  17h 52m 41.08s
   33.906 N          118.649 W
   DEPTH =  10.2km
 SOUTHERN CALIFORNIA                 ( 43)
      <PAS-P>. ML 2.6 (PAS), 2.5 (GS).

PVPS    0.24 120 ePc   52 45.92  -0.2
                S     52 49.45
```

26d 17n

```
DHB      0.25  63 eP     52 45.83  -0.5
                S      52 49.39
PVRC     0.28 123 eP     52 46.65  -0.3
GFP      0.36  52 ePd    52 47.64  -0.8
                S      52 52.78
CIW      0.45 170 iPd    52 49.54  -0.6
CIS      0.54 158 eP     52 51.31  -0.7
MWC      0.58  57 eP     52 51.78  -1.3
VPD      0.74  97 eP     52 54.72  -0.9
SSK      0.85  69 eP     52 56.80  -0.8
                iS     53 09.03
ABL      1.05 334 eP     52 59.97  -1.1
PEC      1.24  90 eP     53 02.38  -1.7
                eS     53 19.14
BCH      1.74 318 eP     53 10.65  -1.0
        12 obs. associated
-----------------------------------------
%  FEB  26, 1992  19h 15m 14.12± 0.95s
   41.388 N ±15.3km   14.661 E ±18.5km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN ITALY                     (390)

DUI      0.31 331 Pc     15 20.60  -0.1
                eSg    15 26.30
SDI      0.71 297 P      15 27.90  -0.3
                eSg    15 39.70
SGO      0.96 149 P      15 32.40   0.0
                eSg    15 47.30
AZI      1.10 304 P      15 35.00   0.3
MGR      1.42 151 P      15 40.00   0.0
      S.D. = 0.3  on   5 of   5 obs.
-----------------------------------------
   FEB  26, 1992  19h 18m 36.47± 0.50s
   39.441 N ± 4.1km   27.670 E ± 5.2km
   DEPTH =   5.0km  (geophysicist)
 TURKEY                             (366)

DST      0.76  77 iPg    18 50.60  -1.1
                iSg    19 03.10
EDC      0.92   9 iPg    18 54.00  -0.5
                eSg    19 07.00
BNT      0.93  12 iPg    18 54.20  -0.6
                iSg    19 07.70
KCT      0.96  33 iPg    18 55.10  -0.2
KGT      1.05 345 ePg    18 57.30   0.6
                eSg    19 11.00
IZM      1.09 197 iPg    18 57.40   0.0
                iSg    19 12.40
EZN      1.11 291 iPn    18 57.50  -0.2
IZI      1.65  57 iPn    19 05.70  -0.6
YLV      1.72  49 iPn    19 06.70  -0.7
KHL      1.83 127 iPn    19 09.60   0.7
CIN      1.87 170 eP     19 09.00  -0.3
GBZT     1.91  45 ePn    19 12.00   2.0
                iSg    19 39.00
ISK      1.94  33 ePn    19 11.00   0.6
HRT      2.06  47 iPn    19 12.20   0.0
EYL      2.22  59 ePn    19 15.00   0.5
DMK      2.38   2 ePn    19 16.50  -0.3
NAL      2.90  74 eP     19 31.50   7.2X
                eS     20 11.00
VAY      4.32 297 ePn    19 47.60   3.2X
                i      20 06.40
      S.D. = 0.8  on  16 of  18 obs.
-----------------------------------------
?  FEB  26, 1992  19h 25m 37.68± 4.51s
   51.787 N ±33.8km    6.886 E ±18.9km
   DEPTH =  10.0km  (geophysicist)
 GERMANY                            (543)
      ML 2.7 (LDG).

ENN      1.19 211 iPg    26 01.00   1.2
       0.4s     14.00nm
                eSg    26 15.50
MEM      1.30 205 iPd    26 02.34   0.6
                iS     26 18.29
ABH      1.95 167 ePn    26 11.81   0.6
SNF      2.08 233 iP     26 14.74   1.8
RUP      2.09 177 ePn    26 14.95   1.7
DOU      2.23 221 P      26 16.80   1.6
CDF      3.39 176 Pn     26 31.50  -0.3
                Pg     26 41.60
                Sg     27 23.60
HAU      3.80 185 Pn     26 38.80   1.2
                Sg     27 37.70
BSF      3.96 181 Pn     26 39.10  -0.8
                Pg     26 51.40
LOR      4.93 205 Pn     26 52.70  -0.9
                Sg     28 14 30
LBF      5.17 203 Pn     26 54.70  -2.2
                Sg     28 20.20
SSF      5.22 206 Pn     26 56.40  -1.2
                Sg     28 21.60
SMF      5.52 202 Pn     26 59.60  -2.3
                Sg     28 30.40
FLN      5.61 240 Pn     27 03.20   0.1
                Sn     28 03.80
GRR      6.03 239 Pn     27 09.00   0.0
                Sn     28 14 60
LPF      6.35 237 Pn     27 12.50  -1.0
                Sn     28 21.10
      S.D. = 1.4  on  16 of  16 obs.
-----------------------------------------
?  FEB  26, 1992  19h 34m 25.75± 3.91s
    6.636 S ±34.4km  149.852 E ±30.5km
   DEPTH =  33.0km  (normal)
   3.9mb (  1 obs.)
 NEW BRITAIN REGION, P.N.G.         (192)

LAT      2.83 269 iPd    35 09.00  -0.7
PMG      3.84 224 iPc    35 24.00   0.1
                eS     36 03.00
YYYY     3.88 276 eP     35 25.50   0.8
RMQ     19.77 183 eP     38 57.00   0.9
QLP     20.55 194 iPd    39 05.10   0.9
        0.6s   146.00nm          5.5mb X
STK     26.28 196 eP     39 58.10  -1.9
        0.9s     3.10nm          3.9mb
KIC    154.76 271 PKP    54 33.60  16.5X
      S.D. = 1.4  on   6 of   7 obs.
-----------------------------------------
&  FEB  26, 1992  19h 44m 22.54s
   36.048 N          117.893 W
   DEPTH =   2.6km
 CALIFORNIA-NEVADA BORDER REGION ( 40)
      <PAS-P>. ML 2.5 (PAS), 2.6 (GS).

PANV     0.73  61 P      44 37.20   0.0
MCA      0.78  39 P      44 37.70  -0.3
QSM      0.83  95 P      44 38.80  -0.4
FMT      1.08  56 P      44 43.30  -0.2
SGV      1.16  36 P      44 46.10   1.1
PPK      1.38 360 P      44 49.00   0.2
SDH      1.39  64 P      44 49.00   0.1
YMT3     1.40  58 P      44 49.00  -0.1
MGM      1.43  13 P      44 50.00   0.4
YMT5     1.44  53 P      44 49.90   0.2
LSM      1.48  62 P      44 50.40   0.2
TMBR     1.56  51 P      44 51.50   0.0
SVP      1.67   3 P      44 53.80   0.7
PKEM     1.80 271 e(P)   44 55.49   0.8
                eS     45 18.86
SSK      1.84 175 e(P)   44 56.46   0.9
                eS     45 20.79
BONR     1.93 350 ePn    44 57.09   0.2
                iPg    44 58.76
BCH      1.98 245 eP     44 57.73   0.2
                eS     45 22.16
PHAM     2.04 265 eP     44 58.59   0.3
TNP      2.10  15 e(Pn)  44 58.98  -0.3
                iPg    45 01.97
                e(S)   45 31.92
PEC      2.23 164 e(P)   45 02.70   1.6
                eS     45 31.72
CMB      2.81 316 e(P)   45 07.59  -1.8
                eS     45 48.34
PLM      2.82 162 e(P)   45 11.03   1.4
        22 obs. associated
-----------------------------------------
   FEB  26, 1992  21h 53m 53.75± 0.41s
   44.595 N ± 2.6km    6.869 E ± 4.4km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                             (538)
      ML 2.1 (LDG).

PZZ      0.19 118 P      53 58.24   0.2
                S      54 01.42
RRL      0.33 350 P      54 00.59  -0.1
                S      54 05.73
BHB      0.37  49 P      54 01.83   0.4
                S      54 07.47
STV      0.48 137 P      54 02.84  -0.7
                S      54 09.42
ENR      0.54 133 P      54 04.09  -0.6
                S      54 11.78
RSP      0.62  26 P      54 05.70  -0.6
                S      54 15.36
ROB      0.78 112 P      54 09.08   0.1
                S      54 20.08
LSD      0.89  13 P      54 10.96   0.0
                S      54 22.99
LPG      0.91 355 Pg     54 11.60   0.3
                Sg     54 24.00
LPL      0.93 354 Pg     54 11.50  -0.1
                Sg     54 24.60
IMI      1.00 133 P      54 13.45   0.6
                S      54 26.66
FIN      1.03 111 P      54 13.62   0.3
                S      54 27.71
FRF      1.05 189 Pg     54 12.90  -0.6
                Sg     54 25.90
LRG      1.20 198 Pg     54 16.30   0.2
                Sg     54 32.10
LMR      1.29 192 Pg     54 18.10   0.5
                Sg     54 34.00
      S.D. = 0.5  on  15 of  15 obs.
-----------------------------------------
   FEB  26, 1992  22h 21m 26.20± 1.18s
   38.115 S ± 6.3km  176.249 E ± 5.9km
   DEPTH = 201.3 ± 11.4 km
 NORTH ISLAND, NEW ZEALAND          (159)

WLZ      0.59 297 P      21 53.60  -0.3
URZ      0.69 102 Pd     21 53.00  -1.5
                S      22 09.50
WHH      0.79 166 P      21 54.30  -0.9
PAHZ     0.98 140 P      21 56.10  -0.1
NGZ      1.18 205 P      21 57.90   0.1
MOZ      1.20 251 P      21 57.90   0.1
CNZ      1.21 207 P      21 58.10   0.1
MOH      1.24 146 P      21 58.40   0.3
RUZ      1.24 215 Pc     21 58.40   0.3
KUZ      1.43 343 P      22 00.00   0.4
                S      22 22.30
NOZ      1.49 110 P      22 00.50   0.3
TTH      1.49 163 P      22 01.00   0.8
WAHZ     1.58 177 Pc     22 01.40   0.3
                S      22 24.20
HBZ      1.70  73 Pd     22 02.50   0.3
TEHZ     1.92 167 P      22 04.80   0.4
BSZ      1.97 211 P      22 05.70   0.9
PGZ      2.50 180 P      22 10.80   0.3
MNG      2.57 193 Pc     22 11.50   0.2
                S      22 41.60
KIW      2.93 200 P      22 15.40  -0.1
MTW      3.09 190 Pc     22 17.20  -0.2
CAW      3.13 197 P      22 17.80   0.0
AMW      3.21 187 P      22 18.80   0.0
DIW      3.23 213 P      22 19.20   0.1
WDW      3.30 197 P      22 19.50  -0.3
BLW      3.30 190 eP     22 19.60  -0.4
MRW      3.33 200 P      22 20.20  -0.1
                S      22 58.70
WEL      3.37 199 P      22 20.80   0.1
MOW      3.39 193 P      22 20.60  -0.4
TCW      3.45 206 P      22 21.40  -0.3
KHZ      4.77 205 P      22 38.00  -0.3
GKN    107.86 292 PKP    39 15.20 -16.1X
      S.D. = 0.5  on  30 of  31 obs.
-----------------------------------------
?  FEB  26, 1992  23h 33m 38.12± 1.04s
   16.655 S ±32.7km  179.997 W ±25.7km
   DEPTH =  33.0km  (normal)
   4.6mb (  2 obs.)
 FIJI ISLANDS REGION                (181)
      Felt at Labaska and on Kia.

MBU      1.27 255 iP     34 00.20   0.5
BWA     33.35 232 eP     40 14.80  -0.7
                e      40 18.70
CMS     34.35 238 eP     40 23.80  -0.3
                i      40 28.40
STK     37.93 239 eP     40 55.60   1.2
        1.1s     5.60nm          4.3mb
ASPA    43.69 253 iPc    41 38.20  -3.8X
        0.8s    13.20nm          4.8mb
TTA     81.52  11 eP     45 53.12  -0.3
FBA     84.93  13 eP     46 12.14   1.4
CHG     87.14 290 eP     46 20.80  -1.8
SES     89.92  37 eP     46 35.00  -0.2
KHC    145.77 344 ePKP   53 16.00   1.0
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GEC2  146.00 344 PKP   53 14.60  -0.8
       1.7s      0.44nm
OHR   149.74 328 ePKP  53 07.50 -14.0X
     S.D. = 1.2  on  10 of  12 obs.
-----------------------------------
%  FEB  27, 1992  00h 22m 51.51± 0.86s
   41.353 N ±14.3km   14.620 E ±17.7km
   DEPTH =  10.0km  (geophysicist)
 SOUTHERN ITALY                   (390)

DUI      0.33 339 Pc     22 57.90  -0.5
                  eSg    23 03.60
SDI      0.70 301 P      23 04.50  -0.9
                  eSg    23 16.30
SGO      0.95 146 Pd     23 09.70   0.1
                  eSg    23 24.90
AZI      1.09 306 P      23 13.20   1.2
                  eSn    23 30.00
AQU      1.35 318 P      23 17.50   1.1
MGR      1.41 149 P      23 17.10  -0.1
MNS      1.78 306 P      23 21.50  -1.0
     S.D. = 1.1  on   7 of   7 obs.
-----------------------------------
&  FEB  27, 1992  04h 14m 25.82s
   59.295 N          154.577 W
   DEPTH = 155.9km
   3.4mb (  1 obs.)
 SOUTHERN ALASKA                  (  2)
      <AEIC>.

MCNL     0.17 132 iPc    14 46.00   0.5
                  S      15 01.78
PDB      0.53  21 iPd    14 47.29  -0.9
                  eS     15 03.99
AUI      0.59  86 eP     14 47.70  -0.8
                  S      15 04.85
AUP      0.60  83 eP     14 48.11  -0.6
CDD      0.61 127 eP     14 48.26  -0.4
AUE      0.62  84 eP     14 48.89   0.2
INW      1.07  43 eP     14 51.08  -1.0
INE      1.09  44 eP     14 51.10  -1.3
SYI      1.33 120 ePc    14 53.47  -0.9
                  S      15 13.79
RED      1.45  38 iPd    14 54.53  -1.2
                  eS     15 17.07
RS1      1.49  37 iPd    14 55.05  -1.2
                  eS     15 18.40
RDW      1.49  36 ePd    14 54.97  -1.3
RS2      1.49  37 iPd    14 54.95  -1.3
                  eS     15 18.05
RSO      1.49  37 iPd    14 55.07  -1.2
                  eS     15 18.33
REF      1.53  37 ePd    14 55.11  -1.5
DFR      1.61  35 ePd    14 56.16  -1.3
RDT      1.69  39 iPd    14 56.85  -1.4
CNPM     1.72  81 eP     14 57.79  -0.8
                  eS     15 22.38
NNL      1.83  64 eP     14 59.32  -0.4
SVW      1.89 344 iPd    14 59.65  -0.8
KDC      1.90 144 eP     14 58.77  -1.7
BRLK     1.94  74 eP     14 59.79  -1.2
                  eS     15 24.84
BKG      2.12  32 ePd    15 01.98  -1.2
CKL      2.21  29 iPd    15 03.14  -1.1
BGL      2.26  28 iPd    15 03.98  -0.8
SPU      2.27  33 iPd    15 03.53  -1.4
CKN      2.27  31 eP     15 04.11  -0.9
CRP      2.32  30 ePd    15 04.58  -1.0
CGLM     2.39  31 eP     15 04.88  -1.5
NCG      2.43  29 ePd    15 06.07  -0.9
SLKM     2.51  59 eP     15 05.89  -1.9
SEW      2.72  70 eP     15 08.37  -2.0
SUA      2.89  40 ePd    15 11.18  -1.5
SKT      3.08  28 ePc    15 13.87  -1.1
PMS      3.17  50 ePc    15 14.22  -2.0
PWA      3.32  43 eP     15 15.73  -2.2
PLRM     3.55  47 eP     15 17.58  -3.4
KNK      3.71  52 eP     15 19.94  -3.2
GHO      3.74  46 ePd    15 20.71  -2.8
CUT      3.76  32 eP     15 21.57  -2.2
SML      3.98  48 eP     15 23.33  -3.4
YKA     19.48  63 eP     18 39.10  -3.3
       0.4s     0.70nm          3.4mb
       42 obs. associated
-----------------------------------
%  FEB  27, 1992  07h 31m 31.55± 0.67s
   40.365 N ±19.9km   28.842 E ± 5.0km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                           (366)

KCT      0.39 253 iPg    31 39.30  -0.2
                  eSg    31 46.30
YLV      0.45  63 iPg    31 40.70  -0.1
IZI      0.48  93 iPg    31 41.70   0.3
                  iSg    31 48.20
EDC      0.75 269 ePg    31 46.00  -0.2
EYL      1.02  78 ePn    31 50.70  -0.3
KGT      1.18 275 ePn    31 54.00   0.5
     S.D. = 0.4  on   6 of   6 obs.
-----------------------------------
?  FEB  27, 1992  07h 40m 22.75±10.80s
   40.949 N ±35.1km   24.487 E ±75.9km
   DEPTH =  10.0km  (geophysicist)
 AEGEAN SEA                       (365)
      MD 2.5 (THE).

SRS      0.70 284 ePg    40 35.92  -0.6
                  eSg    40 45.80
OUR      0.72 212 ePg    40 37.09   0.1
SOH      0.87 262 ePg    40 39.32  -0.2
PAIG     1.19 211 ePg    40 44.88  -0.1
KNT      1.22 281 ePg    40 46.24   0.8
                  eSg    41 01.80
     S.D. = 0.7  on   5 of   5 obs.
-----------------------------------
?  FEB  27, 1992  07h 41m 36.51± 1.18s
   24.259 S ±10.0km   67.528 W ±16.1km
   DEPTH = 153.4 ± 22.5 km
 CHILE-ARGENTINA BORDER REGION    (127)

SLA      1.91 105 iP     42 12.00   0.6
                  S      42 37.00
ANT      2.70 281 iPc    42 26.70   6.0X
                  iS     43 02.00
YJA      2.79  42 iPd    42 21.50  -0.9
RTLL     7.09 187 eP     43 18.70  -0.3
LPB      7.71 356 P      43 28.00   0.5
ARE      8.60 334 eP     43 15.00 -24.3X
                  eS     45 12.00
PPD     15.08  85 (P)    45 03.00   0.0
     S.D. = 1.2  on   5 of   7 obs.
-----------------------------------
*  FEB  27, 1992  08h 10m 49.01± 0.96s
   38.353 N ± 6.9km   20.603 E ±13.4km
   DEPTH =  10.0km  (geophysicist)
 GREECE                           (364)
      MD 3.2 (THE), 3.1 (ATH).

VLS      0.18 183 iPgc   10 52.90  -0.1
IGT      1.20 350 ePg    11 11.84   0.5
                  eSg    11 30.36
AGG      1.51  63 ePb    11 20.28   4.2X
                  eSb    11 42.36
LIT      2.28  39 ePn    11 28.20   0.9
FNA      2.50  14 ePn    11 29.28  -1.1
OHR      2.76   3 ePn    11 35.00   0.9
PAIG     2.86  56 ePn    11 36.72   1.2
GRG      2.95  28 ePn    11 35.64  -1.1
OUR      3.28  52 ePn    11 41.08  -0.4
KNT      3.32  32 ePn    11 41.16  -0.8
VAY      3.33  26 ePn    11 46.70   4.6X
SKO      3.67  10 ePn    11 56.00   9.0X
                  iSg    12 30.00
     S.D. = 1.1  on   9 of  12 obs.
-----------------------------------
   FEB  27, 1992  08h 30m 44.47± 0.50s
   33.252 S ± 7.1km   70.600 W ± 8.1km
   DEPTH =  70.0km  (geophysicist)
 CHILE-ARGENTINA BORDER REGION    (127)

PEL      0.13 326 iPc    30 55.40   0.2
                  iS     31 07.30
SAN      0.21 194 ePc    30 55.60   0.3
                  iS     31 08.10
PCH      0.38 169 iPc    30 56.50   0.0
                  iS     31 09.00
ROCH     0.44 309 iPc    30 57.60   0.4
                  iS     31 11.10
TACH     0.49 215 iPc    30 57.90   0.5
                  iS     31 11.60
JACH     0.57   1 iPd    30 57.00  -1.3
                  iS     31 09.90
CHCH     0.68 184 iP     30 59.00  -0.4
                  iS     31 13.50
LCCH     0.84 254 iP     31 01.70   0.5
CACH     0.86 180 iPc    31 01.00  -0.7
                  iS     31 17.60
LNV      0.98 224 iPc    31 02.60  -0.3
                  iS     31 20.00
MDZ      1.51  76 eP     31 10.80   0.7
     S.D. = 0.7  on  11 of  11 obs.
-----------------------------------
?  FEB  27, 1992  08h 41m 56.77± 1.82s
   40.166 N ±12.2km   23.320 E ±14.9km
   DEPTH =  10.0km  (geophysicist)
 GREECE                           (364)

PAIG     0.37 131 ePg    42 04.16  -0.1
                  eSg    42 10.76
OUR      0.53  71 ePg    42 07.84   0.3
SOH      0.66   2 ePg    42 09.16  -0.7
KNT      1.05 342 ePg    42 17.04   0.5
                  eSg    42 32.48
     S.D. = 0.9  on   4 of   4 obs.
-----------------------------------
   FEB  27, 1992  08h 55m 59.75± 0.60s
   5.829 S ± 3.9km  147.173 E ± 6.0km
   DEPTH =  91.1 ±  5.8 km
   4.8mb ( 17 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

LAT      0.84 192 iPc    56 17.50  -0.5
YYYY     1.27 251 eP     56 24.80   1.6
MDG      1.50 292 eP     56 27.00   1.1
                  eS     56 49.40
MNDI     3.51 265 eP     56 57.00   3.6X
PMG      3.56 180 iPd    56 52.20  -1.6
       0.8s    358.21nm
                  eS     57 34.00
RAB      5.24  72 eP     57 16.00  -1.2
MTN     17.29 245 eP     59 55.00  -1.9
GUA     19.37 353 eP     00 21.80   0.7
       0.8s     77.61nm          5.1mb
GUMO    19.43 353 eP     00 22.30   0.7
       1.3s    569.30nm          5.7mb
PJG     19.43 353 eP     00 22.30   0.7
KNA     20.57 240 eP     00 36.00   2.5
RMO     20.60 176 iPd    00 36.50   2.8X
       0.5s     24.00nm          4.8mb
                  e      00 49.00
QLP     20.83 187 eP     00 36.00   0.0
                  i      00 53.00
ASPA    21.86 214 eP     00 46.20  -0.1
       0.6s     39.50nm          4.9mb
     Z  23s      0.20um          3.5MszX
                  iS     04 39.50
BRS     22.10 167 iPd    00 50.60   1.9
       0.5s      7.00nm          4.3mb
DZM     24.65 133 iPc    01 13.10  -0.5
ARMA    24.82 171 iPd    01 15.90   0.8
       0.5s     16.00nm          4.7mb
CMS     25.56 183 eP     01 22.00   0.2
                  i      01 26.00
BWA     28.48 178 eP     01 48.50   0.1
CAN     29.40 177 eP     01 56.50  -0.1
                  e      02 17.00
MBL     30.56 237 eP     02 06.00  -1.0
       0.4s      8.00nm          4.8mb
FORR    30.67 213 iPd    02 07.10  -0.7
BFD     31.49 187 eP     02 15.00   0.1
       0.7s     17.00nm          4.9mb
COOL    34.90 221 iPc    02 44.00  -0.6
KLB     37.61 223 eP     03 06.60  -0.8
BAL     37.77 226 eP     03 08.00  -0.8
MUN     38.91 224 eP     03 18.00  -0.2
QZH     41.34 319 eP     03 37.50  -0.8
IIDJ    42.00 349 eP     03 43.40  -0.2
CHJJ    42.36 350 P      03 46.70   0.2
MAT     42.98 349 eP     03 50.00  -1.5
       1.1s     43.04nm          5.2mb
MTMJ    43.09 349 eP     03 53.00   0.4
NIIJ    43.52 351 eP     03 56.30   0.4
SSE     44.33 327 Pc     04 02.00  -0.5
     Z  12s      0.50um          4.7MszX
     N  12s      0.30um
NJ2     46.33 326 Pc     04 18.00  -0.4
WHN     47.91 321 eP     04 30.50  -0.3
KUSJ    48.75 358 eP     04 37.20   0.2
ASAJ    49.88 356 eP     04 46.40   0.7
CHG     53.46 298 eP     05 14.00   1.0
CHTO    53.46 298 eP     05 14.00   1.0
```

1.0s 3.00nm 4.3mb
e 05 32.00
XAN 53.66 320 P 05 12.50 -1.8
0.9s 6.00nm 4.6mb
CD2 55.28 314 eP 05 24.60 -1.6
HHC 56.78 328 eP 05 35.00 -1.8
0.8s 9.60nm 4.9mb
LZH 58.19 319 eP 05 47.00 0.1
1.2s 16.00nm 5.0mb
GTA 62.72 320 P 06 16.40 -1.2
1.0s 9.00nm 4.7mb
WMQ 72.77 319 eP 07 22.00 1.8
SVW 80.01 24 eP 08 01.00 0.6
PMR 82.98 26 eP 08 16.50 0.8
IMA 83.34 21 eP 08 18.10 0.4
0.9s 4.60nm 4.4mb
RND 83.89 24 eP 08 19.45 -1.1
SPA 84.21 180 iPc 08 24.10 1.9
0.7s 23.83nm 5.3mb
TOA 84.47 26 eP 08 23.90 0.5
FBA 84.96 23 eP 08 25.20 -0.5
GMW 94.28 43 e(P) 09 10.96 0.9
PNT 96.47 41 eP 09 20.00 -0.1
YKA 98.94 28 eP 09 30.20 -0.6
0.9s 1.30nm 4.5mb
GEC2 121.86 326 PKP 14 42.20 -2.8X
0.6s 0.87nm
LPB 138.64 123 PKP 15 13.00 -5.3X
PPD 146.92 147 ePKP 15 32.80 0.8
e 15 34.10
KIC 152.07 273 PKP 15 45.90 5.8X
TIC 152.35 273 PKP 15 46.60 6.1X
LIC 152.35 272 PKP 15 46.60 6.1X
S.D. = 1.0 on 55 of 62 obs.

• FEB 27, 1992 08h 56m 05.32± 0.91s
38.384 N ±10.1km 20.809 E ±11.0km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 3.1 (ATH).

VLS 0.27 220 ePg 56 11.00 0.0
IGT 1.21 342 ePb 56 27.68 -0.1
eSb 56 49.72
AGG 1.35 61 ePb 56 31.24 1.1
eSb 56 52.60
KEK 1.54 330 ePb 56 38.10 5.2X
eSb 57 04.00
LIT 2.15 37 ePn 56 42.00 0.2
eSn 57 12.32
VLI 2.37 134 ePn 56 51.00 6.1X
PAIG 2.71 54 ePn 56 48.16 -1.6
KNT 3.21 29 ePn 56 57.08 0.4
S.D. = 1.1 on 6 of 8 obs.

• FEB 27, 1992 09h 11m 29.35± 0.99s
37.858 N ± 9.9km 29.903 E ±12.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

KHL 0.55 327 iPg 11 39.70 -0.9
iSg 11 48.20
BCK 0.67 126 iPg 11 43.50 0.7
ELL 1.11 180 ePn 11 49.00 -1.2
CIN 1.46 260 eP 11 57.00 1.2
DST 2.01 331 ePn 12 04.00 0.3
S.D. = 1.5 on 5 of 5 obs.

• FEB 27, 1992 09h 26m 00.76± 1.21s
40.737 N ±11.9km 30.349 E ± 7.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EYL 0.22 221 iPg 26 05.60 -0.1
GBZT 0.69 275 ePg 26 14.00 -0.4
iSg 26 23.50
YLV 0.76 257 iPg 26 15.60 -0.1
eSg 26 27.20
IZI 0.78 239 iPg 26 15.50 -0.5
iSg 26 27.10
NAL 0.90 126 iP 26 18.00 -0.2
iS 26 31.00
CTT 1.51 286 ePn 26 28.20 0.3
DST 1.74 230 ePn 26 32.00 0.8
S.D. = 0.5 on 7 of 7 obs.

• FEB 27, 1992 09h 26m 52.47± 1.38s
40.735 N ±14.0km 30.325 E ± 7.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

EYL 0.21 217 iPg 26 57.60 0.5
YLV 0.74 257 iPg 27 06.70 -0.4
eSg 27 16.50
IZI 0.76 239 iPg 27 07.10 -0.3
iSg 27 17.10
NAL 0.92 125 iP 27 10.00 -0.1
eS 27 24.00
CTT 1.49 287 ePn 27 19.70 0.4
S.D. = 0.6 on 5 of 5 obs.

& FEB 27, 1992 09h 37m 23.56s
59.885 N 151.717 W
DEPTH = 50.8km
KENAI PENINSULA, ALASKA (14)
<AEIC>. ML 2.5 (AEIC).

NNL 0.26 53 iP 37 33.29 0.8
CNPM 0.44 146 iP 37 33.54 -0.7
eS 37 41.73
BRLK 0.44 106 iP 37 33.74 -0.5
eS 37 42.07
IVS 0.70 281 eP 37 37.67 0.0
INE 0.70 285 iP 37 36.50 -1.1
eS 37 46.94
INW 0.74 285 eP 37 37.02 -1.0
eS 37 47.78
RED 0.75 316 iP 37 37.54 -0.7
eS 37 49.13
RDT 0.77 334 iP 37 37.83 -0.7
eS 37 49.24
RS1 0.78 318 iP 37 38.12 -0.6
RSO 0.78 319 iP 37 38.10 -0.6
eS 37 49.61
RS2 0.78 319 iP 37 38.18 -0.5
REF 0.78 321 iP 37 38.11 -0.6
eS 37 49.79
RDW 0.81 318 iP 37 38.43 -0.7
eS 37 50.52
DFR 0.86 326 eP 37 39.06 -0.6
eS 37 51.50
SLKM 0.97 49 eP 37 40.54 -0.6
AUE 0.99 239 eP 37 40.54 -0.8
AUP 1.01 240 eP 37 41.04 -0.7
eS 37 55.47
AUI 1.03 238 eP 37 41.25 -0.7
eS 37 54.76
SEW 1.16 78 eP 37 43.47 -0.2
PDB 1.25 267 iP 37 43.94 -1.1
eS 37 59.82
SPU 1.31 353 eP 37 45.33 -0.6
SYI 1.33 195 eP 37 45.30 -0.7
CKL 1.35 347 eP 37 45.97 -0.5
CKN 1.36 351 eP 37 46.95 0.3
CRP 1.40 351 eP 37 47.06 -0.2
BGL 1.42 347 eP 37 47.44 -0.1
CGLM 1.43 354 eP 37 47.36 -0.3
MCNL 1.51 243 eP 37 47.38 -1.2
eS 38 05.84
NCG 1.54 352 eP 37 48.96 -0.2
SUA 1.66 16 eP 37 51.26 0.5
PMS 1.73 37 eP 37 52.09 0.3
SKT 2.10 2 eP 37 57.36 0.3
PLRM 2.13 35 eP 37 56.55 -0.8
KNK 2.22 45 eP 37 57.77 -0.9
GHO 2.34 35 eP 38 00.88 0.5
GLI 2.50 65 eP 38 00.91 -1.7
SML 2.54 39 eP 38 02.50 -0.7
KLU 3.28 58 eP 38 11.87 -1.9
38 obs. associated

FEB 27, 1992 10h 08m 57.20± 0.37s
41.022 N ± 3.4km 20.215 E ± 3.7km
DEPTH = 5.0km (geophysicist)
ALBANIA (391)
ML 2.8 (TTG), 2.7 (TIR). MD 3.0
(THE).

TIR 0.42 321 ePg 09 04.60 -1.0
iSg 09 11.70
OHR 0.45 78 iPgc 09 06.80 0.6
0.4s 303.00nm
iSg 09 14.30
Lg 09 18.50
PHP 0.69 14 iPgc 09 08.50 -2.4X
iSg 09 19.50
LACI 0.72 328 iPgd 09 10.00 -1.6
iSg 09 22.00
TPE 0.74 192 iPgc 09 12.00 0.0
VLO 0.78 225 ePg 09 13.90 1.2
FNA 0.91 105 ePg 09 15.60 0.5
eSg 09 27.88
LSK 0.92 161 ePg 09 14.60 -0.7
iSg 09 30.50
PUK 1.05 347 ePg 09 15.50 -1.9
iSg 09 30.50
KKS 1.06 8 ePn 09 17.00 -0.7
SDA 1.13 332 ePg 09 14.70 -4.1X
iSg 09 31.50
ULC 1.19 323 iPgd 09 18.30 -1.5
iSg 09 31.79
SKO 1.32 44 iPn 09 22.90 0.8
0.9s 248.00nm
eSn 09 41.20
iSg 09 42.50
Lg 09 43.20
BCI 1.35 355 ePn 09 23.50 1.0
IGT 1.49 177 ePb 09 24.04 -0.6
eSb 09 40.64
TTG 1.58 333 iPgc 09 26.05 0.2
iSg 09 45.73
PVY 1.58 354 iPgc 09 27.92 1.9
iSg 09 49.04
BDV 1.63 321 iPgd 09 26.25 -0.5
iSg 09 46.30
GRG 1.66 92 ePb 09 26.40 -0.7
VAY 1.80 80 iPn 09 28.60 -0.5
LCI 1.85 249 P 09 30.00 0.2
eSn 09 53.50
IVA 1.86 353 iPnc 09 32.08 2.0
iSn 09 55.82
HCY 1.92 319 iPnc 09 30.90 0.1
iSn 09 53.83
LIT 1.96 117 ePb 09 28.60 -2.9X
NKY 2.01 333 iPnc 09 32.85 0.6
iSn 09 57.17
KNT 2.03 85 ePb 09 31.56 -0.9
BRY 2.25 327 iPnc 09 35.90 0.1
iSn 10 02.49
BRT 2.29 267 P 09 37.00 0.8
PLE 2.39 345 iPnc 09 38.73 1.0
iSn 10 07.49
SOH 2.39 94 ePn 09 37.52 -0.1
SRS 2.56 87 ePn 09 35.48 -4.5X
AGG 2.57 140 ePn 09 35.64 -4.6X
S.D. = 1.0 on 27 of 32 obs.

% FEB 27, 1992 10h 17m 32.15± 0.91s
39.137 N ± 7.0km 27.486 E ±12.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM 0.76 193 iPg 17 47.00 0.0
iSg 17 57.50
DST 1.00 62 iPn 17 51.10 -0.1
EDC 1.24 13 ePn 17 55.00 -0.2
KCT 1.30 31 ePn 17 56.40 0.2
KGT 1.32 354 iPn 17 56.60 0.1
S.D. = 0.2 on 5 of 5 obs.

% FEB 27, 1992 10h 30m 58.81± 0.88s
40.502 N ± 8.3km 29.125 E ± 6.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

YLV 0.20 71 ePg 31 04.10 0.9
eSg 31 07.00
IZI 0.31 122 iPg 31 05.10 -0.3
iSg 31 09.10
EYL 0.79 85 iPg 31 13.60 -0.6
CTT 0.83 321 ePg 31 14.70 -0.2
DST 0.97 203 iPn 31 17.60 0.3
S.D. = 0.8 on 5 of 5 obs.

FEB 27, 1992 10h 33m 58.56± 0.81s
40.454 N ± 6.9km 21.868 E ± 6.5km
DEPTH = 5.0km (geophysicist)
GREECE (364)
MD 3.0 (THE).

FNA 0.50 312 ePg 34 08.68 0.1

```
                    eSg    34 16.32
LIT      0.59 126 ePg    34 10.08  -0.4
                    eSg    34 18.56
GRG      0.65  39 ePg    34 11.84   0.4
                    eSg    34 22.32
VAY      1.02  31 ePn    34 16.70  -1.5
OHR      1.04 309 ePn    34 19.00   0.2
       1.1s     78.00nm
                    i      34 46.00
SOH      1.19  72 ePb    34 22.48   1.2
AGG      1.47 166 ePb    34 25.72  -0.1
SKO      1.55 348 ePn    34 38.70  11.8X
                    iSg    35 07.20
     S.D. = 1.0  on   7 of   8 obs.
-----------------------------------
%  FEB  27, 1992  10h 35m 00.41± 0.79s
   43.088 N ±12.7km    0.606 W ± 5.9km
   DEPTH =  10.0km  (geophysicist)
 PYRENEES                          (378)
      ML 1.0 (STR).

ESCF     0.02 113 Pg     35 02.13  -0.3
                    Sg     35 03.00
ATE      0.07 268 Pg     35 02.41  -0.4
OGE      0.13  50 Pg     35 03.80   0.3
                    Sg     35 06.36
ISSF     0.15 247 Pg     35 04.38   0.3
                    Sg     35 07.37
MADF     0.17 290 Pg     35 04.21   0.0
                    Sg     35 07.03
     S.D. = 0.5  on   5 of   5 obs.
-----------------------------------
?  FEB  27, 1992  10h 46m 26.01± 8.86s
   40.435 N ±17.8km   21.735 E ±69.4km
   DEPTH =  10.0km  (geophysicist)
 GREECE                            (364)
      MD 2.7 (THE).

GRG      0.73  44 ePg    46 40.14  -0.2
SOH      1.29  72 ePb    46 50.40   0.4
SRS      1.57  64 ePb    46 54.36   0.4
                    eSb    47 14.76
PAIG     1.57 108 ePb    46 54.84   0.8
OUR      1.72  93 ePb    46 54.60  -1.5
     S.D. = 1.3  on   5 of   5 obs.
-----------------------------------
?  FEB  27, 1992  11h 12m 18.27± 0.98s
   39.011 N ± 8.3km   27.612 E ±14.6km
   DEPTH =   5.0km  (geophysicist)
 TURKEY                            (366)

IZM      0.67 204 iPg    12 31.10  -0.6
                    iSg    12 42.10
DST      0.99  53 iPn    12 37.00  -0.5
CIN      1.46 165 eP     12 46.00   0.8
KGT      1.46 351 iPn    12 45.60   0.3
     S.D. = 1.1  on   4 of   4 obs.
-----------------------------------
   FEB  27, 1992  11h 26m 21.61± 0.50s
   40.432 S ± 4.6km  176.375 E ± 6.5km
   DEPTH =  44.6 ± 10.1 km
   4.6mb (  1 obs.)
 NORTH ISLAND, NEW ZEALAND         (159)

PGZ      0.20 202 Pc     26 28.70  -0.7
                    S      26 34.00
TEHZ     0.55  37 Pc     26 33.80   0.5
MNG      0.71 254 Pd     26 34.20  -1.1
                    S      26 46.60
WAHZ     0.73 359 Pc     26 34.70  -1.0
TTH      0.95  21 P      26 40.00   1.2
MTW      0.98 222 Pc     26 40.00   0.8
AMW      0.99 208 P      26 40.80   1.5
BLW      1.16 216 P      26 42.40   0.8
KIW      1.19 248 P      26 42.90   0.7
CAW      1.20 235 Pc     26 42.80   0.5
BSZ      1.27 299 P      26 43.80   0.5
MOW      1.30 220 P      26 43.90   0.2
TAHZ     1.32  12 eP     26 45.10   1.0
WDW      1.34 231 P      26 44.40   0.2
CNZ      1.39 332 P      26 45.50   0.5
NGZ      1.39 334 P      26 45.40   0.4
MOH      1.43  25 eP     26 46.00   0.6
WEL      1.49 234 P      26 46.70   0.4
MRW      1.50 237 P      26 46.40   0.0
RUZ      1.53 328 P      26 47.20   0.3
                    eS     27 06.90
WHH      1.55   3 eP     26 47.60   0.4
PAHZ     1.66  19 P      26 48.90   0.2
TCW      1.77 243 P      26 50.00  -0.3
DIW      1.90 258 P      26 52.20   0.0
TAZ      2.20   3 P      26 56.10  -0.2
NOZ      2.22  36 eP     26 55.90  -0.8
URZ      2.24  15 P      26 55.90  -1.1
MOZ      2.28 327 P      26 57.30  -0.2
KHZ      2.91 226 eP     27 04.30  -2.2
THZ      2.94 242 eP     27 05.40  -1.7
HBZ      3.20  29 eP     27 09.20  -1.5
ODZ      6.25 221 eP     27 50.10  -3.5X
ASPA    39.28 282 eP     33 47.90   0.1
       0.4s     3.90nm          4.6mb
     S.D. = 0.9  on  32 of  33 obs.
-----------------------------------
?  FEB  27, 1992  11h 43m 47.21± 3.95s
   39.508 N ±27.5km   29.575 E ±18.1km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                            (366)

DST      0.74 278 ePg    44 01.50  -0.2
                    eSg    44 12.50
IZI      0.83 355 ePg    44 03.10  -0.2
                    eSg    44 13.30
YLV      1.07 352 ePn    44 07.10  -0.3
EYL      1.15  23 ePn    44 09.00   0.3
KCT      1.19 309 ePn    44 10.00   0.5
     S.D. = 0.5  on   5 of   5 obs.
-----------------------------------
?  FEB  27, 1992  11h 54m 57.74± 0.68s
   15.218 N ±10.8km   61.014 W ±45.4km
   DEPTH = 130.0km  (geophysicist)
 LEEWARD ISLANDS                   ( 92)

CRM      0.47 168 eP     55 16.93   0.1
                    S      55 31.70
FDF      0.50 195 eP     55 17.23   0.1
       0.2s     0.40nm
                    S      55 32.70
MVM      0.67 170 iPc    55 18.07  -0.1
                    S      55 34.20
BIM      0.70 185 iPc    55 18.31  -0.1
                    S      55 34.80
MGG      0.75 337 ePd    55 18.84   0.1
DEG      1.09 358 eP     55 21.88   0.0
                    S      55 40.00
SEG      1.27 338 eP     55 23.49  -0.1
                    S      55 44.70
     S.D. = 0.1  on   7 of   7 obs.
-----------------------------------
*  FEB  27, 1992  11h 55m 51.77± 0.77s
   15.489 N ±13.5km   94.481 W ± 8.2km
   DEPTH =  33.0km  (normal)
   4.4mb (  4 obs.)
 NEAR COAST OF OAXACA, MEXICO      ( 66)

TPX      2.22 105 iP     56 27.00   0.0
OXX      2.67 307 iP     56 33.00  -0.6
                    iS     57 04.00
IISM     4.45 322 iP     56 59.00   0.4
LVVM     4.62 336 iP     57 00.00  -1.1
IIT      5.07 314 eP     57 07.00  -0.8
PPM      5.32 313 eP     57 12.00   0.5
ACX      5.35 286 eP     57 12.00   0.6
III      5.57 302 iP     57 14.00  -0.7
                    iS     58 17.00
MEO     19.56 350 iPc    00 20.30   0.4
ACO     21.53 350 iPc    00 44.10   3.9X
ANMO    22.16 333 eP     00 48.50   1.8
       1.0s     3.00nm          3.7mb
LRM     33.79 337 eP     02 33.90   0.8
PNT     39.48 334 eP     03 21.00   0.2
FFC     39.58 353 eP     03 22.00   0.5
       0.5s     6.00nm          4.6mb
YKA     49.05 348 eP     04 36.30  -1.1
       0.7s     3.20nm          4.5mb
MBC     62.16 353 eP     06 11.50  -0.2
       0.8s     2.00nm          4.3mb
LIC     87.84  84 P      08 39.50  -0.2
KIC     88.08  84 P      08 40.50  -0.4
QUE    131.19  21 ePdiff11 52.80  -1.8X
     S.D. = 0.8  on  17 of  19 obs.
-----------------------------------
&  FEB  27, 1992  12h 00m 47.00s
   38.653 N          122.405 W
   DEPTH =   9.0km
 NORTHERN CALIFORNIA               ( 36)
      <BRK>. ML 2.8 (BRK).

NWRM     0.43 243 iPd    00 55.81   0.2
ZSP      0.72 171 ePd    01 00.68  -0.5
                    eS     01 11.94
BKS      0.79 170 ePc    01 01.37  -1.0
                    eS     01 13.77
ORV      1.14  38 iPc    01 04.94  -3.6
PCC      1.15 179 ePc    01 07.44  -1.2
                    eS     01 23.99
ARN      1.47 152 ePc    01 11.09  -2.7
                    eS     01 30.07
GCC      1.65 169 ePc    01 13.18  -3.1
CMB      1.70 111 ePc    01 14.35  -2.7
MIN      1.80  20 eP     01 14.77  -3.8
                    eS     01 39.72
WDC      1.93 357 eP     01 16.32  -3.9
SAO      2.03 158 eP     01 19.76  -2.0
BONR     3.30 101 eP     01 36.68  -3.5
TNP      4.12  96 (P)    01 53.73   2.1
       13 obs. associated
-----------------------------------
   FEB  27, 1992  12h 01m 24.92± 0.38s
   30.949 N ± 7.6km  141.759 E ± 5.5km
   DEPTH =  33.0km  (normal)
   4.7mb ( 22 obs.) 4.4Msz (  2 obs.)
 SOUTH OF HONSHU, JAPAN            (211)

MAT      6.31 333 iPc    02 58.60   0.4
       0.6s    70.67nm          5.6mb
                    eS     04 10.00
MDJ     16.67 328 eP     05 14.30  -3.1X
       1.0s    28.00nm          4.3mb
SSE     17.64 276 P      05 31.50   1.8
     Z  20s     1.38um
SNY     18.19 312 Pd     05 36.80   0.4
       1.2s    38.00nm          4.4mb
     N  12s     0.72um
     E  14s     0.63um
                    S      09 02.00
CN2     18.20 319 eP     05 36.00  -0.5
       1.0s    31.00nm          4.4mb
     Z  20s     1.45um          4.4MszX
     N  15s     1.23um
     E  15s     0.50um
                    epP    05 41.00
NJ2     19.56 279 Pc     05 52.80  -0.1
     N  10s     0.19um
     E  12s     0.32um
TIA     21.16 291 eP     06 09.30  -0.2
BJI     22.66 301 eP     06 23.50  -0.9
       1.5s   110.00nm          5.1mb
     N  12s     0.31um
                    eS     10 20.00
WHN     23.54 276 eP     06 31.50  -1.6
TIY     25.07 294 iPd    06 48.00   0.1
       1.2s    56.00nm          5.0mb
     Z  20s     1.38um          4.5Msz
     E  20s     1.22um
HHC     26.27 300 P      06 59.00  -0.1
       1.0s    22.00nm          4.7mb
BTO     27.37 299 eP     07 08.50  -0.6
     N  12s     0.46um
     E  15s     1.50um
                    pP     07 17.50  32kmX
XAN     27.80 285 P      07 12.00  -1.1
GYA     31.03 271 P      07 40.60  -1.4
     Z  18s     0.70um          4.4Msz
     N  15s     1.12um
     E  15s     0.39um
LZH     31.88 290 eP     07 48.50  -1.0
       1.2s    16.00nm          4.8mb
     Z  17s     0.49um          4.3MszX
                    pP     07 58.50  36kmX
YAK     32.05 349 eP     07 50.20  -0.3
       1.1s    30.00nm          5.1mb
     Z  17s     0.70um          4.4MszX
CD2     32.49 280 eP     07 56.00   1.3
     Z  17s     0.91um          4.5MszX
                    eS     13 08.00
IRK     34.63 319 ePd    08 14.80   1.8
       2.0s    47.00nm          5.1mb
     Z  16s     0.55um          4.4MszX
                    e      08 25.30
                    e      08 36.50
                    LR     21 32.00
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27d 12h

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GIA     35.05 296 P      08 16.00  -0.9
        1.0s     26.00nm          5.1mb
      Z 16s       0.75um          4.5MszX
CHG     40.45 263 eP     09 03.20   1.1
CHTO    40.45 263 eP     09 01.00  -1.1
        1.0s      7.00nm          4.4mb
WMO     44.11 303 P      09 33.00   1.2
        1.5s     22.00nm          4.7mb
      Z 14s       0.44um          4.5MszX
                  pP     09 45.00  43kmX
ANM     46.72  28 ePd    09 52.25   0.0
GUN     48.34 281 P      10 05.40  -0.4
PKI     48.84 281 P      10 09.40  -0.3
KKN     48.88 281 P      10 10.60   0.8
DMN     49.08 281 P      10 11.60   0.1
GKN     49.35 282 P      10 13.60   0.2
IMA     51.85  28 eP     10 32.90   1.0
FBA     54.16  30 eP     10 48.00  -0.8
ASPA    54.82 189 iPc    10 53.00  -1.2
        0.5s     21.20nm          5.4mb
                  i      11 04.50
NDI     55.33 285 eP     10 58.00   0.1
MBC     62.28  15 eP     11 46.00   0.4
FORR    62.81 193 eP     11 48.00  -1.5
BWA     65.33 174 eP     12 07.40   1.5
CAN     66.27 174 eP     12 13.90   2.0
MAIO    66.73 299 iPc    12 16.00   0.9
YKA     68.95  29 eP     12 26.20  -2.3
        1.2s      4.40nm          4.4mb
GMW     71.27  45 eP     12 44.14   1.2
NEW     74.34  43 P      12 59.50  -1.4
        1.2s     15.15nm          4.9mb
SES     76.67  39 eP     13 14.00  -0.2
                  pP     13 26.00  40kmX
LRM     78.33  43 eP     13 23.50  -0.2
FFC     78.68  32 ePc    13 24.50  -0.6
        0.9s     12.00nm          4.9mb
BONR    78.69  53 eP     13 23.98  -1.9
TNP     79.36  52 P      13 28.70  -0.7
        1.4s      6.25nm          4.4mb
HFS     79.75 336 eP     13 30.50  -0.3
        0.4s      1.10nm          4.2mb
      Z 16s       0.27um          4.7MszX
                  LR     55 56.00
NB2     79.91 338 P      13 31.60  -0.1
        0.7s      0.60nm          3.7mb
DUG     81.15  48 eP     13 33.51  -5.3X
        0.6s      1.74nm          4.2mb
BW06    81.74  45 P      13 36.00  -6.0X
        1.0s      2.50nm          4.2mb
                  pP     13 42.10  19kmX
DAU     82.02  48 (P)    13 40.04  -3.5X
ARUT    82.05  51 (P)    13 45.44   1.9
MSU     82.48  49 (P)    13 47.33   1.4
MLR     84.23 320 eP     13 54.00  -0.5
KRA     84.30 327 eP     13 56.30   1.7
                  e      14 02.80
SPC     84.75 326 eP     13 58.70   1.6
KSP     85.43 329 ePc    14 01.00   0.7
TRI     90.32 326 iP     14 22.30  -1.5
                  i      14 25.00
LPB    149.25  69 PKP    21 17.00   8.6X
     S.D. = 1.1  on  53 of  58 obs.
-----------------------------------------
*  FEB  27, 1992  12h 16m 17.70± 0.48s
   39.004 N ±14.2km  140.008 E ±10.0km
   DEPTH =  33.0km  (normal)
   4.5mb (  6 obs.)
 EASTERN HONSHU, JAPAN              (227)

MAT      2.84 211 iPc    17 02.20   0.5
                  (S)    17 31.00
SVW     44.63  39 eP     24 30.99   2.5
IMA     45.58  32 eP     24 39.10   3.1X
        1.2s      5.17nm          4.3mb
GUN     45.90 273 P      24 39.40   0.1
        0.4s     14.00nm          5.2mb
KKN     46.42 273 P      24 43.40   0.1
        0.6s     27.00nm          5.4mb
PKI     46.43 273 P      24 43.00  -0.5
DMN     46.64 273 P      24 45.00  -0.1
GKN     46.82 274 P      24 46.60   0.2
ASPA    62.60 186 eP     26 30.30 -10.6X
        1.0s      3.90nm
NEW     69.49  44 eP     27 24.50  -0.3
        0.9s      2.41nm          4.3mb
LRM     73.51  44 eP     27 48.90  -0.2
TNP     75.58  53 eP     28 00.30  -0.8
        0.9s      3.52nm          4.4mb
DUG     76.90  49 eP     28 08.50   0.1
MSU     78.37  50 eP     28 16.23  -0.4
SRU     78.94  48 eP     28 19.37  -0.4
PV09    80.16  48 eP     28 26.00  -0.5
ANMO    84.16  49 eP     28 47.00  -0.1
        1.0s      2.00nm          4.2mb
HRV     93.95  23 eP     29 38.40   5.1X
        1.0s    151.61nm          6.4mb X
LPB    146.77  56 PKP    36 06.00   9.0X
     S.D. = 0.8  on  15 of  19 obs.
-----------------------------------------
?  FEB  27, 1992  12h 41m 39.98± 7.69s
   38.760 N ±55.5km   23.693 E ±36.2km
   DEPTH =  10.0km  (geophysicist)
 GREECE                             (364)
      MD 2.5 (THE).

AGG      1.10 284 ePg    42 00.64   0.1
                  eSg    42 15.44
PAIG     1.17 360 ePg    42 01.84   0.1
                  eSg    42 15.04
OUR      1.59   8 ePb    42 08.12   0.0
LIT      1.63 326 ePb    42 08.68  -0.2
                  eSb    42 27.84
     S.D. = 0.2  on   4 of   4 obs.
-----------------------------------------
%  FEB  27, 1992  12h 48m 08.57± 0.62s
   42.800 N ± 5.4km   19.246 E ± 5.0km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION         (383)
      ML 1.3 (TTG).

NKY      0.18 274 iPgc   48 13.29   0.6
                  iSg    48 16.58
TTG      0.37 178 iPgd   48 16.55   0.4
                  iSg    48 22.58
IVA      0.49  81 iPgc   48 18.45   0.0
                  iSg    48 25.82
BRY      0.53 281 iPgd   48 19.12  -0.1
                  iSg    48 27.07
PLE      0.54  12 iPgc   48 19.43  -0.1
                  iSg    48 27.39
BDV      0.60 211 iPgd   48 20.30  -0.4
                  iSg    48 29.68
HCY      0.65 238 iPgc   48 21.33  -0.3
                  iSg    48 31.45
     S.D. = 0.4  on   7 of   7 obs.
-----------------------------------------
&  FEB  27, 1992  13h 13m 44.53s
   62.493 N          148.370 W
   DEPTH =  41.7km
 CENTRAL ALASKA                     (  1)
      <AEIC>. ML 3.0 (AEIC), 3.3
      (PMR).

SML      0.69 179 iPc    13 57.04  -0.9
                  eS     14 07.52
HUR      0.76 310 iPc    13 58.16  -0.8
                  eS     14 09.44
GHO      0.77 200 iPd    13 58.13  -1.0
                  S      14 09.78
CUT      0.89 265 iPd    13 59.99  -0.7
RND      0.94 347 iPc    14 00.53  -1.0
                  eS     14 13.18
PLRM     0.97 202 ePd    14 00.81  -1.1
                  eS     14 15.04
PMR      0.97 202 eP     14 00.57  -1.3
                  eS     14 14.69
KNK      1.09 182 iPc    14 02.79  -0.7
                  eS     14 18.00
TOA      1.10 110 eP     14 03.70   0.0
PWA      1.10 221 iPd    14 03.60  -0.1
MCK      1.27 349 iPc    14 05.46  -0.7
TRF      1.30 319 ePc    14 05.56  -1.2
SDG      1.31  87 ePd    14 05.55  -1.2
                  eS     14 24.76
PMS      1.37 205 iPc    14 07.40  -0.2
PAX      1.42  69 ePd    14 07.19  -1.1
                  eS     14 25.00
TZL      1.45 107 eP     14 08.16  -0.5
                  eS     14 27.50
THY      1.51  51 eP     14 09.13  -0.5
SUA      1.52 228 ePd    14 09.57  -0.3
                  eS     14 30.89
KLU      1.53 130 ePc    14 08.71  -1.2
                  iS     14 29.34
SKT      1.57 252 ePc    14 10.00  -0.3
                  eS     14 30.84
KTH      1.58 314 ePc    14 09.71  -0.8
                  eS     14 30.42
VLZ      1.67 144 eP     14 11.27  -0.5
VZW      1.68 148 ePc    14 10.64  -1.3
DDM      1.73  40 eP     14 11.94  -0.7
BWN      1.76 344 ePc    14 11.61  -1.4
DJE      1.96  37 ePd    14 16.11   0.2
                  eS     14 41.33
WRH      1.99   3 ePc    14 14.49  -1.8
HDA      2.02  18 ePc    14 15.42  -1.4
                  S      14 40.89
CGLM     2.09 237 eP     14 18.02   0.1
NCG      2.10 240 eP     14 17.73  -0.3
NEA      2.12 352 ePc    14 16.09  -2.1
CRP      2.17 237 eP     14 18.87  -0.3
CCB      2.18   6 iPc    14 16.88  -2.1
                  eS     14 44.86
SLKM     2.18 205 ePc    14 18.85  -0.3
SPU      2.19 235 eP     14 18.70  -0.5
CKN      2.21 237 eP     14 20.41   0.8
BGL      2.27 239 eP     14 21.21   0.8
DOT      2.28  57 ePd    14 19.27  -1.2
CKL      2.29 237 eP     14 20.30  -0.4
BKG      2.34 234 eP     14 21.65   0.3
GLB      2.40 114 ePc    14 20.63  -1.6
                  eS     14 48.74
FBA      2.43   6 iPc    14 20.24  -2.4
SEW      2.45 193 eP     14 22.51  -0.4
MDM      2.48   1 iPc    14 21.28  -2.0
                  eS     14 52.52
SGAM     2.51 141 eP     14 21.26  -2.5
GLM      2.54   9 eP     14 22.09  -2.2
TMW      2.60  69 eP     14 23.45  -1.5
RDT      2.73 227 ePc    14 26.34  -0.6
MLY      2.76 339 iPc    14 25.48  -1.8
DFR      2.81 229 eP     14 27.61  -0.5
REF      2.89 228 eP     14 28.83  -0.5
RSO      2.93 228 eP     14 30.04   0.1
RS2      2.93 228 eP     14 30.27   0.3
RS1      2.93 228 eP     14 30.16   0.2
RDW      2.93 229 eP     14 29.31  -0.7
BALM     3.22 114 ePc    14 31.28  -2.6
PRP      3.29  21 ePc    14 33.35  -1.6
CNPM     3.29 206 eP     14 33.96  -0.9
INE      3.33 225 eP     14 34.56  -1.0
INW      3.35 225 eP     14 34.54  -1.2
TTA      3.55 280 eP     14 36.54  -2.1
CTGM     3.68 111 eP     14 38.43  -2.2
SVW      3.71 251 e(P)   14 40.30  -0.6
YAH      3.83 121 eP     14 41.48  -1.3
PDB      3.92 229 eP     14 45.52   1.8
IMA      4.27 330 eP     14 45.27  -3.6
FYU      4.31  17 ePc    14 47.28  -2.0
YKA     15.50  75 eP     17 20.60  -0.9
        0.6s      0.10nm          2.2mb
        68 obs. associated
-----------------------------------------
*  FEB  27, 1992  14h 00m 25.25± 1.16s
   22.857 S ±14.6km   68.626 W ±12.4km
   DEPTH = 135.0 ± 15.5 km
   3.8mb (  1 obs.)
 NORTHERN CHILE                     (123)

ANT      1.85 242 iP     00 58.70   0.6
                  iS     01 22.70
YJA      2.97  77 ePc    01 11.60  -1.1
SLA      3.42 124 iP     01 22.00   3.6X
LPB      6.31   5 P      01 52.00  -5.6X
RTLL     8.44 179 ePd    02 26.00   0.1
RFA     11.87 179 ePd    03 10.60  -0.7
PPD     16.03  90 (P)    04 06.00   1.6
YKA     92.55 340 eP     13 21.30  -0.5
        0.7s      0.40nm          3.8mb
     S.D. = 1.6  on   6 of   8 obs.
-----------------------------------------
%  FEB  27, 1992  15h 18m 35.25± 3.48s
   43.913 N ±17.6km    7.127 E ±16.6km
   DEPTH =   5.0km  (geophysicist)
 NEAR SOUTH COAST OF FRANCE         (379)

STV      0.36  23 P      18 42.70   0.2
                  S      18 47.52
ENR      0.38  34 P      18 42.91   0.0
                  S      18 47.93
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IMI      0.55  90 P     18 46.29   0.0
                  S     19 53.51
PZZ      0.59 358 P     18 47.42   0.3
                  S     18 55.69
ROB      0.66  54 P     18 48.03  -0.4
                  S     18 57.10
FIN      0.83  69 P     18 51.95   0.1
                  S     19 02.74
BHB      0.93   6 P     18 53.05  -0.5
PCP      1.20  58 P     18 58.38   0.3
                  S     19 14.28
     S.D. = 0.4  on   8 of   8 obs.
-----------------------------------
?  FEB  27, 1992  15h 24m 09.21± 3.61s
   39.577 N ±27.5km   32.771 E ±17.1km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                          (366)

BBTK     0.27 358 iPgd- 24 14.50  -0.4
                  eSg   24 25.00
NAL      1.29 299 eP    24 34.00   0.8
                  eS    24 58.00
KAS      1.95  23 ePn   24 43.00   0.3
                  iSg   25 12.00
EYL      2.24 297 ePn   24 47.00   0.1
YLV      2.79 292 ePn   24 54.00  -0.8
     S.D. = 0.9  on   5 of   5 obs.
-----------------------------------
%  FEB  27, 1992  16h 12m 27.60± 0.55s
   40.453 N ± 6.3km   29.136 E ± 4.3km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                          (366)

YLV      0.21  58 iPg   12 33.00   0.7
IZI      0.28 114 iPg   12 33.50  -0.1
HRT      0.55  48 iPg   12 37.90  -0.8
                  iSg   12 45.90
KCT      0.63 251 iPg   12 39.80  -0.5
                  iSg   12 48.80
EYL      0.79  81 iPg   12 42.90  -0.1
CTT      0.88 323 iPg   12 44.90   0.5
                  eSg   12 56.00
DST      0.93 205 ePn   12 45.80   0.4
EDC      0.98 264 ePn   12 46.00  -0.2
     S.D. = 0.6  on   8 of   8 obs.
-----------------------------------
%  FEB  27, 1992  18h 04m 39.01± 1.14s
   38.447 N ± 6.6km   30.567 E ±14.5km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                          (366)

KHL      0.83 262 iPn   04 55.50   0.4
BCK      0.98 179 iPn   04 57.70  -0.1
ELL      1.77 197 ePn   05 10.00  -0.1
DST      1.90 308 ePn   05 11.30  -0.5
YLV      2.31 337 ePn   05 17.00  -0.8
HRT      2.47 344 ePn   05 21.00   1.0
     S.D. = 0.8  on   6 of   6 obs.
-----------------------------------
?  FEB  27, 1992  18h 24m 31.53± 1.76s
   38.957 N ±17.6km   28.266 E ±20.4km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                          (366)

DST      0.71  23 iPg   24 44.80  -0.7
                  iSg   24 55.80
IZM      0.96 235 ePn   24 49.80  -0.1
KGT      1.67 334 ePn   25 01.00   0.1
YLV      1.82  28 ePn   25 03.80   0.6
     S.D. = 0.9  on   4 of   4 obs.
-----------------------------------
%  FEB  27, 1992  18h 58m 34.69± 2.82s
   43.082 N ±22.5km    1.002 W ±19.7km
   DEPTH =  10.0km  (geophysicist)
 PYRENEES                        (378)
      ML 1.0 (STR).

BOH      0.02 341 Pg    58 36.79   0.0
ELYF     0.09   5 Pg    58 37.25  -0.1
                  Sg    58 38.65
MADF     0.15  64 Pg    58 38.28   0.1
                  Sg    58 40.43
ISSF     0.16 110 Pg    58 38.48   0.0
                  Sg    58 41.12
ATE      0.22  89 Pg    58 39.39  -0.1
                  Sg    58 42.45
     S.D. = 0.1  on   5 of   5 obs.
-----------------------------------
   FEB  27, 1992  20h 05m 23.84± 0.12s
    6.191 S ± 3.0km  147.576 E ± 3.4km
   DEPTH =  38.5km  (geophysicist)
   5.9mb ( 63 obs.)  6.6Msz ( 38 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)
      Ms 6.5 (BRK). Mo=7.9*10**18 Nm
      (PPT). Felt at Lae. Depth from
      broadband displacement
      seismograms.
      FAULT PLANE SOLUTION: P-Waves
       NP1:Strike=119 Dip=51 Slip=  90
       NP2:        299     39       90
       Principal Axes:
        T                Plg=84  Azm= 29
        P                     6      209
      Comment: The focal mechanism is
        poorly controlled and
        corresponds to reverse
        faulting. The preferred fault
        plane is NP2.
      RADIATED ENERGY
       No. of sta:   8  Focal mech.  M
       Energy        1.6±0.5*10**13 Nm
      MOMENT TENSOR SOLUTION
      Dep  38            No. of sta: 18
      Moment Tensor;   Scale 10**19 Nm
        Mrr= 1.02        Mtt=-0.96
        Mff=-0.06        Mrt= 0.18
        Mrf=-0.16        Mtf=-0.15
       Principal axes:
        T  Val=  1.06  Plg=79  Azm= 57
        N       -0.07      10      262
        P       -1.00       4      172
      Best Double Couple:Mo=1.0*10**19
       NP1:Strike=251 Dip=41 Slip=  75
       NP2:         90     50      103
      CENTROID, MOMENT TENSOR    (HRV)
      Data Used: GDSN
      L.P.B.: 24S, 70C  M.W.: 19S, 44C
      Centroid Location:
      Origin Time        20:05:34.0 0.1
      Lat  6.43S 0.01 Lon 147.73E 0.01
      Dep  39.2 BDY Half-duration  3.9
      Moment Tensor;   Scale 10**18 Nm
        Mrr= 9.78 0.08  Mtt=-9.88 0.06
        Mff= 0.10 0.08  Mrt= 5.02 0.16
        Mrf= 0.19 0.16  Mtf= 2.19 0.06
       Principal Axes:
        T  Val= 11.03  Plg=76  Azm=345
        N        0.43       6       99
        P      -11.47      13      191
      Best Double Couple:Mo=1.1*10**19
       NP1:Strike=289 Dip=32 Slip= 101
       NP2:         95     58       83

LAT      0.73 231 iPd   05 42.60   4.8X
YYYY     1.60 268 eP    05 59.50   9.3X
MDG      2.02 298 iPd   06 04.10   8.0X
PMG      3.22 187 iPd-  06 15.00   1.8
                  eS    06 57.00
MNDI     3.90 270 eP    06 31.50   8.4X
RAB      4.99  67 eP    06 38.00  -0.3
HNR     12.67 105 eP    08 26.00   1.7
MTN     17.51 247 eP    09 29.00   2.2
         0.5s   380.00nm          5.8mb
                  eS    12 39.00
GUA     19.78 352 P     09 55.60   1.7
         1.2s  1403.10nm          6.1mb
GUMO    19.83 352 eP    09 55.00   0.5
         1.2s  1403.10nm          6.2mb
      Z  26s   222.00um          4.5Msz
                  e     10 08.00
                  eS    13 48.70
                  e     14 02.40
GUMO    19.83 352 eP    09 50.28  -4.2X
         1.2s  1403.10nm          6.2mb
      Z  26s   222.00um          4.5Msz
                  eS    13 49.16
PJG     19.83 352 eP    09 55.80   1.3
RMO     20.22 177 iPd   09 58.80   0.4
QLP     20.53 189 eP    10 02.00   0.4
KNA     20.75 241 eP    10 04.10   0.2
         0.3s   198.00nm          6.0mb
SAPN    21.34 355 eP    10 11.60   1.7
ASPA    21.79 216 iPd   10 14.50   0.0
         0.5s   721.10nm          6.3mb
      Z  18s   500.60um          6.9Msz
                  eS    14 11.80
                  e     19 15.90
PVC     23.28 121 iP    10 31.00   1.9
DZM     24.12 133 iPc   10 31.10  -6.3X
ARMA    24.40 172 iPc   10 41.00   0.9
                  i     12 09.30
                  e     13 09.00
DAV     25.61 301 eP-   10 51.60   0.1
                  e     15 18.00
RIV     27.70 174 eP    11 08.00  -2.5X
                  iS    15 52.00
                  i     19 32.00
BWA     28.11 179 eP    11 14.90   0.6
PCI     28.17 280 ePc   11 19.90   4.9X
         1.1s    65.50nm          5.2mb
                  e     22 20.00
CAN     29.02 178 eP    11 22.70   0.2
ADE     29.78 195 iPc+  11 30.00   0.7
         0.6s   400.00nm          6.3mb
FORR    30.59 214 eP    11 36.50   0.1
         0.3s    58.00nm          5.8mb
MBL     30.71 238 eP    11 38.00   0.4
         0.4s    44.00nm          5.6mb
BFD     31.18 188 iPc   11 42.00   0.4
         0.7s   230.00nm          6.1mb
TSM     31.43 289 ePc   11 50.00   5.9X
KHKI    31.78 264 ePc   11 46.10  -1.0
                  e     16 20.00
MBU     32.28 112 eP    11 52.90   1.4
SVA     32.37 114 ePc   11 55.20   3.0X
KKM     33.58 291 ePd   12 07.00   4.1X
BAG     34.90 310 ePc+  12 13.00  -1.3
                  eS    17 52.00
COOL    34.90 222 eP    12 14.00   0.0
         0.3s    41.00nm          5.8mb
MRWA    37.58 229 eP    12 37.50   0.8
         0.3s    37.00nm          5.7mb
KLB     37.63 224 eP    12 37.00   0.0
         0.4s   113.00nm          6.1mb
BAL     37.81 226 eP    12 39.50   1.0
         0.5s   101.00nm          6.0mb
NWAO    38.77 223 ePc   12 47.58   1.0
                  iS    18 40.08
                  e     18 46.71
MUN     38.93 225 eP    12 49.00   1.1
         1.0s   506.00nm          6.3mb
      Z  20s   158.80um          6.8Msz
                  eS    18 48.00
TATO    40.05 322 eP    12 58.50   1.3
         0.9s   375.11nm          6.2mb
ANP     40.19 322 eP    13 00.00   1.5
                  eS    18 56.00
KAGJ    40.45 338 eP    13 01.10   0.7
KUMJ    41.68 339 eP    13 10.50   0.0
WKYJ    41.76 345 eP    13 12.20   1.0
QZH     41.87 319 Pc    13 13.00   0.8
         1.0s   160.00nm          5.7mb
      Z  24s    43.10um          6.2MszX
      N  22s    47.10um
      E  22s    37.30um
                  sP    13 33.00
TKSJ    41.96 343 eP    13 13.40   0.6
THZ     41.98 151 eP    13 11.40  -1.5
MSZ     42.25 158 eP    13 19.70   4.7X
MNG     42.41 148 eP    13 15.80  -0.7
IIDJ    42.43 348 iP+   13 17.20   0.5
EWZ     42.44 155 eP    13 14.70  -1.9
LTZ     42.48 153 eP    13 16.00  -1.0
WEL     42.53 149 eP    13 24.00   6.6X
                  e     15 20.00
                  S     19 36.00
KAKJ    42.74 351 P     13 18.20  -0.9
CHJJ    42.78 350 P     13 20.50   1.0
MTW     42.82 149 eP    13 18.80  -0.9
SHK     42.88 342 ePc   13 21.30   1.0
BWZ     42.88 156 eP    13 20.50   0.3
TSRJ    42.91 346 iP+   13 21.20   0.6
SHNJ    43.02 340 eP    13 21.40   0.0
YONJ    43.25 343 P     13 23.90   0.6
HKC     43.26 312 ePc   13 26.70   3.1X
                  eS    19 50.00
MAJO    43.40 349 iPc   13 24.94   0.4
                  epPd  13 36.69  42kmX
                  ePP   15 14.79
                  eS    20 01.92
                  eSS   23 19.74
```

27d 20h

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MAJO   43 40 349 iPc    13 24.94   0.4
                ePPd    13 36.69  42kmX
                ePP     15 14.79
                eS      20 01.92
                eSS     23 19.74
MAT    43.40 349 iPc    13 24.40  -0.2
       1.5s   666.67nm          6.2mb
                eS      20 04.00
MTMJ   43.52 349 P      13 26.00   0.4
NIIJ   43.94 350 P      13 29.50   0.6
GZH    44.34 312 Pc     13 32.00  -0.3
     Z  30s    34.30um          6.1MszX
     N  17s     7.35um
     E  18s    16.20um
                pP      13 44.60  46kmX
                S       20 04.00
YAMJ   44.69 352 P      13 36.00   1.1
QIZ    44.83 305 Pc     13 36.50   0.1
     N  19s    19.50um
     E  20s    38.60um
SSE    44.85 327 P      13 36.00  -0.3
       1.0s    90.00nm          5.6mb
     Z  20s    77.10um          6.6Msz
     N  20s    39.10um
     E  20s     9.40um
                sP      13 56.00
KGM    44.93 279 ePd    13 39.60   2.3
       1.1s   441.00nm          6.2mb
OFUJ   45.37 354 P      13 41.60   1.3
KLM    46.78 280 ePd    13 57.50   5.6X
NJ2    46.86 326 Pc     13 52.00  -0.1
       1.1s   110.00nm          5.7mb
     N  18s    15.90um
     E  20s    15.80um
                pP      14 05.00  48kmX
                sP      14 11.50
AOMJ   46.99 352 eP     13 54.20   1.1
IPM    47.69 282 ePd    14 01.10   2.0
       1.0s   102.50nm          5.8mb
                e       14 13.50
WHN    48.44 321 P      14 06.00   1.4
       1.2s    40.00nm          5.3mb
     Z  20s    30.60um          6.3Msz
     N  18s    13.50um
     E  18s    15.70um
HOOJ   48.50 356 eP     14 06.80   2.0
SNG    48.70 285 eP     14 09.00   2.2
                eS      21 12.00
MRRJ   48.74 354 eP     14 07.50   0.8
KUSJ   49.12 357 P      14 11.00   1.4
ASAJ   50.27 355 eP     14 19.20   0.8
DL2    50.91 334 Pc     14 24.00   0.6
       1.0s    42.00nm          5.4mb
     Z  25s    44.60um          6.4MszX
     N  22s    57.10um
     E  20s    27.70um
                sP      14 45.00
                PP      16 23.00
                S       21 32.00
                sS      21 58.50
TIA    50.94 328 Pc     14 22.90  -0.7
       2.0s   210.00nm          5.8mb
     N  21s    32.20um
     E  21s    46.80um
                sP      14 43.00
                PP      16 24.00
NNT    51.08 292 eP     14 28.60   3.6X
GYA    51.24 311 iPc    14 27.00   0.8
     Z  24s    25.00um          6.2MszX
     N  20s    22.00um
     E  20s    14.50um
                PP      16 24.00
                SS      25 14.00
NST    51.76 295 eP     14 37.00   6.9X
SNY    52.58 337 iPc    14 35.50  -0.4
       1.2s    75.00nm          5.5mb
     N  23s    42.70um
     E  21s    35.70um
                sP      14 55.00
                S       21 55.00
                SS      25 34.50
KHT    52.84 294 eP     14 38.00  -0.3
MDJ    53.10 344 ePc    14 39.41  -0.4
       1.2s   220.00nm          6.0mb
     Z  26s    31.60um          6.2MszX
     N  20s    16.80um
     E  16s    12.50um
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                epPd    14 49.67  34kmX
                sP      14 58.00
                ePP     16 44.13
                eS      22 11 06
KMI    53.57 307 Pd     14 45.00   1.2
       1.0s    70.00nm          5.6mb
     Z  22s    42.90um          6.5Msz
     N  17s     9.20um
     E  17s    10.90um
                pP      14 55.00  33kmX
                sP      15 00.00
CN2    53.63 340 Pc     14 40.00  -3.6X
       0.8s    27.00nm          5.3mb
     Z  22s    53.50um          6.6Msz
     N  20s    33.30um
     E  20s     8.95um
                esP     15 02.50
CHG    53.98 298 ePc    14 47.00   0.3
       1.0s    12.50nm          4.9mb
                e       15 28.30
                eS      22 26.00
CHTO   53.98 298 iPc    14 45.84  -0.8
                ed      14 58.92
                ePP     16 51.23
CHTO   53.98 298 iPc    14 45.84  -0.8
                ed      14 58.92
                ePP     16 51.23
XAN    54.19 320 P      14 47.00  -1.0
       1.0s    19.00nm          5.1mb
     N  20s    17.00um
     E  22s    27.00um
                pP      15 02.00  56kmX
BJI    54.35 331 iPc    14 48.28  -0.7
       2.0s   300.00nm          6.0mb
     E  20s    41.90um
                esPd    15 04.33
                ePP     16 57.05
                eS      22 24.43
                e       22 38.67
                esS     22 42.00
                eScS    24 43.81
TIY    54.58 326 Pc     14 50.00  -0.9
     Z  24s    59.70um          6.6MszX
     N  18s    20.50um
                sP      15 10.00
CD2    55.82 314 eP     14 58.80  -1.1
     Z  20s    21.90um          6.2Msz
     E  19s    27.40um
                sP      15 20.00
                PcP     16 00.00
                PP      17 01.50
                eS      22 40.00
HHC    57.30 328 P      15 10.40   0.0
       0.9s    52.00nm          5.6mb
     Z  26s    69.90um          6.6MszX
     N  22s    29.40um
     E  20s    21.70um
                sP      15 30.50
                PP      17 21.00
                sS      23 22.00
BTO    57.95 327 iPd    15 14.00  -0.9
       1.0s    56.00nm          5.6mb
     N  25s    79.70um
     E  25s    37.10um
                sP      15 34.50
                PP      17 26.50
                sS      23 34.00
LZH    58.73 319 iPc    15 20.05  -0.5
       2.0s   200.00nm          5.9mb
     Z  25s    38.80um          6.4MszX
     N  20s    24.10um
     E  20s    19.70um
                esPd    15 36.44
                ePP     17 31.81
                eS      23 26.85
                ed      23 41.47
PET    59.73   8 eP     15 27.00   0.1
                eS      23 38.00
HON    59.96  61 P      15 31.00   1.9
KIP    59.99  61 ePc    15 31.90   2.7X
                ed      15 45.31
KIP    59.99  61 ePc    15 31.90   2.7
                ed      15 45.31
DRV    60.60 183 eP     15 39.00   6.3X
                PP      17 54.00
                S       23 37.00
                SS      27 57.00
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                SSS     30 45.00
AFR    62.10 106 iP     15 44.90   1.3
       1.3s   275.00nm          6.2mb
PAE    62.29 107 iP     15 45.10   0.2
       1.3s   250.00nm          6.2mb
PPT    62.29 107 iP     15 45.20   0.2
       1.3s   315.00nm          6.3mb
PPN    62.43 106 iP     15 46.00   0.2
       1.3s   225.00nm          6.1mb
SHL    62.60 303 eP     15 45.50  -1.6
       1.2s    58.59nm          5.6mb
                iS      24 16.00
TVO    62.61 107 iP     15 47.40   0.3
       1.3s   580.00nm          6.5mb
TBI    62.77 113 eP     15 43.00  -5.0X
       1.3s   370.00nm          6.4mb
SMY    62.87  18 P      16 00.00  11.9X
     Z  21s    27.08um          6.4Msz
GTA    63.25 320 Pc     15 50.50  -0.6
       0.8s    75.00nm          5.9mb
     Z  30s    20.40um          6.1MszX
     E  20s    22.80um
                pP      16 04.60  50kmX
                sP      16 11.00
                PP      18 08.00
                PcS     20 31.00
                S       24 16.00
                sS      24 40.00
PMO    63.85 104 iP     15 55.90   0.7
       1.3s   440.00nm          6.4mb
VAH    64.11 104 iP     15 57.00   0.1
       1.3s   165.00nm          5.9mb
TPT    64.11 104 iP     15 57.60   0.6
       1.3s   275.00nm          6.2mb
RUV    64.34 104 iP     15 58.70   0.2
       1.3s   270.00nm          6.2mb
LSA    64.81 307 iPc    16 01.68  -0.2
     N  22s    14.70um
                ec      16 04.50
                epPd    16 12.77  37kmX
                ePP     18 30.49
                eS      24 41.96
                iPS     25 10.65
                e       26 28.46
ADK    65.41  23 eP     16 04.86   0.2
       0.9s     0.03nm          2.4mb X
GUN    68.45 303 P      16 24.20  -0.7
PKI    68.73 303 P      16 25.60  -1.0
IRK    68.88 333 eP     16 26.90   0.2
       1.6s    57.00nm          5.4mb
     Z  20s    22.09um          6.4Msz
                e       16 39.00
                e       16 45.90
                e       17 46.00
                e       18 15.50
                ePP     18 58.00
                e       19 14.30
                e       22 07.00
                e       23 44.00
                e       24 27.00
                e       25 25.00
                eS      25 34.00
                e       25 49.00
                ePS     26 12.00
                e       27 30.00
                eSS     29 44.00
                eSSS    32 46.00
                LR      39 35.00
                e       44 38.00
                e       44 57.20
KKN    68.91 303 P      16 26.40  -1.2
DMN    69.00 303 P      16 27.40  -0.8
YAK    69.40 351 eP     16 28.90  -0.7
       1.6s   288.00nm          6.0mb
     Z  23s    20.30um          6.3MszX
                ePcP    16 54.00
                ePP     18 52.00
                ePPP    20 52.00
                eS      25 33.00
                ePS     25 54.00
                eScS    26 09.00
                eSS     30 12.00
                eSSS    33 33.00
                e       36 41.00
GKN    69.52 303 P      16 30.40  -0.8
KOD    71.70 283 eP     16 45.50   0.7
HYB    72.06 290 ePc    16 46.00  -0.6
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		1 2s	128.60nm			5.8mb
				eS	26 06.00	
				eP'P'	44 43.00	
WMC		73.31	319	iPc	16 53.03	-0.5
		2.5s	150.00nm			5.5mb
	Z	20s	14.50um			6.3Msz
	N	19s	20.10um			
				ec	16 56.18	
				ed	17 01.47	
				ed	17 05.61	
				ePP	19 43.69	
				eS	26 23.86	
				ePS	26 53.93	
				eSS	30 57.47	
SDN		74.79	28	P	17 10.00	8.3X
	Z	22s	36.56um			6.6Msz
NDI		75.97	301	iPc	17 08.00	-1.1
				eS	26 48.00	
RKT		76.07	112	iP	17 04.20	-5.5X
		1.6s	315.00nm			6.0mb
POO		76.67	291	iPc	17 13.40	0.2
		1.0s	44.00nm			5.4mb
				iS	26 58.00	
PAF		77.10	221	iP	17 22.00	7.1X
				ePP	20 20.00	
				ePPP	22 30.00	
				iS	27 15.00	
				eSS	32 10.00	
ILT		77.66	12	iPc	17 18.00	0.4
				iS	27 26.00	
TIK		78.64	354	iPd	17 22.00	-1.0
				eS	27 40.00	
KDC		79.82	28	eP	17 34.10	4.5X
KSH		79.91	312	P	17 32.00	1.3
	Z	24s	40.40um			6.7MszX
	N	18s	13.60um			
	E	20s	21.60um			
				pP	17 46.00	48kmX
PD8		80.08	26	eP	17 29.85	-1.1
SVW		80.17	24	eP	17 31.00	-0.5
		0.8s	40.39nm			5.4mb
TTA		81.00	23	eP	17 36.37	0.4
		1.7s	81.09nm			5.4mb
RSO		81.04	26	(P)	17 36.62	0.3
FRU		81.85	315	eP	17 42.00	1.3
				eS	28 05.00	
SLKM		82.16	26	eP	17 40.50	-1.5
PMR		83.13	25	eP	17 45.08	-1.8
		1.0s	33.99nm			5.4mb
IMA		83.53	21	eP	17 47.97	-1.1
		2.1s	137.90nm			5.7mb
SPA		83.85	180	iPc	17 53.20	2.5X
		1.0s	275.00nm			6.3mb
	Z	23s	33.33um			6.7MszX
RND		84.06	24	eP	17 49.75	-1.9
KLU		84.48	26	eP	17 52.52	-1.3
TOA		84.62	26	eP	17 54.80	0.3
QUE		85.03	301	iP+	17 57.10	-0.3
				eSKS	28 28.00	
				eS	28 49.00	
COL		85.14	23	iPc	17 54.45	-2.5
				epPd	18 06.53	40kmX
				esPd	18 11.33	
				eS	28 25.85	
COL		85.14	23	iPc	17 54.45	-2.5
				epPd	18 06.53	40kmX
				esPd	18 11.33	
				eS	28 25.85	
FBA		85.14	23	eP	17 54.83	-2.1
		0.9s	4015.99nm			7.6mb X
BRW		85.45	15	eP	17 58.61	0.3
BALM		85.91	27	eP	18 01.55	0.5
SIT		88.19	32	P	18 20.00	8.1X
	Z	20s	15.00um			6.4Msz
CRZF		89.49	223	iPc	18 26.00	7.6X
				iPP	21 51.00	
				iS	29 02.00	
				iSP	30 27.00	
				iSS	35 12.00	
				iSSS	39 12.00	
MAIO		92.08	306	iPd	18 31.00	0.3
				eS	29 00.00	
COR		93.67	46	ePc	18 39.22	1.5
				ec	18 43.03	
				epPd	18 49.65	33kmX
				ed	18 52.80	
				ePP	22 29.24	
COR		93.67	46	ePc	18 39.22	1.5
				ec	18 43.03	
				epPd	18 49.65	33kmX
				ed	18 52.80	
				ePP	22 29.24	
BKS		93.90	52	eP	18 30.00	-8.9X
				e	20 46.00	
				ePP	22 10.00	
				eSKS	28 38.00	
				eS	29 46.00	
				ePPS	31 06.00	
				e	32 40.00	
				ePKKP	35 16.00	
				eSS	35 58.00	
				eLQ	42 20.00	
				eLQ	43 56.00	
				eLR	48 14.00	
GMW		94.28	43	eP	18 41.45	1.0
				e	19 05.89	
MCW		94.33	42	eP	18 41.74	1.0
				e	19 05.74	
MHC		94.33	53	eP	18 40.00	-1.1
	Z	20s	14.00um			6.4Msz
	N	20s	6.00um			
	E	20s	16.00um			
				ePP	22 30.00	
				eSKS	28 00.00	
				eS	30 07.00	
				ePPS	31 14.00	
				eSS	36 25.00	
				eLQ	44 14.00	
				eLR	48 28.00	
ARN		94.42	53	eP	18 41.95	0.6
LBFM		94.44	49	eP	18 41.00	-0.6
SHW		94.55	44	(P)	18 43.59	1.7
ORV		94.61	51	eP	18 41.56	-0.6
				e	18 51.74	
LON		94.88	44	(P)	18 41.25	-2.1
CMB		95.37	52	ePc	18 47.07	1.3
				epPd	18 57.50	33kmX
				ePP	22 36.48	
				eHPP	22 36.76	
CMB		95.37	52	ePc	18 47.07	1.3
				epPd	18 57.50	33kmX
				ePP	22 36.48	
				eHPP	22 36.76	
PNT		96.48	41	eP	18 50.00	-0.5
		1.0s	29.00nm			5.7mb
MBC		96.70	14	eP	18 53.00	2.0
		1.0s	6.00nm			5.1mb
ISA		96.77	55	ePc	18 51.08	-1.1
				ed	19 04.49	
				ePP	22 43.46	
				eHPP	22 45.12	
PAS		96.95	56	ePc	18 52.40	-0.5
				ipPd	19 04.32	38kmX
PAS		96.95	56	ePc	18 52.40	-0.5
				ipPd	19 04.32	38kmX
BONR		97.01	53	eP	18 55.1B	1.6X
				e	19 03.74	
SBB		97.26	56	eP	18 55.00	0.6
SHI		97.41	299	eP	19 04.00	8.7X
CLC		97.49	55	eP	18 56.00	0.6
RVR		97.60	57	eP	18 58.00	2.1
NVL		97.75	193	ePc+	19 09.00	13.1X
		1.8s	158.00nm			
	Z	20s	72.00um			7.2Msz
				e	19 27.00	
				e	19 45.00	
				e	20 19.00	
				e	20 36.00	
				e	22 44.00	
				ePP	22 57.50	
				e	23 05.00	
				e	23 11.50	
				e	23 18.00	
				e	23 25.00	
				e	23 43.00	
				e	25 50.00	
				e	26 32.00	
				eSKS	29 31.00	
				eSKKS	29 55.00	
				eS	30 08.00	
				ePS	31 17.00	
				ePPS	31 46.00	
				eSS	36 53.00	
TNP		97.87	53	eP	18 55.20	-2.1
		0.9s	9.65nm			5.3mb
PLM		98.01	57	eP	19 02.00	4.0X
NEW		98.11	42	P	18 57.00	-0.9
		1.0s	27.50nm			5.7mb
GSC		98.12	55	ePc	18 57.91	-0.4
				eHPP	22 58.74	
				ePP	23 00.23	
GSC		98.12	55	ePc	18 57.91	-0.4
				eHPP	22 58.74	
				ePP	23 00.23	
BAR		98.14	58	eP	19 14.00	15.6X
TPC		98.71	57	eP	19 02.00	1.1
YKA		99.07	28	eP	19 00.30	-1.6
		1.1s	3.20nm			4.8mb X
GLA		99.70	58	(P)	19 06.34	0.8
ARUT		100.86	53	(Pdiff	19 24.62	13.8X
LRM		101.36	45	ePdiff	19 14.80	1.8
SES		102.00	40	ePdiff	19 19.00	3.6X
				pP	19 27.00	
SRU		103.11	51	(Pdiff	19 17.79	-3.0X
MSL		105.26	306	ePdiff	19 35.00	4.8X
				e	23 48.00	
				ePP	24 14.00	
				eSKS	30 05.50	
				ePS	33 43.00	
ALQ		106.60	56	e(PKP)	23 54.00	6.7X
	Z	21s	15.95um			6.5Msz
ANMO		106.61	56	PKP	24 00.00	12.7X
	Z	21s	13.98um			6.5Msz
ANMO		106.61	56	ePdiff	19 40.56	4.1X
	Z	21s	13.98um			6.5Msz
				ed	19 50.16	
				ePP	23 59.60	
				eHPP	24 00.09	
				eSKS	30 24.57	
				eSKKS	31 10.10	
				eSDIF	31 46.37	
				iPS	33 22.11	
ANMO		106.61	56	ePdiff	19 40.56	4.1X
	Z	21s	13.98um			6.5Msz
				ed	19 50.16	
				ePP	23 59.60	
				eHPP	24 00.09	
				eSKS	30 24.57	
				eSKKS	31 10.10	
				eSDIF	31 46.37	
				iPS	33 22.11	
FFC		106.7B	35	ePKP	23 39.00	-7.7X
		1.3s	19.00nm			
OBN		106.99	326	ePKP	23 40.00	-7.0X
	Z	28s	35.00um			6.8MszX
	N	24s	14.00um			
	E	26s	26.00um			
				ePP	24 03.00	
				ePPP	26 36.00	
				eSKS	30 19.00	
				eSKKS	30 50.00	
				eSKKKS	31 40.00	
				iPS	33 18.00	
				ePPS	34 30.00	
				eSS	39 22.00	
				eSSS	43 20.00	
				LQ	49 30.00	
OBN		106.99	326	ePdiff	19 38.22	0.8X
GLD		107.15	50	PKP	24 00.00	11.9X
	Z	20s	11.50um			6.4Msz
RSSD		107.47	46	PKP	24 00.00	11.3X
	Z	22s	37.57um			6.9Msz
KAF		109.71	335	ePKP	23 54.50	2.5X
		1.0s	8.20nm			
NAI		110.50	266	Pdiff	19 40.00	-14.3X
				PP	24 32.00	
				SS	33 33.00	
				LQ	39 33.00	
NUR		111.13	334	ePKP	24 07.00	12.3X
		8.0s	5.80nm			
	Z	22s	30.20um			6.8Msz
				e	27 04.00	
				e	30 50.00	
				e	32 08.00	
				e	34 06.00	
				e	35 18.00	
				e	40 28.00	
				LR	12 10.00	
SEK		112.77	236	ePKP	23 50.00	-9.1X
		0.7s	13.70nm			
BBTK		112.93	311	iPdiff	20 12.00	7.6X

27d .0h

			e	24 00.00	
MEO	113.05	55	iPKPd	24 12.00	12.8X
SLR	113.11	239	ePdiff	20 02.00	-3.6X
	1.5s		69.44nm		
	Z 20s		26.95um		6.8Msz
			i	23 59.80	
BLF	113.66	235	ePKP	24 19.50	18.7X
FRS	114.11	234	ePKP	24 05.20	3.8X
KRI	114.56	248	iPKPd	24 00.60	-2.2
			i	25 14.00	
VRI	115.65	318	ePKP	24 08.00	4.1X
MLR	116.29	318	ePKP	24 06.50	1.2
NB2	116.35	338	PKP	24 05.00	0.2
	0.8s		2.60nm		
CMP	116.97	318	ePKPc	24 20.00	13.5X
UZH	117.46	322	ePKP	24 17.00	9.8X
KRA	118.25	325	ePKP	24 09.90	1.2
			e	24 15.80	
			e	24 21.30	
SPC	118.45	324	ePKP	24 09.90	0.5
			e	25 33.60	
			e	34 27.90	
SLM	118.78	49	PKP	24 20.00	10.0X
	Z 22s		18.07um		6.7Msz
FVM	118.81	50	PKP	24 20.00	9.8X
	Z 20s		30.82um		6.9Msz
KSP	119.92	327	ePKP	24 11.30	-0.5
VAY	120.00	315	iPKP	24 10.30	-2.0
SRO	120.22	323	ePKP	24 12.90	0.4
			i	24 34.00	
			e	35 21.60	
SKO	120.57	316	ePdiff	20 35.50	-2.7X
SKO	120.57	316	iPKP	24 12.50	-0.9
	Z 25s		16.32um		6.6MszX
			i	24 32.50	
			i	25 43.00	
			i	28 20.00	
			i	35 38.00	
			LR	15 54.00	
UZD	120.60	321	e(PKP)	24 31.00	17.8X
ZST	120.76	324	ePKP	24 12.60	-0.9
BRG	121.17	328	iPKP	24 13.80	-0.4
	Z 24s		26.50um		6.8MszX
	N 24s		18.00um		
	E 24s		9.50um		
			i	24 27.00	
			i	24 39.70	
			e	28 54.20	
			ePKKP	34 28.70	
VKA	121.18	324	ePKP	24 14.00	-0.3
	Z 19s		5.70um		6.2Msz
			LR	19 45.00	
PRU	121.32	326	PKP	24 13.80	-0.7
	Z 21s		19.90um		6.7Msz
	N 20s		9.10um		
	E 21s		16.20um		
			sPKP	24 27.50	
			ePP	25 44.10	
			ePKKP	34 19.00	
			PS	35 37.10	
			eSKKS	41 56.20	
			P'P'	43 00.00	
OHR	121.33	315	iPKP	24 13.80	-1.1
KHC	122.30	326	ePKP	24 16.00	-0.5
	0.9s		7.40nm		
	Z 22s		6.00um		6.2Msz
	N 20s		11.50um		
	E 22s		9.50um		
			ePKKP	34 18.00	
			e	35 52.00	
GEC2	122.39	326	PKP	24 15.00	-1.7
	0.8s		5.46nm		
PTJ	122.53	322	e(PKP)	24 16.20	-0.9
ZAG	122.56	322	e(PKP	24 18.90	1.9
VBY	123.16	322	e(PKP)	24 17.50	-0.6
GRF	123.28	328	ePKP	24 17.00	-1.3
	Z 21s		16.00um		6.7Msz
LJU	123.34	322	e(PKP)	24 18.00	-0.5
BHG	123.45	325	iPKPc	24 18.80	0.1
KBA	123.52	324	iPKPc	24 19.40	0.3
	1.0s		16.20nm		
			iPP	26 07.70	
			i	26 38.40	
			i	34 05.70	
CEY	123.55	322	e(PKP)	24 19.50	0.5
VOY	123.73	323	e(PKP)	24 17.50	-1.9
WIN	123.76	238	iPKPd	24 22.60	2.3
	1.0s		32.00nm		
	Z 20s		35.89um		7.0Msz
RIY	123.77	322	ePKP	24 18.00	-1.4
TRI	123.97	322	ePKP	24 20.20	0.4
			iPP	26 16.00	
			iPPP	29 02.00	
			iSP	36 24.00	
			iSPP	37 28.00	
			iSS	44 12.00	
			iSSS	48 16.00	
FVI	124.10	324	PKP	24 19.70	-0.3
FUR	124.11	326	ePKP	24 21.50	1.5
	Z 20s		15.00um		6.7Msz
BNS	124.57	331	iPKPd	24 22.00	1.3
	Z 22s		43.80um		7.1MszX
			i+	26 13.50	
SOTA	124.67	325	iPKPc	24 20.30	-0.9
	0.9s		16.10nm		
			i	26 05.00	
ROI	124.90	315	PKP	24 20.60	-1.2
OGA	124.97	325	ePKP	24 23.00	1.1
CTI	125.06	324	PKPc	24 23.20	1.2
ENN	125.30	331	ePKP	24 21.50	-0.6
	1.0s		20.00nm		
MEM	125.37	331	PKPc	24 23.30	1.0
ARV	125.58	320	PKP	24 23.10	0.1
EKA	125.70	340	PKP	24 23.00	0.2
	1.2s		13.80nm		
ASS	125.97	320	PKP	24 23.00	-0.9
SFI	126.05	321	PKPc	24 23.90	0.1
CDF	126.13	328	ePKP	24 23.20	-0.8
PRM	126.22	52	ePKP	24 24.07	-0.5
MNS	126.29	319	PKP	24 25.70	1.2
DOU	126.39	331	PKP	24 24.60	0.3
			PP	26 23.00	
			e	27 50.70	
			e	36 41.00	
FIR	126.49	322	e(PKP)	24 25.00	0.3
BSF	126.74	328	ePKP	24 24.40	-0.8
	0.9s		19.65nm		
BSF	126.74	328	ePKP	24 30.50	5.3X
	0.8s		10.75nm		
BDI	126.75	322	PKP	24 23.40	-1.9
HAU	126.87	328	ePKP	24 24.70	-0.7
	0.8s		12.10nm		
	Z 19s		32.50um		7.0Msz
RFA	126.94	143	iPKP	24 26.20	0.2
JSC	127.01	51	ePKP	24 25.55	-0.5
RSNY	127.04	37	PKP	24 30.00	4.2X
	Z 22s		23.28um		6.8Msz
BOB	127.05	323	PKPc	24 29.40	3.5X
LHS	127.29	51	ePKP	24 25.92	-0.6
MDZ	127.97	141	i(PKP)	24 29.10	1.1
LPL	128.19	326	ePKP	24 27.80	-0.4
	0.9s		8.20nm		
LPG	128.19	326	ePKP	24 27.80	-0.5
	0.9s		11.45nm		
TLL	128.42	137	ePKP	24 29.00	-0.2
BNI	128.50	325	PKPc	24 30.50	1.8
PGF	128.54	321	ePKP	24 28.00	-0.8
	1.3s		54.15nm		
LOR	128.63	329	ePKP	24 28.70	0.0
	1.1s		17.10nm		
	Z 21s		30.00um		7.0Msz
LBF	128.75	329	ePKP	24 28.70	-0.3
	0.9s		11.45nm		
SBF	128.76	324	ePKP	24 28.50	-0.6
	1.1s		41.50nm		
RTCB	128.92	139	iPKPd	24 30.40	0.5
BNH	128.93	35	(PKP)	24 28.57	-0.8
SSF	128.95	329	ePKP	24 29.40	0.1
	1.1s		22.00nm		
SMF	129.05	328	ePKP	24 29.20	-0.3
	0.9s		14.75nm		
TBR	129.05	40	(PKP)	24 29.66	0.0
AVF	129.20	329	ePKP	24 29.30	-0.5
	0.9s		5.75nm		
BCAO	129.24	271	ePKPc	24 22.00	-8.9X
	0.7s		28.00nm		
			ic	24 32.30	
FRF	129.40	324	ePKP	24 30.00	-0.3
	1.1s		34.20nm		
LMR	129.61	323	ePKP	24 30.20	-0.5
	1.1s		31.75nm		
LRG	129.63	324	ePKP	24 30.40	-0.3
	Z 21s		22.50um		6.8Msz
LDF	129.65	333	ePKP	24 30.30	-0.3
FLN	129.69	333	ePKP	24 30.50	-0.1
	Z 20s		37.50um		7.1Msz
CDR	129.85	324	ePdiff	21 19.30	-0.2
TCF	130.13	329	ePKP	24 31.70	0.1
	1.1s		22.00nm		
GRR	130.13	333	ePKP	24 31.40	-0.1
LPF	130.48	333	ePKP	24 32.20	0.1
	0.9s		18.00nm		
MFF	131.09	331	ePKP	24 33.30	-0.1
CAF	131.11	328	ePKP	24 33.00	-0.5
TCA	131.66	142	ePKP	24 32.80	-2.3
LPO	131.74	328	ePKP	24 35.10	0.4
	0.9s		13.10nm		
NNA	132.28	112	iPKP	24 37.30	0.7
	1.2s		75.00nm		
	Z 20s		2.13um		5.8Msz
LPA	132.57	151	ePKP-	24 41.00	4.5X
	Z 20s		12.77um		6.6Msz
			ePP	27 02.00	
			eSKS	28 05.00	
CYA	132.88	139	e(PKP)	24 29.00	-8.4X
BTH	133.54	327	ePKP	24 31.00	-7.2X
			e	25 02.00	
			e	25 10.00	
			e	27 20.00	
			SKP	28 07.00	
			e	28 18.00	
			PKS	28 26.00	
			PPP	30 20.00	
EBR	134.68	325	ePKP	24 38.00	-2.4
			ePP	27 20.00	
PSO	134.94	94	ePKP	24 41.00	-1.2
ARE	135.28	121	ePKP	24 45.00	2.4X
SLA	135.49	135	e(PKP)	24 28.00	-14.6X
TOL	137.86	327	ePKP	24 36.00	-10.5X
			iPP	27 35.00	
			iPKS	28 22.00	
LPB	138.11	123	ePKP	24 39.00	-9.1X
	1.1s		81.01nm		
			i	24 48.40	
			PP	27 34.00	
			LR	10 05.00	
ZOBO	138.20	123	(PKP)	24 39.76	-8.8X
			ePP	27 35.21	
			eHPP	27 35.76	
			eSKP	28 21.01	
ZOBO	138.20	123	(PKP)	24 39.76	-8.8X
			ePP	27 35.21	
			eHPP	27 35.76	
			eSKP	28 21.01	
BOG	138.52	90	ePKP	24 42.00	-6.9X
FUQ	138.90	89	ePKP	24 41.00	-8.5X
PTO	139.22	332	ePKP	24 44.00	-4.9X
MAL	140.26	324	iPKP-	24 46.00	-4.9X
			iPP	27 52.00	
SDV	142.04	84	iPKP	24 50.20	-4.8X
ITB1	142.62	146	e(PKP)	24 52.00	-3.4X
TOV	142.84	82	ePKP	24 52.00	-4.1X
IFR	142.85	321	iPKPd	25 06.50	10.7X
			i	25 34.00	
MORO	144.22	80	ePKP	24 55.70	-2.8X
AVE	144.40	323	iPKP	24 56.50	-1.7
			i	25 18.50	
			i	25 59.00	
PORP	144.61	67	PKP	24 55.50	-3.5X
CLLP	144.66	67	PKP	24 56.50	-2.5X
LPR	145.24	67	PKP	24 58.00	-2.1
CPD	145.28	67	PKP	24 58.00	-2.1
CAR	145.61	80	iPKP	25 00.40	-0.5
OLLA	145.76	81	ePKP	25 00.70	-0.5
TIO	145.90	319	iPKP	25 01.00	0.0
			i	25 15.50	
PPD	146.40	147	ePKP	25 02.70	0.8
GUAN	146.90	81	ePKP	25 03.40	0.3
VAO	147.69	154	ePKP	25 05.70	1.7
			e	25 11.40	
			e	25 19.20	
			e	25 32.90	
MGH	149.03	68	ePKP	25 10.50	4.3X
BMA	149.08	159	ePKP	25 10.90	4.7X
			e	25 15.40	
RDJ	149.22	160	ePKP	25 23.20	16.9X
ANG	149.26	67	ePKP	25 10.58	4.1X
BPA	149.27	67	ePKP	25 09.60	3.0X
PAG	149.71	69	ePKP	25 11.30	4.0X
BBL	150.03	70	ePKP	25 13.20	5.5X
MGG	150.08	69	ePKP	25 12.02	4.3X

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DEG   150.21  68 ePKP  25 08.92   0.9
TCE   150.66  79 ePKP  25 12.88   4.2X
TPP   150.99  80 ePKP  25 15.29   6.1X
TRN   151.00  79 ePKP  25 14.61   5.4X
TBH   151.35  80 ePKP  25 15.78   6.0X
TPR   151.55  78 ePKP  25 15.37   5.3X
KIC   152.48 272 PKP   25 09.30  -2.1
LIC   152.76 272 PKP   25 10.00  -1.8
      Z  20s    15.00um          6.8Msz
TIC   152.76 272 PKP   25 09.70  -2.1
MBO   162.75 299 ePKP  25 04.60 -19.0X
      S.D. = 1.1  on 260 of 362 obs.
-----------------------------------
   FEB  27, 1992  20h 25m 56.52± 0.64s
    5.598 S ± 5.4km  147.354 E ± 9.6km
   DEPTH = 204.7 ±  4.7 km
   4.9mb ( 15 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

LAT     1.11 199 eP    26 27.20  -0.5
YYYY    1.52 245 iPc   26 31.50   0.2
MDG     1.60 282 iPc   26 32.60   0.8
MNDI    3.72 261 eP    26 56.00   0.3
                eS     27 39.00
PMG     3.79 183 eP    26 55.00  -1.4
                eS     27 40.00
MTN    17.55 245 iPd   29 49.10  -0.8
ASPA   22.15 214 iPc   30 38.00   1.7
       0.5s   102.70nm          5.6mb
                eS     34 27.50
DZM    24.68 133 iPd   31 01.60   1.1
MBL    30.83 237 iPd   31 55.20  -0.4
       0.5s    40.00nm          5.4mb
FORR   30.96 213 eP    31 56.70   0.2
COOL   35.19 221 iPd   32 33.10   0.1
       0.3s     9.00nm          4.9mb
MRWA   37.81 228 eP    32 55.00   0.1
       0.4s    17.00nm          5.0mb
KLB    37.90 223 iPd   32 55.90   0.3
       0.4s    32.00nm          5.3mb
BAL    38.06 225 eP    32 57.00   0.0
MUN    39.20 224 eP    33 07.00   0.7
MAT    42.78 349 eP    33 36.00   0.4
       1.1s    24.05nm          4.6mb
NJ2    46.24 326 Pd    34 04.20   1.1
       0.8s    40.00nm          4.9mb
WHN    47.85 321 Pc    34 17.00   1.4
       1.0s    18.00nm          4.4mb
TIA    50.32 328 Pd    34 33.90  -0.5
       1.0s    44.00nm          4.9mb
CN2    53.00 340 eP    34 54.00  -0.2
XAN    53.60 320 Pc    34 58.50  -0.4
       1.0s    11.00nm          4.4mb
BJI    53.73 330 eP    34 59.00  -0.6
       1.0s     7.00nm          4.2mb
CD2    55.25 314 eP    35 10.40  -0.5
HHC    56.68 328 eP    35 21.20   0.3
       0.8s    23.00nm          4.9mb
BTO    57.33 327 eP    35 25.50   0.0
LZH    58.14 319 Pc    35 32.50   1.2
       1.4s    40.00nm          4.9mb
     Z  22s     5.92um          5.7Msz
     E  15s     2.06um
GTA    62.66 320 P     36 02.00   0.3
       1.0s    25.00nm          5.0mb
GUN    67.94 303 P     36 35.40  -0.6
       0.4s    14.00nm          5.0mb
PKI    68.23 302 P     36 36.80  -0.9
KKN    68.41 303 P     36 37.60  -1.1
DMN    68.49 302 P     36 38.60  -0.7
GKN    69.01 303 P     36 41.40  -0.9
WMO    72.72 319 P     37 05.00   1.0
GEC2  121.78 326 PKP   44 26.20  -1.5
KIC   152.24 273 PKP   45 31.30   8.1X
LIC   152.52 273 PKP   45 32.00   8.5X
      S.D. = 0.8  on  34 of  36 obs.
-----------------------------------
%  FEB  27, 1992  21h 04m 18.69± 0.86s
   46.654 N ± 8.4km    9.773 E ± 6.8km
   DEPTH =  10.0km  (geophysicist)
 SWITZERLAND                      (544)

OSS     0.26  83 iPd   04 24.00  -0.2
VOL     0.27 231 iPc   04 24.90   0.5
LLS     0.57 292 ePc   04 28.80  -1.7
TMA     0.83 229 ePd   04 34.80  -0.1
ZLA     1.26 312 ePc   04 42.60   0.5
MMK     1.39 245 ePd   04 44.30   0.0
FEL     1.71 316 ePn   04 49.85   1.0
DIX     1.73 252 ePd   04 54.00   4.7X
      S.D. = 1.1  on   7 of   8 obs.
-----------------------------------
*  FEB  27, 1992  21h 08m 09.17± 1.58s
    6.285 S ±16.5km  155.870 E ±20.7km
   DEPTH = 244.7 ± 16.1 km
   4.9mb (  8 obs.)
 SOLOMON ISLANDS                  (193)

RAB     4.23 299 eP    09 16.00   0.0
                e(S)   09 51.00
DZM    18.73 148 iPd   12 11.90  -0.2
QLP    23.03 207 iPc   12 54.00  -0.3
       0.7s    91.00nm          5.4mb
                i      13 10.00
ARMA   24.34 189 iPd   13 07.30   0.7
       0.5s    20.00nm          4.9mb
                i      13 49.00
CMS    26.78 199 iPc   13 28.20  -0.4
                e      14 32.00
BWA    28.84 193 eP    13 46.90  -0.2
                i      14 23.60
CAN    29.58 191 eP    13 53.80   0.2
                e      14 31.80
BFD    33.06 200 iPc   14 23.80   0.0
       0.4s    12.00nm          4.9mb
                i      14 50.00
CHTO   61.38 295 eP    18 02.00   0.0
       1.0s     7.50nm          4.3mb
GUN    75.50 301 P     19 33.20   4.2X
       0.6s    22.00nm          5.1mb
PKI    75.81 300 P     19 34.60   3.8X
KKN    75.98 301 P     19 36.20   4.6X
       0.6s    17.00nm          5.0mb
DMN    76.08 300 P     19 36.40   4.2X
       0.6s    19.00nm          5.0mb
GKN    76.59 301 P     19 39.40   4.6X
       0.6s    16.00nm          4.9mb
BUL   121.88 242 iPKPc 26 45.50   8.8X
      S.D. = 0.4  on   9 of  15 obs.
-----------------------------------
*  FEB  27, 1992  21h 08m 34.64± 1.35s
    6.383 S ± 6.6km  147.447 E ±11.1km
   DEPTH =  47.6 ± 11.4 km
   5.0mb (  9 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

LAT     0.52 239 eP    08 45.80  -0.2
YYYY    1.48 275 eP    09 04.70   5.3X
MDG     2.01 304 eP    09 11.50   4.8X
PMG     3.02 186 eP    09 21.00  -0.1
                eS     10 03.00
MNDI    3.77 273 eP    09 38.00   5.9X
                eS     10 38.00
MTN    17.32 247 eP    12 35.40   0.7
RMO    20.03 177 iPd   12 35.80 -30.7X
                i      13 10.00
KNA    20.54 242 eP    13 10.90  -0.9
BRS    21.50 167 iPd   13 20.50  -1.0
       0.8s    14.00nm          4.4mb
ASPA   21.56 216 eP    13 22.30   0.1
       1.0s    65.40nm          5.0mb
                eS     17 18.10
DZM    24.08 132 iPd   13 47.70   0.7
PCI    28.08 280 ePc   14 25.10   1.1
       1.1s     5.50nm          4.1mb
                e      17 30.50
FORR   30.36 214 eP    14 44.00  -0.3
       0.3s    25.00nm          5.4mb
MBL    30.50 238 eP    14 47.00   1.3
COOL   34.67 222 eP    15 21.50  -0.5
MRWA   37.36 229 eP    15 45.20   0.5
       0.6s    21.00nm          5.2mb
KLB    37.40 224 eP    15 45.00   0.0
       0.3s    16.00nm          5.4mb
BAL    37.58 226 eP    15 46.00  -0.5
MUN    38.70 225 eP    15 56.00   0.1
IIDJ   42.60 348 P     16 29.60   1.7
CHJJ   42.95 350 P     16 32.60   1.9
TSRJ   43.07 346 P     16 32.70   1.0
MAT    43.57 349 (P)   16 34.00  -1.7
       0.8s    11.94nm          4.7mb
MTMJ   43.69 349 P     16 38.10   1.3
NIIJ   44.11 350 P     16 39.30  -0.7
SSE    44.94 327 P     16 46.00  -0.8
NJ2    46.94 326 P     17 02.00  -0.7
IPM    47.61 282 ePd   17 08.90   0.6
WHN    48.51 321 eP    17 17.50   2.6
NNT    51.03 292 eP    17 52.20  17.7X
TIA    51.03 328 eP    17 33.60  -0.6
CHG    53.96 299 eP    18 02.30   6.0X
XAN    54.26 320 P     17 56.50  -1.8
BJI    54.45 331 eP    17 57.50  -2.0
TIY    54.67 326 eP    18 03.00   1.7
CD2    55.86 314 eP    18 12.20   2.2
HHC    57.39 328 eP    18 18.30  -2.5
LZH    58.79 319 eP    18 32.00   1.2
       1.5s    20.00nm          5.0mb
     Z  17s     2.11um          5.3MszX
     N  15s     0.89um
GTA    63.32 320 eP    18 59.00  -2.3
LSA    64.82 307 P     19 11.20  -0.5
YAK    69.56 351 eP    19 39.00  -1.4
       1.2s    30.00nm          5.1mb
HYB    72.01 291 eP    19 54.00  -2.1
QUE    85.02 301 eP    21 02.50  -4.5X
CLL   121.52 328 ePKP  27 24.00  -0.5
BCAO  129.12 271 ePKPc 27 40.10  -0.2
       0.8s     7.00nm
                ic     31 02.20
LPB   138.11 123 PKP   27 49.00  -8.7X
PPD   146.31 147 ePKP  28 12.20   0.8
VAO   147.57 155 ePKP  28 14.00   0.5
KIC   152.36 272 PKP   28 21.20   0.3
LIC   152.64 271 PKP   28 21.60   0.3
TIC   152.64 272 PKP   28 21.70   0.4
      S.D. = 1.3  on  43 of  51 obs.
-----------------------------------
?  FEB  27, 1992  21h 10m 59.86± 1.06s
   40.901 N ± 7.8km   23.633 E ±10.1km
   DEPTH =  10.0km  (geophysicist)
 GREECE                           (364)
      MD 1.8 (THE).

SRS     0.22 352 ePg   11 04.52  -0.1
                eSg    11 08.76
SOH     0.23 250 ePg   11 04.64  -0.1
                eSg    11 07.84
KNT     0.61 295 ePg   11 12.40   0.1
                eSg    11 21.48
OUR     0.62 155 ePg   11 12.44   0.0
      S.D. = 0.2  on   4 of   4 obs.
-----------------------------------
*  FEB  27, 1992  21h 15m 01.32± 2.11s
   54.954 N ±22.0km  160.157 W ±10.6km
   DEPTH =  57.1 ± 12.2 km
   4.0mb (  4 obs.)
 ALASKA PENINSULA                 ( 12)

SDN     0.43 333 iPd   15 12.30  -0.1
KDC     5.10  54 eP    16 18.20   1.3
PDB     5.82  31 eP    16 28.22   1.2
SVW     6.62  19 eP    16 39.30   1.0
RSO     6.80  33 eP    16 41.22   0.3
TTA     8.28  13 eP    17 01.00  -0.3
PMS     8.43  37 eP    17 03.90   0.5
KLU     9.95  43 eP    17 22.98  -1.2
TOA    10.22  40 eP    17 25.20  -2.7
BALM   11.22  50 eP    17 40.27  -1.2
IMA    11.59  13 eP    17 46.30  -0.1
       1.0s     4.30nm          4.4mb X
YKA    24.35  53 eP    20 16.70   2.1
       0.7s     0.50nm          3.1mb
DAG    46.28  11 eP    23 22.00  -0.1
       0.7s     5.48nm          4.6mb
NB2    64.15   5 P     25 31.20  -0.2
       0.6s     1.90nm          4.3mb
GEC2   76.45   4 PKP   26 55.30   9.2X
       0.6s     0.54nm          3.7mb
GUN    80.04 305 P     27 06.60   0.2
KKN    80.42 305 P     27 08.40   0.1
GKN    80.54 306 P     27 09.00   0.2
PKI    80.55 305 P     27 09.00  -0.1
DMN    80.66 305 P     27 09.80   0.2
BUL   144.61 346 iPKPd 34 31.90  -1.1
      S.D. = 1.1  on  20 of  21 obs.
-----------------------------------
?  FEB  27, 1992  21h 51m 04.13±19.01s
   40.747 N ±65.0km   30.284 E ±115.km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                           (366)
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27a 21h

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EYL      0.21 208 iPg    51 08.70    0.0
HRT      0.47 279 iPg    51 13.70   -0.1
YLV      0.72 256 iPg    51 18.50    0.2
                  eSg    51 29.00
IZI      0.74 237 iPg    51 18.60   -0.1
     S.D. = 0.3  on   4 of   4 obs.
-----------------------------------------
&  FEB  27, 1992  22h 03m 01.00s
   36.765 N          121.493 W
   DEPTH =   6.0km
 CENTRAL CALIFORNIA                  ( 39)
      <BRK>. ML 3.8 (BRK), 3.8 (GS).
      Felt (III) at Spreckels.

SAO      0.04  90 iPd    03 02.03   -0.5
PRS      0.44 167 iPd    03 09.48   -0.4
LLA      0.47 108 iPc    03 10.17   -0.2
GCC      0.48 303 iPc    03 10.07   -0.6
ARN      0.58 357 iPd    03 12.65   -0.1
MHC      0.59 348 iPd    03 13.15    0.4
                  iS     03 22.00
STAN     0.84 320 eP     03 17.02   -0.6
PRI      0.91 133 iPc    03 18.48   -0.4
                  eS     03 35.26
PCC      1.02 316 iPc    03 19.29   -1.4
                  eS     03 33.27
BKS      1.26 332 ePc    03 22.73   -2.0
                  iS     03 42.91
PHAM     1.28 136 ePd    03 23.43   -1.7
PKEM     1.32 122 eP     03 25.58   -0.2
                  (S)    03 45.22
ZSP      1.33 333 iPd    03 24.04   -1.8
FRI      1.45  80 iPc    03 25.84   -1.9
CMB      1.54  35 eP     03 27.87   -1.3
                  eS     03 46.21
BCH      1.95 144 eP     03 32.24   -2.8
                  eS     04 03.71
ABL      2.66 135 eP     03 41.99   -3.3
ORV      2.79 360 iPc    03 46.67   -0.3
BONR     2.81  64 eP     03 46.86   -0.7
PPK      2.94  76 P      03 50.00    0.6
TMO      3.28  88 P      03 53.00   -1.2
KVN      3.52  49 (P)    03 57.92    0.4
                  eS     04 50.59
TNP      3.65  68 (Pn)   03 59.16   -0.2
                  eS     05 01.89
TMBR     4.10  85 P      04 05.00   -0.8
LSM      4.19  89 P      04 05.00   -2.0
       25 obs. associated
-----------------------------------------
?  FEB  27, 1992  22h 13m 34.48± 4.24s
   6.648 S ±36.4km  147.515 E ±44.5km
   DEPTH =  68.4 ± 12.7 km
   4.9mb (  3 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

LAT      0.51 269 iPd    13 45.80   -1.6
YYYY     1.59 285 eP     14 03.00    1.8
                  eS     14 28.70
PMG      2.77 187 iPd    14 18.00    0.6
                  eS     14 56.00
MNDI     3.86 277 eP     14 41.50    8.5X
QLP     20.07 189 iPc    18 05.00    0.1
        0.4s    43.00nm          5.1mb
ASPA    21.39 216 iPc    18 18.70    0.3
        0.4s    24.90nm          4.9mb
                  eS     22 12.60
ARMA    23.96 171 eP     18 44.20    0.5
        1.0s    16.00nm          4.4mb
MRWA    37.24 229 eP     20 41.00   -0.3
KLB     37.26 224 eP     20 40.20   -1.3
KIC    152.43 271 PKP    33 22.00    3.8X
     S.D. = 1.4  on   8 of  10 obs.
-----------------------------------------
?  FEB  27, 1992  23h 02m 10.74± 2.96s
   39.372 N ±20.2km   23.660 E ±21.0km
   DEPTH =  10.0km  (geophysicist)
 AEGEAN SEA                          (365)
      MD 2.5 (THE).

PAIG     0.55   2 ePg    02 22.60    0.6
                  eSg    02 32.80
OUR      0.99  14 ePg    02 29.04   -0.5
AGG      1.09 252 ePg    02 31.44    0.2
LIT      1.16 309 ePb    02 32.08   -0.3
     S.D. = 0.9  on   4 of   4 obs.
-----------------------------------------
   FEB  28, 1992  01h 12m 33.05± 0.88s
    5.036 N ± 4.3km  127.377 E ± 4.9km
   DEPTH = 114.1 ±  8.5 km
   5.3mb ( 35 obs.)
 PHILIPPINE ISLANDS REGION           (248)

DAV      2.71 319 ePc    13 16.90    0.8
        0.9s   1210.08nm
SWI      7.03 146 iPc    14 12.50   -2.4
TSM      9.50 266 ePd    14 49.30    0.9
BUNI    11.15 219 P      15 08.00   -2.3
        0.8s    23.00nm          5.0mb
KKM     11.16 276 ePd    15 12.10    1.6
TANI    11.60 224 P      15 16.80    0.5
        0.8s    22.00nm          4.9mb
BAG     13.12 330 eP     15 41.00    4.6X
YOMI    15.22 120 P      16 05.20    2.0
        1.0s     9.00nm          4.0mb X
MTN     18.15 168 eP     16 38.20   -1.1
        0.3s   108.00nm          5.6mb
KNA     20.70 176 iPc    17 07.00    0.9
        0.5s   125.00nm          5.5mb
PACI    23.47 241 P      17 34.40    1.0
        1.2s    18.00nm          4.4mb
KALI    23.94 240 P      17 36.80   -1.2
        1.0s    10.00nm          4.2mb X
KGM     24.20 264 ePd    17 42.00    1.6
        0.9s   121.50nm          5.4mb
PENI    24.55 245 P      17 44.80    1.1
        0.8s    10.00nm          4.3mb
WRA     25.75 165 P      17 54.50   -0.3
WB2     25.75 165 iPd    17 54.50   -0.4
        0.5s    69.30nm          5.4mb
IPM     26.26 270 ePd    17 59.00   -0.6
        0.9s   125.20nm          5.5mb
MBL     27.06 196 iPc    18 07.00    0.2
NNT     28.31 287 eP     18 17.80   -0.3
NST     28.77 294 eP     18 28.00    5.8X
AEKI    29.01 265 P      18 22.00   -2.6X
        0.8s    40.00nm          5.1mb
ASPA    29.23 168 iPc    18 25.80   -0.5
        0.3s    26.20nm          5.4mb
KHT     29.93 291 eP     18 32.00   -0.5
CHG     30.94 299 ePd    18 40.50   -0.9
        0.9s    38.03nm          5.1mb
                  e      25 21.90
MAT     32.89  16 (P)    18 57.00   -1.3
        0.7s     6.85nm          4.6mb
OLP     35.42 153 iPc    19 19.00   -1.0
        0.7s    61.00nm          5.6mb
FORR    35.69 179 eP     19 22.00   -0.2
        0.3s    41.00nm          5.8mb
COOL    36.21 189 iPc    19 26.60    0.0
BAL     36.88 195 iPc    19 33.90    1.7
        0.6s   152.00nm          6.0mb
KLB     37.56 194 eP     19 39.00    1.1
RMQ     37.56 148 eP     19 37.00   -1.0
                  e      21 56.00
STK     39.13 161 iPc    19 54.60    3.6X
        0.4s    35.60nm          5.5mb
SHL     39.65 305 iPd    19 55.00   -0.6
        0.8s   147.39nm          5.8mb
                  eS     25 47.00
CMS     40.36 155 iP     20 01.20    0.1
        2.2s     3.00nm          3.7mb X
BRS     40.51 144 iPd    20 02.00   -0.5
        0.5s    12.50nm          5.0mb
ADE     41.20 166 iPc    20 09.20    1.2
        0.6s    72.00nm          5.6mb
ARMA    42.21 148 iPc    20 16.70    0.2
        0.9s    40.00nm          5.2mb
BWA     43.99 155 iPd    20 32.50    1.7
BFD     44.31 163 iPd    20 34.00    0.7
        0.5s    15.00nm          5.0mb
CAN     45.00 155 eP     20 39.60    0.8
GUN     45.50 305 P      20 43.20   -0.1
PKI     45.76 304 P      20 44.80   -0.5
        0.7s    37.00nm          5.3mb
KKN     45.95 304 P      20 46.20   -0.5
DMN     46.02 304 P      20 47.80    0.5
        0.7s    58.00nm          5.5mb
GKN     46.55 304 P      20 50.80   -0.6
DZM     46.77 127 iPc    20 51.90   -1.2
HYB     49.30 289 iPc    21 21.80    9.1X
        0.8s    23.10nm          5.1mb
                  e      21 36.00
                  e      21 45.50
                  e      22 06.50
KOD     49.70 279 eP     21 14.60   -1.5
YAK     56.88   1 iPd    22 07.00   -0.9
        0.8s   177.00nm          6.1mb
QUE     62.01 301 eP     22 43.10   -0.9
        1.0s   225.00nm          6.1mb
MAIO    69.24 307 iPc    23 30.20    0.3
SDN     75.74  34 eP     24 07.80    0.1
        0.7s   113.70nm          5.8mb
SVW     79.34  29 ePc    24 28.90    1.5
        0.8s    48.50nm          5.4mb
TTA     79.45  27 ePc    24 28.70    0.6
        1.2s    33.10nm          5.0mb
PDB     79.85  30 eP     24 29.67   -0.4
KDC     80.49  32 eP     24 34.40    0.9
BRW     80.74  18 eP     24 36.30    1.7
IMA     80.94  24 ePc    24 36.90    0.9
        1.0s    35.60nm          5.1mb
SLKM    81.90  30 iP     24 39.81   -1.1
PMR     82.50  29 ePc    24 44.30    0.4
        0.9s    38.90nm          5.3mb
RND     82.73  27 iP     24 44.26   -1.0
FBA     83.27  25 eP     24 47.90    0.0
TOA     83.92  28 ePc    24 52.90    1.6
KLU     84.03  29 iP     24 51.71   -0.2
BALM    85.77  29 iP     25 01.28    0.7
OBN     86.35 325 eP     25 03.00   -0.4
        1.5s    50.00nm          5.3mb
                  e      25 24.00
                  e      25 35.00
MBC     90.54  13 eP     25 23.00    0.1
KAF     90.74 333 eP     25 23.20   -0.9
NUR     91.88 331 eP     25 28.10   -1.2
VRI     93.80 317 eP     25 42.00    3.5X
MLR     94.41 316 eP     25 41.00   -0.5
DAG     96.07 353 eP     25 48.00   -0.3
YKA     98.05  24 eP     25 56.60   -0.9
        0.7s     1.40nm          4.6mb
GEC2   101.47 322 Pdiff 26 15.10    1.8
        0.9s     0.77nm          4.4mb
KIC    130.88 283 PKP    31 33.10   -0.6
RFA    146.98 156 iPKP   32 05.30    3.1X
MDZ    148.43 153 e(PKP)32 08.70    4.1X
RTCB   149.62 152 iPKPd 32 12.00    5.5X
RTLL   149.91 152 ePKPd 32 11.50    4.6X
LPB    161.00 128 PKP    32 28.00    6.0X
     S.D. = 1.0  on  69 of  80 obs.
-----------------------------------------
&  FEB  28, 1992  01h 15m 55.03s
   33.986 N          118.676 W
   DEPTH =  13.9km
 SOUTHERN CALIFORNIA                 ( 43)
      <PAS-P>. ML 2.4 (PAS), 2.4 (GS).

SCY      0.22  57 iPd    15 59.59   -0.5
                  S      16 03.05
DHB      0.24  83 eP     16 00.08   -0.4
                  S      16 03.86
TWL      0.30  13 eP     16 00.85   -0.7
                  S      16 04.87
PVPS     0.30 131 eP     16 01.49   -0.1
                  S      16 05.99
GFP      0.34  65 iPd    16 01.24   -0.9
                  S      16 05.94
PVRC     0.34 132 eP     16 01.78   -0.6
FMA      0.42 130 eP     16 04.26    0.5
CIW      0.53 169 ePd    16 04.92   -0.6
MWC      0.57  65 eP     16 05.25   -1.1
                  S      16 13.37
CIS      0.62 158 eP     16 06.79   -0.4
PEM      0.69  75 Pc     16 07.58   -0.8
VPD      0.78 102 eP     16 09.74   -0.1
SSK      0.85  74 eP     16 10.25   -0.9
                  eS     16 23.26
PEC      1.26  94 eP     16 16.38   -1.8
                  eS     16 32.88
PLM      1.64 112 eP     16 23.26   -0.4
                  eS     16 44.29
       15 obs. associated
-----------------------------------------
%  FEB  28, 1992  01h 18m 45.17± 0.68s
   40.536 N ± 5.8km   23.575 E ± 6.4km
   DEPTH =  10.0km  (geophysicist)
 GREECE                              (364)
      MD 2.2 (THE).

SOH      0.33 330 ePg    18 52.28    0.2
```

```
                    eSg    18 56.60
OUR      0.37 123 ePg    18 53.24    0.5
                    eSg    18 57.72
THE      0.47 282 ePg    18 54.44   -0.4
                    eSg    18 59.44
SRS      0.58   1 ePg    18 57.04    0.1
                    eSg    19 05.00
PAIG     0.61 172 ePg    18 56.44   -1.1
                    eSg    19 02.96
KNT      0.81 321 ePg    19 00.56   -0.3
                    eSg    19 10.44
LIT      0.94 243 ePg    19 04.36    1.3
                    eSg    19 14.96
GRG      0.99 296 ePg    19 03.44   -0.5
                    eSg    19 18.20
     S.D. = 0.8  on   8 of   8 obs.
-----------------------------------------
&  FEB  28, 1992  02h 59m 49.80s
   36.205 N          120.820 W
   DEPTH =   9.0km
 CENTRAL CALIFORNIA                  ( 39)
     <BRK>. ML 2.6 (BRK), 2.9 (GS).

PRI      0.14 117 iPc    59 53.28    0.2
                    eS     59 55.95
LLA      0.42 346 iPd    59 58.24   -0.2
                    eS     00 04.40
PRS      0.46 286 iPd    59 58.54   -0.6
                    eS     00 05.86
PHAM     0.50 137 eP     59 59.79   -0.2
PKEM     0.59 104 eP     00 02.26    0.5
                    eS     00 11.32
SAO      0.75 318 iPc    00 03.57   -1.0
BCH      1.18 149 ePn    00 11.10   -0.9
                    iPg    00 12.73
                    eS     00 25.49
FRI      1.19  48 iPd    00 10.49   -1.6
                    eS     00 25.18
GCC      1.25 311 iPd    00 11.84   -1.4
                    eS     00 29.29
ARN      1.28 334 ePn    00 12.32   -1.3
                    iPg    00 14.42
                    eS     00 32.97
PCC      1.80 316 eP     00 18.95   -2.2
CMB      1.86  11 eP     00 20.90   -1.2
ABL      1.88 136 ePn    00 20.50   -2.1
                    eS     00 45.16
BONR     2.67  48 ePn    00 33.15   -0.8
                    eS     01 10.42
SSK      3.24 127 (Pn)   00 39.58   -2.4
ORV      3.39 351 eP     00 42.99   -0.9
                    eS     01 22.98
TNP      3.43  56 (Pn)   00 44.51   -0.3
                    eS     01 34.84
PEC      3.79 126 ePn    00 47.80   -1.8
PLM      4.32 130 (Pn)   00 55.34   -2.1
       19 obs. associated
-----------------------------------------
   FEB  28, 1992  03h 09m 59.76± 0.64s
   46.674 N ± 5.4km     9.554 E ± 5.6km
   DEPTH =  10.0km  (geophysicist)
 SWITZERLAND                         (544)
     ML 2.5 (FUR), 2.1 (LDG).

VDL      0.20 197 iPc    10 04.40    0.2
OSS      0.41  88 iPc    10 07.50   -0.6
LLS      0.43 297 ePd    10 07.00   -1.6
TMA      0.74 220 iPd    10 14.10   -0.3
ZLA      1.13 316 ePc    10 22.60    1.6
MMK      1.26 241 ePd    10 23.00   -0.4
SLE      1.31 327 ePc    10 24.10    0.1
FEL      1.60 319 ePn    10 28.01   -0.2
DIX      1.60 249 ePc    10 29.70    1.3
FUR      1.90  37 ePn    10 33.10    0.6
EMS      1.91 253 ePd    10 37.10    4.2X
BSF      2.21 303 Pg     10 43.20    6.1X
                    Sg     11 09.00
LPG      2.28 240 Pn     10 42.00    3.7X
LPL      2.28 240 Pn     10 42.20    4.0X
CDF      2.33 319 Pn     10 38.10   -0.7
                    Pg     10 45.10
                    Sn     11 04.60
                    Sg     11 12.50
     S.D. = 1.0  on  11 of  15 obs.
-----------------------------------------
&  FEB  28, 1992  03h 29m 19.40s
   36.203 N          120.815 W
   DEPTH =   8.0km
 CENTRAL CALIFORNIA                  ( 39)
     <BRK>. ML 3.1 (BRK), 3.6 (PAS),
     3.5 (GS).

PRI      0.14 117 iPc    29 24.36    1.8
LLA      0.43 346 iPd    29 27.75   -0.3
PRS      0.47 286 iPd    29 29.67    0.8
PHAM     0.50 137 eP     29 30.66    1.2
PKEM     0.59 104 (P)    29 33.28    2.0
                    eS     29 43.09
SAO      0.76 318 eP     29 33.61   -0.8
BCH      1.18 149 (P)    29 39.61   -2.0
                    eS     29 58.51
FRI      1.19  48 iPc    29 40.92   -0.8
GCC      1.26 311 eP     29 42.78   -0.2
                    eS     30 00.54
ARN      1.28 333 eP     29 43.38    0.0
PCC      1.80 316 iPd    29 49.84   -1.1
CMB      1.86  11 eP     29 51.86    0.0
ABL      1.87 136 eP     29 50.60   -1.6
ISA      1.98 105 eP     29 53.40   -0.2
BKS      2.02 326 eP     30 03.50    9.4
ZSP      2.09 327 eP     29 55.10    0.0
PPK      2.63  62 eP     30 03.50    0.4
BONR     2.66  48 ePn    30 05.21    1.5
                    eS     30 43.45
LCH      2.75  67 eP     30 04.80    0.1
SVP      2.85  57 eP     30 07.30    1.0
SBB      2.87 121 eP     30 06.00   -0.4
PANV     3.01  85 eP     30 08.30   -0.1
SGV      3.14  75 eP     30 10.30    0.0
OSM      3.21  93 eP     30 10.90   -0.1
SSK      3.24 127 ePn    30 10.96   -0.7
ORV      3.39 351 eP     30 13.97    0.3
TNP      3.43  56 (Pn)   30 15.60    1.1
                    ePg    30 21.39
                    eS     31 02.89
KVN      3.57  36 (P)    30 17.33    1.0
                    eS     31 11.82
YMT3     3.59  79 eP     30 16.70    0.0
YMT6     3.61  78 eP     30 15.20   -1.7
LSM      3.70  80 eP     30 18.30    0.1
PEC      3.78 127 eP     30 18.29   -1.0
PLM      4.32 130 ePn    30 25.38   -1.7
ARUT     6.11  73 (Pn)   30 53.85    1.5
MSU      7.26  69 (Pn)   31 10.00    1.4
       35 obs. associated
-----------------------------------------
&  FEB  28, 1992  06h 11m 14.51s
   36.038 N          117.893 W
   DEPTH =   2.9km
 CALIFORNIA-NEVADA BORDER REGION ( 40)
     <PAS-P>. ML 3.1 (PAS), 3.3 (GS).

CLC      0.33 132 eP     11 20.80   -0.3
ISA      0.60 232 iPd    11 26.00   -0.5
PANV     0.74  61 P      11 28.40   -0.8
MCA      0.78  39 P      11 28.90   -1.3
OSM      0.83  95 P      11 30.00   -1.1
GVN      1.06  25 P      11 34.30   -0.9
FMT      1.08  56 P      11 34.50   -1.1
GSC      1.15 129 iPc    11 35.80   -1.0
SGV      1.17  36 P      11 36.20   -0.9
LCH      1.21   9 P      11 36.50   -1.3
PPK      1.39 360 P      11 40.00   -0.9
SDH      1.39  64 P      11 40.00   -0.9
YMT3     1.41  58 P      11 40.40   -0.7
MGM      1.44  13 P      11 41.00   -0.7
YMT5     1.44  53 P      11 41.00   -0.7
YMT6     1.45  55 P      11 41.00   -0.8
LSM      1.48  61 P      11 41.40   -0.8
JON      1.50  74 P      11 41.40   -1.1
TMBR     1.57  50 P      11 42.80   -0.7
ABL      1.61 223 eP     11 43.22   -0.9
SVP      1.68   3 P      11 45.10   -0.1
FRI      1.74 304 iPc    11 45.86    0.0
                    eS     12 08.31
PKEM     1.80 271 eP     11 46.47   -0.2
                    eS     12 10.39
SSK      1.83 175 eP     11 46.64   -0.7
                    eS     12 11.69
BONR     1.94 350 ePn    11 49.11    0.1
                    iPg    11 50.66
BCH      1.98 245 ePn    11 48.56   -0.8
                    ePg    11 49.68
                    eS     12 14.78
PHAM     2.04 265 eP     11 50.54    0.3
TNP      2.11  15 ePn    11 50.78   -0.6
                    iPg    11 53.76
                    eS     12 21.14
PEC      2.22 164 ePn    11 51.28   -1.6
                    iPg    11 55.82
                    iS     12 24.35
PRI      2.25 273 eP     11 54.73    1.4
LLA      2.53 284 eP     11 58.73    1.5
                    eS     12 30.21
PLM      2.81 162 ePnd   12 00.06   -1.3
                    iPg    12 06.36
CMB      2.82 316 ePd    12 04.29    2.9
PRS      2.83 277 eP     12 03.33    1.8
SAO      2.96 285 eP     12 04.05    0.8
ARN      3.20 295 eP     12 06.66   -0.1
ARUT     3.97  63 (Pn)   12 17.96    0.1
                    ePg    12 27.93
                    eS     13 23.12
MSU      5.19  60 P      12 37.00    1.8
       38 obs. associated
-----------------------------------------
   FEB  28, 1992  06h 41m 58.17± 0.45s
   38.954 N ± 4.6km    25.870 E ± 2.9km
   DEPTH =  10.0km  (geophysicist)
 AEGEAN SEA                          (365)
     ML 3.7 (ATH). MD 3.5 (THE).

PRK      0.43  47 iPbc   42 07.00    0.1
IZM      1.22 117 iPn    42 21.40    0.4
KGT      1.86  36 ePn    42 30.00   -0.3
ALN      1.95   4 ePn    42 30.94   -0.6
                    eSn    42 59.30
ATH      1.95 241 ePn    42 23.60   -8.1X
PAIG     1.95 301 ePn    42 32.58    0.9
                    eSn    43 01.94
OUR      2.01 314 ePn    42 32.42    0.0
EDC      2.07  47 ePn    42 33.00   -0.4
DST      2.24  72 iPn    42 35.80   -0.1
KCT      2.32  55 iPn    42 37.50    0.5
KDZ      2.72 353 iP     42 42.00   -0.6
SRS      2.78 322 ePn    42 43.18   -0.4
RZN      2.87 342 iPc    42 45.00    0.0
KHL      2.93 101 ePn    42 46.00    0.3
CTT      2.94  41 ePn    42 45.40   -0.4
MMB      3.10 329 iPd    42 48.00    0.0
IZI      3.11  62 iPn    42 48.50    0.3
YLV      3.14  58 ePn    42 48.40   -0.3
KNT      3.17 315 ePn    42 49.02   -0.1
DMK      3.21  26 ePn    42 49.70    0.1
VLI      3.22 227 ePb    42 49.10   -0.7
ISK      3.23  48 ePn    42 50.00    0.1
VAY      3.46 314 iPn    42 57.00    3.8X
HRT      3.47  56 ePn    42 53.40    0.1
KKB      3.60 325 eP     42 55.00   -0.2
PGB      3.82 341 eP     42 57.00   -1.3
VTS      4.16 332 eP     43 05.00    1.8
NAL      4.38  72 eP     43 06.00   -0.4
MLR      6.53   0 eP     43 38.00    1.2
     S.D. = 0.7  on  27 of  29 obs.
-----------------------------------------
%  FEB  28, 1992  06h 45m 08.60± 1.03s
   40.461 N ± 8.2km    23.119 E ±10.0km
   DEPTH =   5.0km  (geophysicist)
 GREECE                              (364)
     MD 1.0 (THE).

THE      0.21 326 ePg    45 12.22   -0.6
                    eSg    45 15.06
SOH      0.40  26 ePg    45 17.06    0.4
PAIG     0.69 141 ePg    45 22.22   -0.1
KNT      0.72 347 ePg    45 22.58   -0.4
                    eSg    45 32.86
GRG      0.74 312 ePg    45 24.06    0.7
     S.D. = 0.8  on   5 of   5 obs.
-----------------------------------------
?  FEB  28, 1992  06h 52m 59.26± 5.18s
   47.281 N ±11.6km     1.846 W ±50.1km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                              (538)
     ML 2.5 (LDG).

LPF      0.93  36 Pg     53 16.60   -0.3
                    Sg     53 30.50
GRR      1.29  31 Pg     53 22.90   -0.3
                    Sg     53 41.30
MFF      1.35 120 Pg     53 17.30   -6.8X
```

Sg 53 31.40
FLN 1.74 31 Pg 53 30.30 0.6
Sg 53 54.40
LDF 1.75 41 Pg 53 29.90 0.1
Sg 53 53.70
TCF 2.96 108 Pg 53 46.80 -0.3
Sg 54 21.90
RJF 3.06 129 Pg 53 48.20 -0.3
Sg 54 23.70
MAF 3.21 108 Pg 53 51.40 0.6
Sn 54 14.50
Sg 54 29.30
S.D. = 0.5 on 7 of 8 obs.

FEB 28, 1992 06h 59m 42.37± 0.54s
39.913 S ± 3.5km 174.040 E ± 4.8km
DEPTH = 160.5 ± 8.1 km
NORTH ISLAND, NEW ZEALAND (159)

BSZ 0.70 81 P 00 05.80 -0.4
DIW 0.89 186 Pd 00 06.90 -0.7
KIW 1.16 145 Pc 00 09.50 -0.3
RUZ 1.27 52 Pd 00 10.80 -0.1
S 00 29.80
MNG 1.31 123 P 00 11.20 0.0
S 00 28.70
TCW 1.31 172 P 00 11.40 0.3
eS 00 29.00
CNZ 1.37 59 P 00 11.70 -0.1
MRW 1.41 159 Pc 00 12.30 0.2
S 00 30.60
NGZ 1.41 59 P 00 12.20 -0.1
CAW 1.43 147 Pc 00 12.50 0.2
ORZ 1.47 231 Pc 00 12.30 -0.5
S 00 31.80
WEL 1.48 158 P 00 13.10 0.3
S 00 33.30
MOZ 1.53 23 Pd 00 13.20 -0.1
S 00 33.80
WDW 1.54 152 Pc 00 13.50 0.1
MTW 1.67 139 P 00 14.90 0.1
MOW 1.77 149 Pc 00 16.10 0.2
BLW 1.82 144 P 00 16.80 0.3
PGZ 1.85 113 P 00 16.90 0.1
AMW 1.91 137 P 00 17.90 0.4
THZ 2.04 205 Pd 00 19.40 0.4
S 00 44.90
WLZ 2.40 31 P 00 23.70 0.5
DSZ 2.50 222 Pd 00 24.80 0.3
KHZ 2.53 188 Pd 00 25.40 0.6
S 00 52.80
URZ 2.90 56 P 00 29.00 -0.4
S 01 03.20
LTZ 3.16 204 P 00 32.70 0.0
S 01 06.60
NOZ 3.36 69 P 00 34.90 -0.3
KUZ 3.43 23 P 00 37.10 1.0
S 01 16.10
MOZ 3.93 195 P 00 41.20 -1.4
S 01 22.30
HBZ 4.05 57 P 00 43.60 -0.6
EWZ 4.31 213 P 00 48.00 0.4
ODZ 5.71 205 P 01 05.80 -0.3
S.D. = 0.5 on 31 of 31 obs.

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* FEB 28, 1992 08h 26m 23.77± 1.56s
38.437 N ±16.6km 17.971 E ±11.5km
DEPTH = 10.0km (geophysicist)
SOUTHERN ITALY (390)

SOI 1.55 257 P 26 51.60 0.2
eSn 27 15.90
TDS 1.76 314 P 26 56.00 1.5
LCI 1.89 360 P 26 56.00 -0.4
eSn 27 22.20
ATN 1.99 263 P 26 57.10 -0.8
TPE 2.44 40 ePn 27 03.00 -1.2
BRT 2.51 347 P 27 04.50 -0.7
eSn 27 41.50
LSK 2.66 49 ePn 27 09.00 1.4
TIR 3.25 26 ePn 27 20.20 4.4X
OHR 3.45 38 ePn 27 25.30 6.7X
SDA 3.76 18 ePn 27 33.00 10.0X
SKO 4.42 36 ePn 27 37.70 5.3X
S.D. = 1.3 on 7 of 11 obs.

? FEB 28, 1992 08h 52m 39.44± 2.42s
40.888 N ±24.1km 28.715 E ±11.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

ISK 0.32 56 iPg 52 46.00 0.0
iSg 52 50.00
CTT 0.34 320 iPg 52 45.80 -0.6
HRT 0.73 95 iPg 52 53.70 0.0
eSg 53 05.00
DMK 1.18 323 ePg 53 02.10 0.7
eSg 53 17.10
S.D. = 0.9 on 4 of 4 obs.

FEB 28, 1992 09h 14m 09.12± 0.16s
24.369 S ± 3.8km 69.924 W ± 4.3km
DEPTH = 58.4km (geophysicist)
5.7mb (57 obs.)
NORTHERN CHILE (123)
Mo=1.6*10**18 Nm (PPT). Depth
from broadband displacement
seismograms.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=175 Dip=68 Slip= 60
NP2: 52 37 141
Principal Axes:
T Plg=56 Azm= 45
P 18 287
Comment: The focal mechanism is
poorly controlled and
corresponds to reverse
faulting with a moderate left-
lateral strike-slip component.
The preferred fault plane is
NP2.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 24S, 56C
Centroid Location:
Origin Time 09:14:15.1 0.2
Lat 24.21S 0.04 Lon 69.56W 0.03
Dep 77.4 2.7 Half-duration 3.2
Moment Tensor; Scale 10**17 Nm
Mrr= 0.43 0.13 Mtt=-2.28 0.23
Mff= 1.85 0.20 Mrt= 0.24 0.15
Mrf=-4.43 0.11 Mtf=-3.84 0.19
Principal Axes:
T Val= 6.74 Plg=33 Azm= 66
N -1.19 46 199
P -5.54 25 318
Best Double Couple:Mo=6.1*10**17
NP1:Strike= 99 Dip=47 Slip= 173
NP2: 194 85 43

CYA 5.49 139 iP 15 30.90 0.5
TLL 5.83 188 eP 15 30.50 -4.7X
RTCB 7.16 172 iPd 15 51.70 -2.0
ZON 7.23 172 eP 16 01.00 6.3X
CFA 7.36 169 ePd 15 53.70 -2.7
LPB 7.98 13 P 16 04.20 -1.2
Z 23s 21.97um
S 17 57.00
LR 18 45.00
ARE 8.00 349 iPd 16 02.50 -3.1X
iS 17 30.50
TCA 8.39 147 iPd 16 08.00 -2.7
MDZ 8.54 174 eP 16 10.10 -2.5
iS 17 54.30
MRA 8.83 156 eP 16 13.00 -3.6X
S 17 52.00
RFA 10.44 173 eP 16 33.00 -5.8X
NNA 13.95 331 eP 17 25.81 0.3
0.8s 23.88nm 4.9mb
eS 20 24.00
ITB1 14.15 94 e(P) 17 29.00 1.0
ITB 14.31 95 e(P) 17 39.00 8.9X
ITB7 14.33 96 e(P) 17 34.50 4.1X
LPA 14.79 138 eP- 17 51.00 14.8X
PPD 17.27 86 iPc 18 06.60 -1.2
VAO 21.07 91 iPc 18 48.50 -2.1
i 18 50.90 9kmX
BMA 23.68 91 eP 19 16.30 -0.1
e 19 18.50 8kmX
RDJ 24.50 92 eP 19 24.00 -0.2
i 22 39.60
BOG 29.10 351 eP 20 08.00 1.1
eS 24 56.00
FUO 29.89 352 eP 20 12.00 -1.9
SDV 33.06 359 eP 20 39.20 -2.3
TOV 33.95 0 eP 20 47.80 -1.3
UPA 34.45 343 iPd 20 54.80 1.5
CAR 34.78 5 eP 20 54.00 -2.3
AIA 41.04 176 eP 21 49.10 1.2
PORP 42.29 5 P 21 56.20 -2.4
CLLP 42.32 5 P 21 57.00 -1.9
LPR 42.60 6 P 21 58.30 -3.0X
OXX 48.79 325 (P) 22 52.80 2.1
IIT 51.23 325 (P) 23 12.50 3.1X
MRX 53.35 322 (P) 23 26.30 1.5
COLM 54.37 320 (P) 23 32.50 0.0
HBF 57.85 350 iP 23 56.02 -1.0
JSC 59.31 349 iPc 24 05.99 -1.2
epP 24 22.70 63kmX
PRM 59.32 348 iPc 24 05.90 -1.4
epP 24 22.12 61kmX
LHS 59.43 350 iPc 24 06.74 -1.2
SNA 59.75 159 iPd 24 07.00 -2.9X
1.0s 132.00nm 6.0mb
CEH 60.56 351 iPc 24 15.04 -0.6
1.1s 80.90nm 5.8mb
epP 24 28.64 49kmX
TKL 61.12 347 iPc 24 17.78 -1.8
epP 24 32.38 53kmX
GBTN 61.22 347 iPc 24 18.35 -1.9
PWLA 61.48 343 iP 24 19.58 -2.4
epP 24 34.40 54kmX
BLA 62.04 351 iPd 24 24.91 -0.9
0.9s 29.94nm 5.4mb
epP 24 41.61 63kmX
NAV 62.20 350 iPc 24 25.68 -1.2
epP 24 40.81 55kmX
CVL 62.53 352 ePc 24 28.68 -0.2
epP 24 46.59 68kmX
CBN 62.63 353 eP 24 29.00 -0.6
1.1s 34.00nm 5.4mb
OLY 62.94 340 eP 24 29.59 -2.1
LST 63.38 342 iP 24 33.20 -1.4
epP 24 48.66 57kmX
ELC 63.96 343 iPc 24 36.59 -1.8
epP 24 51.54 54kmX
VVO 64.22 337 iPc 24 38.70 -1.4
MBO 64.48 59 iPc 24 42.40 0.3
NVL 64.50 159 iPc+ 24 40.00 -1.6
1.2s 380.00nm 6.3mb
Z 17s 1.10um 5.1MszX
N 19s 1.00um
E 19s 1.00um
e 24 43.00
e 24 55.50
e 25 00.00
epP 25 09.00 118kmX
ePcP 25 19.00
e 25 58.00
e 26 03.50
e 26 09.50
e 26 17.00
e 26 27.00
e 27 00.00
ePP 27 10.00
e 32 44.00
eS 33 14.00
ePS 33 44.00
esS 34 04.00
eScS 34 20.00
e 35 44.00
LNO 64.75 337 iPc 24 42.10 -1.3
TUL 64.75 337 iPc 24 42.40 -1.1
0.8s 51.50nm 5.6mb
Z 22s 0.03um 3.4MszX
e 24 57.60 55kmX
e 33 15.00
LR 38 02.00
MEO 64.81 334 iPc 24 42.30 -1.7
FVM 64.94 342 iPc 24 42.91 -1.8
0.8s 116.88nm 5.9mb
epP 24 58.23 56kmX
LVNJ 65.00 356 iPc 24 44.18 -0.8
GMTN 65.04 356 iP 24 44.60 -0.6
PNJ 65.06 356 i(P) 24 44.50 -0.8
SPA 65.78 180 iPc 24 50.90 0.9
0.9s 114.55nm 5.9mb
Z 23s 2.87um 5.4MszX
HRV 66.56 359 eP 24 54.65 -0.3
eS 33 44.21
esS 34 08.55

ACO	66.70	335	iPc	24 55.60	-0.5
WVLY	66.98	353	ePc	24 57.13	-0.6
TYNO	67.75	352	P	25 01.25	-1.2
STCO	67.78	353	P	25 01.49	-1.1
ACTO	68.28	352	P	25 04.31	-1.5
WLVO	68.40	353	P	25 05.37	-1.1
ALO	68.40	328	ePc	25 07.7B	0.8
	1.1s	39.10nm			5.3mb
			epP	25 23.42	57kmX
ANMO	68.41	328	ePc	25 07.25	0.2
			epPd	25 22.48	55kmX
			iS	34 05.19	
			esS	34 30.58	
			eScS	35 01.75	
LIC	70.10	73	Pc	25 16.80	-0.7
Z	20s	1.05um			5.1Msz
TIC	70.30	73	Pc	25 18.30	-0.5
KIC	70.41	73	Pc	25 18.90	-0.6
	1.1s	61.00nm			5.4mb
			S	34 33.00	
GLA	71.35	321	eP	25 24.61	-0.2
			epP	25 40.48	57kmX
GOL	71.81	332	ePd	25 28.05	0.3
	1.0s	17.92nm			5.0mb
			epP	25 43.36	55kmX
BAR	72.15	320	eP	25 29.00	-0.6
PV09	72.54	329	eP	25 32.50	0.4
RUV	72.66	261	iP	25 49.50	16.6X
	1.0s	60.00nm			
PLM	72.74	320	eP	25 33.33	0.1
			epP	25 50.30	62kmX
TPC	72.82	321	eP	25 33.00	-0.5
VAH	72.87	261	iP	25 50.70	16.6X
	1.0s	80.00nm			
PMO	73.19	261	iP	25 52.90	16.9X
	1.0s	85.00nm			
PEC	73.30	320	eP	25 36.58	0.2
	1.2s	34.90nm			5.2mb
			epP	25 52.31	56kmX
RVR	73.50	320	eP	25 38.00	0.6
SRU	73.68	328	iPc	25 38.88	0.3
			ipP	25 54.52	56kmX
PPT	73.78	258	iP	25 56.80	17.4X
	1.0s	85.00nm			
SSK	73.84	320	eP	25 40.21	0.6
			ipP	25 55.67	55kmX
AFR	73.97	258	iP	25 57.70	17.2X
	1.0s	85.00nm			
MSU	74.03	327	iP	25 41.29	0.6
			epP	25 56.52	54kmX
MWC	74.06	320	eP	25 27.00	-13.9X
GSC	74.11	322	(P)	25 37.80	-3.2X
			iS	35 13.42	
			esS	35 40.18	
ARUT	74.12	325	ePc	25 42.33	1.2
			epP	25 58.25	57kmX
SBB	74.25	321	eP	25 42.00	0.1
CLC	74.93	322	eP	25 46.00	0.3
RSSD	74.98	335	P	25 46.00	-0.1
	0.9s	81.32nm			5.7mb
			pP	26 01.50	55kmX
DAU	75.05	329	ePc	25 47.06	0.4
			epP	26 02.93	57kmX
ABL	75.18	320	eP	25 47.91	0.5
			epP	26 03.54	56kmX
ISA	75.32	321	(P)	25 48.00	0.0
			eS	35 27.24	
			esS	35 54.55	
DUG	75.64	327	eP	25 50.33	0.5
	1.0s	24.71nm			5.1mb
CWC	75.64	322	eP	25 50.00	0.0
BCH	75.92	320	eP	25 52.37	0.9
			epP	26 08.12	56kmX
BW06	76.14	331	P	25 52.10	-0.6
	1.2s	35.96nm			5.2mb
			pP	26 08.50	59kmX
TNP	76.34	323	ePc	25 54.51	0.6
	1.3s	53.86nm			5.3mb
			epP	26 09.28	52kmX
CER	76.41	121	iPc	25 54.00	-0.3
	1.0s	264.00nm			6.1mb
PKEM	76.55	320	(P)	26 13.73	18.9X
PHAM	76.56	320	eP	25 55.94	1.0
			epP	26 11.40	55kmX
HVU	76.84	329	ePc	25 56.44	-0.1
			epP	26 12.05	56kmX
BONR	76.85	323	eP	25 57.90	1.1

			epP	26 13.70	56kmX
PRI	76.93	320	iPc	25 58.13	1.1
			epP	26 13.97	57kmX
FRI	76.96	321	eP	25 57.03	0.0
LLA	77.41	320	iPc	26 00.50	0.9
			epP	26 16.10	55kmX
PRS	77.47	320	ePc	26 00.81	0.9
PTI	77.49	329	eP	26 00.35	0.2
			ipP	26 16.57	58kmX
KVN	77.52	324	eP	25 59.92	-0.5
SUR	77.95	120	ePc	26 03.76	0.7
CMB	78.07	322	eP	26 03.33	0.1
			PcP	26 11.77	
			epP	26 20.81	63kmX
ARN	78.26	320	eP	26 04.97	0.7
			epP	26 20.79	56kmX
GCC	78.31	320	eP	26 05.38	0.9
			epP	26 20.86	55kmX
MHC	78.32	320	ePc	26 05.95	1.2
	1.1s	42.00nm			5.3mb
			epP	26 21.45	55kmX
			esP	26 44.00	
WIN	78.44	110	iPc	26 06.00	0.1
	1.2s	179.69nm			5.9mb
			i	26 27.50	81kmX
HPI	78.48	330	iP	26 06.55	0.9
			ipP	26 22.27	56kmX
ORV	79.75	322	iPc	26 13.18	0.9
NWRM	79.80	320	eP	26 13.23	0.7
			epP	26 28.69	55kmX
MIN	80.35	323	ePc	26 15.28	-0.4
LTCM	80.55	322	eP	26 17.05	0.5
			epP	26 34.08	61kmX
WDC	81.03	322	eP	26 18.31	-0.8
			epP	26 35.65	62kmX
LBFM	81.20	323	eP	26 20.22	0.0
			epP	26 36.50	58kmX
TIO	81.37	51	iPc	26 22.50	1.3
MAW	81.86	163	iPc	26 23.20	0.2
	1.0s	140.00nm			5.9mb
			iPP	26 42.00	
FHC	82.00	322	eP	26 25.71	1.6
	1.3s	56.31nm			5.4mb
			ipP	26 42.03	58kmX
FRS	82.53	119	iPc	26 26.30	-0.9
	0.8s	208.96nm			6.2mb
AVE	82.63	49	iPc	26 29.00	1.5
			i	26 51.00	82kmX
SES	82.85	335	iPc	26 28.50	0.1
	1.4s	131.00nm			5.7mb
			pP	26 45.00	59kmX
FFC	83.45	342	ePd	26 30.20	-1.0
	1.4s	78.00nm			5.5mb
VGB	83.51	327	iP	26 32.49	0.7
			epP	26 50.34	64kmX
NEW	83.75	330	P	26 32.30	-0.7
	1.1s	13.89nm			4.9mb
DPW	83.96	330	iPc	26 34.53	0.5
			ipP	26 50.86	58kmX
COR	84.16	325	(P)	26 36.33	1.3
			epPd	26 51.56	53kmX
			eS	36 57.24	
			esS	37 24.72	
IFR	84.32	49	iP	26 38.50	2.1
LON	84.89	327	eP	26 37.10	-1.6
			epP	26 54.79	63kmX
SEK	84.95	119	iPc	26 39.50	-0.2
	1.0s	105.00nm			5.9mb
RMW	85.38	328	eP	26 40.45	-0.7
			epP	26 56.40	56kmX
BMW	85.41	326	iPc	26 41.90	0.6
			ipP	27 00.22	66kmX
PRY	85.41	117	iPd	26 41.00	-1.1
	1.0s	50.00nm			5.6mb
EVAL	85.54	45	iPc	26 43.49	1.4
PNT	85.65	330	ePc	26 42.00	-0.4
	0.8s	32.00nm			5.5mb
EJIF	85.74	47	iPc	26 45.12	2.0
GMW	85.92	327	eP	26 43.55	-0.2
EPRU	86.18	47	iPc	26 46.96	1.6
SLR	86.57	117	iPc	26 46.00	-1.8
	1.0s	80.00nm			5.9mb
			i	26 56.00	31kmX
MAL	86.60	47	iPc	26 48.50	1.2
EHOR	86.65	46	iPd	26 48.72	1.1
MCW	86.72	328	iPc	26 48.10	0.4
			epP	27 04.18	56kmX

EPLA	87.39	44	iPc	26 51.86	0.7
ECOG	87.46	47	iPd	26 51.82	0.2
EBAN	87.80	46	eP	26 54.02	0.9
ERUA	88.09	41	eP	26 55.70	1.3
TOL	88.58	45	eP	26 55.60	-1.2
	1.1s	101.27nm			6.0mb
			esPd	27 19.85	
			eS	37 47.00	
EMON	88.59	40	eP	26 57.30	0.5
EVIA	88.91	46	iPc	26 58.29	-0.3
GUD	88.94	44	eP	26 59.17	0.5
CSY	89.63	180	iPKPc	27 02.30	0.9
			i	27 18.90	58kmX
ETOR	90.37	45	iPc	27 05.80	0.5
BCAO	90.40	85	iPc	27 06.40	0.4
	0.6s	53.00nm			6.1mb
			ic	27 20.40	47kmX
			ic	28 39.70	
			ic	30 38.40	
ECRI	91.04	43	iPc	27 09.01	0.7
KRI	91.53	109	iPd	27 30.00	18.7X
			iPP	30 59.00	
EGRA	92.20	44	eP	27 16.50	3.0
BTH	92.75	43	Pd	27 16.00	-0.1
			(pP)	27 34.00	64kmX
			eSKS	37 50.00	
			eS	38 11.00	
EPF	93.05	44	iPc	27 18.60	1.1
	1.3s	21.65nm			5.4mb
YKA	93.57	341	eP	27 18.10	-1.3
	0.7s	13.00nm			5.5mb
LFF	94.27	42	iPc	27 23.50	0.5
	1.1s	61.05nm			5.9mb
LPO	94.41	43	iPc	27 24.20	0.5
	1.3s	36.10nm			5.6mb
MFF	94.58	40	iPc	27 24.80	0.4
	1.2s	59.50nm			5.9mb
LPF	94.80	39	eP	27 25.20	-0.1
	1.1s	34.20nm			5.7mb
RJF	94.92	42	iPc	27 26.30	0.3
	1.2s	47.60nm			5.8mb
Z	20s	0.77um			5.2Msz
CAF	95.07	43	iPc	27 27.20	0.4
GRR	95.09	39	iPc	27 26.50	-0.2
	1.1s	24.40nm			5.6mb
LSF	95.40	41	iPc	27 28.30	0.1
	1.2s	35.70nm			5.7mb
FLN	95.49	38	iPc	27 28.50	0.0
	1.2s	47.60nm			5.8mb
Z	21s	0.50um			5.0Msz
LDF	95.61	39	iPc	27 29.00	-0.1
	1.0s	20.00nm			5.6mb
TCF	95.83	42	iPc	27 30.20	0.0
	1.3s	28.90nm			5.6mb
MAF	96.02	42	eP	27 31.20	0.2
	1.2s	26.80nm			5.6mb
AVF	96.77	42	iPc	27 34.40	0.1
	1.1s	24.40nm			5.6mb
SSF	96.99	41	iPc	27 35.20	-0.1
SMF	96.99	42	eP	27 35.60	0.2
	1.2s	50.60nm			5.9mb
LRG	97.11	45	iPc	27 37.20	1.3
	1.1s	48.85nm			5.9mb
LMR	97.15	46	iPc	27 37.10	0.9
	1.1s	39.05nm			5.9mb
LBF	97.23	42	iPc	27 36.40	-0.1
	1.1s	17.10nm			5.5mb
LOR	97.30	41	iPc	27 36.50	-0.3
	1.1s	24.40nm			5.6mb
Z	20s	0.73um			5.2Msz
FRF	97.34	45	eP	27 38.00	1.0
	1.3s	57.75nm			5.9mb
EKA	97.54	32	Pd	27 37.70	0.1
	1.6s	99.50nm			6.1mb
SBF	97.99	45	eP	27 40.80	0.8
	1.3s	104.70nm			6.2mb
LPL	98.27	44	iPc	27 42.60	1.2
	1.0s	20.00nm			5.6mb
PGF	98.45	47	iPc	27 43.10	0.9
DOU	99.04	39	P	27 45.10	0.6
SNF	99.05	38	P	27 45.30	0.8
HAU	99.13	41	eP	27 45.00	0.0
Z	20s	0.38um			4.9Msz
BSF	99.32	42	iPc	27 32.50	-13.5X
	1.2s	44.65nm			
CDF	99.87	41	eP	27 48.60	0.1
	1.0s	8.00nm			5.2mb

28a 09h

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MEM   100.08  39 Pdiff 27 48.80  -0.5X
VBY   103 76  46 ePdiff28 06.70   0.8
                 e     31 50.50
                 e(PS) 41 45.00
                 eSS   46 51.50
GEC2  103.95  43 Pdiffd28 06.20  -0.6
       1.1s     2.01nm          4.9mb
KHC   103.98  42 ePdiff28 08.50   1.7
                 e     29 08.50
                 e     31 41.50
PRU   104.87  42 ePdiff28 10.40  -0.3
NB2   106.86  30 PKP   32 44.60  15.5X
       1.4s    21.70nm
MLR   110.93  49 ePKP  32 38.00   0.6
KAF   114.12  31 iPKP  32 41.90  -1.0
       0.5s     3.80nm
OBN   119.00  39 iPKPd 32 52.00  -0.3
       1.0s    52.00nm
     Z  24s     0.90um          5.3MszX
                 e     33 12.00
                 i     37 43.20
                 i     38 07.00
                 LQ    09 08.00
ASPA  126.95 208 iPKPc 33 07.30  -1.4
       0.6s    26.50nm
                 i     33 24.50
                 iSKP  35 19.50
WB2   130.01 210 ePKP  33 13.60  -1.0
       0.5s    23.50nm
                 i     33 31.20
WRA   130.02 210 PKP   33 14.10  -0.5
       0.7s    13.30nm
MAIO  135.20  62 ePKP  33 11.00 -13.1X
                 e     35 52.00
YAK   140.08 346 ePKP  33 23.80  -8.4X
       1 3s    71.00nm
QUE   141.41  72 ePKP  33 28.00  -7.9X
       1.1s   398.73nm
                 e(PP) 36 38.30
POO   145.85  93 iPKP  33 43.20  -0.4
KUSJ  145.99 312 ePKP  33 42.40  -0.6
ASAJ  146.95 315 ePKP  33 45.40   0.9
KHKI  147.02 190 ePKPc 33 49.00   3.5X
                 e     36 43.00
HOOJ  147.23 311 ePKP  33 47.20   2.2X
KSH   147.60  54 PKPd  33 47.50   1.6
MRRJ  148.71 313 ePKP  33 51.00   3.6X
OFUJ  149.57 306 PKP   33 53.00   4.2X
HYB   149.80  97 iPKPc 33 49.70  -0.1
       1.0s   330.00nm
NDI   150.34  74 iPKP  33 49.50  -0.8
       0.8s   238.81nm
YAMJ  151.07 306 PKP   33 57.30   6.2X
KAKJ  151.57 302 ePKP  33 58.10   6.2X
NIIJ  152.16 304 PKP   33 59.40   6.7X
CHJJ  152.53 302 ePKP  33 59.90   6.6X
MAT   152.99 303 ePKP  33 54.00   0.0
WMQ   153.31  38 ePKP  33 54.50   0.2
     Z  28s     1.36um          5.6MszX
                 sPKP  34 15.10
WMQ   153.31  38 ePKP  34 02.35   8.1X
     Z  28s     1.36um          5.6MszX
                 ePKPab34 15.09
IIDJ  153.54 301 ePKP  34 02.80   8.0X
MDJ   154.30 327 ePKP  33 55.63   0.2
                 ePKPbc34 03.41
                 epP'df34 12.52
                 e     34 33.87
                 ePP   37 55.30
CN2   156.88 331 ePKP  33 58.60  -0.3
GKN   156 90  75 PKP   34 00.00   0.3
DMN   157.33  76 PKP   34 00.80   0.4
KKN   157.48  76 PKP   34 00.60   0.1
PKI   157.61  77 PKP   34 00.80   0.0
GUN   158.00  76 PKP   34 01.00  -0.3
IPM   158.48 155 ePKPd 34 02.10   0.4
SNY   159.28 330 PKPc  34 01.60  -0.1
LSA   162.33  68 iPKPc 34 07.18   1.3
                 e     34 24.39
                 iPKPab34 54.36
                 ePP   38 36.97
                 eHPP  38 38.79
DL2   162.51 329 ePKP  34 04.00  -1.1
     Z  20s     0.61um          6.2Msz
GTA   162.68  28 iPKPc 34 06.00   0.5
                 PKPab 34 55.00
                 SKKS  45 20.00
HHC   163.52 356 PKPc  34 07 50   1.2
                 sPKP  34 25.50
BJI   163.55 343 iPKPc 34 06.51   0.4
                 e     34 23.56
TIY   166.55 352 ePKP  34 09.40   0.5
     Z  26s     1.42um
     E  18s     0.72um
                 pPKP  34 27.00
                 PKPab 35 12.00
                 PP    38 58.00
TIA   166.73 334 PKPc  34 09.70   0.7
     Z  26s     1.16um          6.7Msz
LZH   167.14  23 ePKPc 34 10.89   1.3
     Z  30s     1.29um
                 ed    34 26.45
                 ePKPab35 14.62
                 PP    39 02.50
NST   167.27 131 ePKP  34 16.80   6.9X
SSE   168.10 307 PKP   34 10.60   0.5
     Z  20s     0.90um
                 pPKP  34 26.00
CHG   168.26 116 ePKPc 34 11.00   0.4
       1.4s    39.53nm
                 e     35 19.30
CHTO  168.26 116 iPKPc 34 10.62   0.0
                 ed    34 26.68
                 ePKPab35 18.73
                 eHP'ab35 19.23
                 i     35 42.00
NJ2   169.12 317 PKPc  34 11.50   0.8
                 pPKP  34 28.50
XAN   170.31   6 PKP   34 12.00   0.6
CD2   171.41  39 ePKP  34 13.20   1.2
                 pPKP  34 30.00
                 PKPab 35 34.00
                 PP    39 22.00
                 SKKS  46 06.00
WHN   172.77 329 PKP   34 14.00   1.5
     Z  24s     0.81um
                 pPKP  34 30.00
                 PP    39 28.00
QIZ   174.68 178 PKP   34 15.00   1.5
                 pPKP  34 32.00
GYA   176.28  55 PKP   34 14.00   0.2
     Z  36s     1.43um          7.1MszX
                 pPKP  34 30.00
                 PKPab 35 54.00
                 PP    39 50.00
                 SS    01 14.00
GZH   176.74 248 ePKP  34 16.00   2.2
     S.D. = 1.0  on 223 of 260 obs.
-----------------------------------
*  FEB  28, 1992  09h 14m 35.29± 0.95s
   34.162 N ±12.4km   25.986 E ±12.4km
   DEPTH =  33.0km  (normol)
   4.3mb (  4 obs.)
 CRETE                          (370)
      ML 4.1 (CSS).
ELL     4.11  50 iP    15 38.00   0.5
CSS     6.11  80 eP    16 07.50   1.8
                 eS    17 15.30
HLW     6.25 132 eP    16 09.75   2.1
                 e     17 18.00
KOT     6.51 129 eP    16 10.00  -1.3
VAY     7.64 340 ePn   16 26.00  -1.1
RMN     8.17 114 eP    16 33.80  -0.8
SAGI    8.33 116 eP    16 36.30  -0.5
                 eS    18 06.10
MBH     8.73 118 eP    16 41.60  -0.7
GEC2   17.28 332 P     18 36.70   1.1
       0.5s     0.92nm          3.2mb X
GRF    18.96 329 eP    18 57.10   1.0
       1.7s    22.00nm          4.1mb
OBN    22.21  16 eP    19 28.00  -2.1
       1.0s    21.00nm          4.5mb
DOU    22.36 322 P     19 31.60  -0.1
YKA    78.61 343 eP    26 32.50  -2.3X
       0.9s     1.70nm          4.1mb
FFC    80.83 332 eP    26 47.00   0.1
       0.8s    19.00nm          5.1mb
GUMO  105.01  62 ePKP  33 14.00  17.9X
                 e     33 57.50
                 e     37 53.00
     S.D. = 1.4  on  13 of  15 obs.
-----------------------------------
*  FEB  28, 1992  09h 18m 02.28± 2.12s
   50.428 N ±15.0km   18.729 E ±14.7km
   DEPTH =  10.0km  (geophysicist)
 POLAND                          (548)
      ML 3.5 (WAR), 3.5 (VIE).
RAC     0.49 225 eP    18 13.00   0.8
                 iS    18 19.40
KRA     0.86 115 ePg   18 16.00  -2.9X
                 iSg   18 26.50
SPC     1.58 141 iPn   18 20.10 -10.5X
                 i(Pg) 18 31.20
                 i(Sg) 18 51.40
                 Lg    18 53.50
KSP     1.61 286 ePn   18 31.50   0.7
ZST     2.47 206 ePn   18 41.80  -1.4
                 i     19 24.10
PSZ     2.62 163 ePn   18 45.50   0.0
SRO     2.63 186 i(Pn) 18 46.40   0.9
                 i     18 54.50
                 i     32 39.30
VKA     2.68 217 iPgd  18 51.70   5.5X
                 iSg   19 26.30
PRU     2.73 262 Pn    18 46.10  -0.8
                 e     18 51.60
BRG     3.08 280 iPg   19 00.00   8.2X
                 iSg   19 44.00
KHC     3.58 251 Pn    18 58.80  -0.2
       0.8s    19.10nm
                 Pg    19 07.10
                 e     19 44.40
                 Sg    19 54.00
                 e     20 05.00
CLL     3.73 286 ePg   19 15.00  13.8X
                 iSg   20 07.40
HOF     4.39 271 iPnc  19 42.90  32.4X
BHG     4.70 237 iPnc  19 29.90  14.9X
     S.D. = 1.1  on   7 of  14 obs.
-----------------------------------
&  FEB  28, 1992  09h 39m 26.18s
   63.288 N          151.029 W
   DEPTH =  13.6km
 CENTRAL ALASKA                   (  1)
      <AEIC>. ML 2.7 (AEIC).
KTH     0.27  10 iPd   39 31.82  -0.4
                 eS    39 36.46
TRF     0.37  64 iPc   39 33.90  -0.3
                 eS    39 39.88
HUR     0.71 116 ePd   39 39.63  -0.1
                 eS    39 49.40
CUT     0.95 158 iPd   39 44.11   0.1
                 eS    39 57.04
RND     0.99  82 ePc   39 44.67   0.0
                 eS    40 01.48
MCK     1.04  64 eP    39 46.05   0.6
                 eS    40 02.31
BWN     1.13  37 ePd   39 47.90   0.9
SKT     1.33 190 ePd   39 50.00  -0.4
                 eS    40 07.61
NEA     1.56  33 eP    39 52.46  -1.0
                 eS    40 15.64
PWA     1.73 161 eP    39 56.30   0.3
MLY     1.75   4 ePd   39 55.88  -0.5
                 eS    40 20.36
WRH     1.76  46 ePd   39 55.91  -0.6
                 S     40 21.93
GHO     1.81 146 eP    39 56.86  -0.4
SUA     1.84 176 eP    39 58.20   0.5
                 eS    40 23.16
PLRM    1.92 152 eP    39 58.88   0.2
PMR     1.92 152 eP    39 59.30   0.6
SML     1.94 139 eP    39 59.07   0.0
                 eS    40 25.69
NCG     1.96 196 ePc   39 59.44  -0.1
                 iS    40 25.00
CCB     1.97  45 ePd   39 58.43  -1.0
                 eS    40 27.53
CGLM    2.04 193 eP    40 02.33   1.7
MDM     2.08  35 ePd   39 59.96  -1.1
                 eS    40 30.62
CRP     2.10 195 eP    40 01.68   0.2
                 eS    40 30.90
HDA     2.13  56 eP    40 03.25   1.5
BGL     2.13 198 eP    40 02.47   0.6
CKN     2.14 195 eP    40 02.56   0.5
FBA     2.15  40 eP    40 04.00   1.8
PMS     2.16 161 eP    40 03.60   1.3
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SPU      2.17 193 iPc    40 02.74    0.3
CKL      2.19 197 ePc    40 03.42    0.7
KNK      2.23 146 eP     40 05.26    1.9
TTA      2.29 263 eP     40 08.70    4.5
GLM      2.34  41 eP     40 03.71   -1.1
TOA      2.53 116 eP     40 08.80    1.2
PAX      2.55  95 eP     40 08.88    1.1
SDG      2.62 104 eP     40 09.67    0.8
RDT      2.80 194 eP     40 11.47    0.0
DFR      2.82 197 eP     40 13.49    1.8
SLKM     2.82 172 eP     40 12.74    1.1
TZL      2.87 113 eP     40 13.17    0.8
REF      2.92 196 eP     40 14.01    0.8
RDW      2.94 197 eP     40 13.78    0.3
RS2      2.95 197 eP     40 15.29    1.6
RSO      2.95 197 eP     40 16.40    2.7
RS1      2.95 197 eP     40 16.56    2.9
KLU      2.98 125 eP     40 15.09    1.1
IMA      3.02 339 eP     40 13.90   -0.6
VZW      3.07 135 eP     40 16.90    1.8
SVW      3.07 227 eP     40 20.10    4.9
        48 obs. associated
-----------------------------------------
%  FEB  28, 1992  09h 57m 37.33± 0.84s
   40.640 N ±10.1km   22.994 E ± 5.9km
   DEPTH =  10.0km  (geophysicist)
 GREECE                              (364)
      MD 1.5 (THE).

THE      0.02 252 ePg    57 39.00   -0.3
                  eSg    57 39.60
SOH      0.33  56 ePg    57 44.00   -0.2
                  eSg    57 48.80
GRG      0.55 305 ePg    57 48.68    0.1
                  eSg    57 56.72
SRS      0.66  43 ePg    57 50.36   -0.1
OUR      0.81 112 ePg    57 53.32    0.3
     S.D. = 0.3  on   5 of   5 obs.
-----------------------------------------
%  FEB  28, 1992  10h 01m 25.28± 1.83s
   15.012 N ± 4.9km   60.680 W ±23.3km
   DEPTH =  33.0km  (normol)
 LEEWARD ISLANDS                     ( 92)
      ML 3.1 (FDF).

CRM      0.34 222 iPc    01 33.33   -0.3
                  S      01 37.40
MVM      0.50 205 iPc    01 36.49    0.6
FDF      0.53 239 iPc    01 36.14   -0.3
       0.1s     18.00nm
                  S      01 40.80
BIM      0.62 218 iPc    01 37.40   -0.2
                  S      01 45.10
MGG      1.09 326 eP     01 43.87   -0.4
                  S      01 59.90
DEG      1.34 344 eP     01 47.41   -0.5
DOG      1.36 318 eP     01 48.40    0.3
PAG      1.40 317 eP     01 49.00    0.3
                  S      02 06.00
SEG      1.60 330 eP     01 52.08    0.6
                  S      02 10.60
     S.D. = 0.5  on   9 of   9 obs.
-----------------------------------------
*  FEB  28, 1992  10h 05m 57.03± 2.14s
   38.555 S ±16.9km  175.404 E ±17.7km
   DEPTH = 225.2 ± 24.7 km
 NORTH ISLAND, NEW ZEALAND           (159)

URZ      1.37  78 P      06 31.60   -0.6
                  eS     06 53.50
MNG      2.06 178 P      06 38.40    0.0
                  S      07 04.50
NOZ      2.06  93 eP     06 39.10    0.7
KIW      2.34 189 P      06 41.20    0.0
DIW      2.52 207 P      06 43.30    0.2
CAW      2.56 186 P      06 43.60    0.0
MTW      2.60 178 P      06 43.80   -0.2
MRW      2.73 191 P      06 45.40    0.1
                  eS     07 17.90
WDW      2.73 187 eP     06 45.20   -0.2
AMW      2.76 174 P      06 45.80    0.1
TCW      2.79 198 P      06 46.40    0.3
BLW      2.81 179 eP     06 46.10   -0.2
MOW      2.87 182 P      06 46.70   -0.2
KHZ      4.11 200 P      07 02.20    0.6
LTZ      4.85 208 eP     07 10.90    0.1
MOZ      5.55 201 eP     07 18.80   -0.7
     S.D. = 0.4  on  16 of  16 obs.
-----------------------------------------
%  FEB  28, 1992  10h 10m 34.30± 0.82s
   42.288 N ± 6.0km   19.534 E ± 5.5km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION          (383)
      ML 1.5 (TTG).

TTG      0.25 305 iPgd   10 40.45    0.9
                  iSg    10 45.44
ULC      0.39 213 iPgd   10 42.26    0.0
                  iSg    10 48.90
PVY      0.45  47 iPgc   10 43.73    0.3
                  iSg    10 51.00
BDV      0.52 270 iPgd   10 44.86   -0.1
                  iSg    10 53.10
IVA      0.64  25 iPgd   10 46.93   -0.3
                  iSg    10 57.04
NKY      0.66 323 iPgd   10 47.08   -0.4
                  iSg    10 57.44
HCY      0.78 282 iPgc   10 49.31   -0.3
                  iSg    11 01.23
BRY      0.95 310 iPgc   10 52.41   -0.1
                  iSg    11 06.69
PLE      1.05 354 iPgc   10 54.03   -0.1
                  iSg    11 09.90
     S.D. = 0.5  on   9 of   9 obs.
-----------------------------------------
%  FEB  28, 1992  10h 38m 18.54± 1.04s
   38.657 N ± 6.1km   15.581 E ±16.5km
   DEPTH =  10.0km  (geophysicist)
 SICILY                              (398)

ATN      0.50 191 Pc     38 29.30    0.5
                  eSg    38 41.50
SOI      0.69 147 Pc     38 31.60   -0.6
                  eSg    38 45.10
ROI      1.19  40 P      38 41.30    0.5
CSI      1.25  26 P      38 42.00    0.3
MGR      1.48 359 Pc     38 44.50   -0.7
                  eSn    39 08.50
     S.D. = 0.8  on   5 of   5 obs.
-----------------------------------------
?  FEB  28, 1992  10h 40m 16.26± 5.29s
   20.193 S ±19.6km  178.349 W ±15.0km
   DEPTH = 402.8 ± 55.1 km
   4.5mb (  8 obs.)
 FIJI ISLANDS REGION                 (181)

WCZ     16.95 201 P      43 57.30    6.5X
KUZ     17.29 196 P      43 59.30    5.1X
WLZ     18.36 195 P      44 09.30    4.5
URZ     18.43 191 P      44 06.40    0.9
NOZ     18.63 189 eP     44 10.50    3.1X
RUZ     19.64 195 P      44 19.10    1.7
MNG     21.03 193 P      44 30.40   -0.4
QRZ     21.99 199 P      44 40.80    1.0
THZ     22.75 197 P      44 47.30    0.4
DSZ     23.05 199 P      44 49.60   -0.1
KHZ     23.19 195 P      44 50.00   -0.8
LTZ     23.87 197 P      44 55.70   -1.4
                  e      44 58.30
EWZ     24.95 199 P      45 05.10   -1.7
BWZ     26.17 199 P      45 16.00   -1.7
LRCZ    26.82 200 P      45 22.90   -0.8
SBCZ    26.85 200 P      45 23.00   -0.9
LSCZ    26.85 199 eP     45 22.40   -1.6
CMCZ    26.91 200 P      45 23.70   -0.8
TLC     27.02 200 P      45 24.70   -0.8
BCZ     28.14 201 P      45 36.20    1.0
ARMA    28.91 243 eP     45 44.00    1.7
        0.7s     15.00nm          4.4mb
QLP     34.84 252 iPc    46 34.00    1.2
        0.4s     43.00nm          5.1mb
STK     37.63 244 iPc    47 00.60    4.6X
        0.9s      4.90nm          3.8mb
ASPA    44.27 256 iPc    47 49.40   -0.4
        0.9s     23.40nm          4.5mb
                  eS     53 39.10
                  eScS   56 45.50
WB2     44.31 262 eP     47 49.30   -0.7
        0.4s     14.20nm          4.7mb
WRA     44.32 262 P      47 49.30   -0.8
        0.3s     13.40nm          4.8mb
FORR    49.08 246 eP     48 25.00   -1.6
SPA     69.93 180 iPc    50 46.30   -0.5
        0.8s     12.08nm          4.6mb
PLM     79.19  48 eP     51 49.00    9.5X
SBB     79.25  47 eP     51 39.00   -0.6
ISA     79.36  46 eP     51 41.00    0.9
CLC     80.03  46 eP     51 44.00    0.4
TPC     80.17  48 eP     51 43.00   -1.4
PNT     86.58  34 eP     52 16.00   -0.1
SES     91.82  36 eP     52 40.00   -0.4
YKA     96.37  25 eP     52 58.70   -2.2
        0.8s      0.60nm          3.8mb
EKA    144.73   5 PKPd   59 04.00   -2.9X
        1.0s      8.30nm
KRA    146.85 338 ePKP   58 48.60  -21.9X
KSP    147.30 343 iPKPd  59 11.20    0.0
CLL    147.69 347 iPKP   59 12.10    0.3
        1.0s     29.00nm
BRG    147.88 345 iPKP   59 12.40    0.3
        0.6s     12.00nm
                  i      59 17.20
MEM    149.45 355 PKP    59 16.50    2.0
GEC2   149.82 344 PKP    59 15.80    0.5
        0.6s      2.39nm
DOU    150.07 356 PKPc   59 18.10    2.6
     S.D. = 1.4  on  37 of  44 obs.
-----------------------------------------
?  FEB  28, 1992  11h 26m 51.25± 2.17s
   45.573 N ±19.4km   11.420 E ±12.2km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                      (545)
      ML 2.4 (VIE).

CTI      0.50  19 P      27 07.00    5.6X
                  eSg    27 13.80
SAL      0.63 273 P      27 04.50    0.6
                  eSg    27 12.50
MDI      1.22 280 P      27 13.10   -0.7
OGA      1.32 348 ePg    27 15.10   -0.7
FVI      1.39  42 P      27 16.50   -0.1
SOTA     1.65 355 iPgd   27 21.50    1.0
                  iSg    27 38.80
VAI      1.88 280 P      27 23.60   -0.1
                  eSn    27 43.80
KBA      2.01  41 eP     27 31.00    5.2X
                  eSg    27 59.00
     S.D. = 0.9  on   6 of   8 obs.
-----------------------------------------
?  FEB  28, 1992  11h 39m 27.23± 2.01s
   40.125 N ±24.6km   28.860 E ±31.6km
   DEPTH =  33.0km  (normol)
 TURKEY                              (366)

IZI      0.51  66 ePg    39 38.20    0.1
                  eSg    39 48.70
DST      0.55 199 ePg    39 38.60    0.0
                  eSg    39 48.10
YLV      0.59  41 ePn    39 39.20    0.0
EYL      1.09  66 ePn    39 46.20   -0.1
     S.D. = 0.1  on   4 of   4 obs.
-----------------------------------------
   FEB  28, 1992  11h 54m 46.42± 1.33s
   13.820 N ± 8.7km   92.195 W ± 5.6km
   DEPTH =  33.6 ±  9.4 km
   4.6mb ( 22 obs.)  4.6Msz (  2 obs.)
 OFF COAST OF CHIAPAS, MEXICO        ( 68)

TPX      1.08 357 iP     55 06.50    1.2
                  iS     55 27.50
PBJ      4.05 310 iP     55 35.00  -12.6X
OXX      5.44 307 iP     56 06.50   -1.0
IISM     7.15 317 (P)    56 31.50    0.1
LVVM     7.16 326 (P)    56 33.00    1.5
IIT      7.82 312 eP     56 41.00    0.0
ACX      7.99 293 (P)    56 41.50   -1.7
PPM      8.08 311 eP     56 44.00   -0.9
III      8.33 304 iP     56 47.00   -1.1
MRX     10.41 305 iP     57 16.50   -0.1
COLM    12.24 297 iP     57 41.00   -0.5
OLY     21.60   2 (P)    59 35.57    0.1
MEO     21.66 346 iPd    59 35.10   -1.0
VVO     21.66 352 eP     59 35.30   -0.8
PRM     22.06  22 eP     59 40.07    0.0
TUL     22.23 352 eP     59 40.80   -1.0
        0.7s     14.20nm          4.5mb
      Z  18s      0.02um          2.6MszX
                  eS     04 28.00
                  LR     11 05.00
LNO     22.23 352 eP     59 40.50   -1.2
JSC     22.65  24 eP     59 45.70   -0.2
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28d 11h

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LST     22.72   5 iP     59 46.93   0.4
GBTN    22.91  17 iP     59 49.26   0.8
LHS     23.01  25 eP     59 50.54   1.2
TKL     23.03  18 iP     59 49.80   0.2
ELC     23.52   6 iP     59 53.99  -0.3
ACO     23.62 346 iPc    59 55.50   0.1
ALQ     24.66 331 iP     00 06.73   1.0
        1.2s    11.61nm          4.3mb
CEH     24.93  26 eP     00 08.10   0.1
        0.7s    11.83nm          4.6mb
NAV     25.52  21 iP     00 13.20  -0.4
GOL     28.27 338 iP     00 39.41   0.4
        1.1s    10.54nm          4.4mb
PV09    28.80 332 eP     00 44.30   0.4
PLM     29.68 315 iP     00 52.03   0.3
SRU     29.94 331 iP     00 53.97   0.0
MSU     30.30 328 (P)    00 58.05   0.9
ARUT    30.44 325 iP     00 59.41   1.0
EMUT    30.63 331 (P)    01 00.56   0.4
DAU     31.31 331 iP     01 07.11   0.9
RSSD    31.85 344 P      01 10.00  -0.8
        0.9s    10.22nm          4.7mb
BW06    32.51 336 P      01 15.50  -1.1
        1.1s     8.93nm          4.6mb
TNP     32.82 322 eP     01 19.50   0.3
        1.1s     5.21nm          4.3mb
HVU     33.10 331 iP     01 22.20   0.6
BONR    33.39 321 iP     01 25.57   1.2
PTI     33.77 333 eP     01 27.57   0.1
HPI     34.76 333 eP     01 36.51   0.4
LRM     36.20 336 eP     01 49.00   0.8
LBFM    37.67 322 eP     02 00.85   0.3
LPB     38.42 141 P      02 13.00   5.7X
                eLR      16 20.00
SES     39.58 341 eP     02 17.00   0.8
NEW     40.07 334 P      02 20.00  -0.3
        1.3s    14.15nm          4.6mb
DPW     40.24 333 eP     02 22.11   0.4
LON     41.14 329 eP     02 29.76   0.6
PNT     41.95 333 ePd    02 37.00   1.4
        0.7s    14.00nm          4.8mb
MCW     42.97 330 eP     02 44.32   0.3
YKA     51.16 347 eP     03 47.20  -0.9
        0.8s    16.40nm          5.0mb
PMR     62.49 333 eP     05 11.00   2.3X
FBA     63.33 337 eP     05 13.38  -0.8
        1.0s    17.23nm          5.1mb
MBC     64.07 353 eP     05 19.00   0.1
SVW     65.26 331 eP     05 26.30  -0.6
TTA     65.97 333 iP     05 30.04  -1.4
        0.9s    14.31nm          5.1mb
IMA     66.05 337 eP     05 31.30  -0.7
        1.2s     5.30nm          4.5mb
DAG     72.85  13 eP     06 11.00  -2.4
EKA     78.22  36 P      06 43.00  -1.2
        0.9s     8.50nm          4.8mb
LPF     80.63  43 eP     06 56.40  -0.9
        0.8s     8.05nm          4.8mb
GRR     80.69  42 eP     06 57.00  -0.6
        0.7s     8.80nm          4.9mb
FLN     80.87  42 eP     06 58.00  -0.6
        0.7s     5.50nm          4.7mb
      Z 20s      0.28um          4.6Msz
LDF     81.13  42 eP     06 59.50  -0.5
        0.7s     4.40nm          4.6mb
LSF     82.70  44 eP     07 07.30  -0.9
RJF     82.89  45 eP     07 08.60  -0.6
      Z 21s      0.22um          4.5Msz
TCF     83.15  44 eP     07 09.80  -0.7
MAF     83.41  44 eP     07 11.20  -0.6
        0.7s     3.30nm          4.6mb
AVF     83.80  43 eP     07 12.90  -0.9
        0.7s     2.75nm          4.5mb
SSF     83.84  43 eP     07 13.20  -0.8
LOR     84.03  43 eP     07 14.50  -0.5
        0.7s     4.40nm          4.7mb
SMF     84.17  44 eP     07 14.70  -1.0
        0.8s     5.35nm          4.8mb
LBF     84.18  43 eP     07 14.90  -0.9
HAU     85.47  42 eP     07 22.00  -0.2
TIC     85.71  84 PKP    07 26.00   2.0
LIC     85.80  85 PKP    07 26.30   1.9
BSF     85.81  42 eP     07 23.50  -0.5
KIC     86.04  84 PKP    07 27.30   1.7
BUL    123.28 105 iPKPd  13 47.00   4.5X
        1.0s     4.50nm
GKN    138.31   4 PKP    14 12.00   1.0
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GUN    138.48   3 PKP    14 11.80   0.2
KKN    138.57   3 PKP    14 12.40   0.9
DMN    138.74   4 PKP    14 12.80   0.9
PKI    138.79   3 PKP    14 11.60  -0.5
CHG    145.77 341 ePKPc  14 24.80   0.7
        0.9s      8.40nm
HYB    147.65  17 ePKPc  14 30.00   2.9X
      S.D. = 0.9  on  81 of  86 obs.
-----------------------------------------
   FEB  28, 1992  12h 42m 02.24± 0.66s
   39.635 N ± 7.1km  118.275 W ± 5.5km
   DEPTH =   5.0km  (geophysicist)
 NEVADA                              ( 37)
      ML 3.0 (GS).

BONR     1.68 181 eP     42 32.03  -0.6
                  eS     42 52.83
TNP      1.76 152 ePn    42 34.13   0.4
                  iPg    42 35.32
                  iS     42 58.46
SVP      1.95 169 eP     42 36.00  -0.7
PPK      2.22 172 eP     42 41.50   1.0
MGM      2.27 164 eP     42 42.00   0.7
CMB      2.29 227 (P)    42 41.42   0.0
                  eS     43 05.85
ORV      2.49 269 ePn    42 43.12  -1.0
                  iPg    42 45.90
                  eS     43 14.43
TMBR     2.99 150 eP     42 51.50   0.1
LBFM     3.24 303 ePn    42 55.88   0.9
                  ePg    43 03.19
                  eS     43 47.42
LSM      3.29 151 eP     42 55.80   0.2
ARUT     4.21 114 ePn    43 07.12  -1.5
                  eS     44 41.79
DUG      4.24  81 e(P)   43 09.00   0.0
MSU      4.88 101 e(Pn)  43 18.91   0.6
      S.D. = 0.8  on  13 of  13 obs.
-----------------------------------------
*  FEB  28, 1992  12h 42m 23.33± 0.96s
   41.704 N ±14.2km   22.176 E ±10.7km
   DEPTH =   5.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION        (383)
      ML 2.3 (SKO). MD 2.5 (THE).

VAY      0.48 142 iPg    42 33.00   0.0
                  iSg    42 38.80
SKO      0.61 296 ePn    42 35.50  -0.1
GRG      0.77 167 ePg    42 38.88   0.2
                  eSg    42 42.48
KNT      0.77 135 ePg    42 38.32  -0.4
                  eSg    42 43.56
OHR      1.19 241 ePn    42 49.50   3.4X
SRS      1.22 118 ePg    42 46.68   0.2
SOH      1.25 134 ePg    42 46.56  -0.5
OUR      1.93 134 ePb    42 57.80   0.6
      S.D. = 0.5  on   7 of   8 obs.
-----------------------------------------
?  FEB  28, 1992  13h 10m 11.03± 2.89s
   39.676 N ±20.1km   28.953 E ±18.4km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                              (366)

DST      0.26 255 iPg    10 16.50  -0.1
                  iSg    10 20.50
KCT      0.73 321 iPn    10 25.30  -0.1
YLV      0.95  20 ePn    10 29.10   0.0
KGT      1.48 302 ePn    10 38.00   0.2
      S.D. = 0.3  on   4 of   4 obs.
-----------------------------------------
*  FEB  28, 1992  15h 10m 42.79± 1.60s
   39.362 N ±15.3km   20.640 E ± 9.3km
   DEPTH =  10.0km  (geophysicist)
 GREECE-ALBANIA BORDER REGION      (392)
      MD 2.5 (THE).

IGT      0.29 306 ePg    10 48.80  -0.1
                  eSg    10 48.90
AGG      1.36 104 ePb    11 07.64  -0.1
                  eSb    11 30.92
FNA      1.53  21 ePb    11 09.80  -0.4
LIT      1.61  62 ePb    11 12.04   0.7
                  eSb    11 34.68
OHR      1.75   4 ePn    11 14.20   0.8
GRG      2.09  40 ePn    11 17.36  -0.9
      S.D. = 0.9  on   6 of   6 obs.
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   FEB  28, 1992  15h 36m 08.99± 0.55s
   40.870 N ± 6.6km   27.739 E ± 4.6km
   DEPTH =  15.2 ±  8.6 km
 TURKEY                              (366)

EDC      0.53 170 iPg    36 20.00   0.5
                  eSg    36 28.00
CTT      0.59  62 iPg    36 20.60   0.1
KCT      0.78 143 iPg    36 23.20  -0.5
                  eSg    36 33.50
DMK      0.95   1 iPg    36 28.20   1.6
                  iSg    36 41.60
ISK      1.02  79 iPg    36 28.10   0.3
                  iSg    36 41.60
YLV      1.28 103 iPn    36 32.60   0.4
ALN      1.28 272 ePb    36 32.76   0.5
                  eSb    36 49.32
DST      1.43 151 iPn    36 35.50   1.1
HRT      1.46  91 ePn    36 35.00   0.2
SRS      3.15 276 ePn    36 58.56  -0.4
PAIG     3.24 254 ePn    37 02.52   2.3
SOH      3.33 271 ePn    37 01.24  -0.3
KNT      3.67 276 ePn    37 05.00  -1.4
      S.D. = 1.1  on  13 of  13 obs.
-----------------------------------------
   FEB  28, 1992  16h 37m 21.52± 0.96s
   48.751 N ± 4.4km   128.186 W ±10.3km
   DEPTH =  10.0km  (geophysicist)
   4.1mb (  3 obs.)
 VANCOUVER ISLAND REGION             ( 25)

EDB      1.32  31 P      37 46.08   0.2
OZB      1.79  82 P      37 52.03  -0.7
BTB      1.89  67 P      37 54.50   0.2
                  S      38 21.45
PHC      2.02  14 P      37 55.28  -0.7
CBB      2.25  54 P      38 00.24   1.0
MGB      2.32  83 P      37 59.30  -1.2
                  S      38 29.71
BBB      3.44   1 P      38 15.70  -0.4
MCW      3.55  89 eP     38 16.91  -0.8
GMW      3.81 106 eP     38 21.83   0.3
RMW      4.47 104 eP     38 33.24   2.4X
LON      4.74 113 eP     38 34.01  -0.8
SHW      4.78 120 eP     38 34.65  -0.7
                  eS     39 29.14
VGB      6.00 120 (P)    38 52.15  -0.3
DPW      6.72  94 (P)    39 01.27  -1.4
ORV     10.37 150 eP     39 52.07  -1.2
SES     11.26  75 eP     40 07.00   1.6
ARN     12.38 154 eP     40 19.60  -1.1
HVU     12.89 117 eP     40 28.00   0.5
TNP     13.30 139 eP     40 33.07   0.1
        1.1s    14.03nm          4.9mb X
CWC     14.36 145 eP     40 47.00   0.0
ISA     14.91 148 eP     40 56.00   2.0
CLC     15.09 145 eP     40 57.00   0.6
MSU     15.43 126 eP     41 06.36   5.3X
YKA     15.71  24 eP     41 03.30  -0.9
        1.0s     3.00nm          3.5mb
TPC     17.20 144 eP     41 19.00  -4.3X
FFC     17.24  60 iPc    41 26.10   2.5
        0.9s    21.00nm          4.3mb
PLM     17.56 147 (P)    41 28.37   0.3
ANMO    21.17 123 eP     42 09.70   0.4
        0.9s     9.87nm          4.2mb
ALQ     21.17 123 eP     42 10.07   0.7
      S.D. = 1.0  on  26 of  29 obs.
-----------------------------------------
%  FEB  28, 1992  17h 31m 49.45± 1.86s
   42.237 N ±11.4km   14.269 E ±14.4km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                       (381)

DUI      0.59 166 P      32 01.70   0.2
                  eSg    32 11.50
SDI      0.63 213 P      32 01.50  -0.6
                  eSg    32 10.90
AQU      0.65 281 P      32 01.90  -0.6
                  eSg    32 09.60
AZI      0.67 248 P      32 03.50   0.8
MNS      1.19 278 P      32 11.90   0.3
                  eSg    32 29.00
ASS      1.45 306 P      32 15.80   0.0
                  eSn    32 34.50
      S.D. = 0.7  on   6 of   6 obs.
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*  FEB  28, 1992  17h 34m 08.44± 3.18s
   29.518 S ±20.8km   71.791 W ±20.3km
   DEPTH =  10.0km  (geophysicist)
 NEAR COAST OF CENTRAL CHILE      (135)

TLL      1.07 127 iP     34 27.30  -1.5
                  iS     34 35.50
RTCB     3.24 128 iPc    35 01.90   1.4
                  S      35 33.50
RTLL     3.39 123 eP     35 02.00  -0.5
                  S      35 38.50
CFA      3.70 125 eP     35 08.30   1.3
PEL      3.74 166 iPd    35 08.50   1.0
                  iS     35 44.50
TACH     4.19 170 iPc    35 13.60  -0.2
                  iS     35 57.20
PCH      4.23 165 iP     35 15.00   0.5
LNV      4.44 176 iPc    35 16.00  -1.3
CHCH     4.51 168 eP     35 18.50   0.1
CACH     4.70 168 iPd    35 21.10  -0.1
CYA      5.36  80 eP     35 30.10  -0.4
                  S      36 29.00
RFA      5.95 153 ePc    35 38.20  -0.5
      S.D. = 1.0  on  12 of  12 obs.
-----------------------------------------
?  FEB  28, 1992  17h 35m 10.43± 4.73s
   6.475 S ±24.0km  147.954 E ±43.5km
   DEPTH =  33.0km  (normol)
   3.9mb (  2 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

LAT      0.96 259 iPd    35 27.20  -0.4
YYYY     1.99 277 eP     35 43.80   1.3
                  eS     36 09.80
MDG      2.48 299 eP     35 48.70  -0.7
PMG      3.02 195 eP     36 04.00   6.9X
WB2     18.81 223 eP     39 28.90  -0.9
        0.9s      2.70nm          3.5mb
ASPA    21.79 217 iPd    40 02.40   0.8
        0.4s      5.10nm          4.3mb
      S.D. = 1.4  on   5 of   6 obs.
-----------------------------------------
*  FEB  28, 1992  18h 20m 22.77± 2.60s
   39.552 N ±13.5km   23.925 E ±18.4km
   DEPTH =  10.0km  (geophysicist)
 AEGEAN SEA                       (365)
      MD 2.6 (THE).

PAIG     0.42 333 ePg    20 31.44   0.1
                  eSg    20 37.64
OUR      0.78   3 ePg    20 37.32  -0.7
                  eSg    20 49.28
LIT      1.23 297 ePb    20 44.76  -1.0
THE      1.31 326 ePb    20 47.52   0.6
SOH      1.34 341 ePb    20 49.00   1.5
AGG      1.35 247 ePb    20 47.80   0.2
SRS      1.58 351 ePb    20 49.92  -1.0
KNT      1.79 334 ePb    20 54.60   0.7
GRG      1.82 321 ePb    20 53.92  -0.5
VAY      2.05 330 ePn    21 01.50   3.9X
      S.D. = 1.0  on   9 of  10 obs.
-----------------------------------------
?  FEB  28, 1992  18h 23m 00.04± 2.75s
   39.044 N ±23.6km   23.152 E ±15.5km
   DEPTH =  10.0km  (geophysicist)
 AEGEAN SEA                       (365)
      MD 1.5 (THE).

AGG      0.64 268 ePg    23 13.00   0.1
                  eSg    23 22.76
PAIG     0.97  25 ePg    23 19.04   0.5
                  eSg    23 31.12
LIT      1.17 334 ePb    23 21.84  -0.1
                  eSb    23 37.52
OUR      1.44  26 ePb    23 25.60  -0.5
      S.D. = 0.8  on   4 of   4 obs.
-----------------------------------------
   FEB  28, 1992  18h 24m 36.73± 1.20s
   44.243 N ± 6.8km    8.353 E ± 9.4km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                   (545)
      ML 2.0 (LDG).

FIN      0.11 252 P      24 40.61   1.0
                  S      24 44.72
PCP      0.33  25 P      24 43.69   0.1
                  S      24 50.00
ROB      0.35 279 P      24 45.13   1.2
                  S      24 52.20
IMI      0.47 225 P      24 44.82  -1.5
                  S      24 51.66
ENR      0.67 269 P      24 50.25   0.1
                  S      25 01.15
STV      0.74 270 P      24 51.41   0.1
                  S      25 03.20
SBF      0.76 240 Pg     24 51.40  -0.3
                  Sg     25 03.50
PZZ      0.94 287 P      24 53.33  -1.3
BHB      0.98 308 P      24 55.13  -0.3
RSP      1.20 320 P      24 58.72  -0.4
FRF      1.41 242 Pg     25 02.80   0.4
                  Sg     25 22.50
LMR      1.61 236 Pg     25 06.20   0.9
                  Sg     25 25.50
LRG      1.64 242 Pg     25 07.50   1.8X
                  Sg     25 30.80
      S.D. = 0.9  on  12 of  13 obs.
-----------------------------------------
*  FEB  28, 1992  18h 29m 47.48± 0.83s
   39.3B6 S ±19.7km   46.361 E ±18.6km
   DEPTH =  10.0km  (geophysicist)
   4.4mb (  5 obs.)
 SOUTHWEST INDIAN RIDGE           (428)

CRZF     8.11 152 iPc    31 48.00   0.0
                  iS     33 30.00
SEK     19.04 300 eP     34 12.60   0.4
        0.8s     14.93nm          4.3mb
FRS     19.77 293 eP     34 22.00   1.4
        0.8s     11.19nm          4.2mb
PRY     20.06 303 eP     34 12.00 -11.8X
        1.0s     30.00nm
SLR     20.38 307 iPc    34 25.10  -2.1
        1.3s     61.54nm          4.8mb
BCAO    50.59 323 ePd    38 48.30  -0.2
        0.4s      3.00nm          4.6mb
QUE     71.82  19 eP     41 13.30   0.9
WRA     76.11 104 P      41 37.00  -0.4
        1.6s      0.70nm          3.5mb
      S.D. = 1.4  on   7 of   8 obs.
-----------------------------------------
   FEB  28, 1992  18h 33m 46.48± 0.53s
   37.437 N ± 5.6km   16.566 E ± 3.2km
   DEPTH =  10.0km  (geophysicist)
 IONIAN SEA                       (399)

SOI      0.75 328 P      34 02.60   1.4
                  eSg    34 11.90
ATN      1.13 310 P      34 08.00   0.3
                  eSg    34 21.40
MEU      1.35 256 P      34 12.40   1.1
                  eSg    34 25.80
MNO      1.56 289 P      34 14.70   0.1
                  eSg    34 32.70
ACI      1.93 352 P      34 28.20   8.5X
GIB      2.09 286 Pc     34 22.10   0.1
                  eSn    34 45.50
ROI      2.13   0 P      34 23.10   0.5
TDS      2.23 355 P      34 24.50   0.6
                  eSn    34 49.00
CSI      2.35 355 P      34 26.30   0.6
ORI      2.62 358 Pd     34 30.30   0.7
MGR      2.81 344 P      34 31.50  -0.8
                  eSn    35 03.00
USI      2.96 296 Pc     34 32.40  -1.9
LCI      3.09  20 P      34 36.00  -0.1
SGO      3.27 343 P      34 38.70   0.0
                  eSn    35 15.60
BRT      3.47   8 P      34 39.80  -1.8
IGT      3.62  54 ePg    34 44.61   0.8
BAI      3.68   4 P      34 42.50  -2.2
SDI      4.76 334 P      35 00.00   0.0
AGG      4.81  69 ePb    35 04.08   3.4X
OHR      4.92  41 iPn    35 02.00  -0.3
FNA      5.02  47 ePb    35 04.64   1.0
LIT      5.34  58 ePb    35 09.08   0.9
GRG      5.73  50 ePb    35 14.00   0.2
                  eSb    35 41.53
HVAR     5.73 359 iPn    35 10.50  -3.2X
SKO      5.88  38 ePg    35 03.20 -12.6X
                  eSg    35 14.60
VAY      6.06  48 ePn    35 17.00  -1.2
PAIG     6.10  64 ePn    35 19.20   0.4
KNT      6.16  51 ePn    35 19.32  -0.4
SOH      6.27  55 ePn    35 21.24   0.0
OUR      6.47  61 ePn    35 24.16   0.1
KKB      6.70  47 eP     35 27.00  -0.3
MMB      6.92  51 iP     35 31.00   0.6
VTS      7.24  43 eP     35 35.00  -0.1
RZN      7.59  53 iP     35 41.00   1.0
BZS      9.00  23 eP     35 56.00  -3.4X
JVI     16.39 104 eP     37 37.60  -0.6
DSI     16.57 105 eP     37 39.10  -1.3
MBH     17.05 111 eP     37 46.90   0.4
      S.D. = 0.9  on  33 of  38 obs.
-----------------------------------------
*  FEB  28, 1992  18h 41m 13.79± 1.05s
   52.171 N ±16.6km  176.749 E ± 6.3km
   DEPTH =  89.7 ±  9.1 km
   4.6mb ( 10 obs.)
 RAT ISLANDS, ALEUTIAN ISLANDS    (  6)

SMY      1.71 290 iPc    41 42.81   0.1
                  iS     42 04.15
ADK      4.07  91 eP     42 14.42  -0.4
SVW     17.51  48 eP     45 21.89   8.7X
TTA     18.00  43 ePc    45 26.80   7.6X
        0.9s     12.60nm          4.1mb
KDC     18.42  60 ePc    45 23.10  -1.1
IMA     20.31  35 eP     45 44.11  -0.4
        0.6s      8.05nm          4.2mb
PMR     20.65  50 eP     45 47.60  -0.2
        0.4s      6.43nm          4.3mb
FBA     22.10  41 eP     46 02.54   0.4
        0.5s     19.86nm          4.7mb
TOA     22.13  49 eP     46 04.80   2.2
BRW     22.56  22 eP     46 07.13   0.5
BALM    23.83  52 eP     46 19.67   0.5
YKA     36.69  46 eP     48 13.10   0.0
        0.5s      4.80nm          4.7mb
KAF     63.68 345 iP     51 36.00  -1.1
        0.3s      2.60nm          4.7mb
NUR     65.46 345 eP     51 47.70  -0.9
NB2     66.55 352 P      51 54.80  -0.8
        0.4s      0.80nm          4.0mb
GUN     68.99 289 P      52 12.00   0.3
        0.4s     17.00nm          5.3mb
KKN     69.43 289 P      52 14.60   0.4
        0.4s      7.00nm          4.9mb
PKI     69.52 289 P      52 15.20   0.3
        0.5s     11.00nm          5.0mb
GKN     69.64 290 P      52 15.80   0.3
DMN     69.67 289 P      52 16.20   0.5
WRA     80.75 220 P      53 10.10  -8.3X
        1.0s      0.50nm          3.3mb X
WRA     80.75 220 P      53 21.80   3.4X
        0.6s      0.40nm          3.5mb X
HYB     81.34 287 eP     53 21.00  -0.7
      S.D. = 0.9  on  19 of  23 obs.
-----------------------------------------
   FEB  28, 1992  19h 30m 53.35± 0.57s
   35.113 N ± 8.6km   33.931 E ± 8.6km
   DEPTH =  60.7 ±  6.3 km
   3.8mb (  5 obs.)
 CYPRUS REGION                    (372)
      MD 3.9 (HLW).

FAM      0.13 153 eP     31 02.50  -0.2
                  eS     31 08.60
LFK      0.37 297 iPg    31 03.30  -0.9
CSS      0.51 253 eP     31 05.50  -0.1
                  eS     31 14.00
PPCY     1.32 261 eP     31 17.20   1.3
                  eS     31 35.10
BHL      1.86 130 Pg     31 22.50  -1.0
                  Sg     31 44.50
ADAT     2.26  30 ePn    31 39.40  10.4X
                  iSg    31 57.10
BURJ     3.26 151 P-     31 43.70   0.4
JARJ     3.32 149 P      31 45.10   1.0
SALJ     3.42 154 Pd     31 46.10   0.6
BCK      3.57 312 iPn    31 48.90   1.3
ELL      3.65 298 ePn    31 52.00   3.3X
MASJ     3.69 156 Pc     31 49.60   0.3
MDSJ     3.98 150 Pd     31 57.00   3.7X
CIN      5.33 299 eP     32 12.00  -0.2
KOT      5.46 200 ePn    32 12.50  -1.6
                  eSn    33 10.00
GEC2    20.27 319 P      35 25.10  -1.2X
        0.5s      0.61nm          3.2mb
LPG     23.08 305 eP     35 57.00   2.4X
```

28d 19h

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        0.5s      1.45nm          3.7mb
LPL     23.09 305 eP     35 57.10   2.4X
        0.5s      2.20nm          3.8mb
CDF     23.77 312 eP     36 01.40   0.4
SMF     25.35 306 eP     36 15.70  -0.3
SSF     25.68 307 eP     36 18.50  -0.7
        0.6s      1.80nm          3.8mb
AVF     25.71 306 eP     36 18.80  -0.6
RJF     26.61 302 eP     36 27.80   0.2
        0.5s      2.90nm          4.1mb
LFF     27.08 301 eP     36 32.10   0.2
      S.D. = 0.9  on  18 of  24 obs.
-----------------------------------------
    FEB  28, 1992  20h 58m 22.74± 0.81s
    14.532 N ± 7.6km   93.145 W ± 5.3km
    DEPTH =  45.9 ±  6.5 km
    4.9mb ( 16 obs.)  5.1Msz (  2 obs.)
  NEAR COAST OF CHIAPAS, MEXICO     ( 69)
       Mo=4.0*10**17 Nm (PPT).

TPX      0.93  66 iPd    58 39.76   0.1
                  iS     58 50.00
PBJ      2.89 311 (P)     59 03.00  -4.4X
OXX      4.28 307 iP      59 28.01   0.8
                  iS     00 15.00
LVVM     6.06 329 iP      59 50.78  -1.4
                  iS     00 58.00
IIT      6.66 313 eP      00 00.04  -0.8
                  iS     01 13.18
ACX      6.87 291 (P)     00 03.86   0.3
PPM      6.92 311 iP      00 04.50  -0.2
IIA      7.00 312 eP      00 05.00  -0.2
III      7.17 303 iP      00 08.00   0.1
UNM      7.49 310 eP      00 14.00   1.5
TAC      7.55 311 (P)     00 13.00  -0.3
MRX      9.25 305 iP      00 35.00  -1.5
COLM    11.10 296 iPd     01 01.00  -0.9
CGX     11.12 299 iP      01 02.00  -0.3
PSO     20.50 129 eP      03 02.00   1.9
MEO     20.75 347 iPd     03 01.50  -0.6
VVO     20.85 354 e(P)    03 09.20   6.1X
PWLA    20.87  12 (P)     03 05.23   1.9
OLY     20.94   4 (P)     03 04.78   0.8
FUO     21.11 113 eP      03 01.00  -5.2X
BOG     21.21 116 eP      03 08.00   0.7
                  eS     07 08.00
TUL     21.42 354 e(P)    03 09.90   1.0
        0.7s     17.10nm          4.5mb
      Z  18s      0.18um          3.5MszX
                  eS     07 17.00
                  LR     11 59.00
LNO     21.42 354 (P)     03 09.40   0.6
HBF     21.69  30 (P)     03 08.59  -3.0X
JSC     22.41  27 (P)     03 17.36  -1.3
ACO     22.72 347 iPc     03 23.50   1.7
ELC     22.93   8 eP      03 22.49  -1.3
ANMO    23.60 332 P       03 32.00   1.5
        1.5s    145.83nm          5.3mb
NAV     25.21  24 (P)     03 38.54  -7.3X
BLA     25.27  24 (P)     03 52.18   5.8X
        1.0s     28.99nm          4.8mb
BAR     28.02 314 eP      04 11.00  -0.6
TPC     28.43 317 eP      04 16.00   0.6
PLM     28.53 315 eP      04 16.63   0.2
PEC     29.05 316 eP      04 21.14   0.2
        1.1s     16.82nm          4.6mb
MSU     29.21 328 eP      04 23.28   0.7
RVR     29.25 316 eP      04 23.00   0.3
ARUT    29.34 326 eP      04 24.47   0.8
EMUT    29.57 332 eP      04 26.36   0.5
SSK     29.59 316 (P)     04 26.40   0.4
SBB     29.96 316 eP      04 30.00   0.9
DAU     30.25 332 eP      04 32.35   0.4
CLC     30.49 318 eP      04 34.00   0.3
RSSD    30.92 345 P       04 37.50  -0.1
        0.9s     13.94nm          4.7mb
ISA     30.96 317 eP      04 38.00   0.1
BW06    31.49 337 P       04 42.10  -0.6
        1.8s     49.19nm          5.0mb
TNP     31.69 322 eP      04 44.44   0.0
        2.2s    111.36nm          5.3mb
HVU     32.04 332 eP      04 47.76   0.4
BONR    32.26 321 eP      04 50.14   0.6
PTI     32.73 333 (P)     04 53.42   0.0
ARN     33.95 317 eP      05 02.72  -1.2
LRM     35.18 336 eP      05 15.20   0.6
ORV     35.21 320 eP      05 15.07   0.4
LBFM    36.55 323 eP      05 26.60   0.4
SES     38.61 342 ePc     05 43.50   0.3
VGB     38.69 329 eP      05 44.26   0.4
NEW     39.03 334 P       05 46.80   0.1
        1.0s     15.00nm          4.8mb
DPW     39.19 333 eP      05 47.83  -0.3
LPB     39.55 140 P       05 51.00  -0.8
      Z  20s      1.42um          4.8Msz
                  LR     18 00.00
LON     40.06 329 eP      05 53.28  -2.0
RMW     40.56 330 (P)     06 00.21   0.9
PNT     40.90 334 eP      06 03.00   0.9
GMW     41.10 329 eP      06 03.13  -0.6
MCW     41.90 331 eP      06 10.44   0.1
YKA     50.26 347 eP      07 16.40   0.2
        0.8s     24.50nm          5.3mb
RND     62.08 335 eP      08 39.41  -1.6
FBA     62.32 337 eP      08 40.79  -1.7
        1.4s     33.04nm          5.3mb
MBC     63.25 353 ePc     08 47.70  -0.7
        1.0s     29.00nm          5.3mb
TTA     64.93 333 eP      08 57.62  -2.0
        0.9s     19.58nm          5.2mb
DAG     72.38  13 eP      09 46.00   0.5
TOL     80.15  51 eP      10 28.00  -1.9
SSF     83.96  43 eP      10 46.70  -2.7X
        0.8s      4.05nm          4.5mb
LOR     84.14  43 eP      10 48.60  -1.7
        0.8s      4.05nm          4.5mb
      Z  19s      1.23um          5.3Msz
NB2     84.21  28 P       10 50.20  -0.2
        0.8s      4.70nm          4.6mb
BSF     85.89  42 eP      10 45.80 -13.4X
        0.7s      4.40nm
KIC     86.89  84 P       11 02.50  -2.1
GEC2    89.90  39 PKP     11 18.40   0.0
        1.0s      1.92nm          4.4mb
QUE    131.58  23 ePKP    17 35.50   2.5X
WRA    134.44 256 PKP     17 38.00  -0.4
        0.8s      0.40nm
NDI    136.04  12 ePKP    17 42.50   1.3
CHG    144.79 340 ePKPc   17 54.20  -2.9X
HYB    147.22  15 ePKPc   18 01.30   0.1
KHT    148.64 338 ePKP    18 05.50   2.0
NNT    150.19 334 ePKP    18 14.00   8.2X
KOD    153.69  21 ePKP    18 23.00  11.7X
      S.D. = 1.0  on  72 of  84 obs.
-----------------------------------------
    FEB  29, 1992  01h 45m 47.24± 0.77s
    16.015 N ± 3.8km   60.784 W ± 8.6km
    DEPTH =  33.0km  (normal)
  LEEWARD ISLANDS                   ( 92)
       MD 3.1 (TRN).

DEG      0.40 318 iPc     45 56.35   0.0
MGG      0.52 259 iPc     45 58.27   0.1
SEG      0.79 299 eP      46 01.84  -0.1
                  S      46 12.00
DOG      0.80 271 ePc     46 02.29   0.2
PAG      0.86 271 iPc     46 03.12   0.1
DTMT     0.95 215 eP      46 03.96  -0.3
                  eS     46 16.43
DSVT     0.96 216 eP      46 04.58   0.1
CRM      1.26 186 iPd     46 08.68   0.0
                  S      46 24.00
FDF      1.32 196 iPd     46 09.30  -0.3
        0.1s      4.50nm
                  S      46 25.20
BPA      1.45 315 eP      46 11.40  -0.1
                  S      46 28.60
MVM      1.46 184 iPd     46 11.74   0.2
                  S      46 29.50
MBET     1.51 299 eP      46 12.30   0.0
                  eS     46 31.78
ANG      1.51 319 eP      46 12.14  -0.1
                  eS     46 32.33
BIM      1.52 191 iPd     46 12.46   0.1
                  S      46 31.50
MGH      1.54 297 eP      46 12.66  -0.1
CPB      1.90 328 eP      46 18.08   0.2
      S.D. = 0.2  on  16 of  16 obs.
-----------------------------------------
    FEB  29, 1992  03h 25m 53.37± 0.56s
    45.853 N ± 7.6km   10.886 E ± 5.4km
    DEPTH =  10.0km  (geophysicist)
  NORTHERN ITALY                    (545)
       ML 2.3 (VIE).
SAL      0.35 226 P       26 00.50  -0.1
                  eSg    26 08.50
CTI      0.57  70 Pd      26 03.60  -1.4
                  eSg    26 12.60
MDI      0.82 265 P       26 09.40   0.1
                  eSg    26 23.50
SOTA     1.39   9 iPgd    26 18.20  -0.6
                  iSg    26 35.20
VAI      1.48 271 Pd      26 20.00   0.0
                  eSg    26 42.60
FVI      1.51  60 P       26 20.90   0.5
                  eSg    26 41.00
TRI      2.02  93 P       26 28.00   0.2
SFI      2.05 160 P       26 28.20  -0.1
KBA      2.10  53 iPgc    26 30.50   1.4
                  iSg    26 57.80
      S.D. = 0.9  on   9 of   9 obs.
-----------------------------------------
&   FEB  29, 1992  03h 53m 21.98s
    63.535 N          147.900 W
    DEPTH =  82.8km
    3.5mb (  4 obs.)
  CENTRAL ALASKA                    (  1)
       <AEIC>. Felt (III) ot Contwell.

RND      0.45 254 iPd     53 36.10   0.2
MCK      0.50 294 iPd     53 36.36   0.1
                  eS     53 46.81
BWN      0.94 313 iPd     53 40.21  -0.6
DDM      0.94  74 eP      53 40.83   0.0
WRH      0.94 355 iPd     53 40.64  -0.1
HUR      0.96 235 iPc     53 40.79  -0.3
                  eS     53 55.25
HDA      0.97  25 iPd     53 40.94  -0.2
THY      0.97  96 ePd     53 41.34   0.2
TRF      1.07 267 iPd     53 42.88   0.3
DJE      1.10  62 iPc     53 42.14  -0.6
CCB      1.12   2 iPd     53 42.52  -0.3
NEA      1.17 334 iPd     53 43.13  -0.4
                  eS     53 58.81
PAX      1.24 116 ePd     53 43.79  -0.7
KTH      1.35 272 iPd     53 45.79  -0.2
FBA      1.37   2 iPd     53 46.10   0.0
MDM      1.44 354 iPd     53 46.64  -0.4
GLM      1.48   8 iPd     53 46.99  -0.5
                  eS     54 05.92
SDG      1.48 132 ePd     53 46.69  -0.8
CUT      1.57 225 iPc     53 48.08  -0.6
TOA      1.64 150 ePd     53 49.80   0.1
DOT      1.72  84 ePd     53 49.37  -1.4
SML      1.75 187 ePd     53 50.44  -0.7
GHO      1.83 195 iPc     53 51.76  -0.5
MLY      1.95 322 iPd     53 53.50  -0.3
                  eS     54 17.25
PLRM     2.03 197 ePc     53 54.30  -0.6
                  eS     54 20.11
PMR      2.03 197 ePc     53 54.90   0.0
PWA      2.10 207 ePc     53 56.00   0.2
KNK      2.15 187 ePd     53 55.62  -0.9
TMW      2.21  93 eP      53 55.86  -1.6
PRP      2.24  26 ePd     53 57.16  -0.8
                  eS     54 23.28
KLU      2.25 155 ePd     53 56.12  -1.8
SKT      2.29 229 iPc     53 57.67  -0.7
                  eS     54 25.90
                  eS     54 26.06
PMS      2.43 199 iPc     54 00.00  -0.4
SUA      2.46 214 ePc     54 00.66  -0.3
                  eS     54 31.26
VZW      2.56 165 eP      53 59.66  -2.6
GLI      2.69 172 ePd     54 01.93  -2.1
GLB      2.83 136 eP      54 03.95  -2.0
                  eS     54 37.94
NCG      2.91 225 eP      54 06.69  -0.4
CGLM     2.94 222 ePc     54 07.67   0.2
CRP      3.02 223 eP      54 09.01   0.4
SPU      3.05 221 eP      54 08.24  -0.8
CKN      3.06 223 eP      54 10.03   1.0
BGL      3.09 225 eP      54 09.21  -0.4
CKL      3.13 223 eP      54 09.83  -0.3
SLKM     3.23 201 eP      54 10.87  -0.6
FYU      3.25  19 ePd     54 10.89  -0.7
                  eS     54 48.07
SGAM     3.30 156 eP      54 09.35  -3.0
SEW      3.52 193 eP      54 14.45  -1.0
IMA      3.55 318 ePd     54 15.70  -0.2
MTU      3.56 178 eP      54 13.79  -2.2
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BALM     3.61 132 eP     54 14.42  -2.4
RDT      3.65 218 eP     54 16.71  -0.6
TTA      3.72 264 ePd    54 17.30  -1.0
REF      3.80 219 ePd    54 19.17  -0.4
RDW      3.84 219 eP     54 19.83  -0.2
RS2      3.84 219 eP     54 19.73  -0.3
RSO      3.84 219 P      54 19.10  -1.0
NNL      3.86 206 ePd    54 20.03  -0.1
RED      3.88 219 eP     54 20.17  -0.4
CTGM     4.01 127 eP     54 21.42  -1.0
BRLK     4.04 202 ePd    54 21.36  -1.4
INE      4.26 217 eP     54 24.12  -1.8
YAH      4.31 135 eP     54 23.89  -2.8
CNPM     4.33 203 ePd    54 25.24  -1.5
SVW      4.35 239 ePc    54 26.00  -1.0
PDB      4.81 221 eP     54 31.79  -1.6
AUE      4.94 215 eP     54 33.18  -2.1
AUP      4.95 215 eP     54 34.16  -1.3
MCNL     5.35 218 eP     54 38.92  -2.0
KDC      6.23 203 eP     54 50.60  -2.5
ANM      7.73 285 eP     55 13.60  -0.2
BRW      8.50 340 ePd    55 22.80  -1.5
YKA     15.05  79 eP     56 52.20   1.2
        0.6s     1.00nm          3.2mb
MBC     15.80  25 eP     56 58.50  -1.9
        1.0s     4.00nm          3.5mb
PNT     20.90 120 eP     58 00.00   0.9
SES     23.60 106 eP     58 25.00  -0.7
BONR    31.18 131 eP     59 33.26  -2.0
TNP     31.44 129 iP     59 35.63  -1.7
        0.7s     5.00nm          4.4mb
MSU     32.89 122 iP     59 48.80  -1.2
ARUT    33.05 125 eP     59 50.01  -1.3
GEC2    67.03  13 P      04 08.40   0.7
        0.6s     0.32nm          3.4mb
GEC2    67.03  13 P      04 03.90  -3.8
        0.6s     0.20nm          3.3mb X
        82 obs. associated
-----------------------------------------
*  FEB  29, 1992  04h 01m 20.83± 3.48s
   41.561 N ±25.3km   22.814 E ± 8.5km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION        (383)
      MD 2.7 (THE).

VAY      0.30 218 iPg    01 27.30   0.2
                  iSg    01 34.30
KNT      0.40 171 ePg    01 29.22   0.1
                  eSg    01 37.38
GRG      0.68 207 ePg    01 33.94  -0.4
                  eSg    01 45.98
SRS      0.73 127 ePg    01 35.00  -0.3
                  eSg    01 45.94
SOH      0.84 151 ePg    01 36.86  -0.3
                  eSg    01 50.90
THE      0.93 173 ePg    01 38.70   0.1
                  eSg    01 53.98
OUR      1.51 144 ePb    01 48.46   0.5
                  eSb    02 12.78
      S.D. = 0.4  on   7 of   7 obs.
-----------------------------------------
?  FEB  29, 1992  04h 03m 33.48± 3.63s
   46.762 N ±34.3km  150.424 E ±58.1km
   DEPTH = 234.5 ± 40.8 km
   3.8mb (  4 obs.)
 KURIL ISLANDS                     (221)

KUSJ     5.47 230 eP     04 54.60  -0.5
                  S      05 53.60
ASAJ     6.08 247 P      05 04.20   1.3
HOOJ     6.72 232 eP     05 10.50  -0.5
                  S      06 20.70
MRRJ     7.96 240 eP     05 25.60  -1.2
                  eS     06 47.20
AOMJ     9.56 233 eP     05 46.70  -0.8
                  eS     07 24.50
OFUJ    10.00 223 eP     05 54.30   1.2
                  eS     07 37.30
MAT     13.68 226 eP     06 40.00   0.7
        1.1s    21.52nm          4.4mb
YKA     52.01  36 eP     12 20.50   0.1
        0.5s     0.50nm          3.3mb
WB2     67.96 196 eP     14 10.10   1.2
        0.8s     2.20nm          3.9mb
WRA     67.96 196 P      14 07.40  -1.5
        0.6s     1.00nm          3.7mb
      S.D. = 1.3  on  10 of  10 obs.
-----------------------------------------
   FEB  29, 1992  04h 04m 47.35± 0.65s
   42.413 N ± 7.6km   14.312 E ± 6.5km
   DEPTH =   9.1 ±  6.9 km
 CENTRAL ITALY                     (381)
      MD 3.8 (TRI).

AOU      0.68 265 P      04 59.60  -1.3
                  eSg    05 10.40
DUI      0.76 172 Pc     05 01.10  -1.2
                  eSg    05 12.10
AZI      0.78 237 P      05 01.00  -1.6
                  eSg    05 13.00
SDI      0.80 208 Pc     05 01.00  -2.0
                  eSg    05 13.00
MNS      1.21 269 P      05 11.50   1.5
                  eSg    05 27.00
RMP      1.34 244 P      05 13.50   1.4
RDP      1.36 242 P      05 11.50  -0.9
ASS      1.38 299 P      05 14.40   1.6
                  eSg    05 34.10
ARV      1.48 318 P      05 15.90   1.7
                  eSg    05 35.00
HVAR     1.75  63 e(P)   05 22.30   4.3X
SGO      2.00 158 P      05 22.10   0.5
CRE      2.11 306 P      05 24.50   1.1
                  eSn    05 50.80
SFI      2.35 311 P      05 29.15   2.5X
MGR      2.46 157 P      05 29.10   0.9
BRT      2.65 124 P      05 30.60  -0.5
ORI      2.85 145 P      05 34.90   1.1
VBY      3.17  12 ePn    05 53.10  14.9X
                  eSn    06 39.70
TRI      3.32 353 ePn    05 39.50  -0.9
                  i      05 52.10
                  iSn    06 17.30
                  i      06 39.70
VOY      3.63 355 e(Pn)  05 58.50  13.5X
                  e(Sn)  06 27.00
LJU      3.63   2 eP     05 57.00  12.1X
                  e(Sg)  06 43.00
PTJ      3.68  18 e(P)   05 56.00  10.3X
PGF      3.93 274 Pn     05 49.20  -0.1
CTI      4.11 333 Pc     05 50.80  -0.9
SAL      4.20 321 P      05 51.50  -1.4
FVI      4.32 346 P      05 53.60  -1.0
                  eSn    06 45.00
KBA      4.72 352 eP     06 02.00   1.5
                  i      06 20.80
                  e      06 52.00
MDI      4.72 317 Pc     05 58.90  -1.5
SBF      5.24 288 Pn     06 08.70   1.0
VAI      5.27 313 P      06 06.50  -1.7
                  eSn    07 04.70
LPG      6.27 302 Pn     06 20.30  -2.2X
LPL      6.29 302 Pn     06 20.30  -2.4X
BSF      7.59 318 Pn     06 37.30  -3.6X
                  Sn     07 59.00
CDF      7.78 323 Pn     06 40.70  -2.7X
                  Sn     08 05.00
HAU      7.93 318 Pn     06 42.40  -3.1X
                  Sn     08 07.30
LBF      8.66 305 Pn     06 51.90  -3.9X
                  Sn     08 25.30
LOR      8.87 307 Pn     06 55.60  -3.0X
                  Sn     08 31.20
      S.D. = 1.4  on  23 of  36 obs.
-----------------------------------------
?  FEB  29, 1992  04h 15m 19.46± 1.68s
   42.046 N ±12.2km  144.117 E ±15.7km
   DEPTH =  68.0 ± 35.9 km
 HOKKAIDO, JAPAN  REGION           (224)

HOOJ     0.70 299 iP+    15 34.60   0.2
                  S      15 44.40
KUSJ     1.14  22 iPd    15 39.60  -0.3
                  S      15 53.20
MRRJ     2.29 281 eP     15 55.10  -0.6
                  eS     16 22.30
ASAJ     2.34 333 eP     15 56.80   0.5
OFUJ     3.50 213 eP     16 12.80   0.2
                  eS     16 51.80
      S.D. = 0.9  on   5 of   5 obs.
-----------------------------------------
%  FEB  29, 1992  04h 38m 16.44± 1.33s
   42.246 N ± 9.3km   14.161 E ±13.1km
   DEPTH =  10.0km  (geophysicist)
 CENTRAL ITALY                     (381)

AOU      0.57 281 P      38 27.50  -0.6
                  eSg    38 37.00
SDI      0.60 206 P      38 29.00   0.4
                  eSg    38 38.00
DUI      0.63 159 P      38 28.80  -0.3
                  eSg    38 38.60
MNS      1.11 278 P      38 37.00  -0.2
ASS      1.38 307 P      38 42.90   1.1
ARV      1.54 325 P      38 43.50  -0.5
                  eSn    39 04.50
      S.D. = 0.9  on   6 of   6 obs.
-----------------------------------------
   FEB  29, 1992  05h 42m 45.78± 0.14s
   12.265 N ± 2.6km  141.242 E ± 3.2km
   DEPTH =  32.8km  ( 48 depth phases)
   5.5mb ( 58 obs.)  4.8Msz (  6 obs.)
 SOUTH OF MARIANA ISLANDS          (210)
      Mo=5.0*10**17 Nm (PPT).
      CENTROID, MOMENT TENSOR      (HRV)
      Data Used: GDSN
      L.P.B.: 26S, 53C
      Centroid Location:
      Origin Time        05:42:53.7 0.4
      Lat 12.32N 0.04 Lon 141.11E 0.03
      Dep  18.0 1.9 Half-duration  2.3
      Moment Tensor:   Scale 10**17 Nm
        Mrr=-1.67 0.05  Mtt= 1.50 0.08
        Mff= 0.17 0.06  Mrt= 1.90 0.26
        Mrf= 0.68 0.14  Mtf= 0.49 0.05
       Principal Axes:
        T  Val=  2.62  Plg=25  Azm=341
        N        0.01      1      251
        P       -2.63     65      159
      Best Double Couple:Mo=2.6*10**17
       NP1:Strike= 73 Dip=20 Slip= -88
       NP2:        251    70      -91

GUMO     3.77  69 eP     43 44.20   1.2
                  e      43 55.50
                  eS     44 32.20
PJG      3.77  69 eP     43 44.30   1.3
                  TT     46 14.30
GUA      3.80  70 eP     43 44.50   1.1
SAPN     5.26  56 eP     44 10.20   5.9X
                  e      44 21.00
DAV     16.28 253 eP     46 38.90   5.3X
LAT     19.65 163 eP     47 15.90   1.0
OCP     19.75 279 eP     47 32.00  16.0X
BAG     20.44 284 ePc+   47 23.00  -0.4
        1.5s   277.78nm          5.4mb
                  eS     51 14.00
KAGJ    21.12 335 eP     47 30.20   0.1
PMG     22.32 164 eP     47 42.30   0.1
KUMJ    22.32 336 eP     47 43.20   1.1
WKYJ    22.45 348 eP     47 44.20   0.7
TATO    22.55 307 eP     47 46.00   1.6
        1.0s   128.00nm          5.3mb
      Z  18s     1.31um          4.4Msz
TKSJ    22.59 344 P      47 45.50   0.7
SHK     23.50 342 eP     47 53.80   0.2
SHNJ    23.64 339 eP     47 55.50   0.6
TSRJ    23.65 349 eP     47 55.90   0.8
CHJJ    23.77 355 eP     47 54.70  -1.5
KAKJ    23.86 358 eP     47 56.20  -0.8
YONJ    23.89 344 P      47 55.60  -1.8
MAT     24.33 354 eP     47 59.00  -2.6X
        1.2s    42.19nm          4.9mb
                  eS     52 23.00
MTMJ    24.41 353 eP     48 00.80  -1.8
OZH     24.85 304 Pc     48 06.50  -0.2
      Z  11s     2.01um          4.9MszX
      N  10s     1.85um
                  sP     48 22.00
                  S      52 28.00
                  SS     53 26.00
NIIJ    24.95 356 P      48 07.50  -0.1
KKM     25.46 258 ePc    48 13.00   0.3
SSE     26.34 318 Pc     48 20.00  -0.7
        1.0s    54.00nm          5.1mb
      Z  20s     1.80um          4.6Msz
      N  10s     1.50um
      E  10s     1.80um
                  sP     48 35.00
                  S      52 52.00
MTN     26.89 202 iPd    48 25.00  -0.8
```

29d 05h

```
        0.7s   110.00nm          5.6mb
HKC    27.66 295 iP     48 36.40   3.6X
NJ2    28.48 317 Pc     48 40.00  -0.1
     N  10s      0.87um
     E  10s      0.76um
GZH    28.62 296 eP     48 43.20   1.7
     Z  12s      1.81um          4.9MszX
     N  10s      1.49um
     E  10s      0.51um
MRRJ   30.05 360 eP     48 54.20   0.2
KNA    30.45 204 eP     48 57.00  -0.8
WHN    30.81 310 P      49 01.50   0.6
       1.5s    50.00nm          5.1mb
     Z  16s      1.79um          4.8MszX
     E  12s      1.83um
                  eS     54 07.00
OIZ    30.94 287 eP     49 02.00  -0.2
                  eS     54 08.00
DL2    31.74 330 eP     49 08.00  -1.0
     Z  24s      1.69um          4.6MszX
     N  13s      1.93um
ASAJ   31.76   2 eP     49 09.60   0.5
TIA    32.26 322 eP     49 13.60   0.0
     Z  13s      1.80um          4.9MszX
     N  10s      1.13um
     E  11s      1.13um
WB2    32.72 192 iPd    49 17.20  -0.5
       0.9s   102.40nm          5.7mb
                  i      49 28.10  40km
WRA    32.72 192 P      49 17.50  -0.2
SNY    33.24 336 Pc     49 21.00  -1.0
     Z  15s      2.29um          5.0MszX
     N  11s      1.25um
     E  11s      1.44um
                  sP     49 36.00
                  PP     50 37.00
MDJ    33.75 345 eP     49 22.00  -4.4X
     Z  16s      1.34um          4.8MszX
     N  13s      1.34um
     E  13s      2.29um
                  pP     49 38.00  65kmX
                  ScS    59 44.00
CN2    34.25 340 P      49 30.00  -0.7
       1.0s    20.00nm          5.0mb
     Z  15s      2.76um          5.1MszX
     N  12s      0.22um
     E  12s      0.69um
                  pP     49 41.00  40km
                  eS     54 48.00
                  sS     55 09.00
                  ScS    59 49.00
BJI    35.41 326 eP     49 41.00   0.3
       1.8s   190.00nm          5.7mb
     Z  36s      3.03um          4.8MszX
     N  12s      0.93um
                  sP     49 57.50
                  eS     55 14.00
GYA    35.41 299 iPc    49 42.80   1.7
       1.6s   100.00nm          5.5mb
     Z  20s      1.88um          4.8Msz
     N  16s      2.48um
     E  16s      0.92um
                  pP     49 52.00  31km
                  S      55 20.00
TIY    36.11 320 Pc     49 47.00   0.2
       1.3s    63.00nm          5.4mb
     Z  14s      1.90um          5.0MszX
     N  11s      1.10um
ASPA   36.43 191 iPd    49 49.70   0.2
       0.5s    52.90nm          5.7mb
                  eS     55 30.70
XAN    36.53 312 P      49 50.00  -0.3
     N  10s      0.98um
     E  10s      1.42um
                  pP     50 02.00  44kmX
                  sP     50 07.00
                  PP     51 14.00
                  PcP    52 10.00
                  S      55 24.00
KMI    38.51 295 eP     50 09.00   1.7
       1.5s   110.00nm          5.4mb
     Z  20s      1.80um          4.9Msz
     N  11s      1.50um
     E  11s      1.10um
                  pP     50 19.00  34km
                  sP     50 26.00
                  eS     56 05.00
HHC    38.58 323 Pc     50 08.50   1.0
       1.4s    65.00nm          5.2mb
     Z  14s      2.13um          5.1MszX
     N  11s      1.09um
     E  11s      1.01um
                  sP     50 24.00
                  sS     56 11.00
OLP    38.72 176 eP     50 08.70   0.0
       0.6s    63.00nm          5.6mb
                  i      50 20.00  41km
RMO    39.21 169 iPd    50 12.90   0.1
       0.7s    24.00nm          5.1mb
                  i      52 36.00
CD2    39.24 304 P      50 13.00  -0.1
       1.0s    44.00nm          5.2mb
     Z  10s      1.91um          5.2MszX
     E  10s      2.33um
                  pP     50 23.00  34km
                  sP     50 28.00
                  PP     51 51.00
                  S      56 14.00
                  sS     56 25.00
                  SS     58 55.00
BTO    39.35 321 eP     50 14.70   0.8
       1.6s   160.00nm          5.5mb
     N  11s      0.92um
     E  11s      0.75um
                  pP     50 24.00  31km
                  S      56 14.50
NST    39.99 280 eP     50 27.50   8.1X
NNT    40.51 275 eP     50 26.20   2.5X
BRS    40.98 164 iPc    50 28.50   1.1
       1.2s    10.50nm          4.4mb X
                  i      50 38.00  32km
                  i      50 49.00
                  iS     56 39.50
LZH    41.17 312 Pc     50 30.00   0.9
       1.7s   140.00nm          5.4mb
     Z  30s      1.82um          4.8MszX
     E  11s      0.96um
                  pP     50 39.00  30km
                  sP     50 45.00
                  PP     52 08.00
                  eS     56 38.00
                  sS     56 50.00
CHG    41.19 285 ePd    50 31.20   1.9
       1.0s    25.00nm          4.9mb
                  eS     56 48.00
DZM    42.14 144 iPc    50 38.60   1.6
ARMA   43.60 167 eP     50 48.70  -0.1
       0.8s    33.00nm          5.2mb
                  i      50 59.20  36km
CMS    43.72 174 iPd    50 50.00   0.3
       0.4s     7.00nm          4.8mb
STK    43.90 180 eP     50 55.40   4.4X
       0.5s    48.40nm          5.5mb
                  i      51 05.40  34km
FORR   44.69 196 eP     50 57.50   0.0
GTA    45.47 314 Pc     51 04.20   0.3
       1.0s   100.00nm          5.7mb
     Z  28s      1.68um          4.8MszX
                  pP     51 15.50  40km
                  sP     51 21.00
                  PcP    52 44.00
                  PP     52 56.00
                  S      57 48.00
BWA    46.93 172 iPd    51 16.30   1.0
                  e      51 26.40  34km
ADE    47.03 183 eP     51 17.00   0.9
       0.6s   106.67nm          6.0mb
COOL   47.05 204 iPd    51 15.80  -0.5
SVA    47.54 129 eP     51 17.00  -3.3X
CAN    47.89 171 iPd    51 23.50   0.6
                  i      51 34.30  37km
MRWA   47.91 210 iPd    51 22.50  -0.5
       0.6s    38.00nm          5.6mb
SHL    48.27 293 eP     51 26.70   0.5
                  eS     58 06.00
BAL    48.72 208 iPd    51 28.90  -0.4
BFD    49.19 179 iPd    51 32.90   0.2
       0.4s    37.00nm          5.8mb
LSA    49.48 299 P      51 38.50   2.7X
                  sP     51 55.00
                  S      58 45.00
YAK    50.37 353 iPc+   51 41.10  -0.4
       1.5s   360.00nm          6.2mb
     Z  13s      0.70um          4.9MszX
     N  12s      0.40um
     E  12s      0.70um
                  ipP    51 50.00  30km
                  iPcP   53 04.00
                  iPP    53 52.00
                  iPPP   54 22.00
                  iS     58 52.00
                  ePS    59 00.00
                  iPSP   59 34.00
                  eScS   01 31.00
                  iSS    02 20.00
                  eSSS   03 52.00
ADK    52.02  32 eP     51 53.71  -0.5
       1.4s   315.34nm          6.1mb
                  epP    52 03.85  34km
GUN    53.85 296 P      52 08.50   0.0
PKI    54.23 295 P      52 10.90  -0.5
KKN    54.36 295 P      52 12.10  -0.1
DMN    54.50 295 P      52 13.20  -0.1
GKN    54.95 296 P      52 16.20  -0.3
WMO    55.53 315 P      52 21.00   0.7
       1.0s    37.00nm          5.4mb
     Z  18s      1.20um          5.0Msz
                  pP     52 28.50  25km
                  PcS    57 13.00
RUZ    60.20 150 eP     52 53.90   0.9
URZ    60.43 148 eP     52 54.50   0.0
                  e      53 05.40  37km
HYB    60.60 283 ePd    52 56.30   0.2
       1.0s    80.00nm          5.8mb
DIW    60.84 152 eP     52 57.40   0.1
PUZ    60.90 147 eP     52 57.10  -0.6
TCW    61.33 152 eP     53 00.10  -0.5
                  e      53 08.90  29km
KIW    61.35 151 eP     53 00.10  -0.7
MNG    61.43 151 eP     53 00.20  -1.1
       0.5s    53.00nm          5.9mb
NDI    61.51 296 iP     53 02.50   0.3
                  eS     01 22.00
MRW    61.55 152 eP     53 00.80  -1.2
CAW    61.62 151 eP     53 01.60  -1.0
LTZ    61.72 154 P      53 02.60  -0.7
       0.5s    29.00nm          5.7mb
EWZ    61.74 156 P      53 03.30   0.0
SDN    62.16  33 eP     53 04.48  -1.5
       1.0s   391.37nm          6.5mb X
KOD    62.46 275 eP     53 09.00  -0.1
KSH    63.24 308 eP     53 12.00  -1.7
ANM    63.76  23 eP     53 16.76   0.3
                  epP    53 25.70  29km
POO    64.96 285 iPc    53 23.80  -1.3
BOM    65 91 285 eP     53 29.80  -1.2
                  eS     02 10.50
SVW    66.48  28 eP     53 33.95  -0.2
       0.8s    74.72nm          5.8mb
                  epP    53 43.61  31km
PDB    66.77  30 eP     53 34.70  -1.2
TTA    66.89  26 eP     53 36.60  -0.2
       1.3s    44.90nm          5.4mb
                  epP    53 45.89  30km
KDC    67.10  32 (P)    53 36.17  -1.8
IMA    68.85  23 eP     53 49.00  -0.1
       1.1s    23.11nm          5.2mb
                  ipP    53 58.18  29km
SLKM   68.88  30 eP     53 47.28  -1.9
                  ipP    53 58.03  35km
PMR    69.63  29 eP     53 52.13  -1.5
       1.1s    37.01nm          5.4mb
                  ipP    54 02.13  32km
BRW    69.65  18 eP     53 54.28   0.6
                  epP    54 03.74  30km
RND    70.14  27 eP     53 55.84  -1.1
                  epP    54 04.93  29km
QUE    70.44 298 eP     54 00.50   1.0
       1.2s   107.03nm          5.8mb
                  ePP    54 10.60
                  eS     03 15.00
FBA    70.92  25 eP     54 00.24  -1.3
       1.3s    55.97nm          5.5mb
                  ipP    54 09.78  31km
TOA    71.10  28 eP     54 04.10   1.4
KLU    71.12  29 eP     54 01.63  -1.2
                  epP    54 11.98  33km
BALM   72.77  30 eP     54 11.09  -1.7
                  ipP    54 22.30  37km
AFR    74.26 112 iP     54 24.70   2.8X
       1.2s   180.00nm          5.9mb
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PPT     74.45 112 iP     54 26.00   2.9X
        1.2s   100.00nm          5.7mb
PAE     74.48 112 iP     54 25.90   2.7X
        1.2s   100.00nm          5.7mb
PPN     74.57 112 iP     54 26.30   2.6X
        1.2s   135.00nm          5.8mb
TVO     74.81 112 iP     54 28.30   3.1X
        1.2s   160.00nm          5.9mb
SIT     76.24  34 eP     54 43.20  10.6X
MAIO    76.25 305 iPd    54 35.00   1.8
                  eS     04 21.00
MBC     80.40  14 eP     54 56.00   0.9
        1.0s    18.00nm          5.0mb
BMW     84.98  44 eP     55 20.41   1.1
                  ipP    55 30.94  33km
GMW     85.05  43 iP     55 20.47   1.0
                  ipP    55 30.15  30km
YKA     85.64  27 eP     55 21.60  -0.6
        0.7s     6.20nm          4.9mb
RMW     85.71  42 eP     55 23.86   0.9
                  ipP    55 33.60  31km
SHW     85.71  44 eP     55 24.34   1.3
                  epP    55 34.25  31km
LON     85.87  43 eP     55 23.67  -0.1
                  epP    55 33.85  32km
KEV     86.66 341 iP     55 30.20   3.1X
        0.8s    30.80nm          5.6mb
PNT     86.68  40 eP     55 28.00   0.4
VGB     86.87  44 eP     55 28.85   0.2
                  ipP    55 39.47  33km
LTCM    87.18  50 eP     55 31.40   1.2
                  epP    55 41.47  32km
ORV     87.80  50 eP     55 33.26   0.1
                  ipP    55 43.78  33km
DPW     87.96  41 eP     55 34.72   0.8
                  epP    55 44.25  30km
OBN     88.24 326 iPd    55 33.50  -1.4
        1.6s   120.00nm          6.0mb
      Z  20s     1.20um          5.3Msz
                  i      55 46.50  43kmX
                  e      56 09.00
                  e      56 13.00
                  e      57 29.00
                  e      58 36.00
                  e      02 36.00
                  eSKS   06 16.00
                  eSKKS  06 36.00
ARN     88.31  52 eP     55 36.29   0.6
                  ipP    55 46.46  32km
NEW     88.55  41 P      55 37.30   0.6
        1.3s    44.34nm          5.6mb
                  pP     55 48.10  34km
BHD     89.00 304 ePc    55 49.00  10.0X
                  eS     06 30.00
CMB     89.02  51 P      55 40.00   0.9
        1.2s    11.81nm          5.1mb
                  pP     55 50.50  33km
MSL     89.22 307 ePc    55 40.00   0.0
                  ePP    59 16.00
                  eSKS   05 53.00
                  eS     06 30.00
                  e      09 03.00
DAG     90.35 355 eP     55 44.80   0.3
KAF     90.43 335 iP     55 44.10  -1.0
        0.8s    36.20nm          5.7mb
BONR    90.63  51 eP     55 47.68   0.7
                  ipP    55 57.85  32km
TNP     91.41  51 eP     55 50.70   0.3
        1.1s    11.86nm          5.2mb
                  ipP    56 01.18  33km
SES     91.62  38 eP     55 51.00   0.1
                  pP     56 02.00  35km
NUR     91.89 334 iP     55 51.00  -0.9
        0.8s    21.00nm          5.6mb
                  i      56 02.80  38km
LRM     92.35  42 eP     55 54.90   0.2
PEC     92.65  55 eP     55 56.30   0.3
        1.4s    17.66nm          5.3mb
                  epP    56 06.32  31km
PLM     93.05  55 P      55 58.80   0.8
DUG     94.01  48 eP     56 02.64   0.4
        1.2s     8.90nm          5.1mb
                  epP    56 13.40  34km
FFC     94.79  31 eP     56 05.00  -0.3
        1.2s    21.00nm          5.4mb
UPP     95.21 335 iP     56 06.70  -0.5
NB2     96.98 338 P      56 14.50  -0.8
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        1.2s     9.00nm          5.2mb
KSP    101.06 328 ePdiff56 33.80   0.1
                  e      56 44.30
VAY    102.38 317 ePdiff56 40.00   0.2
PRU    102.47 328 ePdiff56 51.30  11.3X
KHC    103.48 328 ePdiff56 45.50   0.9
                  e      56 56.50
GEC2   103.59 327 Pdiff 56 44.20  -1.0
        0.9s     1.49nm          4.8mb
BCAO   120.69 283 ePKPc 01 44.60   7.6X
        1.0s    15.00nm
                  ic     03 07.30
KIC    141.45 297 PKP   02 03.50 -12.8X
TACH   143.76 131 ePKP  02 18.00  -1.7
ROCH   144.02 130 ePKP  02 19.00  -1.5
SAN    144.05 131 ePKPd 02 18.70  -1.6
PCH    144.08 132 iPKPd 02 18.80  -1.6
PEL    144.18 131 iPKPd 02 19.30  -1.2
        1.2s   179.69nm
ARE    148.04 101 ePKP  02 27.00  -0.6
LPB    151.28 102 PKP   02 34.50   1.8
        1.1s    93.67nm
                  i      02 39.70
PPD    164.58 131 ePKP  02 49.40   1.5
                  e      03 44.90
      S.D. = 0.9  on 147 of 169 obs.
-----------------------------------
%  FEB  29, 1992  07h 11m 38.28± 0.72s
   47.092 N ± 6.8km    6.167 E ± 7.0km
   DEPTH =  10.0km  (geophysicist)
 FRANCE                            (538)
      ML 2.2 (LDG).

BSF      0.85  30 Pg     11 54.70  -0.1
                  Sg     12 08.50
HAU      0.92   8 Pg     11 56.00   0.1
                  Sg     12 10.00
LBF      1.50 267 Pg     12 05.10  -0.2
                  Sg     12 24.40
LOR      1.58 277 Pg     12 06.50   0.0
                  Sg     12 24.30
LPL      1.62 166 Pg     12 07.30   0.1
                  Sg     12 27.60
SMF      1.66 255 Pg     12 07.30  -0.2
                  Sg     12 29.50
SSF      1.82 270 Pg     12 10.20   0.3
                  Sg     12 33.90
      S.D. = 0.2  on   7 of   7 obs.
-----------------------------------
   FEB  29, 1992  07h 40m 33.21± 0.14s
   37.053 N ± 1.2km  116.163 W ± 1.3km
   DEPTH =   5.0km  (geophysicist)
 SOUTHERN NEVADA                   ( 41)
      ML 3.0 (GS).

BGB      0.05 254 ePd    40 35.02   0.2
SSP      0.14 199 iPd    40 36.49   0.3
CPY      0.15 146 iPc    40 36.82   0.5
TMBR     0.18 264 iPc    40 37.49   0.5
GLR      0.19  38 iPd    40 37.62   0.5
LOP      0.20 181 iPd    40 37.57   0.2
CDH1     0.23 213 iPd    40 38.04   0.1
YMT6     0.27 225 iPd    40 39.13   0.4
YMT5     0.28 237 iPd    40 39.17   0.3
YMT4     0.31 228 iPd    40 39.69   0.2
LSM      0.32 196 iPd    40 39.61  -0.2
YMT3     0.33 217 iPd    40 40.00   0.1
YMT1     0.35 236 iPd    40 40.68   0.3
YMT2     0.37 224 iPd    40 40.69   0.0
GMR      0.42  48 eP     40 42.11   0.4
MCY      0.42 157 ePc    40 41.82   0.1
BLT      0.43   4 eP     40 41.89   0.0
SDH      0.43 199 ePd    40 41.44  -0.4
BMTN     0.45 302 iPc    40 42.48   0.2
                  eS     40 48.47
SPRG     0.46 142 ePc    40 42.45   0.1
JON      0.61 175 iPd    40 45.22  -0.3
FMT      0.64 230 ePd    40 45.76  -0.3
TPU      0.69  36 ePd    40 45.56  -1.4
SGV      0.70 264 ePc    40 46.93  -0.3
AMR      0.70 201 ePd    40 46.68  -0.5
KRNA     0.71 346 ePd    40 47.47   0.1
                  eS     40 57.39
QCS      0.74  15 ePd    40 47.74  -0.3
CTS      0.75 324 iPc    40 48.03  -0.4
                  eS     40 58.45
EPR      0.79  81 ePc    40 48.92  -0.2
```

```
APKW     0.87 147 eP     40 50.29  -0.3
GMN      0.91 286 ePc    40 50.71  -0.5
NOP      0.92 179 ePc    40 51.00  -0.4
MTI      0.94  48 eP     40 52.28   0.5
                  eS     41 04.58
GVN      0.95 267 ePc    40 51.47  -0.3
PRN      0.96  68 eP     40 52.05   0.1
SHRG     0.98 124 eP     40 52.68   0.3
WRN      1.03  26 ePd    40 53.19  -0.1
HCR      1.20 350 ePd    40 56.30   0.1
TNP      1.33 321 iP     40 58.59   0.3
                  eS     41 16.38
BONR     1.92 299 iP     41 07.49   0.3
                  eS     41 35.27
ARUT     2.29  70 eP     41 12.35   0.0
                  eS     41 47.15
MSU      3.48  64 (P)    41 29.71   0.3
                  eS     42 22.79
PLM      3.74 189 eP     41 32.66  -0.3
                  eS     42 32.25
DUG      4.09  39 (P)    41 39.74   1.9X
                  eS     42 41.34
      S.D. = 0.4  on  43 of  44 obs.
-----------------------------------
   FEB  29, 1992  08h 39m 16.86± 1.10s
   5.417 S ± 4.2km  152.625 E ± 6.9km
   DEPTH =  49.0 ±  9.5 km
   5.0mb ( 16 obs.)  4.6Msz (  1 obs.)
 NEW BRITAIN REGION, P.N.G.        (192)

RAB      1.30 340 iPc    39 39.50   0.6
PMG      6.72 234 eP     40 57.00   1.5
                  eS     42 13.00
GUA     20.33 338 eP     43 51.20  -0.6
        0.9s   168.07nm          5.4mb
GUMO    20.39 338 eP     43 50.50  -1.9
RMQ     21.28 190 iPc    44 01.00  -0.4
                  i      44 05.80
DZM     21.28 142 iPc    44 02.10   0.6
BRS     21.85 180 iPd    44 06.50  -0.7
        1.0s     5.00nm          3.9mb X
MTN     22.45 249 eP     44 14.50   1.4
QLP     22.52 200 e(P)   44 14.00   0.3
WB2     22.90 229 iPc    44 18.20   0.7
        0.8s    10.60nm          4.3mb
WRA     22.91 229 P      44 08.80  -8.8X
        1.0s     0.40nm          2.8mb X
ARMA    24.89 182 eP     44 35.00  -1.8
ASPA    25.58 223 iPc    44 43.30   0.0
        0.7s    15.60nm          4.7mb
CMS     26.71 193 eP     44 52.00  -1.5
        1.0s    14.00nm          4.5mb
STK     28.28 200 eP     45 11.60   3.8X
        0.7s     2.40nm          3.9mb X
CAN     29.95 186 eP     45 22.10  -0.6
BFD     32.93 195 eP     45 48.00  -0.8
WHN     51.18 317 eP     48 17.60   0.2
GYA     54.63 308 P      48 43.00  -0.3
        1.0s     8.30nm          4.7mb
CN2     54.79 336 eP     48 41.00  -3.0X
XAN     56.95 317 P      48 58.00  -1.8
CHTO    58.10 296 eP     49 07.20  -0.9
        1.1s    13.25nm          5.0mb
CD2     59.01 311 eP     49 13.70  -0.6
HHC     59.44 325 P      49 17.00  -0.2
        1.0s    15.00nm          5.1mb
BTO     60.19 324 eP     49 22.00  -0.3
LZH     61.55 316 eP     49 32.00   0.3
        1.4s    41.00nm          5.4mb
      Z  18s     0.41um          4.6Msz
                  pP     49 43.50  39kmX
SHL     66.47 301 iP     50 03.50  -0.6
YAK     69.52 349 iPd    50 21.80  -0.4
        1.8s    70.00nm          5.3mb
GUN     72.29 301 P      50 40.00   0.0
PKI     72.60 301 P      50 41.60  -0.2
KKN     72.77 301 P      50 42.80   0.1
DMN     72.87 301 P      50 43.60   0.3
GKN     73.37 301 P      50 45.80  -0.3
WMQ     76.07 318 P      51 01.50   0.2
        1.2s    14.00nm          4.8mb
HYB     76.53 289 eP     51 03.50  -0.7
SVW     77.45  23 ePc    51 09.20   0.7
TTA     78.40  21 ePc    51 14.30   0.5
        1.1s    22.70nm          5.1mb
SLKM    79.30  25 eP     51 17.47  -1.1
PMR     80.32  24 ePc    51 23.80  -0.2
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        0.9s    20.70nm          5.1mb
IMA     81.09   19 ePc   51 28.80   0.6
        1.4s    37.50nm          5.1mb
RND     81.36   23 P     51 28.10  -1.5
KLU     81.61   25 P     51 30.70  -0.2
TOA     81.79   25 ePc   51 32.90   1.1
FBA     82.52   22 ePc   51 34.70  -0.8
        0.9s    33.90nm          5.4mb
BALM    82.95   26 P     51 37.30  -0.6
KSH     83.18  311 P     51 42.70   3.1X
BRW     83.40   15 ePc   51 40.50   0.7
QUE     88.96  300 eP    52 08.90   0.6
BONR    92.56   52 P     52 25.90   1.0
TNP     93.43   52 P     52 29.10   0.3
        0.4s    3.63nm          5.2mb
MBC     94.75   14 eP    52 34.50   0.7
YKA     96.05   28 eP    52 38.90  -1.1
        0.9s    4.80nm          5.0mb
SES     98.18   40 eP    52 50.00   0.1
GEC2   124.49  328 PKP   58 11.80  -0.7
        0.6s    0.68nm
BSF    128.63  331 ePKP  58 21.30   0.8
        1.1s   17.10nm
LOR    130.42  332 ePKP  58 25.10   1.3
        0.9s    4.10nm
LBF    130.58  332 ePKP  58 25.20   1.0
SSF    130.74  332 ePKP  58 25.80   1.4
        0.9s    3.30nm
SMF    130.89  332 ePKP  58 25.80   1.1
        1.1s    8.55nm
TCF    131.91  333 ePKP  58 28.00   1.3
        1.1s    8.55nm
LPF    131.94  336 ePKP  58 28.20   1.6
        0.9s    8.20nm
LPB    134.20  119 PKP   58 36.00   3.6X
BCAO   134.26  271 ePKPc 58 40.00   7.9X
        0.5s    3.00nm
PPD    144.03  140 (PKP) 58 59.00   9.4X
AVE    146.61  329 ePKP  59 08.50  14.9X
                    i    59 11.00
TIO    148.36  326 iPKP  59 00.50   3.9X
     S.D. = 0.9  on  57 of  66 obs.
-----------------------------------
*  FEB  29, 1992  11h 16m 20.82± 1.69s
   14.167 N ± 7.3km  146.628 E ±14.2km
   DEPTH =  61.3 ± 12.3 km
   4.3mb (  4 obs.)
 MARIANA ISLANDS                (216)

SAPN    1.34  321 eP    16 43.80   0.1
                eS    17 03.60
GUA     1.78  250 eP    16 50.00   0.2
PJG     1.81  252 eP    16 50.00  -0.1
GUMO    1.81  252 eP    16 49.90  -0.2
                eS    17 16.30
WB2    35.98  200 eP    23 16.90  -0.9
        0.8s    5.00nm          4.5mb
TIY    38.33  314 eP    23 38.00   0.5
     Z  16s    0.71um          4.6MszX
GYA    39.27  295 P     23 47.60   2.1X
ASPA   39.61  198 eP    23 49.00   0.8
        1.0s    3.50nm          4.2mb
BTO    41.36  317 eP    24 03.20   0.6
LZH    44.01  308 eP    24 24.00  -0.3
        2.0s   25.00nm          4.6mb
GUN    57.81  294 P     26 08.60  -0.4
WMQ    57.99  313 eP    26 09.80   0.2
GKN    58.91  294 P     26 16.00  -0.4
YKA    81.56   28 eP    28 31.80  -1.1
        0.7s    0.60nm          3.7mb
KEV    86.50  342 eP    29 15.00  17.1X
SES    86.89   39 eP    29 01.00   0.8
KAF    90.89  336 eP    29 17.80  -1.0
NUR    92.45  335 eP    29 25.60  -0.4
KIC   145.03  304 PKP   35 54.10   0.3
TIC   145.09  304 PKP   35 54.20   0.3
LIC   145.34  304 PKP   35 55.20   0.9
LPB   146.45   99 PKP   36 00.00   3.4X
     S.D. = 0.7  on  19 of  22 obs.
-----------------------------------
   FEB  29, 1992  13h 06m 07.43± 0.38s
   42.354 N ± 3.4km   19.828 E ± 3.1km
   DEPTH =   5.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION     (383)
      ML 2.3 (TIR), 2.0 (TTG).

BCI     0.18   86 iPgc  06 09.70  -1.4
                iSg    06 13.70
PVY     0.26   24 iPgd  06 13.00   0.2
                iSg    06 16.99
PUK     0.31  171 iPgd  06 11.30  -2.5X
                iSg    06 15.30
SDA     0.42  216 ePg   06 15.30  -0.5
                iSg    06 21.70
TTG     0.43  280 iPgd  06 16.75   0.7
                iSg    06 22.83
KKS     0.51  122 ePg   06 18.00   0.3
                iSg    06 25.40
IVA     0.52    6 iPgc  06 17.83   0.0
                iSg    06 25.34
ULC     0.58  228 iPgd  06 19.33   0.3
                iSg    06 28.57
LACI    0.72  187 ePg   06 21.00  -0.9
                iSg    06 32.00
BDV     0.75  265 iPgc  06 22.42   0.1
                iSg    06 33.79
NKY     0.77  307 iPgc  06 22.58  -0.3
                iSg    06 33.63
PHP     0.81  145 ePg   06 20.20  -3.3X
HCY     0.99  276 iPgc  06 26.65   0.0
                iSg    06 41.28
PLE     1.03  342 iPgd  06 27.10  -0.3
                iSg    06 42.08
BRY     1.09  300 iPgd  06 28.44  -0.1
                iSg    06 44.79
SKO     1.26  107 ePg   06 32.60   1.4
                iSg    06 49.50
OHR     1.44  149 ePn   06 34.80   0.6
     S.D. = 0.7  on  15 of  17 obs.
-----------------------------------
   FEB  29, 1992  14h 07m 09.80± 0.22s
   53.626 N ± 3.9km  164.806 W ± 2.8km
   DEPTH =  33.0km  (normal)
   4.8mb ( 36 obs.)  4.7Msz (  7 obs.)
 UNIMAK ISLAND REGION            ( 10)
      ML 4.8 (PMR).

SDN     3.04   54 ePd   07 56.74   0.0
                eS     08 33.51
ADK     7.42  261 eP    08 59.40   1.0
        0.5s   32.03nm          5.6mb X
MCNL    8.04   42 eP    09 06.98  -0.2
KDC     8.09   54 eP    09 06.80  -1.0
CDD     8.17   45 eP    09 08.12  -0.8
PDB     8.49   39 eP    09 13.06  -0.3
SYI     8.54   49 eP    09 12.56  -1.5
SVW     8.98   30 eP    09 21.77   1.5
        0.7s   45.97nm          5.8mb X
RDW     9.47   39 eP    09 26.23  -0.8
RSO     9.48   39 eP    09 29.19   2.0
CNPM    9.53   46 eP    09 26.21  -1.5
RDT     9.68   39 eP    09 29.51  -0.4
CKL    10.12   37 eP    09 37.14   1.2
SPU    10.21   37 eP    09 36.92  -0.2
NCG    10.33   36 eP    09 39.86   1.1
TTA    10.40   23 eP    09 40.44   0.7
        0.8s   13.92nm          5.2mb X
SLKM   10.50   43 eP    09 39.52  -1.5
SEW    10.60   46 eP    09 39.66  -2.7X
SUA    10.88   38 eP    09 44.39  -1.9X
SKT    10.94   35 eP    09 47.27   0.2
ANM    10.98  359 eP    09 48.43   0.9
PMS    11.19   41 eP    09 48.00  -2.4X
PWA    11.32   39 eP    09 50.80  -1.3
PMR    11.56   40 eP    09 54.10  -1.3
        0.3s    0.98nm          4.5mb
CUT    11.67   35 eP    09 56.21  -0.6
GHO    11.75   40 eP    09 56.95  -1.1
SML    12.00   40 eP    09 59.34  -2.0X
VZW    12.32   46 eP    10 02.32  -3.3X
SGAM   12.66   49 eP    10 06.55  -3.6X
KLU    12.80   45 eP    10 08.27  -3.8X
TOA    13.01   42 eP    10 12.60  -2.2X
SDG    13.49   41 eP    10 18.56  -2.5X
IMA    13.64   19 eP    10 26.11   2.9
        0.8s   10.03nm          4.7mb
GLB    13.67   47 eP    10 20.91  -2.6X
BALM   14.16   49 eP    10 27.38  -2.6X
FBA    14.20   31 eP    10 28.00  -2.3X
YAH    14.21   52 eP    10 29.22  -1.5X
BRW    18.10    8 eP    11 21.01   1.2
YKA    27.32   51 eP    12 52.40  -0.6
        1.1s    7.90nm          4.3mb
PNT    28.10   80 eP    13 06.00   5.7X
MBC    28.37   21 eP    13 02.50   0.2
        0.5s    3.00nm          4.2mb
BONR   35.31   97 eP    14 04.36   0.5
FFC    35.70   62 eP    14 11.00   4.3X
        0.7s    4.00nm          4.5mb
TNP    35.87   96 eP    14 08.83   0.3
        1.1s   19.38nm          4.9mb
BCH    36.15  102 eP    14 11.26   0.4
CWC    36.46   99 eP    14 15.00   1.5
ISA    36.76  100 eP    14 16.00   0.1
DUG    37.13   90 iPd   14 19.59   0.6
        0.9s    5.29nm          4.4mb
CLC    37.17   99 eP    14 19.00  -0.3
BW06   37.48   84 eP    14 22.00  -0.1
        1.1s    4.36nm          4.2mb
SBB    37.82  101 eP    14 24.00  -0.8
ARUT   38.30   93 ePd   14 29.85   0.9
RVR    38.57  101 eP    14 31.00   0.0
MSU    38.58   91 eP    14 31.84   0.5
PEC    38.77  101 eP    14 33.73   1.0
        0.9s    4.4Bnm          4.3mb
SRU    39.18   89 eP    14 35.57  -0.7
TPC    39.27  100 eP    14 37.00   0.1
PLM    39.33  101 eP    14 37.67   0.1
BAR    39.92  102 eP    14 43.00   0.7
RSSD   39.94   78 eP    14 43.90   1.4
        0.7s    3.81nm          4.3mb
GLA    40.74  100 eP    14 50.00   1.0
GOL    41.B6   85 eP    14 58.20  -0.2
MAT    42.48  270 eP    15 03.00  -0.2
        1.4s   58.14nm          5.1mb
ANMO   44.37   91 eP    15 1B.80   0.0
        1.6s   23.30nm          4.8mb
CN2    45.31  287 Pc    15 25.00  -0.9
        0.6s    7.00nm          4.7mb
     Z  20s    0.67um          4.6Msz
SNY    47.62  286 eP    15 44.40   0.2
DAG    48.10   10 eP    15 47.00  -0.5
        0.8s   13.43nm          5.0mb
TUL    50.04   81 e(P)  16 02.20  -0.8
        0.7s    5.10nm          4.7mb
LNO    50.04   81 e(P)  16 02.20  -0.7
VVO    50.47   82 e(P)  16 05.90  -0.3
FVM    51.76   76 eP    16 14.25  -1.7
        0.5s   17.34nm          5.3mb
BJI    53.00  289 eP    16 25.00  -0.2
     Z  20s    0.90um          4.8Msz
HHC    55.01  293 eP    16 40.00  -0.1
        1.2s   11.00nm          4.8mb
PWLA   55.21   77 eP    16 39.92  -1.6
BTO    56.03  294 eP    16 47.50   0.0
TIY    56.71  290 eP    16 52.00  -0.4
     Z  20s    0.75um          4.8Msz
XAN    61.33  289 eP    17 24.00  -0.4
GTA    62.31  299 P     17 30.00  -1.0
        1.0s   10.00nm          4.9mb
     Z  18s    0.52um          4.7Msz
                pP     17 35.00  16kmX
LZH    62.63  294 eP    17 32.50  -0.7
        1.6s   29.00nm          5.2mb
     Z  20s    0.54um          4.7Msz
                pP     17 39.50  23kmX
KAF    64.27  354 eP    17 41.40  -2.0
        0.6s    9.00nm          5.0mb
WMQ    64.88  310 eP    17 47.00  -0.7
     Z  16s    0.74um          5.0MszX
NB2    65.64    2 P     17 51.60  -0.7
        1.0s    6.20nm          4.7mb
NUR    65.96  355 eP    17 54.10  -0.1
CD2    66.56  291 eP    17 59.00   0.4
GYA    68.31  285 P     18 09.80   0.1
        1.2s   24.00nm          5.2mb
                sP     18 24.40
OBN    70.21  347 eP    18 20.00  -0.8
                e      18 25.00
CLL    75.42    1 e(P)  18 52.00   0.5
                e      19 10.00
GRF    77.00    3 eP    19 00.50   0.1
        1.2s   12.00nm          4.8mb
SPC    77.47  357 eP    19 02.60  -0.7
GEC2   77.90    1 PKP   19 04.50  -1.0
        0.9s    1.71nm          4.1mb X
GEC2   77.90    1 PKP   19 08.00   2.5X
        0.8s    1.79nm          4.2mb
GUN    78.4B  302 P     19 09.00  -0.4
        0.8s   24.00nm          5.3mb
ZST    78.54  359 eP    19 09.20   0.3
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BSF     78.67   6 eP     19 10.20   0.4
CHG     78.69 286 eP     19 10.00  -0.2
CHTO    78.69 286 eP     19 10.00  -0.2
        1.2s      7.29nm          4.6mb
KKN     78.88 302 P      19 11.00  -0.4
        0.8s     17.00nm          5.1mb
PKI     79.00 302 P      19 11.10  -1.1
LOR     79.02   8 eP     19 11.90   0.3
        0.8s      6.05nm          4.6mb
      Z  19s      0.17um          4.4Msz
GKN     79.03 303 P      19 11.50  -0.7
        0.9s     41.00nm          5.4mb
DMN     79.12 302 P      19 13.20   0.4
        0.8s     27.00nm          5.3mb
SSF     79.20   8 eP     19 12.90   0.4
        0.8s      5.35nm          4.6mb
LBF     79.31   8 eP     19 13.30   0.1
AVF     79.45   8 eP     19 14.20   0.3
        0.8s      5.35nm          4.6mb
SMF     79.64   8 eP     19 15.00   0.1
        0.8s      6.05nm          4.6mb
KBA     79.66   1 iPd    19 16.10   0.9
        0.8s     10.90nm          4.9mb
LSF     79.82  10 eP     19 16.40   0.5
MAF     79.95   9 eP     19 17.70   1.1
SBF     82.66   6 eP     19 31.40   0.5
        0.7s      6.60nm          4.8mb
FRF     82.91   6 eP     19 33.20   1.1
LRG     83.00   6 eP     19 33.80   1.2
        0.9s      8.20nm          4.8mb
      Z  18s      0.17um          4.5Msz
PGF     84.05   5 eP     19 39.10   1.0
SKO     84.63 355 eP     19 41.60   0.7
OUE     85.26 317 eP     19 44.50   0.0
OHR     85.51 356 eP     19 45.80   0.4
HYB     90.92 301 eP     20 11.50  -0.1
BUL    145.02 338 iPKPd 26 44.00  -1.3
        1.0s    505.00nm
WIN    148.95 357 e(PKP)26 53.00   1.3
SLR    150.48 336 iPKPc 26 57.50   3.7X
SEK    153.12 335 e(PKP)27 07.20   9.6X
FRS    155.02 339 ePKP  27 08.60   8.7X
     S.D. = 0.9  on 102 of 121 obs.
-----------------------------------
?  FEB  29, 1992  14h 12m 32.97± 4.62s
   38.965 N ±31.5km   23.342 E ±24.4km
   DEPTH =  10.0km  (geophysicist)
 GREECE                            (364)
     MD 2.4 (THE).

AGG      0.79 274 ePg    12 48.34   0.0
                  eSg    13 00.94
PAIG     1.00  15 ePb    12 51.86   0.0
                  eSb    13 07.22
LIT      1.31 330 ePb    12 57.34   0.1
                  eSb    13 19.30
GRG      2.12 340 ePn    13 08.66  -0.2
     S.D. = 0.2  on   4 of   4 obs.
-----------------------------------
&  FEB  29, 1992  14h 37m 56.53s
   59.938 N          152.727 W
   DEPTH = 100.1km
 SOUTHERN ALASKA                   (  2)
     <AEIC>.

IVS      0.19 292 eP     38 11.50   1.8
INE      0.21 306 eP     38 10.82   1.2
                  eS     38 22.26
INW      0.24 303 eP     38 11.25   1.6
RED      0.48 357 ePd    38 11.88  -0.7
                  eS     38 24.29
RS1      0.52 358 ePd    38 12.42  -0.6
RSO      0.53 359 ePd    38 12.40  -0.6
RS2      0.53 358 ePd    38 12.43  -0.6
                  eS     38 25.72
RDW      0.55 356 iPd    38 12.48  -0.7
REF      0.55   1 iPd    38 12.56  -0.6
                  eS     38 25.36
RDT      0.66  14 iPd    38 13.09  -0.8
                  eS     38 26.34
AUE      0.67 210 eP     38 13.29  -0.6
AUP      0.68 212 eP     38 13.41  -0.7
                  eS     38 27.33
NNL      0.73  81 iPc    38 14.81   0.4
PDB      0.75 259 iPd    38 13.77  -0.9
                  eS     38 27.17
CNPM     0.86 118 iPc    38 14.93  -0.9
                  eS     38 29.51
BRLK     0.95 100 iPc    38 15.89  -0.8
                  eS     38 31.16
MCNL     1.11 228 eP     38 17.15  -1.4
CDD      1.11 205 eP     38 16.98  -1.6
CKL      1.28   8 iPd    38 19.75  -0.8
SPU      1.29  15 iPd    38 19.75  -0.9
                  eS     38 38.23
CKN      1.32  12 iPd    38 20.27  -0.7
BGL      1.34   7 iPd    38 20.62  -0.7
SYI      1.34 172 ePd    38 19.69  -1.5
                  eS     38 38.04
CRP      1.36  12 eP     38 20.75  -0.9
SLKM     1.38  64 ePc    38 20.40  -1.3
CGLM     1.42  14 iPd    38 21.48  -0.8
                  eS     38 40.98
NCG      1.50  11 ePd    38 22.44  -0.8
SEW      1.65  83 eP     38 23.69  -1.4
SUA      1.82  32 ePd    38 26.50  -0.8
                  eS     38 49.46
SVW      1.85 311 ePd    38 25.97  -1.7
PMS      2.04  49 eP     38 29.41  -0.8
SKT      2.13  15 ePd    38 29.91  -1.5
PLRM     2.42  45 eP     38 33.10  -2.1
LTI      2.45  85 eP     38 33.58  -2.0
MTU      2.55  87 eP     38 35.33  -1.7
GHO      2.62  44 eP     38 36.04  -1.9
CUT      2.75  25 eP     38 38.46  -1.1
SML      2.85  47 eP     38 38.60  -2.5
GLI      2.95  69 eP     38 40.38  -2.0
        39 obs. associated
-----------------------------------
*  FEB  29, 1992  16h 17m 19.92± 0.84s
   26.689 S ± 4.5km   64.936 W ± 4.8km
   DEPTH =  23.2 ±  6.1 km
   5.2mb ( 14 obs.)
 TUCUMAN PROVINCE, ARGENTINA       (131)
     Some damage in the San Miguel de
     Tucuman area.

CYA      1.91 203 iP     17 52.50   1.0
CFA      5.69 210 iPd    18 44.20  -1.0
ANT      5.78 300 eP     18 46.50   0.0
                  eS     20 20.50
RTCB     5.85 214 iPc    18 47.20  -0.4
PEL      8.14 216 iPc    19 16.50  -3.1X
ROCH     8.19 219 eP     19 17.00  -3.4X
SAN      8.37 215 eP     19 20.00  -2.8X
                  iS     21 35.20
PCH      8.43 214 eP     19 21.00  -2.7X
IHA      8.59 221 eP     19 26.00   0.2
                  e(S)   20 25.90
RFA      8.61 200 iPc    19 23.40  -2.7X
TACH     8.67 215 eP     19 22.50  -4.4X
CHCH     8.75 213 iPc    19 24.50  -3.5X
CACH     8.87 212 iP     19 27.20  -2.6X
LNV      9.15 216 iPd    19 28.00  -5.5X
LPA     10.16 145 eP-    19 54.00   6.5X
LPB     10.53 343 Pd     19 54.00   1.1
        1.0s    180.00nm          6.3mb X
ARE     11.86 328 e(P)   20 16.00   5.0X
PPD     13.25  72 eP     20 29.20  -0.1
NNA     18.42 320 eP     21 36.00   0.4
PDCR    28.02  65 eP     23 08.40  -3.0X
SDV     35.79 350 eP     24 17.10  -2.6X
TOV     36.56 352 eP     24 24.70  -1.3
LHS     62.67 345 eP     27 43.51  -1.4
SPA     63.47 180 iPc    27 50.80   0.6
        0.9s     45.45nm          5.6mb
LIC     66.56  70 P      28 11.20   0.6
TIC     66.79  69 P      28 12.50   0.4
KIC     66.87  70 P      28 13.10   0.5
VVO     68.22 333 eP     28 19.60  -1.1
TUL     68.74 333 e(P)   28 23.10  -0.8
        0.5s      6.40nm          5.0mb
LNO     68.74 333 eP     28 22.90  -0.9
CER     71.35 118 iPd    28 39.00  -1.1
        1.0s     84.00nm          5.8mb
                  e      28 44.50
ANMO    72.81 325 eP     28 48.00  -0.8
GLA     76.02 319 eP     29 07.00  -0.2
BAR     76.87 317 eP     29 12.00   0.1
PLM     77.45 318 eP     29 14.86  -0.5
FRS     77.46 117 eP     29 14.40  -0.9
        0.7s     41.10nm          5.6mb
TPC     77.48 319 eP     29 15.00  -0.3
PEC     78.00 318 eP     29 18.26   0.1
        0.7s      4.35nm          4.6mb
SRU     78.09 325 eP     29 18.68   0.0
RVR     78.20 318 eP     29 19.00  -0.2
MSU     78.49 324 eP     29 21.59   0.6
ARUT    78.64 323 eP     29 22.57   0.8
EMUT    78.77 326 eP     29 22.55   0.0
SBB     78.95 318 eP     29 23.00  -0.4
RSSD    79.04 332 eP     29 23.79  -0.1
DAU     79.44 326 eP     29 26.80   0.6
CLC     79.59 319 eP     29 27.00   0.2
SEK     79.89 117 iPc    29 28.20  -0.6
        0.7s     23.97nm          5.3mb
ABL     79.90 317 eP     29 28.97   0.3
ISA     80.00 318 eP     29 29.00   0.0
DUG     80.07 325 eP     29 29.68   0.3
        0.9s      3.98nm          4.4mb
PRY     80.35 115 eP     29 30.00  -1.3
        0.6s      7.14nm          4.9mb
                  i      29 36.00
BW06    80.41 328 eP     29 30.00  -1.3
BCH     80.65 317 eP     29 32.68   0.1
TNP     80.94 321 eP     29 34.33   0.2
        1.0s      9.58nm          4.8mb
HVU     81.22 326 eP     29 35.22  -0.3
BONR    81.47 320 eP     29 37.60   0.6
SLR     81.51 114 iPc    29 36.00  -1.4
        0.9s     42.02nm          5.5mb
                  i      29 42.30
PTI     81.83 327 eP     29 39.29   0.7
                  epP    30 20.43 166kmX
ARN     82.96 318 eP     29 44.59   0.2
LRM     84.08 329 eP     29 50.90   0.7
BUL     84.21 110 iPd    29 52.00   0.6
        1.0s     25.00nm          5.4mb
                  iPP    29 56.20
ORV     84.39 320 eP     29 52.10   0.5
BCAO    86.15  83 iPd    30 02.40   1.4
        0.8s     11.00nm          5.1mb
SES     86.92 332 eP     30 04.00   0.1
FFC     87.11 340 iPd    30 04.90   0.2
        0.9s     13.00nm          5.2mb
NEW     88.04 328 eP     30 08.00  -1.4
DPW     88.28 327 eP     30 10.60   0.0
GMW     90.35 325 (P)    30 20.76   0.5
YKA     97.29 339 eP     30 50.40  -1.2
        0.8s      4.10nm          5.0mb
ASPA   126.73 202 iPKPd 36 23.50  -0.3
        0.6s      8.90nm
WB2    130.01 204 ePKP  36 29.80  -0.3
        1.0s      6.60nm
WRA    130.02 204 PKP   36 30.50   0.4
        0.9s      4.90nm
YAK    143.34 348 ePKP  36 49.70  -3.7X
        1.2s     50.00nm
HYB    145.03  98 iPKPd 36 57.20  -0.4
        1.0s     45.00nm
GKN    152.97  80 PKP   37 11.00   1.1
IRK    153.20  15 ePKP  37 11.20   2.0
        1.2s     24.00nm
DMN    153.35  81 PKP   37 11.60   1.0
KKN    153.52  81 PKP   37 11.60   0.8
PKI    153.62  81 PKP   37 11.80   0.8
GUN    154.06  81 PKP   37 15.80   4.1X
     S.D. = 0.8  on  66 of  81 obs.
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?  FEB  29, 1992  16h 23m 16.18± 2.34s
   15.804 N ±11.5km   61.712 W ±51.7km
   DEPTH = 140.0km  (geophysicist)
 LEEWARD ISLANDS                   ( 92)

BBL      0.36 141 eP     23 36.83  -0.2
MGG      0.40  73 eP     23 36.97  -0.1
DEG      0.81  51 eP     23 38.86   0.2
                  S      23 55.20
FDF      1.19 153 iPd    23 42.57   0.4
       0.1s      0.40nm
CRM      1.30 144 iPd    23 42.95  -0.2
                  S      24 04.20
BIM      1.42 154 eP     23 44.63   0.1
MVM      1.47 147 eP     23 44.83  -0.2
                  S      24 07.50
     S.D. = 0.3  on   7 of   7 obs.
-----------------------------------
%  FEB  29, 1992  16h 25m 42.24± 0.70s
   42.653 N ± 4.0km   18.604 E ± 6.0km
   DEPTH =  10.0km  (geophysicist)
 NORTHWESTERN BALKAN REGION        (383)
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29d 16h

ML 1.7 (TTG).

HCY	0.22	201	iPgd	25 46.98	0.0
			iSg	25 50.69	
BRY	0.25	350	iPgc	25 47.70	0.1
			iSg	25 51.45	
NKY	0.33	61	iPgd	25 49.13	0.0
			iSg	25 54.20	
BDV	0.40	156	iPgc	25 50.60	0.1
			iSg	25 56.66	
TTG	0.53	114	iPgc	25 52.69	-0.4
			iSg	26 00.79	
ULC	0.84	145	iPgc	25 58.44	0.0
			iSg	26 11.10	
PLE	0.89	40	iPgc	25 59.15	-0.3
			iSg	26 12.65	
IVA	0.98	77	iPgd	26 01.03	0.2
			iSg	26 15.44	
PVY	1.01	93	iPgc	26 01.90	0.4
			iSg	26 16.90	

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

% FEB 29, 1992 16h 26m 57.99± 0.68s
42.652 N ± 3.9km 18.602 E ± 5.8km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.7 (TTG).

HCY	0.22	201	iPgd	27 02.70	0.0
			iSg	27 06.24	
BRY	0.25	350	iPgc	27 03.44	0.0
			iSg	27 07.61	
NKY	0.33	61	iPgd	27 05.01	0.1
			iSg	27 10.50	
BDV	0.40	156	iPgc	27 06.34	0.1
			iSg	27 12.49	
TTG	0.53	114	iPgd	27 08.75	-0.1
			iSg	27 17.24	
ULC	0.84	145	iPgc	27 14.14	-0.1
			iSg	27 27.27	
PLE	0.89	40	iPgc	27 15.07	-0.1
			iSg	27 29.10	
IVA	0.98	77	iPgd	27 16.61	0.0
			iSg	27 32.15	
PVY	1.01	93	iPgd	27 17.34	0.1
			iSg	27 32.94	

S.D. = 0.1 on 9 of 9 obs.

FEB 29, 1992 16h 42m 33.69± 0.33s
45.872 N ± 3.4km 10.784 E ± 3.0km
DEPTH = 7.6 ± 2.2 km
NORTHERN ITALY (545)
ML 3.2 (VIE). MD 3.1 (TRI), 3.1 (ROM), 3.1 (LJU).

SAL	0.32	214	Pc	42 41.80	1.6
			eSg	42 49.00	
CTI	0.63	73	Pc	42 44.20	-2.1
			eSg	42 51.60	
MDI	0.76	263	P	42 49.70	1.0
			eSn	43 02.10	
OSS	0.93	332	ePd	42 51.40	-0.4
OGA	1.01	9	iPgd	42 52.20	-1.0
			iSg	43 04.20	
VDL	1.10	304	ePc	42 55.20	0.5
VVI	1.15	84	P	42 55.08	-0.4
TMA	1.35	281	ePc	43 00.30	1.3
SOTA	1.38	12	iPgd	42 58.80	-0.6
			iSg	43 16.10	
VAI	1.41	271	P	43 00.80	1.2
			eSn	43 19.00	
BOB	1.45	221	P	43 01.80	1.4
			eSg	43 25.10	
FVI	1.56	62	P	43 01.00	-0.8
			eSn	43 19.50	
LLS	1.59	310	ePc	43 03.60	1.2
MME	1.68	182	P	43 07.59	3.8X
BDI	1.81	184	P	43 08.90	3.3X
			eSn	43 33.00	
ORX	1.98	264	P	43 12.03	4.1X
			S	43 37.70	
ORO	1.98	264	P	43 09.00	1.0
			eSn	43 34.00	
PCP	2.07	231	P	43 09.99	0.8
			S	43 34.21	
TRI	2.09	93	P	43 10.03	0.5
SFI	2.09	158	P	43 09.40	-0.1
			eSn	43 38.00	
PGD	2.10	161	P	43 10.50	0.6
			eSn	43 40.00	
KBA	2.14	55	iPgd	43 12.00	1.6
			iSg	43 38.00	
PII	2.16	185	P	43 12.40	1.9
			eSn	43 41.00	
VOY	2.18	85	ePn	43 12.10	1.3
			eSn	43 39.80	
CKI	2.29	232	P	43 13.30	0.9
BHG	2.34	37	iPd	43 18.90	5.7X
DIX	2.36	276	ePd	43 14.00	0.3
CRE	2.39	159	P	43 14.10	0.1
FIN	2.47	229	P	43 14.86	-0.1
			S	43 44.90	
CEY	2.55	92	e(Pn)	43 20.00	3.9X
			eSn	43 52.00	
LSD	2.58	262	P	43 19.92	3.2X
RSP	2.58	255	P	43 14.58	-2.1
			S	43 44.24	
RIY	2.58	101	e(Pn)	43 20.10	3.6X
			iSn	43 51.70	
ROB	2.60	234	P	43 16.97	0.2
LJU	2.62	85	ePn	43 21.50	4.4X
			eSn	43 53.40	
BHB	2.69	249	P	43 14.73	-3.3X
EMS	2.69	276	ePd	43 20.70	2.4X
FEL	2.76	318	ePn	43 21.51	2.3
ARV	2.83	146	P	43 20.00	-0.1
IMI	2.84	227	P	43 19.71	-0.6
LPG	2.85	264	Pn	43 21.10	0.5
DOI	2.85	243	P	43 22.70	2.2
LPL	2.86	264	Pn	43 20.90	0.2
			Sn	43 55.10	
ENR	2.90	237	P	43 19.83	-1.3
PZZ	2.94	244	P	43 19.36	-2.4
STV	2.94	238	P	43 20.15	-1.6
RRL	2.97	253	P	43 21.51	-0.8
ASS	3.11	154	P	43 24.30	0.3
SBF	3.11	231	Pn	43 23.80	-0.3
			Pg	43 31.60	
VBY	3.16	95	ePn	43 29.90	5.3X
			iSn	44 13.20	
GRC1	3.17	9	e(Pn)	43 33.10	8.3X
BSF	3.37	307	Pn	43 28.40	0.6
			Pg	43 39.80	
			Sn	44 08.60	
			Sg	44 26.00	
CDF	3.49	318	Pn	43 30.30	0.8
			Sn	44 12.50	
			Sg	44 27.90	
PGF	3.56	202	Pn	43 29.00	-1.5
			Pg	43 39.40	
			Sn	44 08.90	
PTJ	3.61	88	e(Pn)	43 40.50	9.2X
			eSn	44 17.00	
HAU	3.71	307	Pn	43 33.10	0.5
			Pg	43 45.70	
			Sn	44 17.30	
			Sg	44 36.50	
FRF	3.75	233	Pn	43 32.10	-1.0
			Sn	44 14.20	
KHC	3.77	29	Pn	43 50.00	16.5X
	0.8s		5.00nm		
			Sn	44 30.50	
			e	44 41.00	
LMR	3.97	232	Pn	43 35.20	-1.0
			Pg	43 48.60	
LRG	3.97	234	Pn	43 35.20	-1.1
LBF	4.84	286	Pn	43 48.10	-0.5
			Sn	44 42.80	
SMF	4.88	282	Pn	43 48.40	-0.7
			Sn	44 44.10	
LOR	4.98	289	Pn	43 50.10	-0.4
			Sn	44 47.10	
SSF	5.17	286	Pn	43 52.70	-0.5
			Sn	44 52.10	
AVF	5.23	283	Pn	43 53.10	-1.0
			Sn	44 51.90	
MAF	5.73	276	Pn	44 00.00	-1.2
TCF	5.98	277	Pn	44 03.60	-1.1
			Sn	45 10.10	

S.D. = 1.2 on 53 of 67 obs.

& FEB 29, 1992 17h 00m 44.30s
62.425 N 149.363 W
DEPTH = 51.3km

CENTRAL ALASKA (1)
<AEIC>. ML 3.3 (AEIC), 3.4 (PMR).

CUT	0.42	268	iPd	00 54.35	-0.5
HUR	0.57	347	iPd	00 55.94	-0.6
			eS	01 05.27	
GHO	0.69	162	iPc	00 57.51	-0.6
			eS	01 08.47	
SML	0.79	142	iPc	00 58.52	-0.9
			eS	01 10.62	
PWA	0.81	198	iPc	00 59.10	-0.6
PLRM	0.84	172	iPc	00 59.21	-0.9
			eS	01 11.62	
PMR	0.84	172	iPc	00 59.70	-0.4
RND	1.01	13	iPd	01 01.40	-1.1
			eS	01 14.67	
KNK	1.10	157	iPc	01 03.18	-0.5
			eS	01 17.33	
SKT	1.11	247	iPc	01 02.67	-1.1
			iS	01 18.13	
TRF	1.11	338	iPc	01 03.00	-1.0
SUA	1.16	215	iPc	01 04.02	-0.6
PMS	1.19	185	ePc	01 04.30	-0.6
MCK	1.33	8	eP	01 05.90	-0.9
			eS	01 23.17	
KTH	1.34	329	iPc	01 05.96	-1.1
			eS	01 22.99	
TOA	1.53	101	ePc	01 10.10	0.4
NCG	1.67	233	eP	01 09.55	-2.2
CGLM	1.68	229	eP	01 10.87	-1.0
BWN	1.75	359	ePc	01 11.46	-1.3
CRP	1.76	230	eP	01 12.37	-0.7
SDG	1.78	85	iPc	01 12.93	-0.2
SPU	1.79	227	ePd	01 12.23	-1.1
			eS	01 35.86	
CKN	1.80	229	eP	01 13.54	0.1
BGL	1.85	232	eP	01 13.99	-0.2
CKL	1.87	230	eP	01 13.97	-0.6
KLU	1.88	118	iPc	01 13.60	-1.0
			eS	01 40.06	
PAX	1.88	71	ePc	01 14.17	-0.4
TZL	1.88	100	eP	01 14.62	0.0
GLI	1.89	144	ePc	01 13.68	-1.1
VZW	1.91	134	eP	01 13.87	-1.2
THY	1.93	57	eP	01 15.84	0.5
BKG	1.94	227	eP	01 15.33	-0.1
SLKM	1.97	192	eP	01 14.82	-1.0
DDM	2.10	48	eP	01 18.36	0.7
WRH	2.13	15	eP	01 16.41	-1.7
NEA	2.16	3	ePc	01 16.55	-2.0
HDA	2.26	28	iPc	01 18.33	-1.7
DJE	2.32	44	ePc	01 20.91	0.2
SEW	2.33	181	eP	01 20.65	-0.2
RDT	2.36	219	eP	01 20.42	-1.0
DFR	2.43	222	eP	01 21.99	-0.5
REF	2.52	221	eP	01 23.54	-0.2
RS2	2.56	221	eP	01 23.85	-0.5
RSO	2.56	221	eP	01 24.93	0.6
RDW	2.56	222	eP	01 23.79	-0.5
RS1	2.56	221	eP	01 24.41	0.1
NNL	2.57	202	eP	01 25.12	0.9
FBA	2.58	15	iPc	01 22.60	-1.9
MTU	2.58	161	eP	01 24.28	-0.2
MDM	2.59	11	iPc	01 22.80	-1.9
RED	2.60	221	eP	01 23.96	-0.8
MLY	2.69	347	ePc	01 23.97	-2.1
DOT	2.71	61	eP	01 25.42	-0.9
GLM	2.72	18	iPc	01 24.49	-2.0
BRLK	2.77	196	eP	01 27.87	0.6
SGAM	2.78	132	eP	01 25.38	-1.9
GLB	2.80	108	ePd	01 26.26	-1.5
INE	2.97	219	eP	01 29.21	-1.0
CNPM	3.05	198	eP	01 30.38	-0.8
TMW	3.05	70	eP	01 30.06	-1.2
TTA	3.11	282	iPc	01 30.00	-2.1
SVW	3.25	249	ePc	01 32.40	-1.7
KAIM	3.47	134	eP	01 36.34	-0.7
PDB	3.53	224	eP	01 36.33	-1.7
PRP	3.54	27	eP	01 35.99	-2.2
BALM	3.62	110	eP	01 37.22	-2.1
AUE	3.65	214	eP	01 39.46	-0.1
AUP	3.66	215	eP	01 39.74	-0.1
MCNL	4.06	219	eP	01 44.52	-0.9
CDD	4.09	213	eP	01 44.26	-1.6
CTGM	4.09	107	eP	01 44.05	-2.0
SYI	4.11	203	eP	01 44.08	-2.0

```
IMA     4.11 335 ePc    01 44.00  -2.3
YAH     4.21 116 eP     01 45.45  -2.2
WRG     4.28 121 eP     01 47.06  -1.4
FYU     4.52  21 eP     01 50.15  -1.7
PCA     4.98 114 eP     01 56.11  -2.3
BCPM    5.32 113 eP     02 00.71  -2.4
PNL     5.57 115 eP     02 04.15  -2.6
HON     5.92 116 eP     02 08.43  -3.1
        80 obs. associoted
-----------------------------------
   FEB  29, 1992  17h 56m 11.26± 0.37s
   45.885 N ± 3.9km   10.763 E ± 3.3km
   DEPTH =  10.6 ±  2.5 km
 NORTHERN ITALY                    (545)
      ML 2.7 (VIE), 2.6 (LDG), MD 2.8
      (TRI).

SAL     0.32 211 P      56 19.30   1.3
                 eSg    56 26.00
CTI     0.64  75 P      56 21.30  -2.8X
                 eSg    56 29.50
MDI     0.74 262 P      56 26.80   1.1
                 eSg    56 38.60
OSS     0.91 332 ePd    56 28.50  -0.2
OGA     1.00  10 ePg    56 29.30  -1.0
VDL     1.08 304 ePc    56 32.10   0.4
VVI     1.16  85 P      56 31.90  -1.0
                 eSn    56 47.20
TMA     1.34 280 ePd    56 37.50   1.5
SOTA    1.37  13 iPgc   56 36.00  -0.4
                 iSg    56 52.70
VAI     1.39 270 Pd     56 37.80   1.2
                 eSg    56 58.50
FVI     1.57  62 P      56 38.40  -0.7
                 eSg    56 59.70
LLS     1.57 309 ePc    56 40.50   1.2
BDI     1.83 184 P      56 44.00   1.1
                 eSn    57 08.50
MMK     1.96 276 ePc    56 45.30   0.3
ORO     1.97 263 P      56 45.00   0.0
                 eSn    57 12.00
TRI     2.11  94 ePn    56 46.90   0.0
                 iPg    56 49.00
                 iSn    57 13.60
SFI     2.11 158 P      56 46.20  -0.7
KBA     2.15  55 iPgc   56 49.00   1.3
                 iSg    57 16.10
PII     2.17 185 P      56 50.00   2.2
VOY     2.19  85 ePg    56 49.90   1.7
                 eSg    57 16.20
ZLA     2.29 315 ePd    56 55.40   5.8X
DIX     2.35 276 ePc    56 51.80   1.2
EMS     2.68 275 ePc    56 57.90   2.6X
FEL     2.74 318 ePn    57 00.12   4.0X
LPG     2.84 264 Pn     56 57.90   0.2
LPL     2.85 264 Pn     56 58.00   0.3
SBF     3.11 231 Pn     57 01.00  -0.3
BSF     3.35 307 Pn     57 05.30   0.6
                 Pg     57 16.80
                 Sn     57 46.30
                 Sg     58 03.10
CDF     3.47 318 Pn     57 07.60   1.2
                 Pg     57 19.60
                 Sn     57 49.40
                 Sg     58 06.40
PGF     3.57 201 Pn     57 06.30  -1.5
                 Sn     57 45.90
HAU     3.69 307 Pn     57 10.00   0.4
                 Sn     57 54.30
FRF     3.74 233 Pn     57 09.10  -1.1
LMR     3.97 231 Pn     57 11.80  -1.5
                 Pg     57 25.60
LRG     3.97 234 Pn     57 12.00  -1.4
LBF     4.82 286 Pn     57 24.80  -0.7
                 Sn     58 20.60
SMF     4.86 281 Pn     57 25.40  -0.7
                 Sn     58 20.80
LOR     4.96 289 Pn     57 26.80  -0.6
                 Sn     58 24.00
SSF     5.15 286 Pn     57 29.20  -0.9
                 Sn     58 28.90
AVF     5.21 283 Pn     57 30.10  -0.9
TCF     5.96 277 Pn     57 40.80  -0.8
      S.D. = 1.1  on  36 of  40 obs.
-----------------------------------
   FEB  29, 1992  18h 23m 20.69± 0.54s
   40.696 N ± 5.4km   21.760 E ± 4.2km
   DEPTH =   5.0km  (geophysicist)
 GREECE                            (364)
      MD 2.7 (THE).

FNA     0.30 287 iPgc   23 27.12   0.3
                 eSg    23 31.80
GRG     0.55  62 iPgc   23 31.72   0.0
                 eSg    23 40.48
LIT     0.81 137 ePg    23 35.84  -1.1
                 eSg    23 47.16
OHR     0.84 300 iPg    23 36.90  -0.5
                 iSg    23 49.20
VAY     0.87  44 iPg    23 37.40  -0.5
                 iSg    23 49.50
THE     0.92  94 ePg    23 39.72   1.0
                 eSg    23 53.36
KNT     0.98  61 ePg    23 39.48  -0.3
                 eSg    23 52.80
SOH     1.22  84 ePb    23 44.20   0.4
SKO     1.30 349 iPn    23 45.50   0.3
                 iSn    24 03.60
PAIG    1.66 117 ePb    23 50.20  -0.3
AGG     1.73 165 ePb    23 52.28   0.7
      S.D. = 0.7  on  11 of  11 obs.
-----------------------------------
   FEB  29, 1992  19h 07m 26.54± 0.47s
    6.676 S ± 3.2km  127.791 E ± 5.5km
   DEPTH = 306.1 ±  5.5 km
   4.6mb ( 22 obs.)
 BANDA SEA                         (280)

MTN     6.96 152 iPc    09 08.20   0.0
KNA     9.07 174 eP     09 34.20   0.2
        0.3s   123.00nm          5.5mb
                 eS     11 15.00
MBL    16.33 207 iPc    11 00.20  -0.2
        0.3s    35.00nm          5.3mb
ASPA   17.89 161 iPc    11 16.90   0.3
        0.7s   989.40nm          6.3mb X
                 eS     14 23.10
                 eScS   22 17.20
MDG    17.95  86 eP     11 18.50   1.3
FORR   24.05 179 eP     12 15.70  -0.5
        0.3s    80.00nm          5.7mb X
MRWA   25.03 205 eP     12 25.00  -0.3
                 eS     13 10.00
QLP    25.24 144 eP     12 27.00  -0.2
BAL    25.98 202 eP     12 33.00  -0.8
                 eS     13 23.50
KLB    26.50 199 iPd    12 38.00  -0.5
                 eS     13 30.00
RMQ    28.05 137 iPc    12 52.00  -0.4
        0.8s    19.00nm          4.7mb
                 e      13 25.00
CMS    29.90 148 iPc    13 08.30  -0.3
                 e      13 41.00
ADE    29.90 162 iPc    13 09.00   0.4
ARMA   32.54 140 eP     13 31.80   0.2
        0.9s    19.00nm          4.6mb
                 e      14 53.00
BFD    33.20 158 iPc    13 37.10   0.0
        0.3s    19.00nm          5.1mb
                 i      14 57.30
BWA    33.54 148 iPc    13 42.00   1.9
                 e      15 07.10
CAN    34.54 149 iPc    13 49.60   1.2
                 e      15 14.70
CHG    38.08 312 eP     14 19.50   1.3
CHTO   38.08 312 eP     14 19.30   1.1
        1.0s     3.00nm          3.7mb
SSE    38.08 351 P      14 18.00   0.0
        1.0s    18.00nm          4.4mb
GYA    38.79 329 P      14 24.80   0.8
WHN    39.19 341 Pc     14 28.50   1.5
        1.0s     8.90nm          4.0mb
NJ2    39.44 348 Pd     14 30.20   1.1
TSRJ   42.69  10 P      14 55.80   0.3
IIDJ   43.00  12 P      14 57.90  -0.2
CHJJ   43.78  13 P      15 02.70  -1.5
CDZ    43.89 330 P      15 05.50   0.3
        0.8s    17.00nm          4.4mb
MTMJ   44.04  12 P      15 06.00  -0.4
MAT    44.09  12 iPd    15 05.60  -1.0
        0.7s    29.45nm          4.7mb
KAKJ   44.21  14 P      15 06.50  -1.1
XAN    44.26 337 iPc    15 08.00  -0.1
        0.6s     7.00nm          4.2mb
NIIJ   44.93  13 P      15 12.60  -0.6
YAMJ   46.05  13 P      15 22.60   0.5
TIY    46.43 343 Pc     15 24.80  -0.3
OFUJ   47.31  15 P      15 32.00   0.2
BJI    47.70 348 eP     15 35.00   0.2
        1.5s    40.00nm          4.5mb
LZH    48.12 334 iPd    15 39.00   0.7
        1.4s    33.00nm          4.5mb
SNY    48.42 356 Pd     15 39.60  -0.6
        1.0s    18.00nm          4.3mb
HHC    49.59 344 P      15 49.60   0.2
        1.0s    10.00nm          4.1mb
CN2    50.28 358 eP     15 53.60  -0.8
        1.0s    10.00nm          4.1mb
MDJ    51.08   2 Pd     16 00.50   0.2
QRZ    52.36 138 P      16 10.90   1.0
EWZ    52.61 141 P      16 12.10   0.5
        0.6s    24.00nm          4.8mb
GTA    52.66 333 iPd    16 12.60   0.4
        0.6s    24.00nm          4.8mb
                 pP     17 19.00 311kmX
THZ    53.05 138 P      16 15.10   0.0
GUN    53.10 312 P      16 15.60  -0.4
        0.4s    11.00nm          4.6mb
PKI    53.26 312 P      16 16.40  -0.7
KKN    53.48 312 P      16 18.00  -0.5
DMN    53.51 312 P      16 18.40  -0.4
KHZ    53.78 139 Pc     16 19.60  -0.6
GKN    54.07 312 P      16 22.40  -0.3
        0.4s    12.00nm          4.7mb
MNG    54.28 136 P      16 22.60  -1.3
URZ    54.48 133 P      16 24.20  -1.2
WMQ    61.94 328 P      17 17.20   0.6
YAK    68.50   1 iPd    17 57.30  -0.4
        0.7s    81.00nm          5.6mb
YKA   108.42  26 ePdiff21 16.00   0.6
        0.5s     0.20nm          4.6mb
YKA   108.42  26 ePKP   25 19.00  -0.8
        0.5s     0.80nm
GEC2  110.76 320 PKP    25 24.50  -0.3
        0.6s     0.32nm
      S.D. = 0.8  on  58 of  58 obs.
-----------------------------------
*  FEB  29, 1992  19h 28m 58.39± 1.34s
    5.145 S ±11.0km  147.825 E ±22.0km
   DEPTH = 194.2 ± 13.8 km
   5.0mb (  1 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

LAT     1.71 209 iPc    29 34.70   0.9
                 eS     29 56.40
MDG     2.04 267 iPc    29 37.70   0.5
                 eS     30 07.60
YYYY    2.15 239 eP     29 38.80   0.3
                 eS     30 02.90
MNDI    4.27 256 eP     30 03.00  -1.1
                 eS     30 52.00
PMG     4.29 189 iPd    30 03.00  -1.2
                 eS     30 47.00
GUA    18.79 351 eP     33 05.80   0.3
        0.3s    83.12nm          5.7mb X
GUMO   18.84 351 eP     33 05.60  -0.5
ASPA   22.79 215 iPc    33 46.10   0.9
        0.3s    13.10nm          5.0mb
                 eS     37 40.20
      S.D. = 1.1  on   8 of   8 obs.
-----------------------------------
?  FEB  29, 1992  20h 13m 44.89± 2.88s
   40.378 N ±20.0km   27.873 E ±16.3km
   DEPTH =  10.0km  (geophysicist)
 TURKEY                            (366)

EDC     0.03 193 iPg    13 47.00   0.1
                 iSg    13 51.00
KCT     0.39 109 ePg    13 53.20   0.3
DST     0.97 143 ePn    14 03.00  -0.3
YLV     1.16  80 ePn    14 06.50  -0.1
      S.D. = 0.4  on   4 of   4 obs.
-----------------------------------
?  FEB  29, 1992  20h 15m 59.42± 2.44s
   45.260 N ±48.7km  152.260 E ±31.7km
   DEPTH =  33.0km  (normol)
   4.4mb (  5 obs.)
 EAST OF KURIL ISLANDS             (222)

KUSJ    5.84 251 eP     17 21.80  -4.2X
                 eS     18 25.80
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ASAJ     6.95 264 eP     17 40.80  -0.7
HOOJ     7.10 249 eP     17 41.80  -1.8
                  eS     18 57.50
YKA     52.48  36 eP     25 10.40  -0.4
        1.0s     1.10nm          3.8mb
GUN     54.55 275 P      25 28.00   1.0
KKN     55.04 276 P      25 31.70   1.3
PKI     55.08 275 P      25 32.00   1.1
DMN     55.27 276 P      25 33.20   1.1
GKN     55.36 276 P      25 33.00   0.3
KAF     64.54 335 eP     26 25.20  -9.7X
NB2     69.44 341 P      27 04.40  -1.5
        0.7s     1.90nm          4.3mb
LOR     83.76 339 eP     28 26.10  -0.1
SSF     84.04 339 eP     28 27.60   0.0
        0.9s     4.10nm          4.6mb
AVF     84.33 339 eP     28 29.10   0.0
        0.7s     2.20nm          4.4mb
SMF     84.34 339 eP     28 29.10  -0.1
        0.9s     4.90nm          4.7mb
MAF     85.06 339 eP     28 32.50  -0.3
     S.D. = 1.0  on  14 of  16 obs.
-----------------------------------
?  FEB  29, 1992  20h 33m 02.95± 2.95s
   44.655 N ±60.0km  152.495 E ±34.2km
   DEPTH =  33.0km  (normal)
   4.5mb (  6 obs.)
 EAST OF KURIL ISLANDS            (222)

KUSJ     5.84 257 eP     34 27.90  -1.5
                  eS     35 31.70
HOOJ     7.07 254 eP     34 48.50   1.8
                  eS     36 05.00
ASAJ     7.08 269 eP     34 47.50   0.6
MRRJ     8.59 259 eP     35 07.00  -0.9
YKA     52.87  36 eP     42 17.00  -0.3
        1.0s     1.20nm          3.8mb
KAF     65.16 335 eP     43 21.00 -21.4X
NUR     66.92 335 eP     43 32.70 -21.0X
NB2     70.07 341 P      44 09.70  -3.5X
        0.9s     3.30nm          4.4mb
GEC2    80.15 334 PKP    45 09.50  -1.6
        0.5s     0.27nm          3.5mb
LOR     84.38 339 eP     45 33.30   0.4
        0.9s     4.90nm          4.7mb
SSF     84.67 339 eP     45 34.80   0.5
AVF     84.96 339 eP     45 36.50   0.8
SMF     84.97 339 eP     45 35.60  -0.2
        1.0s     6.00nm          4.7mb
MAF     85.68 340 eP     45 40.00   0.6
LSF     85.91 340 eP     45 42.90   2.3X
        1.0s     7.00nm          4.8mb
     S.D. = 1.2  on  11 of  15 obs.
-----------------------------------
?  FEB  29, 1992  20h 40m 06.49± 4.64s
   18.401 N ±34.7km   69.356 W ±32.5km
   DEPTH =  33.0km  (normal)
 DOMINICAN REPUBLIC REGION        ( 88)

APR      2.49  88 P      40 46.00   0.4
PORP     2.61  97 P      40 48.80   1.6
CLLP     2.66  96 P      40 50.00   2.0X
SJG      3.06  95 iP     40 54.30   0.6
CPD      3.29  96 P      40 57.50   0.5
                  S      41 24.80
LPR      3.31  91 P      40 56.40  -0.9
BPA      7.27 100 eP     41 50.00  -3.2X
MORO     7.55 172 eP     41 56.60  -0.6
BBL      8.06 110 eP     42 03.00  -1.3
MGG      8.07 107 eP     42 03.00  -1.4
CAR      8.19 163 eP     42 07.00   0.8
TOV      8.57 183 eP     42 12.00   0.6
                  eS     43 43.50
OLLA     8.69 163 eP     42 13.80   0.7
GUAN     9.13 156 eP     42 21.20   2.0X
                  eS     43 57.00
SDV      9.54 188 eP     42 24.00  -0.9
                  iS     44 08.70
     S.D. = 1.1  on  12 of  15 obs.
-----------------------------------
%  FEB  29, 1992  20h 57m 23.73± 0.84s
   40.539 N ± 7.9km   23.512 E ±12.0km
   DEPTH =  10.0km  (geophysicist)
 GREECE                           (364)
      MD 2.1 (THE).

SOH      0.31 337 iPgd   57 29.70  -0.4
OUR      0.41 120 iPgd   57 32.30   0.1
                  eSg    57 36.78
SRS      0.58   6 iPgc   57 35.46   0.0
                  eSg    57 44.58
PAIG     0.62 168 ePg    57 36.10  -0.2
KNT      0.78 323 ePg    57 39.38   0.5
                  eSg    57 49.46
     S.D. = 0.5  on   5 of   5 obs.
-----------------------------------
   FEB  29, 1992  21h 19m 57.70± 0.78s
   24.305 S ± 7.7km   66.996 W ± 7.0km
   DEPTH = 167.3 ±  7.7 km
   4.5mb ( 10 obs.)
 SALTA PROVINCE, ARGENTINA        (129)

ANT      3.18 280 eP     20 47.50  -1.1
                  iS     21 22.50
RTCB     7.33 192 iPc    21 43.20   0.0
ARE      8.87 331 eP     22 05.00   1.2
                  iS     23 38.90
PPD     14.60  84 eP     23 18.50   0.9
                  e      23 22.00
                  e      23 26.10
BMA     21.01  90 (P)    24 30.00   0.7
JSC     59.82 346 P      29 46.80  -0.6
PRM     59.87 345 iP     29 46.68  -1.2
TKL     61.71 345 iP     29 58.68  -1.6
GBTN    61.83 344 eP     30 00.42  -0.6
FVM     65.75 340 iP     30 24.93  -1.6
        0.5s    18.91nm          5.2mb
SPA     65.84 180 iPd    30 27.10   0.1
        0.8s    12.50nm          4.8mb
LIC     67.53  72 P      30 36.70  -1.5
KIC     67.84  72 P      30 39.20  -0.9
ALQ     69.80 326 iPd    30 52.61   0.6
        0.8s     8.67nm          4.6mb
ANMO    69.80 326 P      30 52.30   0.3
        0.9s     7.98nm          4.5mb
BAR     73.86 318 eP     31 16.00   0.2
PLM     74.44 318 eP     31 20.00   0.6
TPC     74.47 319 eP     31 20.00   0.6
PEC     74.99 319 iP     31 22.77   0.4
SRU     75.08 326 iP     31 23.28   0.4
ARUT    75.62 324 (P)    31 25.17  -0.8
SBB     75.93 319 eP     31 27.00  -0.7
RSSD    76.08 333 P      31 28.30  -0.2
        0.6s     4.53nm          4.4mb
ISA     76.99 319 eP     31 34.00   0.5
DUG     77.06 326 iP     31 34.61   0.7
        1.2s     8.90nm          4.4mb
BW06    77.42 329 P      31 35.80  -0.1
        1.0s     2.50nm          3.9mb
TNP     77.92 322 P      31 39.80   1.0
        0.8s     3.82nm          4.2mb
ARN     79.94 319 (P)    31 51.04   1.5
LRM     81.08 330 eP     31 56.30   0.8
SES     83.96 333 ePd    32 10.00   0.1
FFC     84.25 340 eP     32 11.00  -0.2
        1.1s    15.00nm          4.7mb
DPW     85.28 328 iP     32 16.76   0.2
MCW     88.10 327 iP     32 30.81   0.6
YKA     94.41 340 eP     32 58.40  -0.6
        0.5s     2.60nm          4.7mb
ASPA   128.18 205 iPKPd  38 45.40  -0.7
        0.6s     5.80nm
HYB    147.15  95 ePKP   39 21.50   0.8
     S.D. = 0.9  on  36 of  36 obs.
-----------------------------------
   FEB  29, 1992  21h 42m 21.06± 0.21s
   36.549 N ± 5.2km   71.454 E ± 4.1km
   DEPTH = 185.3km  (  2 depth phases)
   4.6mb ( 45 obs.)
 AFGHANISTAN-TAJIKISTAN BORD REG.(717)

KSH      4.60  50 Pd     43 32.40   1.6
                  S      44 24.60
QUE      7.38 212 iPc    44 08.00   0.8
        0.7s   582.19nm          6.0mb X
                  eS     45 27.10
NDI      9.22 147 iPc    44 31.20  -0.1
        0.6s    73.33nm          5.3mb
                  eS     46 07.20
MAIO     9.64 272 iPd    44 33.80  -3.0X
        0.6s     8.98nm          4.4mb
                  eS     46 22.00
GKN     14.02 124 P      45 32.00  -1.1
WMQ     14.37  55 P      45 36.00  -1.2
        1.0s    28.00nm          4.6mb
                  pP     45 40.50
                  S      48 07.00
KKN     14.59 123 P      45 38.80  -1.4
DMN     14.59 124 P      45 39.20  -1.1
PKI     14.82 123 P      45 41.80  -1.4
GUN     14.93 121 P      45 43.20  -1.3
LSA     17.84 107 iPc    46 22.60   3.4X
        1.0s    88.00nm          5.1mb
POO     18.07 173 iPd    46 22.60   1.3
HYB     20.07 160 eP     46 44.70   2.9
SHL     20.60 116 iP     46 49.00   1.8
        0.8s    35.45nm          4.9mb
                  eS     50 31.60
GTA     22.50  74 iPd    47 08.40   2.7X
        0.8s    26.00nm          4.8mb
CHG     29.92 119 eP     48 17.00   3.3X
OBN     30.12 319 iPc    48 15.00   0.0
        0.8s    32.00nm          5.1mb
                  i      48 18.00
                  e      49 12.00
XAN     30.56  83 P      48 20.00   0.8
GYA     31.51  99 P      48 29.00   1.4
VRI     34.52 300 ePc    48 54.00   0.8
MLR     35.08 299 eP     49 02.00   3.9X
KAF     37.78 327 eP     49 20.50   0.1
        0.3s     2.90nm          4.4mb
NUR     38.00 324 iP     49 22.40   0.2
        0.3s    17.90nm          5.2mb
BZS     38.11 300 eP     49 25.00   1.7
SPC     38.88 305 iP     49 31.60   1.7
KRA     39.07 307 iPc    49 32.00   0.7
        0.8s    47.00nm          5.2mb
SRO     40.22 303 iP     49 42.00   1.3
KEV     40.89 338 eP     49 32.00 -13.9X
ZST     41.00 304 eP     49 48.30   1.2
UPP     41.26 322 iP     49 49.10   0.1
KSP     41.39 308 iP     50 50.90   0.6
PRU     42.56 307 P      50 01.00   1.3
BRG     42.88 308 iP     50 03.20   0.9
        0.9s    24.00nm          4.8mb
                  e      50 45.00
GEC2    43.20 305 Pd     50 04.40  -0.7
        0.6s     1.90nm          3.8mb
KHC     43.25 306 P      50 06.50   1.0
CLL     43.44 309 iPd    50 07.60   0.7
        1.0s    14.00nm          4.5mb
FVI     44.10 302 P      50 12.70   0.5
NB2     44.56 323 P      50 15.00  -0.8
        0.5s    17.20nm          4.8mb
GRF     44.72 307 iPc    50 18.80   1.6
        0.8s    20.00nm          4.7mb
CTI     44.96 302 P      50 19.90   0.7
SFI     45.23 299 P      50 22.60   1.5
PGD     45.33 299 P      50 24.20   2.0
OSS     45.88 303 ePc    50 26.50   0.0
VDL     46.37 303 ePd    50 30.40  -0.1
LLS     46.62 303 ePc    50 31.90  -0.5
SLE     46.79 304 ePd    50 33.60   0.0
TMA     46.85 302 ePc    50 33.60  -0.6
PCP     47.41 300 P      50 37.54  -0.9
CDF     47.48 306 eP     50 38.80  -0.1
        0.7s     6.60nm          4.2mb
ORX     47.56 302 P      50 37.84  -1.8
ORO     47.56 302 P      50 38.40  -1.2
PGF     47.57 297 iPc    50 39.40  -0.3
FIN     47.73 300 P      50 38.97  -1.8
DIX     47.85 302 ePd    50 42.20   0.1
BSF     47.91 305 iPc    50 42.03  -0.2
        0.6s    18.95nm          4.8mb
MEM     47.92 309 P      50 42.40   0.3
ROB     47.94 300 P      50 41.64  -0.9
IMI     48.02 299 P      50 42.87  -0.2
LSD     48.16 302 P      50 44.82   0.4
HAU     48.17 305 eP     50 44.20   0.1
        0.5s     7.30nm          4.5mb
BHB     48.23 301 P      50 42.66  -2.0
ENR     48.27 300 P      50 44.61  -0.5
STV     48.33 300 P      50 44.20  -1.4
SBF     48.35 300 eP     50 45.90   0.2
        0.9s    19.65nm          4.6mb
PZZ     48.43 300 P      50 44.41  -1.9
LPG     48.43 302 iPc    50 46.80   0.2
        0.6s     6.30nm          4.3mb
LPL     48.44 302 iPc    50 46.80   0.3
        0.6s     5.40nm          4.2mb
RRL     48.55 301 P      50 46.97  -0.4
```

```
DOU     48.90 308 Pd     50 50.30   0.6
        0.9s     22.50nm          4.7mb
FRF     48.98 299 eP     50 50.30  -0.1
        0.9s      9.85nm          4.3mb
SNF     49.02 309 P      50 50.70   0.1
LMR     49.14 299 eP     50 51.30  -0.3
LRG     49.21 299 eP     50 52.20   0.1
LBF     49.96 304 iPc    50 57.30  -0.6
        0.5s      4.00nm          4.3mb
LOR     49.97 305 eP     50 57.40  -0.5
        0.6s      3.15nm          4.1mb
SMF     50.13 304 iPc    50 59.00  -0.1
        0.6s     15.35nm          4.8mb
SSF     50.25 304 iPc    50 59.70  -0.3
        0.7s      3.30nm          4.0mb
AVF     50.42 304 iPc    51 01.00  -0.3
        0.6s     16.70nm          4.8mb
MAF     51.09 304 iPc    51 06.60   0.2
        0.7s      9.35nm          4.5mb
TCF     51.31 304 iPc    51 08.20   0.1
        0.6s      8.55nm          4.5mb
LSF     51.78 304 iPc    51 11.10  -0.5
        0.5s      7.30nm          4.6mb
CAF     51.78 302 iPc    51 11.80   0.1
        0.5s      3.65nm          4.3mb
RJF     52.05 303 iPc    51 13.80   0.2
LDF     52.24 307 iPc    51 14.30  -0.6
        0.5s      4.35nm          4.4mb
FLN     52.43 307 eP     51 15.60  -0.7
        0.6s     10.80nm          4.7mb
LPO     52.45 302 iPc    51 16.50   0.0
EKA     52.51 316 P      51 16.00  -0.8
        0.7s      7.70nm          4.5mb
LFF     52.68 303 iPc    51 18.40   0.2
        0.5s      7.30nm          4.6mb
GRR     52.77 307 iPc    51 18.20  -0.6
        0.7s     12.15nm          4.7mb
MFF     52.79 305 iPc    51 18.40  -0.6
        0.7s      5.50nm          4.3mb
LPF     52.98 307 eP     51 19.50  -0.8
EPF     53.54 300 eP     51 23.50  -1.1
        0.4s      1.15nm          3.9mb
DAG     54.81 344 iPd    51 33.30  -0.1
        0.5s     12.68nm          4.9mb
TOL     57.74 298 eP     51 57.00   2.4
BCAO    58.02 250 iPd    51 56.70  -0.1
        0.7s     18.00nm          5.0mb
MBC     67.27   3 eP     52 57.00   0.1
BUL     69.40 223 iPd    53 10.20  -0.7
IMA     71.96  18 iP     53 25.40  -0.3
                 epP     54 09.52 184km
FBA     74.32  16 eP     53 39.20   0.0
        0.7s      4.94nm          4.3mb
                 epP     54 24.20 187km
KIC     75.15 267 P      53 43.60  -1.2
TIC     75.21 267 P      53 43.90  -1.2
LIC     75.46 267 P      53 45.30  -1.2
BALM    78.92  16 eP     54 05.45   0.5
YKA     81.18   3 eP     54 16.50  -0.1
        0.8s      4.80nm          4.3mb
ASPA    83.98 125 iPd    54 32.20   0.6
        0.6s      6.50nm          4.6mb
FFC     88.92 356 iPc    54 56.00   0.8
        0.6s      8.00nm          4.8mb
      S.D. = 1.0  on 100 of 106 obs.
-----------------------------------------
?  FEB  29, 1992  21h 58m 28.69± 3.87s
   45.688 N ±31.8km     7.008 E ±53.0km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                     (545)
      ML 2.2 (LDG).

SBF      1.85 170 Pg     59 01.00   0.2
                  Sg     59 25.50
FRF      2.14 187 Pg     59 04.70  -0.3
SMF      2.40 295 Pg     59 09.00   0.3
                  Sg     59 39.90
LOR      2.69 307 Pg     59 12.50  -0.3
                  Sg     59 47.30
      S.D. = 0.6  on   4 of   4 obs.
-----------------------------------------
   FEB  29, 1992  22h 03m 13.81± 0.51s
   45.748 N ± 3.4km     7.005 E ± 4.1km
   DEPTH =   5.5 ±  4.2 km
 NORTHERN ITALY                     (545)
      ML 2.5 (LDG).

LPL      0.30 220 Pg     03 20.10   0.2
                  Sg     03 23.20
LPG      0.31 215 Pg     03 20.30   0.2
                  Sg     03 24.30
LSD      0.31 160 P      03 18.67  -1.4
                  S      03 24.82
EMS      0.33 351 ePc    03 20.30  -0.1
DIX      0.44  40 ePc    03 22.50  -0.1
RSP      0.62 163 P      03 26.25   0.0
                  S      03 34.56
ORO      0.69 100 P      03 27.50  -0.2
                  eSn    03 36.70
ORX      0.69  99 P      03 27.38  -0.3
                  S      03 36.71
BNI      0.73 199 P      03 28.10  -0.4
                  eSg    03 37.40
MMK      0.74  65 ePd    03 28.40  -0.1
RRL      0.84 191 P      03 29.95  -0.7
                  S      03 41.12
BHB      0.92 169 P      03 31.61  -0.3
                  S      03 43.97
VAI      1.24  84 P      03 37.40   0.1
                  eSn    03 52.20
PZZ      1.24 177 P      03 37.33  -0.1
                  S      03 53.02
DOI      1.26 172 P      03 38.00   0.4
ROB      1.58 157 P      03 42.87   0.4
PCP      1.63 137 P      03 44.31   1.1
FIN      1.76 151 P      03 46.37   1.3
SBF      1.91 171 Pg     03 52.80   5.5X
                  Sg     04 15.40
IMI      1.94 161 P      03 48.60   0.8
BSF      2.09 356 Pg     03 56.20   6.2X
                  Sg     04 19.80
FRF      2.20 187 Pg     03 56.10   4.6X
                  Sg     04 27.30
FEL      2.24  18 ePn    03 56.81   4.7X
SLE      2.26  26 ePd    03 56.90   4.5X
HAU      2.30 349 Pg     03 58.60   5.6X
                  Sg     04 26.50
LRG      2.34 192 Pg     03 58.40   4.9X
                  Sg     04 32.20
SMF      2.37 293 Pg     04 02.40   8.4X
                  Sg     04 28.30
LBF      2.43 302 Pg     04 03.20   8.3X
                  Sg     04 29.70
LMR      2.44 189 Pg     04 00.40   5.5X
LOR      2.65 306 Pg     04 06.30   8.4X
                  Sg     04 38.30
CDF      2.67   4 Pg     04 06.70   8.4X
                  Sg     04 39.00
AVF      2.74 294 Pg     04 08.20   9.0X
                  Sg     04 39.10
SSF      2.75 300 Pg     04 09.10   9.7X
                  Sg     04 44.40
MAF      3.13 280 Pg     04 14.10   9.4X
                  Sg     04 53.10
      S.D. = 0.7  on  19 of  34 obs.
-----------------------------------------
?  FEB  29, 1992  22h 25m 49.29± 1.39s
   41.975 N ±10.7km    13.681 E ±14.2km
   DEPTH =   5.0km  (geophysicist)
 SOUTHERN ITALY                     (390)

AZI      0.18 274 P      25 52.60  -0.5
                  eSg    25 55.60
SDI      0.29 159 Pc     25 55.10   0.0
                  eSg    26 00.10
AQU      0.43 331 P      25 57.60  -0.4
MNS      0.85 299 P      26 07.00   0.8
                  eSg    26 19.50
      S.D. = 1.0  on   4 of   4 obs.
-----------------------------------------
&  FEB  29, 1992  22h 33m 32.77s
   59.567 N          152.485 W
   DEPTH =  82.9km
 SOUTHERN ALASKA                    (  2)
      <AEIC>.

OPT      0.39 283 iPc    33 45.60  -0.6
                  eS     33 55.68
AUE      0.50 246 eP     33 46.49  -0.5
AUP      0.52 247 iPd    33 46.76  -0.5
AUH      0.53 248 eP     33 47.44   0.1
AUI      0.53 245 eP     33 46.55  -0.7
                  eS     33 57.27
AUW      0.54 249 ePc    33 46.69  -0.6

INE      0.58 330 eP     33 46.93  -0.9
                  eS     33 57.98
INW      0.60 327 eP     33 47.50  -0.5
CNPM     0.64  93 iPc    33 47.78  -0.5
                  eS     33 59.32
NNL      0.77  51 ePc    33 49.82   0.2
BRLK     0.84  76 iPc    33 49.72  -0.7
                  eS     34 02.77
RED      0.87 351 iPd    33 50.02  -0.8
                  eS     34 03.73
CDD      0.87 223 ePd    33 49.52  -1.3
                  eS     34 02.64
RS1      0.91 351 iPd    33 50.73  -0.6
RSO      0.91 352 iPd    33 50.72  -0.7
RS2      0.91 351 iPd    33 50.72  -0.7
REF      0.93 353 iPd    33 50.94  -0.7
                  eS     34 04.39
RDW      0.93 350 iPd    33 50.91  -0.8
                  eS     34 04.95
SYI      0.96 177 ePd    33 50.92  -0.8
                  eS     34 05.90
RDT      1.01   2 iPd    33 51.47  -1.0
                  eS     34 06.29
DFR      1.03 354 ePd    33 51.98  -0.8
SLKM     1.48  49 eP     33 57.35  -1.0
SEW      1.62  69 eP     33 59.04  -1.2
SPU      1.63   7 iPd    33 59.65  -0.8
CKL      1.64   2 iPd    33 59.73  -0.8
CKN      1.67   5 ePd    34 00.29  -0.6
BGL      1.70   2 ePd    34 00.69  -0.7
CRP      1.71   5 eP     34 00.98  -0.6
CGLM     1.76   8 ePd    34 01.53  -0.7
                  eS     34 24.34
NCG      1.85   5 iPd    34 02.66  -0.7
                  eS     34 27.20
SUA      2.09  24 ePd    34 06.12  -0.5
SVW      2.20 316 eP     34 06.29  -1.7
PMS      2.22  40 eP     34 07.89  -0.5
LTI      2.39  77 eP     34 08.97  -1.6
SKT      2.47  11 ePd    34 10.41  -1.3
MTU      2.48  78 eP     34 10.78  -1.1
PLRM     2.62  38 eP     34 12.83  -0.9
KNK      2.72  45 eP     34 13.40  -1.8
GHO      2.82  37 eP     34 15.80  -0.8
GLI      2.99  62 eP     34 16.15  -2.8
SML      3.04  40 eP     34 17.86  -1.7
CUT      3.05  20 eP     34 18.42  -1.2
VZW      3.31  61 eP     34 21.37  -2.0
SGAM     3.77  72 eP     34 26.52  -3.2
KLU      3.78  56 ePc    34 27.67  -2.2
        45 obs. associated
-----------------------------------------
%  FEB  29, 1992  22h 50m 42.22± 1.40s
   44.557 N ±12.9km     8.512 E ± 6.4km
   DEPTH =  10.0km  (geophysicist)
 NORTHERN ITALY                     (545)

PCP      0.03 123 P      50 44.25   0.0
                  S      50 45.79
FIN      0.41 212 P      50 50.40  -0.2
                  S      50 56.14
ROB      0.53 240 P      50 52.86  -0.1
                  S      50 59.63
IMI      0.79 215 P      50 57.89   0.3
                  S      51 08.34
ENR      0.85 247 P      50 58.60  -0.1
                  S      51 09.68
STV      0.91 250 P      50 59.83   0.2
                  S      51 11.42
PZZ      1.01 268 P      51 01.37  -0.1
                  S      51 14.29
      S.D. = 0.2  on   7 of   7 obs.
-----------------------------------------
?  FEB  29, 1992  22h 57m 13.40± 1.29s
   48.189 N ±20.9km   146.970 E ±17.7km
   DEPTH = 407.5 ± 23.1 km
   3.6mb (  4 obs.)
 SEA OF OKHOTSK                     (663)

ASAJ     5.06 218 eP     58 40.90   4.0X
KUSJ     5.33 198 iPd    58 39.10  -0.6
                  eS     59 44.30
HOOJ     6.36 205 eP     58 50.80   0.0
MRRJ     7.11 218 eP     59 01.50   2.5X
OFUJ     9.88 205 eP     59 31.80   0.9
                  eS     01 17.50
MAT     13.31 212 iPd    00 09.20  -0.3
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         1 0s     11.00nm           4.2mb    |
FBA     37.66  39 eP     03 53.40    1.1     |
YKA     52.22  36 eP     05 44.90   -1.0     |
        0.6s      0.80nm           3.2mb     |
NUR     62.05 332 eP     06 54.00    0.2     |
LRM     63.56  50 eP     07 04.00   -0.1     |
UPP     64.70 334 iP     07 10.80    0.0     |
NB2     65.43 338 P      07 15.30   -0.2     |
        0.7s      2.30nm           4.0mb     |
GEC2    75.23 330 P      08 13.80    0.0     |
        0.6s      0.35nm           3.3mb     |
      S.D. = 0.7  on  11 of  13 obs.         |
-------------------------------------------- |
    FEB  29. 1992  23h 06m 46.94± 0.87s      |
    41.249 N ± 8.4km   22.679 E ± 6.2km      |
    DEPTH =  10.0km  (geophysicist)          |
 NORTHWESTERN BALKAN REGION       (383)      |
      MD 2.0 (THE).                          |
                                             |
VAY      0.11 311 iPg    06 49.40   -0.4     |
                  iSg    06 51.40            |
KNT      0.19 118 iPgc   06 51.24    0.1     |
                  eSg    06 53.24            |
GRG      0.36 216 ePg    06 54.76    0.4     |
                  eSg    07 00.56            |
THE      0.65 161 ePg    06 59.00   -0.9     |
                  eSg    07 08.76            |
SOH      0.67 130 ePg    06 59.76   -0.5     |
                  eSg    07 07.52            |
SRS      0.70 100 ePg    07 00.80    0.0     |
                  eSg    07 09.32            |
OUR      1.35 132 ePb    07 12.44    0.7     |
      S.D. = 0.7  on   7 of   7 obs.         |
-------------------------------------------- |
?  FEB  29, 1992  23h 30m 33.80± 1.11s       |
   44.523 N ±19.9km    8.507 E ±16.9km       |
   DEPTH =  10.0km  (geophysicist)           |
 NORTHERN ITALY                   (545)      |
                                             |
PCP      0.03  56 P      30 35.85    0.0     |
                  S      30 37.28            |
FIN      0.38 214 P      30 41.59    0.0     |
                  S      30 47.95            |
ROB      0.51 244 P      30 44.15    0.0     |
                  S      30 51.43            |
IMI      0.76 216 P      30 48.67    0.0     |
                  S      31 00.05            |
      S.D. = 0.1  on   4 of   4 obs.         |
-------------------------------------------- |
?  FEB  29, 1992  23h 52m 21.62± 6.95s       |
   16.203 N ±25.0km   61.735 W ±17.8km       |
   DEPTH = 119.8 ± 59.5 km                   |
 LEEWARD ISLANDS                  ( 92)      |
      MD 3.0 (TRN).                          |
                                             |
PAG      0.18 163 ePd    52 39.08   -0.4     |
                  S      52 54.00            |
DOG      0.20 146 eP     52 39.05   -0.4     |
SEG      0.30  48 ePd    52 39.56   -0.1     |
                  S      52 54.90            |
MGG      0.49 125 eP     52 40.11    0.4     |
DEG      0.66  80 ePc    52 41.16    0.2     |
MBET     0.67 323 eP     52 41.39    0.4     |
MGH      0.69 318 eP     52 41.31    0.2     |
                  S      52 58.00            |
BPA      0.85 352 ePd    52 42.59    0.1     |
                  S      53 00.29            |
ANG      0.95 355 eP     52 43.44    0.0     |
CPB      1.43 357 eP     52 48.14   -0.4     |
SKI      1.48 320 eP     52 40.45   -8.7X    |
      S.D. = 0.4  on  10 of  11 obs.         |
```

STATION DATA REPORT FOR FEBRUARY, 1992

1452 stations reported 62753 reading arrival groups

X = data received for this 6-hour time period

DATE	| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |10 |11 |12 |13 |14 |15 |16 |17 |18 |19 |20 |21 |22 |23 |24 |25 |26 |27 |28 |29
ABA	XX XX XX X XX X XXXX X X X XX X X X X X XX X X XXX X X X
ABL	XX X XX XXX X XXXX X XX X X X XXXXXXXX XXX XX X X XX X XXX X
ACO	X XX X X XX X X XX X X XXXX X XX XX X XX X X X X XX X X X X X X XX X
ACTO	XXX XX X XXX X X X X XX XX X XX X X X X X X X
ACX	X XX X X X XXXX XX X XXXX XX XXXXX X X XX XX X X XX XX X X
ADAT	X X X X XX X X X X X
ADE	XX XXXXX X XXX XX X XX X XX X X X XXX XXXX X X XX XX X X
ADK	X X X XX XXX X X XX X X X XX X X X X X X XX X
AFR	X X X X X X X X X X
AGG	XXX X X XX X X X X XX X XXXXXXX XXXX X XXX X X XXX X XX X X X XXX XXX XX XX
AGO	X X X X X X X X X X XX
AGX	X X X X X X X X
AIA	X XXX XX XXXXXXXXX XXXXXXXX X X X XXX X XX X XX X XXXX XXXXXXX XXXX XXXXXXXX XXXX X XXX X X X XX
ALJ	X X X X X X X XX X
ALN	X X X X X X X X X X XX XX X XX X XXX XX
ALQ	X XXX X X X X X X X X X X X X X X X XX XXX XX X X X XX X
ALT	X X XX X X XXXX X X X XXX XX XXXX XX X X X
AMW	X X X X X X XX X X XX XXX XX X XX X XXXX X X
ANG	X X X X X X X X X X
ANM	X XXX X X XXX X XX X X X X X XX X X X X X X X X X X X X X X X
ANMO	XX X X X XXX X X X XX X X X X XX XXXX X X X X XXX X XXXX XXX X XX X XX XX XXX XX
ANP	XX X X X X X XX
ANT	X XX X X XXX XXX X XXX X X XX X XX X X XXXX X XX XXXX X XXXX XX X X XX XXXX XXXX X XXXX
AOMJ	X X X X X X X X X X X
APO	X X X X X X X X X X XX X X X XX XX X X XX XX X
APR	X X XX XX X XX X XX X XX X X X X X X
AQU	X X X X X X X XXXXXXX X XX XX X X XX XX X X X X X X XX X X
ARA0	X X X X X X XX X X X XX XXX X X XX X X X XX X
ARE	XXX X XXXX XX XXXXXX X X X XX XXX XXXXXX X X X X XXXXXX XXXXX XXXXX XX XX X X XXX XX X X XXXXX
ARMA	X XXX XXXXX X X XXXXXXX XXX X XX XXX X X XXXXXXX X X XXX XX X XXX XX X X X XXX XX X
ARN	X XXXX X X X X X X X XX X X X X XX XXX XXX XX X X X XXXXXXX XX
ARUT	X XXX XXXX XX XX X XXXXXXXXXX
ARV	X X X X X X X X XXXXXXXXXXXXX X X XXX X X X XX XX XXX X XX X X XXXXX X X X X XX XX
ASAJ	X XXXX X XXXXX XX XXX XX X XX X X X X X XX X X X XXX XXX X X X X X XXX XX X X
ASK	XX X X X X X XX X XXX X
ASPA	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXX
ASS	X XXX X XX X X XX XXXXXXXXXXXXX XX XXX X XXX XX XX XXXXX XX XX X XX XX XX X XXX X XXXX XX
ATE	X X X X X X X X X X X
ATH	XXX X X X X X X X X XX X X X X X X X
ATN	XX X X X X XX X XX X X XXX XX X X X XX X X X XX X X XX X X X X
AUE	X X X X X X X X X XXX X X X X X XX X XX X XX
AUI	X X X X X X X X XXX X X X X X X X XX X XX X
AUP	X X X X X X X XX X XXX X X X X XX X XX X XX
AURF	X X X X XX X X X X XX X
AUTN	X X X X X X X X X XX X X
AVE	X X XX X X X XXXXXX XX XX X XXXX X X XX X XXX X X X X XX XX XX XX
AVF	X XX X XXX XX X XXX XXXX X XXXXXXXX X XX XX X X XXX XXX X XX XXX XXXXX XX XXXXX X XXX X XX X XXX XX
AZI	X X X X XXXX X XX XXX X XX X X XX X X X XX XXX X
BAG	X X XX XXX X X X X XX X X X XX XXX XXX X X X X XX X X X
BAL	XXX X X X X XX X X X X XXXX XX X XXX X X X X XX XX X XX XXXX X X X X XX X XX XX X
BALM	X XXXXX X X XXXX XXXX X XXXX X X XXXXX XX XXX XXX XX X XX XXXX XXXX X X X X XXX XXXXX
BAO	XXX X XXX X X XXXX X X X XX X X XX XX XXX XX XX
BAR	X X X X XXX X X X X X X XX XX X X X X XX X X X X XX
BBJ	X X X X X X X X X X X X X X X X X
BBL	X X XX X X X X X X X XX
BBS	XX X X X XX X X X X X X X X X
BBTK	X XXXX XX XXX XX X XX X XX X X XXXXXXX XXX X X XXX X X X XX XXX X XXXXX XXXXXXX XX X XX
BCAO	XXXXXXXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXX XXXXXXXXX XXX XXXXX XX XXXXX X XX XXXXXXXXXXXXXXXXXXXXX
BCH	X X X X XX X X X X XXXXXXXX XXX X X X X XXX XXX X
BCK	XX XXX X X XX XX X X XX XX X X X
BCZ	X X X X X X X X X X XX X X X X X
BDI	X XX X X XXX X XXXX XX X X XX X XX X XX XXX X X X X XX X X X
BDT	XX XXXXX XXX XXXX XXX XXXX X X X XX XX X XXX XXX
BDV	X XX XX X XX XXX X X XX X X X XXX XX XX XX X X XX X XX X X XX X X
BEO	X XX X X X X X XX XXX X X XXX X X X X X X XX XXXXX X X X X
BFD	XXXX XXX X X X X X X X X X XX X X XX X X XXX X XX XXX XXX X X XXX X XX XX X
BGF	X XX XXXXX XX X XXX XXXX X XXX XXX XX XX X X XX XXX X XX XX X XXXX XXXX XXXXXX
BGL	X X X X XXXXX X XX X XXX X XX XXX X X XX X X X X XXX XX XX X XXX X X XX
BGM	X X X X X X X X X X X XX X
BGMT	XX X X X X X X X XX XX X X
BHB	XX X X XX X X X XXX X XX X X X XX X X XXXXX X XXXXXXX X X X XX X X X X XX
BHD	XX X X X XXX X XX XX X XXX X XXX X X X XX XX XXXX X XX X X
BHG	X XX X X X X XX X X X X X X X XX XXX X XX X X X X X X
BHL	XX X X X XXX X XX XX X
BIM	X X XX X X X XX X XX X XX X X X X X X X X X

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DATE  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |10 |11 |12 |13 |14 |15 |16 |17 |18 |19 |20 |21 |22 |23 |24 |25 |26 |27 |28 |29

BJI    X XX XXXXX XXXXXXXXXXXXXXXXXXXXXXXXXX XXXX XX XXXXX XXX XXX    XXXXXXXX XXXXXXXXX  XXXX  XX XXX X X XX     XXXX  X XX
BKG    X X X X          X               XXX   X XX XXX     X  XX          X  X  X XX  XX    XX    X       X X     X
BKS        X                                X                    X                  X     X           XXX
BLA      X         X X X       X   X X  X  X    X X                               XX    X                     X X
BLF      XX         X                X    X    XX  XXX                                                 X      X   X  X
BLW          X  X X      X       X      X  X X    XXX    X     X  XX   XX     X  X  X XX             XX X X   X
BMA              X       X                X     X X  X   X X                X              X X                X X     X
BMG     X X         X    X    X      X           X      X             X        XX XX   XXXXX              XX    X X X
BMR                                               X X X           X X   X X X        X   X                X
BMW      X    X         X X    X   X                    X             X         X  X                                X  X

BNH                     X     XX        X  X  X  X  X                 X            X          X              X
BNI      XX X      X  X X X  X X     X X X    X XXX X X     XX         XX XX    X     XX  XX          X    X XX      X       X
BNS      XX X         X X X  X         X X    X X  XX X   X  X         X  X     X X X   XX                 X       X
BNT     X  X   XX  XX  XXXXXXXXX XXXXX XXX XX XXX XXX XX XXXX                                       X X X X  XXX
BOB     X XXXX       XX X X X   X X X X X X      XX X X     X          X  XX X      X   XX X       XX XX X      X     X
BOG     X X         X  X X  X     X             X      X               X        XX XX    XXXX              XX    X XXX X
BOM        X               X                    X      X               X        X  X X  XXX                        XX X
BONR  X XXXXXXX X  XX XXX   XXXX     XX X  X   XX X XX   X   XX       XXX   X XXXXXXXXX XXXX  XX XXXXXXX  XXXX  XXXXXXXXX
BPA       X        XX  X        X   XX  XXXX   X XXX     XX            X   XX  X     XX  X         X X        X  X X  X XX
BRD        X        X   X   X       X X  X      XX  X                   XX X         X      XXX X  X   X  X

BRG   X     XXXXX    X X XXXXXXXXXXXX  XXXXX XXXX XXXX XXX  XX XXXX XX XXXXX XXXXXXXXXX XXXX  XX  XXX XX    XXXXX XXXXXXXXXX
BRLK    X X X X          X  X    X XX X   XXX   X  X  X  X    X  XX      X    X  X    XX   XX    XX           XX        X XX
BRS                          XX        XX XX X X X     XX          X X     X XX    XX  XX X   X X     X     X XX   XX
BRT     X   X    X        XX   XX       X          XX     X X    X    XX  X        X      X X         X  X X  X  X XX
BRW      X XXX X       X XXXXXXXXXX X   X XX X    XX   X X XXX X     X       X  X   XX   XX X        X               XX  XXXX
BRY      X  XX   XX   X   XX  XXX       X X XX X     X X  XXX    XX XXX XX  X  X    XX X  X         X        X    XX  X     X
BSD      XX X         X   X X XX        X X      X X X    X            X        X                   X        X
BSF   XX XX XXXXXX  X X XXX  XXX X X   XXXX   XX XXXX X   XXX XXXX     XXXXXX    XXX XXX  XXXX     X XX     XX X   XXXXXXXXX
BSZ         X X X X  XX   X   X  X X      X  X X     X X X       X  XX X XX      X         XX               XX X X   X
BTH     X  XXX XX       X    X      X   X       X  X X  X X     X    X     X     X  XXXX XX X     XX XX  X  XX X X    X X

BTO      XX XX XX XX XXXXXXXXXXXX  XXXXXXXX X  X XXXX X XX XX    X    X XXX  X XXXXXXXXX  XX X  XX XXX X     X      XXX   XXX
BUD      XX X        X X X X     X   X     X        X X X     X          X                                   X
BUL   X  XXX XXXX X   XXXXXXX XX         XXXXXX XX XXXX XXXX  X X   XX X X     X    X    XXXX      X XX X XXX X  X XXXXX  XX
BUT                       X      X              X        X    X   X  XX XX      X                             X
BW06  X  XX X        X X XXXX X XX  X   X XXX XXX  X    X    X   X       XXX XX   XXXX XXX   XXX      XX X    XX    X  XXX  XX
BWA                          XXX     X     XX X XX X XX    XX  X X  X XXX  X  XX   XXX  XXXX   X XX        XX  X XXXX   X  X
BWN      X                XX   X        X X  X XX XXX      X XXX               X  X   X       X                  X  X  X X
BWZ   X   X  XX X  XX  X  X XX          X            X  X X       X   XX   X         X   X               XX     X X  X
BZS   XX XXXX X  XXXX    XXXXXXXXX    X XX                                      X XXXXXXXX    X      XXX   XXXX          X  XX
CACH  X XXX XX    XXXXXX  XX XX XX  X   X XXX                          XX  X X   XXX XXX XXX X   XX X XX X  X    X    X    X

CAF   X XXX X XX    XX X XXX XXXX X X X XXX  X XX XX X X     XX   XXX      XX XX      XX XXX   XX      XXX X       X         X X     X
CALA  X  X                  X        XX                    X X     X X    X X          X   X   X           X    X  X X
CALN      X        X      X             X       X     X                X X            XX           X    X
CAN                          XXX X   X     XX X XX X XX    XX   X X  X XXXX X  XX    XXX  XXXX   X XX        XX  X XXXX   XX X
CAR       X         X       X     X                  X                        X   X    X                       X X      X
CAW             XXXX XXXXX  X X   X XXX X  X  X X     XXXXX  XX  X  X  XX  XXX    XX  X    XX              XXXX X   X  X
CBN                  X    X                          X      X   X   X          X X  X   XX                        X
CCB     X X X              XXX  XX             XX XXX       X XXX              X  X  X    X                   X   X  X
CCH                 XXX XXXX XX XXX XXXXX   X  X
CD2     X XX XXXXXXXXXXXXXXXXXXXXXXXXX XXXXX XX X XX XXX XXXXX X X    X XXXX X  XX X XXX  XX X  XX XXX X X XX     XXXXX  XXXX

CDD                                             X            X  X       X   X  X     XXX  XX                X           XX
CDF   XX XX XXXXX  XX X XXX  XXX X X  XXXX   X  XXXX XX  XXX XXXX    XXXXXX X XXXX XX   XXX      XXXXX     XX X   XXX XX XX
CDR      XX X XXXXXXXXXXXXXXXXXXX       XXXXXXX XXXXXXXXX   XXXX        XXXXXXXXXXXXXXXX XXXX X   XXX XX XXXXX  XXXX
CEH       X          X X X          X X    X XX          X    XX         X XX    X                                XX
CER                    X XX   X          X         X X         X             X  X       X      X          X X    X
CEY     X XX X     X XXXXX   XX X    XX  X XX  X XXXX   XX  XXXX   XX XXX   XX X XX   X  XXXXX X XX   X      XX X    X
CFA   XXXXX XXXXXXXXXXXXXXXXXXXXXX      XXXXXXXXXXXXXXXXXXXX  XXX XXXXXXXXX XXXXXXXXXXXXXXXXX XXXXXXXXXXXXXX XXXXXX X XXXXXXX
CFR     XX X X  XX   X XXXXXX XXX
CGLM    X X X X         X  XX                     X        X  XX      X    X  X  X XXX  XX      XX    X        XXX  X  X XX
CGX           X X        X X  X        X   X       X       X  X X                            X X        X                X

CHCH  X XXX XX    XXXXXX  XX  X XX  X     XXX XXXXX X  X         X     XX  X X    XXX  XX XX  X X XX   XX X  X    X    X    X
CHG   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX    XXXXXXXXXXXXXXXXXXXXX X XX XXXXXXXXXXXXXXX XXXXX     X  XXXXXXXXXXXXXXXXX
CHJJ     X  XX  X   XXX X X   XX  X X  XXXX   XXXXX X X X   X   X      XX X      X  XXX   XXX     X X      X X     X X XX X  X
CHTO  XXXXXXXXXXXXXXXXXXXXXXX XXXXX XXXXXX XXXXXX X  XXX    XX  XX     XXXXXX X X   XXX   XXX XXX XX  X   XX      XXX X   XXX
CIN   X X XX XXXXXXXX     XXX XXX   XXX XXX XXXXX  XXXXXXXXXXX XX X  X  XX XXXXXXXXXX XXXXXXX XXXX XXXXXXXXXXXXXXXX X X XX
CKI      XX            X X     X X X  X  XX     X   X X              X  XXX  X    X    XX           X    XX X           X
CKL                          X XX X   XXX   X XX XXX X    X  XX      X    X  X  X XXX  XX      XX    X         XXX  X  X XX
CKN                     X    X  X X   XXX   X XX XXXXX    X  XX      X    X  X  X XX   XX      XX    X         XXX  X  X XX
CLC                                                  X    X   X       X   X   XX       X X  XX X         X     X XXX  XX
CLI                XX XX  X X XXX  X   X    X     XXX X   X    X      XX          X X   XX  X  X   X X

CLL   XX XXXXX X    X XXXXXXXXXXXXXX   XXXX XXXXXXX XXXXX XXX XXXX XX XXXXXXXX XXXXXXX XXXX     XXXXX X             X X   XXXX
CLLP       X          X     X    X     XX   X  XX   XXXX   XX     X    XX   X    X          X    X   X  X           X X    X X
CMB      XXXXXX X    X X X X   XX      X XX  X  XX   X    X    XX      XXX      XX  XXXX XXX   XX X XXX    XX X  XXXXX X
CMCZ  X         X   X         X         X          XX                       X     X XX                      X       X X  X
CMP     X X  X      X XXXXX   X        X X      X X X    X   X X      XX  X    X   XX   X X   X          XX       X
CMS   X XXX XXXXX  XX X X X X  XX  X   X X XXXXX X X XX  XXX  X X          XX  XXXX  XX XX  X X X            X X XX    XX X
CN2     X XXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXX XXXX XXXX X X XXX XXX    X XXXX X XXXXX XXX  XX X  X  XXX X X XX     XX X   XXXX
CNB       X         X                      X      X    X                                    X X       X
CNPM    X X X X        XXXXX    X XX X   XXX   X  X  XX X    X  XX       X    X  X  X XXX  XX      XX    X        XXX      X XX
COLF      X       X  X   X   XX         X          X X               X                  X            X
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DATE    | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |10 |11 |12 |13 |14 |15 |16 |17 |18 |19 |20 |21 |22 |23 |24 |25 |26 |27 |28 |29
--------------------------------------------------------------------------------------------------------------------------
COLM           X          X X  X        X   XXX      XX     XX X X                         XXX        X    X         X X
COOL     XXXX  X X  X X X X X X          X X  XXXX X  XXXX   XX  X X  X X XX X   X    XX  XX XX  X X X     XX    X XX   X
COP        XX               X X X          X          X X               X        X X                        X X    X
COZ                   X         X    X        X       X  XX       X      X                               X
CPD          X           X     X    XX   XX   X  XX    X X   XX         XX   X                  X    X  X          X     X X
CRE      X XXXX      X  XXX X    XXXXXXXXXXXXX  XX  XXX X X  XX   X     X  XXX     XX X    X   XX X  XX X   X     X     X XX
CRM          X                  X              X     X X      X          X  X   X XX      X     X X       X  X   X   X  X X
CRP      X X X X         XXXX    X XX X   XXX   X XX  XX      X  XX      X    X  X  X XXX  XX     X     X       XXX  X  X XX
CROM     X X X       X    XXXX   X    X    XX   X XX  X       X  XX      X    X  X  X       X   X  X
CRZF        X  X            X                    X      X               X       X         X                 X     X  X X
--------------------------------------------------------------------------------------------------------------------------
CSI      XX     X  X       XX   XX X  XX  XX           XX    XXX    X X XX  X     X X      XX     X X X  X XX        X X
CSS     XX XXXX  X X  XXX   X X X X   XX X X  X  X X  XXX   XXX X  X   XXX  X    XX   X X  X       XX XXX   X X    X X X XX
CSY        XX               X                           X               X            X    XX         X               X
CTGM     X X X       X    XXXX   X         XX   X  X  X       X  XX      X    X  X  X       X   X  X              X     X X
CTI      X XXXX X     X X XXX    X XX XX X X    X  XX X X    X    X     XX XXX   XX   XX   X X   XX  XXX    X      X X  X XX
CTT                                                       XXX X                                       X X  XXXX XX  XX    X
CUT      X X X X          XXXX  XX XX X   XXX   X XX XXX      X  XX      X X  X  X  X  X    X     XX    X       X X  X  X XX
CVL     X   X X         X X X    X       X X  X  X XX X X    X          X          XX  X  XXX   X                    X
CVO      X  XXX XXX     XX     XXX   X   X X        XXX XXX XXX XXX     XXX X     X      X X  XXX XX X   X XX    X X
CYA       XX XXX XX       X X  XX XX XXXX  X  XXXXXX X  X X  XXXXXXXXX XX XXXXXX XX XXXXXXXXXXX XXX XXXXXXXX XXXX X XX XXXX
--------------------------------------------------------------------------------------------------------------------------
CZI      X      X X              X X  X   XX      X    XX XX XX  X    X  X      X X    X   X          X
DAG     XX XXXXXXX XXXXXX XXX XXXXX XX   XXXX XXX XXX X      X  X XX   XX X  X  XX XX  X     X      XXXX XX XXX X XXXXXX XX
DAU       XXX XX        X XXX XXXX   X  XX XX    XXXX X      X  X       XXX      X  X XX   XXXX  X          XX   X  XXX   X
DAV                         X X   XX   XXX    X  X X    X    XX       X XX      XX    XX  XX     X   X      X     XX X  X
DCN                         X XXXX   X   X X            XX              X                                   X
DDM          X             X    XX    X           X  XX           X           X        X    X      X    X         X     X X
DEG     X    X       XX  X          X  X    X X  X X   X    XX             X  X     XX              X         XX X XXXX XX
DEV                   X                          X    X X     X X X  X  XX  X     X        X               XX   X
DFR      X X X X         XXXX    X XX X   XXX   X XX  XX      X  XX      X    X  X  X XX   XX     XX    X       XXX  X    XX
DIM                   X X   X   X          X          X X   XX          X   X              X               XX
--------------------------------------------------------------------------------------------------------------------------
DIW             XXXX X   X  X      X X   X  X  X X      XX X      X  X  XX  XXX     X  X    XX              XX X X  X  X
DIX     XX XX XX        X  XX   XX        XX      X   X X         X     X XX      XX XX    X X              X     XX     XX
DJE        X X       X     X X  XX    X           X  XX         X             X  X          X      X             X     X X
DL2      X XX XXX     X XXXXX   X X  X   X XX X  X XX   X    XX         X X      X X  XX  XX        X  X    X     X X  X
DLA        XX      X   X  XXXX     X   X       X       XX X    X       X                      X                X
DMK            X  X  X    XXXXX                   X X X   X X X                                   X X X X X XXX XX  XX   X
DMN     XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  XXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXX
DMU                         X XXXX   X   XXX            XX              X                                   X
DOI                       X    X X        XX      X   X X      X        X XXX   X     X   XX         X  X XX X           XX
DOT      X X X       X       X  X               X X  XX           X          X              X      X    X        X     X X
--------------------------------------------------------------------------------------------------------------------------
DOU     XX XX X XXXXX X X XXX XXXX  XXX  XXX X X XXXXX X XXXX X XXX     XX XX    XXX XXX XX    X X X X X XXX  X   X X    XX
DPW       XXX XX        X X X  XXXX  X   X XX  X   XX X XX   X   X     XXX      XX  XX XX XX     X X X              XXXX XX
DRV     X           X       X                    X      X               X              X  X            X          X
DSI                     X X X   X                  X    X    X    X                                                   X
DST      XXX XXXXXX XX    XXXXXXXXXXXXXX XXXXXX XXXXXXX XXXXXX                             XXXXX X XXX XXXXXXXX XXX XXXXXXX
DSZ     X   X  XXXX XX  X  XXX     X X    X X  X X  X X XX X         X XX XXXX   X X XX     X               XX      X
DUG       XXX XX        X XXX  XXX   X  XX XX  XXXXXX X XX   X XX     XXXX      XXXX XXX   X X  XX  X  X    X    X  XX XXXX
DUI      X X XX         X XX X   XXX      X XX  X     X X X X          X   X       X X     XX     X        X  XX     X X
DVD          X    XX X XXX  XXX  X   XX    X                 X      XX
DZM     XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXXXXXX X XX XXXXX XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXX X XXXXXXXXX
--------------------------------------------------------------------------------------------------------------------------
EBAN        X           XXX      XXX  X    X X   X   XXX        X   X  X  X    X    X X      X        X     XX      X
EBR         X    X         XX      X              X     X              X              X                    X   X  X  X
ECH        XX X         X X X   XX         X         XX X         X    X  X     XX   X                     XX
ECO                                  X X X     XXX     X XXX X       X            X  X XX  XX XX     XX X   XX XX  X
ECOG        X            X X      XX X    XX         XXX            X  XX X    X       X X   X       X      XX      X
ECP        XX X         X X     XX  XX     X            X    X         X
ECRI        X             X    XXX               X      X    X         X                      X            X        X
EDC           XX  X XX  X XXX XX X XXX X  XXXX  XXX XXX X XXX                                      X X X XXXXXX XX  XXXX  X
EGD                     X       X      X          X       X                 X  XX     X  X          XXX  X
EGRA        X            X X     X X       X            X    X                                             X        X
--------------------------------------------------------------------------------------------------------------------------
EGUA        X            XXX     XXX      XX X   X     XX              XX X    X        X            X     XX
EHOR        X        X  XXXX     X X XX    X X   X   XXX        X      X  X    X    X X X   X        X     XX       X
EHUE                       X     X X X     X            X           X XX
EJIF                 X  X XX     X X X     X X   X   XXX               X  X    X        X   X              X        X
EKA     XX XX X      X X XXXXXXXXX   X     X  X XXXX X XX   X  XXX     XX  X  X XXXX XX   XX X    XXX   X  XX     X XX X  X
ELC     X   X X         X X X   XX   X  XX X   XXX XX X X   X  X X     XX  X    X X  X     XX    X         X        X X
ELF         X      X  X   XXXX X   X   X       X       XX X   X       X   X               X  X                X
ELL     XX XXXXX XX X XXX XXXXXX XX   X X X  XX    X X XXXXXXX                                 X   X XXXX XX X  X X X X XX
EMON                     X      XX X                    X                 X                              X X        X
EMS     X  XX XX        X XXX   XX         X      X   X X         X    X  XX     X  XX    X X              X       X     XX
--------------------------------------------------------------------------------------------------------------------------
EMUT      XXX XX        X X X   XX   X   X XX X XX X X X    X  XX      XX       X X  XX   XXXX  X    X               XX  X
ENIJ                       XX    XXX      XX           XX           X  X                             X     XX
ENN        XX     X  X   X X     X  X            XX XX X X  X     X    X  X    X  XX X X XX                   X X X X
ENR        XX X XX  XX  X X X   XXX X           X   X  X X   XX  XX  X  X  XXXXX X X XXX X  X  X X   X  XX  X  XX X    X  XX
ENSF        X    X       X      XX         X            X              X                                   X
EPF        XX X  X  X    X     XXX X X X X X     X XX X X   XX  X X   XX  X           X        X X         X        X  X  X
EPLA                    XXXX    XX X  X    X     X     XX       X      X  X    X    X X                  X X        X
EPRU        X        X  XXXX       X       X X   X     XX              XX X    X      X X   X              X        X
ETA        X  X         X X     XX  XX     X            X    X         X                                   X   X
ETOR        XX           XXX   XXX X X     X     X    X X    X        XX       X      X      X       X     X        X
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DATE  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |10 |11 |12 |13 |14 |15 |16 |17 |18 |19 |20 |21 |22 |23 |24 |25 |26 |27 |28 |29

EVAL      X            XXXX   XX X  X               XX        X      X       X    X   X   X             X        X
EVIA      X             XXX   XXXX X    X     X     X X    X  X X X XXX X        X X          X     XX         X
EWZ       X XXX XX XX  X  XXX          X     XXX  X X XX X       X  XX X XX    X XX  XXX     X        XX      X X  X  X
EYL                                                 X X  X XXXX                        X    XX XX  XXXXXXXX XXX XXX
EZN                                 XX X X X   XXX  XXX XXX X X                                  XX    XXXX X   XXXX  X
FBA    XX XXXXXXXX X X X XXXXXXXXXXXXX XXXXXXXXXXXXXXX XXXXXXX XXXX  XXXXXXXXXXXXXXXXXX  XXXX  XXXXXX XX   X  X XXXXXXXXXXX
FDF        X  X           XX              XX    X XX  X  XX         X  XX  X XX      X   X X X      X  X  XX   X  X X
FEL      XX X   X      X XXXXXXXX         X        XXXXX X      X     X     X XXXXXX XXX  X     X XX X X  XX XXX XX    XXX X   XX
FFC    XXXXX XXXXXX   XXXXXXX XXX  XX XXX XXXXXXX XX XXXXX  XXXXXX      XXX  XXX XXXXXXXX XXXXX XX XX  X   XX  X XXX XXXX XX
FHC      X X  X X          X     X    X          X         X    XX           X            X                              X

FID     X X X X      X    XXXXX    X     X    XXX    X  X            X  X        X          X
FIN      XX X     XX  X X X  XXX X              X   X X     XX  XX      X  XXX     X  XX  X     X       XX      X  X  X    X  XX
FIR      XX X           XX    X  XX X    X             X X     X            X  XXX        X     X         X     X       X
FLN    X  XX XXXXX  XX X XXX XXXX X X X XXX    XX XX XXX   XXX   XXX     XXXXX     X X  X  XXX     X X X    X  X   X XX     X
FMT                                                                               XXXXXX X X X   XX     X      X X     X   X
FNA     XX X      XX       X       XX      X     X   X X    X  XXXXXXX X X    X   XXX X   X XXX   X X     X X X     XX X  X     XX   X
FOO                                      X                   X                         X     X              XXXXX  X
FORR   XXXXX  XXXXX     XXX XXX  XXXX  XX XXX XXXXXX  X XXXX XX   X X  X XXXX XX  X     XX  XX      XXXXX       XX     XXXXX  X XX
FRF      XX X      XX  X X X  XXX X XXX XXX    XX XXXX X      X   XX      X  XXX        XXX X X X   XX XXX      X  X   X X X  XX
FRI      X XX          X   X                   X   XX          X    X      X            XX  XXXX XXX   X  X  X              XXX

FRO                                      X                   X                         X     X              XXXX   X
FRS                  X    X X   XX       X     X  XXXX   X X               X                X  X       X       XX      X X X  X
FUO       X          X         X    X              X      X                                 XXX                         X X X
FUR      XX X X      X X  XX    XX   X      XX     X    X X X     X     XX     XX XX     X   XX    X X         X     X       XX
FVI     X XX X X    X    X  XX    X XX XX X X    X    X X XX X X    X      XX XXX X XX X XX   X XXXXXX X XX     X  X    X X XX XX
FVM    X X X X          X XXX   X X   X  XX X  XXXX XX X X    X    X X     XX  X        X X X XXXX      X          XX      X X    XX
FYU      X X              X     X          X          XX         X              X                                         X      X X
GAR                                                                          XX   XX X XXXXXXX  XXXXXXX XXXX X
GAZ          XX X         XX            XX       XX XXX    X X
GBTN      X XX          X X X         X    X X   X   X XX X X        X      X    X          X     XXX                        X      X

GBZT               X          X          X  XX   XX   XX X X   XXXXX  X        XX XXX        X  XX          X       XXXX X X    X
GCC       X XX                                      X         X     X      X           X   XXXX  XX        X                XXXX
GEC2   XXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXX XXXXXXXXXXXXX
GHO     X X X X      X    XXXXX  XX XX X    XX   X XX XXX X    X  XX       X     X  X  X XX   XX     XX     X         XXX  X  X XX
GIB     X    X      X            XX X X      X      X   XXXXXX  X         X X       X    XX        X                  X  X  X     X
GIBL                       X  X       X         X         X            X                     X  X
GKN    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXX
GLA          XXX     X XXX X  XXX   X X   XX    X            X  XXX      X      X  XX    XXX XXX     XX                    X X    X
GLB     X X X        X     XXXX   X X  X    XX    X  X  XX     X  XX       X      X  X  X  X    XX    X XX     X          X       X X
GLD    X  XX X              XXX             X           X                    XX            X  X                     X      X

GLI     X X X X      X    XXXXX   X XX X   XXX   X XX  XX X       XX       X      X  X  X XX   XX   X XX     X          X      X XX
GLM     X X X        X      XXX  XX          XX  X XX XXX      X X X              X  X  X       X       X     X          X  X  X X
GMW       X  XXX     X X X X  XXX   X   X XX     XX X X    X  X       XXX   X  XX    XX            X X                   XXX XXXX X
GOL    X                  XX  XX    X  XX X   X X XX  X    X  XX X     X          X X  XX  XXXX  XXXX X       X         XX   X
GPA     X X XX   X       X  XXXX  X          X      XXX X  XXXX
GRBF     X X X  X        X      XX        X            X                 X                    X               X
GRF    X  XX XXXXX X XXX XXXXXXXXXXXX  XXXXX XXXX XXXX XXX  XX XXX  XX XXXXX   XXXXXXXX  XXXX     XX X   X  X    X X    XX
GRG                            XXX   XX       XXXX  XXXXXXXXXX XXXX        XX X     XX X             X         XX X  X  XXXXX XX
GRR    X  XX XXXXX  XX X XXX XXXX X X X XXX    XX XX XXX   X X  XXX     XXXXX     X  XXX  XXX     X X X    X  X   X XX     X
GRT       X X              X         X     X    X   X   X                X            X    XX

GSC                        X                        X                    X        XX   X X X X     X      X            X X
GTA    XXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXX XXXXXXXXXXXX XXX   X XXXX X XXXXXXXXX  XX X   XX XXX X X XX     XXXXX  X XX
GUA      XXX XXXX  X XXX X X X   X X  X X  X XX XX     XXXXXXX  X  X X XXXXX    XX X XXXXX XX  XXXX  XXX  X XX  X X    XXX X
GUAN      X          X   X    X     X                                            X        X                  X      X       X
GUD       XX              XXXX   XX X XX         X      XXX        X        XX X    X    X X       X           X XX       X
GUMO     XX XXXX    XXXX X XXX X XX    XX  X XX XX     XXXXXXX  XX XXX XXXXX    XXX XXXXXXX XX  XXXXXXXXX XXXXXX X X XXX X
GUN    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXX
GYA      XX XX XX XXXXXXXXXXXXXXXXXX XXXXX XX X XX XXX X   XX X X   X XXX  X     X X XXX  XX X  XX XXX X X  X      XXXX  XXXX
GZH      XX X XXX  XX X X X      X          X X  X       X      XX        X X     X    X     X    XX                 X       XXX  X
HAU    XX XX XXXXX   X X XXX  XXX X X   X XX    XX XX X XX  XXX XXXX    XXXXXX X XX    XX  XXXX      X XXX      XX X    X XX XXXX

HBF       X                X X         X        X                    X              X     XX                           X X
HBMT                         X      X            X         X   X  X   XX XX     X                                 X
HBZ      XX  X    XXXX XX  X X X  X    X X  X  X X   X XXX    X  X  X  XX XXXX    XX XX     XX X    XX     XX   XXXX XX  XXX
HCY       X  XX    XX   X    XX  XXX      X X XX X     X X  XXX    XX XXX XX  X  X    XX X  X          X            X     XX  X     X
HDA     X X X        X     XXXX  XX    X    XXX  X XX XXX     X X X       X      X  X  X  X   X     X         X     X          X   X  X X
HFS    XXXXX XXX X X X XXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXX XXXXX X XXXX XXXXXXXXXXXXXX X   XXXX XX  X XXXXX XX
HHC    XXXXXXXXXXX XXXXXXXXXXXXXXXXXXX XXXXXX XX X XXXXXXXX XXX XXX   X XXXX X XXXXXXXXX  XXXX   X   XXX X X XX      XXXXX  XXXX
HKC    X XXX X XX  XXX X XXX  X            X X XX      XX              X X     X     X      X     XX                 X        XX   X
HLW      XX X     X      XXXX                      XX X    XX          XX    X     X     X      X        X X XX X       X X X
HNR     XX XXX  XXXXX XXXXX X  XXXXXX    XXXXXXXXX XXXXXX XXXX       X X X    XXXX    XXX XX  XX  X    X XX X          X XX     X

HOF      XX X    X       X   X X XX  XX      X           X   X   X        X X       X        XX    X                  X        X
HON                       X                             X                  X                X    XX                   X        X
HOOJ   X  X XXXX XX  XXXXX XX XXX XX    XXXX X  X      X     XX    X      XXXX X   X X XXX  XX X  XX X      X   X X  XX XX X  X
HOR    X  X                        X        XX                     X X    X X     X         X    X    X           X    X  X X
HPI     XXX XXX      X X X X  XXX X X   X XX  X XXXX X X   XX  XX  X  XXXXXX    X X  X     XXX    X X X X   X X       XX
HRI                  X X X  XX                                     X      X     XXX      XX   XX  X
HRT     X X       X XXX X XXX X      X     XX    X X X X XXXXXXX                                        X        XXXXXXXX  XX XX   XX
HRY                        X      X            X         X  X   X  XX XX    X              X
HUR     X X X            XXXX  XX    X     XX   X XX  XX     X  XX       X   X  X  X  X    X       X      X          X   X  X X
HVAR    X  X  X  XXX    X  XX   X X    X X        X   X      XX        XX  XX     X X    XX      X    X  X  X         XX
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DATE   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |10 |11 |12 |13 |14 |15 |16 |17 |18 |19 |20 |21 |22 |23 |24 |25 |26 |27 |28 |29
       --------------------------------------------------------------------------------------------------------------------
HVD                      XXX                 X   XXX   XX         XX   X
HVU      XXX XXX   X   X X X XXXX   X   X XX  XXXXXX X X   XX  XX  X  XXXXX    XX   XXX XXXX    X XXX X   X X      XXX  X
HYA                   X XX      X      X      X            X                 X XX    X    X    X   XXXXXX X    X X   X   X
HYB    XXXXXXXXXXXX   XXXXXX XXXXXX X X XXXXXXXXX XXXX X XXXXXXXXXX  XXXXXX   XXXXX XXXX XXXXXXXX X    X XX  X   XXXXXXXXX
IFR        X  X  X         XXX    X XX   X XXX XX    XXX X XXXX X     XX  XXX         X  X   X X X     X  XX    XX X   XX
IGT     X  X      X      X                   X X      XXXXXXX       X  XXX X     X X            X         X X  X    XX
IHA    X X    X    XXXXX                   XX X   X X             X     X  X X   X    X      X       XX X  X            X
IIA       X   X        X X    X                                                X         XX             X            X
IIDJ      XX XX  XXX XX  X     XX    X  XXXX X   XXX X X     X  X     XX       X   X X   XXX    X X     X      X X XX    X
III      XX  XX X  XX XX X X  XXX  XXX X  X X X X XXXX    XX  XXX X        XX  XXX   X XX XXX X X X XX XXX    XX   X X  XX
       --------------------------------------------------------------------------------------------------------------------
IISM      X   X       XX XX   XXX  XX  X  X X   X XXXX    XX XX            XX  XX      XX XX X    X X   X      X   X     X
IIT      XX  XX        X X  X X X  XXX X  X X X X XXXX     X XX   X        XX  XXX   X  X XX  X     X  XX      X   X X
IMA    XX XXXXXXXX X X X XXXXXXXXXX XX  X XXXX XX XXXXXXXX XXXXXXXX  XXXXX   X XXXXXXXX  XXXX  XX X X X   X    XXXXXXXXXXX
IMI       XX X     XX  X X X  XXX X            X  X  X X    XX  X         X X       XX  X     X     XX    X  X  X    X  XX
INE     X X X X         XXXX    X XX X   XXX   X  X  X  X    X  X       X    X X   X XXX XX      X    X       XXX     X XX
INK    XXXXXXXX     XXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  X XXXXX XXXXXXXXX XXXXXXXXXXX
INW     X X X X         XXXX    X XX X   XXX   X  X  X  X    X  X       X    X X   X XXX XX      X            XXX       XX
IPM       XX XXXX  XXXX XX XX X XXX  X     X XX X X  X X    XX      X XX    XX XXX  XX  XX      X   X     XX X   XXXX
IRK       XX XXXXX   X XXXXX    XXX X  XXXXX XX X XX X X   XXX X X  X XXX    X XX   XX  XXXX     XXXXX X X      XX      X
ISA           XX X   X X X XXX XXX              X XX X XX   X   X     XX  XX   XX   XXX XXXX XX X         XX   X XXXXX  XX
       --------------------------------------------------------------------------------------------------------------------
ISK     X        X XX    X X X            X     X  X X    XX X                              X  XX X     XXX XX     XX   X
ISR     X XX X  XX   X XX  X XXXX   X   XXX  X     XXX      X  X X    XXX       X X XX  XX  XXX X  X   X XX
ISSF            X          X           X  X            X X  X     X                                X           X X
ITB1         XX       XX   X  X               X X                          X X      X X X                        X X    X
ITU              X       X X                         XX   XX X         X   X     X                        X      X
IVA       X  XX   XX   X   XX  XXX      X X XX X     X X XXX     X XXX XX  X X   XX X XX         X        X    XX X     X
IZI     X X  XX  X XXXXXXXXXXXX X  XX X  XXX   XXXXXXX XXXXXXX                             XXX XX X   XXXXXXXX XXX X     X
IZM    XXXX X  X X  XX  XXXXXXXX X  X X X X X XXXX XXX XXXX X                              X  X     X   XXXX X X X XX XXX
JACH   X XX   X    XXXXX  XX  X X   X      XX XXXXX X X           X     X  X X   X   XX XX   X  XX   XX    X   X
JMB                  X     X              X        X X X   X           X   X             X               XX
       --------------------------------------------------------------------------------------------------------------------
JON                                                                            XXX XX X XXX   XX                   X   X
JSC    X   X           X X X        X   X X  X  X  X X X        X      X         X   X X XXXX                    X X X   X
KAF    XX XX XXXXXX XX X XXXXXXXXXX XXX XXXX XXXX XX X XXXX XX X X  X XXX  XX XXXXXXXX  XXX   X XX X XXX XX  X  XXXX XXXXX
KAGJ         XX   X    X X X            X  X           X     X  X              X     X   X     X                 X    X
KAIM    X X X       X    XXXX             X                     XX      X    X            X   X                         X
KAKJ      X  XXX   X XXX X X   XX       X XX X XX XX   X X  XX  X      X       X  XXX   X X     X   X  X X      XX X  X  X
KAS       X XXX X    XXX XXX X X X    XX  XX X     X X X XXXX   XXXX   X   X   X     X          XXX      XX     X      X
KBA    XXXXX XXXX XXXX X XXXXXXXX XXXX  XXXXXX XX XXXXXX XX X XXXXXX  XXXXXX   XXXXXXXXXXX XX  XX  XXX X XX      X XX X X
KBS       XX           X                          X    X    X          X              X     X             X
KCT     XXX X XXXX XXXX XXXXXXXXX XXX X XXXXX  XXXXXXX   XXXX                                     X X X XXXXXX XX  XXXX  X
       --------------------------------------------------------------------------------------------------------------------
KDC     X X X X      X  XX XXX XX X  X  X XX   X  XX X XX    X  X X   XX            XXX XXX   XX     X    X   X  XX  XX X
KDZ                  X     X   X          X      X X X X X XX  X       X   X    X        X                XX       X
KEK     XXX X XX  X X   XX      X    X X  X XX X     X XX  X        X XX        X X     X    X            X XX X
KER      XX            X XX      X           X  X  X X X  X  X   X  X XXX      X                 X       XX        X     X
KEV       XX             X X   X          X  X    XX X X    XX X X    XXX  X  XX XXXXX XXXX      X X  XX XX  X     X  XXXX
KGM       XX XXX   X X     XX        X       XX X X   XX     X X  X   XX       X XX XX  XX            X    X X   XX X X
KGT                      XX                 X       XX     X                                                XX XXXXXX
KHC    X  XXXXXXXX   X X XXXXXXXXXXXX   XXXXXXXXX XXXX XXX XXX XXXXXXX XXXXXXXXXXXXXXX XXXXX   XXXXXXXX  XXX X XXX XXXX XX
KHKI       X  X X          XX X     X   XX  XX XX X   XX   X  XX          X  X    X XX  XX X   X    X  X  X    XXXXXXX X
KHL    X  XXXX XXX    XX  XX XX     X X X X   XXX X X XXXXXXX                                     XXX   XXXXXX X X X
       --------------------------------------------------------------------------------------------------------------------
KHT       XX XX XX X XX  XXXX XX        X XXXX  X X X X    XX    X   XXX   X   X X  XX  XX           X    X      XX  X XX
KHZ      XXXX X X X XX XX  XXX X XX X   X  X XXXX   X XX X  XX   X X  XX XXXX   X X XX  XXXX     X        XXXX X   X     X
KIC    XXXXX  XXX XX XXXXXXXXXXXXXXXXX  X XXXXX X  XXX XXXXXXX XXXXXX XXXX XXX XX XXXXXXXXXX  XX X XXXXXXXXXXX XXXXXXXXXXX
KIM                    X XXX    X            X        XXX              X
KIW           X X X XXXXX  X X X  X X X X  X  XXX    X XXX  XX   X X  XX  XXX    XX  X    XX              XXXX X   X  X
KKB                  X X                  X            X    X          X   X    X        X   X                     X X
KKM    X   X  XXX  XXX     X   XXXXX       X X XX XX   X   XX         XX       X  XXXX  XXX       XX  X   X      XX   X
KKN    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXX
KLB      XXX  X X    X X   X X          X X  XXXX X X XXX   X    X  X X XX XX       XX  XX  XX X X X     XX    X XX    X X
KLI                XXXX        XXXX XX X X            X                    X XXX X                           X   X
       --------------------------------------------------------------------------------------------------------------------
KLU    XX XXXXX  X  X  X XXXX XXX X XX XXXX X X XXXXXXX    XX XXXX    XX    X XX  XXXX  XXXX  X XXX   X   X X  XXXXX  XXXX
KMI       XX XX  X X XXX XXX  XXXXX  XXXXXX XXXXXXX   X X  XX   X   X X  X X   X XX X  XXXX      XXX X XX X     X     X  X
KMR       XX               X                          X               X  X               X                X
KNA      XXX  XXXXX  X XXXXXXXX   X X  XX   XXXXXXXX  XX   XXX    X XX     X XXXXXXXXX  XXXX X  XX X X   XX X  X XXX XX XX
KNK     X X X X     X   XXXXX XX XX X   XXX   X XX XXX X    X  XX      X X  X  X  X XX   XX     XX    X       XXX  X  X XX
KNT    XXX X      XX   XXX XX XXX    XX  X XXXXX  XXXXXXXXXXXXXXX  X  XXX X   X XXX   X XX               XXXX X XXXXXX   X
KOD                                                                                   XXXXX    X  XX  XX XXX    XXX XXX X
KOT                     X                                                           X                  XX X        X X
KRA              X   X XXXXX XXXXX  XX  XXXX XXX   X XXXXXXXX  XXX X  XXXX X X XXX  XX   X   X XXXX  X    X     XX X     X
KRI       XX           X XXX X XX        X XXXXX    X X XXX X    X   X  X X    X    XX  X X        X  X  X     X X X    X
       --------------------------------------------------------------------------------------------------------------------
KRO                   X     X XX          X             X    X  X                                        X   XX
KSH     X XX XX XX     XXXXXX XXXXXXX X XX   X X XX X X  X XX X X     XXX      XXX  XX  XX X  X  XX  X X  X     XXX  XX X
KSI                      XXXX X XX   X  XXX  XXXXXX   X                     XX               X X X         XX
KSP    X  XX XXXXX   X X XXXXXXXXX XX   XXXX XXXX XXXX XXXXXXX XXXX XXXXX XXX XXXXXX XXXXXXX  X XXXX X  X X  X  XX X  X  X
KTH     X X X            XXXX XX XX X    XXX  X XX XXX      X   X      X    X  X  X  X    X     XX    X        X   X  X X
KTK1    X  X     X   XX    X X X               X   X                       X      X XX  X                X               X
KUG                       XXX          X X   X  X     X                                                   X XX
KUMJ      X  XX        X X X    X       X  X          XX    X  X               X    X   X      X                 X    X
KUSJ   X    XXXX  X XXXXX XX XXX XX     XXXX X X      XX   XX   X       XX X   X X X X XXX X XX X      X   X X XXX XX X  X
KUZ      X X XXX   XXX  X  X X    X           X X  X X XX X     XX X  XX XXXX   X X XX    XX X   X X   X XXXXX  X  X   X
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DATE  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |10 |11 |12 |13 |14 |15 |16 |17 |18 |19 |20 |21 |22 |23 |24 |25 |26 |27 |28 |29

KVN      XXXX        X X X      XX          X  X    XX X X           X      X          XX    XXX XXXX   XX X                 XXX
KVT      X X               X       X                 XXXXX  X X                                                X X        X  X  X
KZN   XXXX X  XX XXX     X X    X      X X  X XX X      X XX   X              XX
LACI              X                                                                            X  X       X    X      X     X       X
LAT    XXXX  X XXXXXX XXXXX XXXX   XXXXX XX  XXXXXXX XX    X XXXXXXXXXXXXXX   XX   XXX XX  XXXXXXXXXXXXX XXXXXX XXXXXXXXXXXX
LBF   X  XX XXXXXX XX X XXX XXXX X X X XXXX X XX XX X XX   XXX XXXX     XX XXX  XXXXXXXX XXXXX    XXXXXXX     XX X   X XX XXXX
LBFM     XXXX X X   X X X X XXXXX  X    X XX   X     X    X     XX   XX      X                                        X        X XXX
LBL         X        X       X      XXX       X    X              X X      X                          X        X       XX
LCCH  X XX    X    XXXXXX   XX   X XX   X      XXX XXXXX X   X            X      XX   X X    XX    XX XX   X X XX   XX X   X     X
LCH                                                                                         X  XXXXXX X X X    XX     X X     X         XX

LCI    XX  X  X  X            X      X            X            X  X      X             XX   X          X           X                  X X   X    X X
LDF   X  XX XXXXX  XX X XXX XXXX X X X X X      XX XX XXX      XX   XXX       XXXXX        X X XX     XX        X X X      X       X XX      X
LDN                 X          X      X          X                   XX X      X        X                                              X
LESF      X X  X          X        X                                 X                   X                X                               X
LFF   X  XX X XXX   XX X XXX   XXX X X X XXX   X XX XX X X      X   X X     X   XX      X    XX     XX        X X         X          X X   X
LHS   X   X X            X X X      X          X X   X   X   X X X          X       X    X        X X      XXX                            X X    X
LIBD     XX              X    X    XX           X              XX X                     X            X                                 XX
LIC    X XX   X     X XXXXXXX XXXX X X    X XXX X X    XXX X XX   X   XXXXX XXX   XX     XX XXXXX XXXXX XX     X   X XXXX     XXX XX   XXX
LIT   XXX X      XXX      XXX X     XX     X       X   X XX     XXXXXXXX XXXX  X   XXX X     XXXXX     X XX    X X X          XX X   XXXX XX  XX
LJU    X XX X         X XX XX    XX   X         XX      XX XX XXXX X XX   XXXX     X XXXXX   XX X XX     X   X   XX      XX XX X        X X   X X

LLA       X XX              X X                                XX           X       X        X              XX   XXXX XXX     X  X                   XXX
LLS   XX XX X X          X XXX     XX              XX        X    X X             X        X   XX        XX                                           XX        XX
LMR   X  XX X    X XX   X X X   XXX X XXX XXX     X   XXXX X        X   X         X   XXX          XXX    X X     XX    XX          X   X      X X X   XX
LNO   XXXXX X          XX X XX XXX    X XXX X X X X XX     XX X                      X X     XX     X XXXX XXX X    X                 X            X XXX   X
LNV   X XXX XX    XXXXXX   XX XX XX   X       XXX XXXXX X   X X          XX       XX   X X     XXX XXX XX   X X XX X XX X   X      X       X      X
LOE      X   XX  X    XX    XXX XXXXXX    X X X  X          XXX          X           X           X    X X   XX    XXX   X
LOF   XX  X     XX       X       X X X          XX           X X      XXX   X     XX        X  XXXX X         X XX   X          X X      X          XX                    X
LOMF     XX X            X X X   XXX                  X        XX X        X       X       X  X         XX     X                       X           XX
LON      X   XXX          X X X     XX    X     X XX        XX X X       X    XX        X X          X      XX      XX        X X                X           X XXXX
LOR   X  XX XXXXXX XX X XXX XXXX X X XXXXXX X XX XX X X    XXX XXXX     XXXXXX  XXXXX XX XXXXX    XXXXXXX         XX X      X XXXXXXX

LPB    XXXXX X XXXXXXXXXXXXXXXX XXX XXX XXXXXXX  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXX XXX XXX XXX XXXXXXXXXXXXXXX
LPF   X  XX XXXXX  XX X XXX  XXX X X X X X       XX XX XXX      XX   XXX       XXXXX        X   XXX   XXX         X X X        X    X      X XX   X X
LPG   XX XX XXXXXXXXXXX XXX   XXX X XXXXXXXX X XX XXXX XX   XXX XXX       XX XXX    XXXXXXX   XX X    XXXXXXX      X    X       XX   XX XX
LPL   XX XX XXXXXXXXXXX XXX   XXX X XXXXXXXX X XX XX X XX XXXX XXX       XX XXX    XXXXXXX   XX X    XXXXXXX      X    X       XXX XXXXX
LPO   X XXX X XXX   XX X XXX   XXX X X X XXX   X XX XX X XX X XX   X X      XX   X        X     XX   X X         X X X        X            X X         X
LPR         X            X                  XX     XX     X    XX      XX X      X         X      XX     X         X             X       X        X   X            X X      X X
LRCZ  X            X      X    X      XX                 X                     XX              X                       X X                                    X              X X   X
LRG   X  XX X        XX   X X X   XXX X XXX XXX     XX XX X X      X    XX       X   XXX             XX   X X X      XX XX          X    X      X X X   XX
LRM   X XXXXXXX X     X X XXX XXXX X XX XXXXXX XX XXX XXXXX XX    XX XX XXXXXXX       X XX XXXX XXXX    X    XX X      XXXXX    XXX XXX XX
LSA    X XX XXXXX X XXXXXXXXXXXXXXX   XXXX   XX X XX X XX X XX     X     X XX            XXX    XX    XX         X X      X       XX           X X    X   X

LSCZ               X      X   X        XX                 X                    XX               X          X                 X XX                                          X               X X   X
LSD       XXXX          X     X X X   XXX X                 X          X X        XX               X   XXX        XXXX X      X     X        XX   X      X    X                  XX
LSF   X   XX XXXXX    XX X XXX XXXX X XXX X X       XX XX X X       XX XXXX       XX XXX   X XX XXX    X X      X XXX X        X                  XX       XX
LSM                                                                                                 X  XXXXXX X XXX    XX       X X      X X      XXXX   X
LST   X     X                    X      X            X X   X X            X                           X                              X X                                                    X
LTCM         X   X X             X     X               X      X                                                     X                 XX                                         X    X
LTI      X X X           XXXXX     X X        X         X         X              X   XX           X          X      X     X     X         XX        XX       X                             XX
LTMT                           X          X                           X                 X      X      X  XX XX          X                       X                X
LTZ   XX   X XXXXXX XX     X    XXX X   X X      X X    XXX    XXX XX X     X     X XX XX X XX     X X XX        XXX       X                XX        X X   XX
LVNJ        X                 X X                 X     X   X XX     X X                                        X       XX                                                        X

LVVM     XX   XX             X X            XX   X   X X       XXXX            XX     X             XX         XX            X XX   X              X                  X     X X   XX
LZH   XXXXXXXXX X XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXX   XXXXXXX X XXXXXXXXXXXXXXXXXXXX XXXXXXXXXX      XXXXX   XXXX
MADF              X               X                  X  X              X X    X        X                                              X                                   X X
MAF   X   XX XXXXX    XX X XXX XXXX X XXX XXXX     XX XX X X       XX   XXX X   XX XX     XXXXXXX   X XX      XXXXX X      X             XX     XX
MAHZ                     X    XX   X         X             X      X                         X          X X             X          X          X               X
MAIO   X XXXXX      XXXXXXXXXX XXXXXXX   X XXXX XXXX XXXX XXX XXX XXXX   XXXXXXXX X XX      XXX XXX    XXXXXX XX X   X     XXXXXXXXXX X
MAL       X        XX         XX X                     X    XX      XX            X             X                       X                           X                  X X X
MAO          X                  X       X XXXXX X X                 X             X               XX
MAT   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX X    XX XXXXXXXXXXXXXXXXXXXXXX XXXX XXXXXXXXXXXXXX
MAW                   XX XX X         X   XX   X        XXX X     X                  X     X          XX    X                X                           X X                X

MBC   XXXXX XXX X        XXXXXXXXXXXXXXX XXX XXXXXX XXXXXXXXXXXXXXXX      XXX           XXXXXXXXXXXXXX    XXXXXXXX XXXX        XXXXXXXXXX
MBH                       XX  X   XX                     X X      X      X          XXX   X     XX      XX                                                   X              X X
MBL     XXX     XX        X     X                 X           XX        XX      X          X XXXXX     XXX      XX XXX                         XX       XXXXX      XXX
MBU      X               X              XX        X      X                            X   X                                                                                   X     X
MCA                                                                                                    XXXXXX X XXX     XX       X X      X X       X
MCK    X X X              XXXX   XX     X      X X    X XX XXX         X XXX             X        X    X        X         X        X                X    X   X X
MCMT                        X X      X                       X                  X      X     X   XXXXX          XX                                        X
MCNL     X X X            X    X     X   X X    XXX     X           X    X       X    X              X X   X            XXX   XX          X                      XX                X X
MCT                .X          X       X XX         X                     X        X                                                                     X
MCW      X   X           X X X             X     X                   XX          X           X               X                           X X                  X XXX    X

MDB      X   XX   X   X   XX   XX                    X    X   X X     X        X         XX   X               XX   X   X XXX X X    X X XX   X
MDG     XXX XXXX   X X X XXX XXXX    XXXXX X   X XX     XX         XXXX    X    XXXX   XXX    XX    XX XXX XXXX    X X     X XXX X X XX XX   XX
MDI    X  X X X           X     X      X X         X                X X      X              X  XXXX   XX      X        X X       X      X      XX                X   X X
MDJ      XXXXXXX     XX XXXXXXXXXXXX X X X XX XXXX XXXX X X     XX XXX    X XXXX X X X X XXX    XXXX    XX XX    X         X          XXXX    X   X
MDM    X X X           X         XXXX   XX       X         XX   X    X XXX          X X X         X       X  X  X             X            X        X             X   X   X X
MDZ   X X     XXXXXXXXXX         X X          XX       XXXXXXXXX X X      X    XX      X   XXXXX XXXXX XXXXX   X XXX   X XXXX XX     X XXX
MEM   X XXX X    XXX XXX XXX XXXX    XXX   XX      X X XXXXX X X XX X         XXXXX X X XXX XXXXXX X X     XX X XXXX XXXX XXXX X XX
MEO   X XXX XXXX X    XX XXXX     X X X    XX X X XXX XX X XX X X XXX X      XX              X XX X   X XXXXX   X         X    X    X        XX X X
MEP           X                X              X       XX    X   XX      XX       XX                  X                          X       X        X
MEU   XX          X XX                  XX XX         X X     X       XXX          X                         X X    X       X              XXX X    XX                 X
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DATE  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |10 |11 |12 |13 |14 |15 |16 |17 |18 |19 |20 |21 |22 |23 |24 |25 |26 |27 |28 |29
      --------------------------------------------------------------------------------------------------------------------
MFF   X  XX XXXXX  XX X X X XXXX X X X X X    XX XX XXX    XX  X X    XXXXX     X  XXX   XX    X X X      X      X X     X
MGG   X    X       XX  X          X  X X    XX      X XXX    XX   X     X X XX   X        XXX           XX  X        X X XXXX XX
MGH      X       X   X          X    X    XX      X  X     X          X                                 XX X        X    X  X
MGM                                                                                XXXXXX X X X   XX    X X    X X     XX
MGP      X          X          X     X   X  XX    XXX    XX     X   XX   X    X         X    X    X
MGR   XXX  X  X  X      XXX   XXXX      XXXX     XXX XXX  XXX X X  X X XX XX    X X X     X         XX X XX XXX  X X XXX
MHC     X X             X X                   X    X    X         X    X            XXX   XX   X                  X X
MID   XX X X                                     X          X        X                     X
MIN      X XX X                               X    X      XX    X    X            XX        X                  X  X
MLR    X XXXXXXXX   X XXXXX XXXX    X   XXXXX X XX XXXXXXXXXXXX XXX  X   XXX XXX  XXXXXXXXXXXXXXXX XX XXX X XXX XXXXXXXX    X
      --------------------------------------------------------------------------------------------------------------------
MLY      X X             XXXX  XX     X     XXX  X XX XXX       X X X            X  X          X           X         X  X  X X
MMB                    X X   X    X           X  XX XX X X X X  XX            X   X     X         X   X         XXX       X X
MME      X XX                    X XXXXX X X          X  X                    X  XXX     X  X     X         X    XX          X
MMK   XX XX X          X XXX   XX          X      X     X         X      X  XX      XX XX     X X              X        XX      XX
MNDI  XX  X  X      XXXX XXX X          X      X X     XXX    XX X                                          X XX X X  X     X
MNG    XXXXXXXXXXX XXXXX   XXX X XX XXX X  X XXXX  X XXXXXXXXXX  X  X  XX XXXX  XXXX XX    XX X   XX    X XXXXX X XXXXXX  X
MNI      X XX             XXX             X XX    XXXX      XXX X               XXXX XX          X  X   XXXX
MNO    X         X       XX    XX X      XXXX   X     XXXXX  X  X     XX        X  X X X  X          X    X  X  X    X
MNS    X X XX    X                X XXXXXXXXXXX  X  XXXX X  XX X         X  XXX X XX   XX   X  X  XX XXX      X   XX X XX X  X
MOF      XX X          X X X   XX          X          XX X        X    X        XX   X                      XX
      --------------------------------------------------------------------------------------------------------------------
MOH                 X  XX  X   X  X        X    X     X          X  X  XX XXXX             X      X        X XX X
MOL        X         X  X  X          X      X     X     X                        XX   X X      X   XXXXX               X   X
MOMI                    X  X  X   X          X    X   XX           X       X    X       X
MOR7  XX  X   X      XX    X X X
MOW                XXXX X  X   X       X X      X  X         XXXXX      X  X  XX  XXX     X  X     XX                XXXX X    X
MOX   X  XX XXX X   X X XXX XXXXX XX    XXX  X X   XXXX XXX  X  X X   XX XX X
MOZ      X   X X X XX XX    X X  X X X X  X  XXX    XXXXXX         X  XX XXXX     X XX    X  X  X         XX X X    X
MQZ   X         XX X   X  X       X X    X X  X X     XXX X        X  XX XXXX     X XX    X     X         XXX       X
MRA    XXX     XXXX  XXX XXXX X XX        XX  XXXXXXXXXXXX  X XXXXXXXX   XXXXX   X XXXXXXXXXXX XXX  XXXXXX XX    X X XX XX
MRRJ     X  XXX      X X X X   XX  X      X  X  X           X           X X   X X X X  X      X     X     X      X X  X  X
      --------------------------------------------------------------------------------------------------------------------
MRW      X     XXXX X XXX  X X X  X XXX X  X  XXX      X XXX   X  X  X  XX   XX    XX  X     XX                XXXX X   X  X
MRWA    XXX     X  X X XX  X X            X X  XXXX     X XX   XX  X X  X X XX X   X    XX  XXXX X X X X    XX       XX   XX X
MRX      X  XX X         X X          X  X  XXX   X  XX     XX  X X X             X   X XX XXX        X  X            X X
MSL     XXX X       X X  XXX  XX    X   X XX XX X  X XXX   XXX   X X    X   X     XX   X XX X     X        XX X X  XXX  X
MSU     XXXXXXX       XXX XX  XXX   X   X XX  X XXXX X XXX  XX XXX      XXX XX   XXX  XXX XXXX  XX X XXX     XXX    X XXXXXXX
MSZ   X   X  X  X       X                X   X  X          X           X  X    X       X    X X    X                X
MTMJ     X  XX   X  XXX X X   XX  X X  X XX   XXXXX X   X   X  X      XX        X  XXX    XXX    X X    X       XXX  X X  X
MTN   XXXXXXXXXXXX XXXX X XXXXXXXX    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX           XX XXXX XXXXXXXXX XXXXXXX X XXXXXXXXX
MTU    X X X            XXXXX   X X  X   XX    X  X  XX X    X  XX            X  X     X   XX   X  X                   X XX
MTUR                    X    X  X         X  X        X XXX      X      XXX                                 X  X
      --------------------------------------------------------------------------------------------------------------------
MTW               XXXXX XXXXX  X X X  X X      X  XXX      XXXXX  X  X  X  XX  XXX    XX  X  X XX                XXXX X X X
MUD      XX X          X   X   X         X        XX X X    X          XX   X   X     X                          X X
MUN     XXX  X X    X XXX X X           X X   XXX X  X X X  XX  X X  X X XX XX  X    XX  XXXXXX X X X      XX     X X
MVIF       X             X               X       XX    X       X       X X            XX           X    X
MVM         X                 XX           X X      X X   X  XX          X  XX  X XX      X     X X       X  X    X    X  X X
MWC      XX  X      X X X X   XX      XX         XX    X   X             XX       X    XXX  X       X      X    X     XX
NAI        X     X     XX  X                 X       X  X X     XX    XX  XX      X  X  XX     X        XX    X X
NAL                                                                                                XXXX      XXXX X XXX X    X
NANU                                                        X XX X  X X XXX   X     X    XX      X        X
NAV                                                                                     X XX   XX                     XXX
      --------------------------------------------------------------------------------------------------------------------
NB2   XXXXXXXXXXX XXXXX XXXXXXXXXXXXXXXXXXXXXXXXX XX XXXXXXXXX XXXXX XXXXXXXXXX X XXXXXX XXXX  XXXXXX X X XXX X XXXXX XX XX
NCG    X X X X          X  XX   X XX X   XXX      X  XX X    X  XX       X    X  X  X XXX  XX    XX    X      XXX  X  X XX
NCT    X X X X          X                            X                                    X
NDI   XXXXX XXX X    XX XXXX XXXXXXX XXXXXX X  X XXXX XXXXXXX  XX    XXXX     X XXXX X   XXXX     XX  XXX  X     XXXXXXXXXX
NEA      X X               XXX  XX    X     XX  X XX XXX      X X X         X     X       X     X    X          X  X  X X
NEW      XX X          X X X  X X X     X XX X  X  X      X     XX   X XXX     X X  X        XX   XX X    XX    XX XXXX X
NIIJ     XX XX X    XXX X X   XX  X    X XX   XX XX   X X  XX  X      X        X  XXX   X X   X       X      X X X  X  X
NJ2      XX XXXXX XXX XXXXX XXXXXX XX  XXXX XX X XX   X    XX XX      X X  X X X X XXX  XX X    X  X   XX     XXX X  X  X
NKY         XX   XX   X   XX  XXX      X X XX X    X X  XXX   XX XXX XX  X  X   XX X XX      X               XX  X    X
NNA        X  X X XX  XXXXXXXXXX   XXX  XXX  XXXXXX XXXXX XXX XXXXXX X XX X XX X XXX X XXXX X X X XXX X X  XXX X  XXX X XX
      --------------------------------------------------------------------------------------------------------------------
NNL    X X X X         X XX   X XX X  XXX   X  X  XX     X  X      X    X  X    XX   XX     X           XX       X XX
NNT                    X X XX         XXX       XXX X          X X    X  X    X    X          X      XXX XXX
NOZ    XXXXX XX  XXXX XX  X X X  X X X X  X  XXX   X XXX  XXXX XX X  XX XXXX   X  XX   XX X  XXX  X  XXXX X   X X X
NPS   X          XX   X             X    X           XX             XX
NRA0   X         X   X  X    X      X X        X     X  X         X     XX XXX  X  XX   X       X  XX     X  XX
NRZ             X X X   X      X    X     X  X X      X X         X   X   XX    X      X          X
NSS      X      X   X     X  X                                      X     X   XX  X
NST      XX XXXXX X XX  X X  XXXX      XXX X      X X   XX   X     X   X  XX X  XX  XXX    X       XX  X  XXX  XX
NUR   XX XX XXXX X XX XXXXXXXXXXX  XXX XXXX XXXX XX X X  X XX   X X X XXX  XX XXXXXXXX XXXX   X XX XXXXX XX  X  XXX  XXXXX
NVL   X XXX  X  X   X X XXXXX XX                  X  X         XX                 X  X      X      X   X  X X
      --------------------------------------------------------------------------------------------------------------------
NWRM     X X           X     X           X                 X                    XX    X                         X  X
OBN     XXXXXXXX X  XX XXXXXXX XXX     X XX XXXXXXXXX X X XXX X X X X X X XXXX XXX XXX  XXXXX   X XXXX XXXXX    XXXXXX X XX
ODD1                X  X     X     X          X   X  XX                  X   X   X         XXXX  X       X
ODZ   X   X     XX XX                 X X  X X   X XX X     X  XX X XX   X  X    X     X       X   X X X  X
OFUJ     X  XXX X    XX XXXX XXX XX   XXXXX   X XX   X   XX      XX X    X X XX X XXX  X  X  X X       X X  X  X
OGA      XX X X     X XXX   XX X X   XX    X     X X X  X    X    X XXXX       XX   X X     XX    X      X X    X
OHR   XXXXXXXXXXXX  X XXXXXXXXXXXX XXXX  XXXX XXX   XXXXXXXXXX XXX XX XXX XXXX XXXXXXXXXXX  X XX X X  X XXXXXXXXXXXXX  XX
OJEN                      X X           X    X   XX         X     XX   X      X                         XX
OLLA               X        X     X                                   X        X                  X     X  X    X
OLY   X                 X X       X     X   X      X                 X        XX X   XX X                       X X
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DATE  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |10 |11 |12 |13 |14 |15 |16 |17 |18 |19 |20 |21 |22 |23 |24 |25 |26 |27 |28 |29

ORI                                    XX X         X   X      XX     X     X    X      X X       X              X XX    X   X    XX
ORO      XX              X X X  X X X       X     X       X X      XX           X   XX           X     X X        X       X             XX
ORV     XXXXXXX X    X X X X  XXX    X    X XX XX    X X X    XX   XXX       XX          XX XXXXX XXXX  XX X X X                XXXXXXX X
ORX      XX X       X   X X X  XXX X            X       X X     XX          X   XXX         XX          X       XX      X             XX
OSS   X  XX XXX        X XXX    XX            XX          X X              X      X  XX       XX   X     X X                X        XX     XX
OUR   XXX X      X XX X XXX  X   XXX    X      X XX XX  XXXXXXXXXXXXXXX  X   XXX        XX X             X        X  XXXX   XXXXXXXX  X
OXX     XXX XXXX     XX XXXX XXX   XXX X   X X    X XXXX      XXXX   XX     XX   . XXX XXXX   XX XXXX   X     X X     XX          X    X X   XX
PAG         X          X    X           X       X       XX      XX XX  X   XX    X   X   X X XX            XXXX               X   X   X   X      X X   X   X
PAHZ                   X  XX   X X X   X           X     X       X X          X   X   XX XXXX          X       X         X         X XX X
PAIG  XXX X      X XX X XXX  X          X      X XX XX  XXX XXXXXX XXXX  X     XX X      XX X                      X        X  XXXX   XXXXXXX   XX

PANV                                                                                X  XXXXXX X XXX    XX     X X     X X      XX
PAS                    X       X                              X                    X          X       X       X                  X              X    X
PATZ           X        X   X       X  X             X X     X  X           X   X   XX XXXX          X       X                    X X
PAX     X X X          X      XXXX   XX     X      X    X XX XXX       X XXX       X      X   X  X   X     X        XX      X          X   X   X X
PBJ   X XXXXXXXXX XX XX XX X   X   XX   X   X X     X XX        XXX    X     X            XXX    X XXXX    X         X      X          X X
PCC      X X  X              X                X      X          X      X       X          X    XXXX    X       X                   XXX
PCH   X XXX XX    XXXXXX  XX XX XX   X    X XXX XXX      X X           XX      XX   X X    XXX XXX    X X XX X XX X   X     X      X   XX
PCHF                                               XX X                                                 XX
PCI       XXXX      XXX XXXXXX X X                XXXX      X XX XXXX X      XXXX   XXX XX          X XX                  X  XXXXX
PCP      XX X     XX  X X X  XXX X                   X  X X    XX             X  XXX     X   XX           X       XX  X  X        X      X  XX

PDA     X          X                   X   X      X  X        XX XX                    X   X   X             X   X       XX         X  X        X
PDB   XX XXXXXX    X X XXXXXX XXX XXXX   XXXX    XX XX XXXX    XX    XXX      XX X  X XX XXXXXX XXX    XXXX    XX     X X XXXXX    X X
PDCR     XXX  X        X X X  XX                         X X                           X X          XXXX                 XX                 X
PEC      XXXXXX      X  XXX              X   X  X      X  X X X        XX       XX       X  XXXXXXXX XXXX   XX X XX XX   XXXX      XX XX XX
PEL   X XXX XX    XXXXXX  XX XX XX   X    X XXX XXXXX XX X X          XX       XX   X X    XXX XXX XX   X X XX X XX X   X     X      X   XX
PGB                    X     X    X            X  X  XX X X X X XXX            X    X      X          X     X                 XX          X
PGC      X  X          X   X X    XX    X   X   X   X         X         X          X                  XX                  X                         X
PGD     X X XX       XX XXXXX     XXXXXXXXX        X    XXX X                X   XXX       XX X     X     X X    X X   XX       X          XX
PGF   X  XX X    X XX  X X    XXX XXXXX XXX    X X    X X        X                XX         XXX   XX      XX   XXX    X        X X  X XX
PGZ      XX  XXX X XX  X  X    X  X          X   X X     XXXXXX X          X  XX XXXX     X XX      XX       X               XXXX X    X

PHAM  X   X XX        X    XX X         X    X X       XX X X          X       X          XXX XXXX XXX   XX X  X XX     XX     XXX
PHP                                                                                            X   X     X   X    X       X X X          X
PICO  X   X                            XX                         XX         X    X X                                X    X X X
PII      XX X          X   X       X X X X X        X   X    X           XX XXX          X      X        X    X    XX                     X
PJG      X  XXXX      XXXXX XX     XXX  X X  XXXXXXX       XXXXXXX  XX XXX XXXXX      XX      X XXXXX  XXXX XXX XXX XXX X X    XXX
PKEM     XXXX                X                        X                      X      X          XXX XXXX XXX   XX     X  X      X     XXX
PKI   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXX
PLAT                      X  X X    X         X          XX           X       XX      X          X
PLD                          X                        X X X       X       X    X                X                    XXX
PLDF         X        X     X    XXX      X   X           X X       X                         X                XX

PLE      X  XX    XX    X    XX  XXX      X X XX X      X X    XX     XX XXX XX   X  X    XX X XX           X             X      XX  X     X
PLM   X XX  XXX X   X XXX XXX XX    X   XX X      X XX X X     X    X        XX      X XXXXX XXX XXXX   XX X   X XX   XX X X XXXXXXXXX
PLRM    X X X X       X     XXXXX  XX XX X    XXX    X XX XXX X     X   XX        X       X   X  X   X     XX        XX        X        XXX  X   X XX
PMG   XXXXX  XXXXXXXX X XXXXXXXXXX X XX X XXXXXXXXX  XXX   XXXXXXXXXXXXXXX XXXXXXX X XXXXXXXXXXXXXXXX X   XXXXXXX XXXX XXXX
PMO      XX            X                            X X X          X       X                      XX  X                                 X X
PMR     X XXXXXXXX     X X XXXXXXXXXXXXX XXXXX X XX XXXXXXX  XXX XXXX   XXXXX     X XX XXXXX   XXXX    XXX     XX    X       XXXXXXXXXXX
PMS     X X X X   X   XX   XXXXX   XX XX X   XXXX X X XX XXXXXX    X XXXX      X X   X   XX X XX     XX        XX       X         XXXX X   X XX
PNJ                      X       X                     X XX     X                                                                         X X
PNT     XXXX XXX XX   X X X XXXXXXX   X X XXXXXXX X XX X XX   XXX XXXX   XXXXX    XX XX   XXXX   XXXX   XX X X X    XXX      XXX XXXX X
POO   XXXXX XXXXX        X XXXX XXXXX X X X XX X XX XXXX XXXXXXXX X        XX          X XXXXX XXXXX        X X XXX  XX         XXX   XX X

PORP        X             X       X     XX     XX    X  XX     XXXX   XX        X     XX    X       X            X       X       X  X               X X     X X
PPCY     X                X                               X XX XXXX               XX X       X                                                X      X  X
PPD      X X X XX       XX     X XXXX    X      XX   XXX XX X X X  XX      X       XX XXX   X    XXXXXXXX        X      X      X XX    XXX X    XXX
PPK                                                                               X    XXX   X X X X    XX      X X     X X     XXXX
PPM      XX  XX X       XX XXXX XXX    XX X   X X X X XXXX      XX XX      X         XX     XXX   X XX XXX XXX X XXX XX          X      X X    XX
PRI       X XX           X X                      X    XX   X             X        X            XX    XXX XXX    X   X   X                XXX
PRK   XX                     X               X         X XX                       XX   X      X                                 X              X
PRM   X    X X          X X X     X     X    X X  X  X  X X                       XX            XX X    XXXX                            X X         X
PRNI                     XX X                                                 XX                  X     X     XX                   X
PRP      X X         X      XXX  X                X   X XX XX          X X             X                                              X        X X

PRS      X XX             X X                         XX          X       X       X           XX  XXXX XXX    X  X  X             XXX
PRU   X   XX X XX     X X XXXXXXXXXXXX   XXXX XXXXX XXXX XXX XXX XXXXXXX XXXXXXXX XXXXXXX XXX X X XXXXXXXX     XX X   XXXX XXXXX
PRY                         X X   X         X                                              XX        X          X           XX       X     X X X
PSN                          X              X             X X             X    X                           X                     XX
PSO      X X          X    X X  X       X          X         X                          X XX       XXXX                               X   XX
PSZ      XX X  X      X X XXXX  X           XX        XX X X   XX     X      X    X      X      XX    X          X     X    X   XX       X X X
PT10     X X  X     XX  X      X                 XX                            XX   XX          X X X X X X
PTI      XXX X        X X X X X XX   X    X XX  X XXXX X XX  XX    XX   X    XXXXX      X       XX     XX       X    X             X          XXX  X
PTJ     X XX XX     XXX X X  XXXXXXXX  X X  X X X X X X X XXXXX   XX          XX XXXX XXX X XX   XX  XXXXX XXX   XX X XXX XX X   X X
PUZ     X XXX X       X  X  X X X  X XXX X  X XX X     X X                  X  X  XXXX           XX       X          X      XX  X X         XXX

PV09                   X                                         X               XX     XX  X          XX    X  XXX                  X   XX
PVC            X X  XX       X X  X         XX         XX      X             X XX    X   XXXX  X  X    X XX                  X          X
PVL                          X              X       XX X X X     X           X    X                  X    X              XX
PVY      X  XX     XX    X    XX  XXX      X X XX X    X X   XXX       X X X XX   X  X     XX X XX          X                  X      X    X       X
PWA     X X X X          XXXX   X XX X  XXX      XXXX XXXXX    XX   XX          X X  X  X  X  X  X    XX                          X X    X  X X
PWLA      X X          X  X X  X X   X   X X      X  X X X          X X      X                X X     XXX                           X X  X
PYM         X            X    XXX      X    X           X X      X                               X          X       XX
PZZ      XXXX XX  XX   X X X  XXX X            XX  X  X X      XX   XX  X  X  XXXXX X XXXXXXX  X  X X    XX XX   X   XX X     X   XX
OCP                                       X X  X          X      XX          X                      X      X    X                    X          X     X   X
OIS      XXX XXXXXXXXXXXXXXXXX                        XXXXXXXX XXX   X   X X XXXXXXXXXXX X XX  XXXX X XXXXX  X XXXXXX X
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DATE  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |10 |11 |12 |13 |14 |15 |16 |17 |18 |19 |20 |21 |22 |23 |24 |25 |26 |27 |28 |29
---------------------------------------------------------------------------------------------------------------------------
OIZ       XX XXXXX XXXXX X XXX  XXX    X XXX X XX X    X     XX          XX   X    X     X    XX                X       XXX  X
OLP    X  XX XXXXX XXX X X X Y  X           XX XX X X X    XX      X  X XXXX XX XXX   XX   XXXX    X X X     X   X X XXX  XX X
ORZ                  X  XXX X  X X    X X  X X  XXX XX X        XX XX XXXX    X XX    X     XX     XX     X   X X
OSM                                                                   X  X XXXX X X X    X    X X   X X   XX
OUE     X XXXXXXXXXXXXXXXXXX XXX XX XXXXXXX XXXXX XXXX XXXXXXX XXXX    XXX   XX XXX  XXX XXXXXXXXXXXXXX XXX    XXXX XXXXX
OZH       X  X XX   X    X X    XX         X X  X       X     XX       X X    X    X    X    XX      X        X    X X    X
RAB     X XXX XXX  XXXX   X X X    XXXX  XX X XX XXXX X XXX  XXXXXXX  X        X      X  XX    X    XX X X     X X    X
RDP                 X        X   X XXXXXXXXX              X    XX        X    XX   X    X    XX        X    X  XX       X  X
RDT     X X X X          XXXXX   X XX X   XXX      XX  XX X    X  XX       X    X  X  X XXX  XX      XX     X       XXX  X  X XX
RDW     X X X X          XXXXX   X         XX          X       X  X        X    X  X  X XXX          X      X       XXX  X  X XX
---------------------------------------------------------------------------------------------------------------------------
RED     X X X X          XXXX    X XX X   XXX   X  X    X X    X  XX       X    X  X  X XX   XX                     XX      X XX
REF     X X X X          XXXXX   X XX X   XXX   X  X   XX X    X  XX       X    X  X  X XXX  XX      XX     X       XXX  X  X XX
RFA       XXX XXXXXX XXXXXXXXX XXXXX X XXXXXXXXXXXXXXXXXXX  XXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXX
RIV        X      X X                                  X    X          X           XX    X                      X
RIY           X      XX  X X X   XX X        X    X   X    X X  X X        XXX          X   XXXXXXXXXXXXX    X  XXX XXXX  XX
RJF       XXX X XXX  XX X XXX  XXX X X X XXX  X XX XX X X      X   X X    X  XX     X  XXX   XX      XXX        X        XXX    X
RKG       XXX  X      X X X X                XX X       X      X          X X  X   XX    XX   XX     X
RLO        X X         X X XX XXX    X   XX X               XX X   XXX X                            X
RMN                         X X                      X   X X        XX           X          X  X                X          X
RMP                 X         X   X XXXX X   X              XX  XX          X    XX    X    X    X         X     X  XX       X  X
---------------------------------------------------------------------------------------------------------------------------
RMO     XXXX    XXX XXX X XXX X XXXX    XXX XX XXXXX X X XXX XXXXXX X   X XXX    X XXX XXXXX XXXXX   X X X   X   XX   X X XX   XX X
RMW        X  X X         X X X X X     X    X            X X XX   X   XX      X X      XX    XX          X X X                XXXX
RND      X XXXXX      X   X XXXX XXXXXXXX  X XXX  XXXX XXX      X XXX      X      X  X    X   XXXX  XXXX X XX        XXXXX XXXX
ROB        XX X XX  XX   X X X  XXX X          XX   X   X X     X  XX  X  X  XXXX       XX  X       X      XX  X  X  X  X     X  XX
ROCH    X XX  XX    XXXXX  XX  X X    X     XXX XXXXX X  X          X      XX  X X   X    XX XX  X    XX    XX     X    X        XX
ROI      XX     X XX        XX    XX X  XX   XX        X X  XX XX XXX X  X X X   X       X X  X    X      X X X  X XX     X X X
RRL        XXXX     X   X X X  XXX X         X    X  X X     XX           X  XXXX    X XX X   X  X      XX  X  X  X            XX
RS1      X X X X         XXXXX   X XX      XXX   X  X  XX X    X  XX       X    X  X  X XXX  XX       X      X       XXX  X      XX
RS2      X X X X         XXXXX   X XX      XXX   X  X  XX X    X  XX       X    X  X  X XXX  XX       X      X       XXX  X   X XX
RSO      X XXXXXX    X   XXXXX XXX XXX     XXX X X  XX XXXX   XX  XX       X    X  X      XX XXXX    XX      X      X XXXX X   X XX
---------------------------------------------------------------------------------------------------------------------------
RSP        XX X      X   X X X  XXX X            X  X  X X     XX          X  XXXX     XXXX      X   X      X    X  X  X       X  XX
RSSD    X  XX X        X X XXXX X XX  X    X XX  XXX  X    X   X   XX      XXX X    XXXX XXX X XXX XX   X        XX      X XXX  XX
RTBS      X   XX  XX  XX  XXX   XXXX   X  XX  XX XXX  XX  XX  X    XX    X    X        XX  XXXX XXX  X X XXX XXX X    X          XX
RTCB    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXX XXX XXXXXXXXXXXXXXXX XXXXXXXXXXX XXXXXX XXXXXXX XXX XXXXXXXX XXX
RTLL      X    X  XX  X  X         X       X  XX           XX         XXX X      XX  X XX   XX   XXX X XXX   XXXXX XXX  XX XXX XX
RTRS      X    X  XX  X  X         X       X  XX           XX         XXX X      XX  X XX   XX        X      XXXXX X
RUV        XX         X                              X X X           X       X           XX   X                          X X
RUZ       X XX   XX X XX XX   X     X   X X        X X     XXXX X      X   X  XX XXXX     X XX     XX      XX        XXXXX X    X  X
RVR        XX X X X      X X X    XX    X    X X        XX X X         X       X     X    XX    XX   XX X                   X X X  X
RZN                   X X    X    X                X  XX XX X X X X XXX X        X    X        X          X   X          XXX       X X
---------------------------------------------------------------------------------------------------------------------------
SAL        XX   X        X   X                 X               X    X          X  XX      X    X     X X        XXX    X         X  X X
SAN     X XXX  X    XXXXXX  XX      X    X       XXX  XXXX X           X       XX  X X        XX  X  X X  X    XX          X        XX
SAO        X XX                                      X    XX          X    X               XX  XXXX XXX    X                XXXX
SAOF        X               X                  X       X       X        X          X X                 XX            X      X
SAPN            XX                X XXX          X               XXX    XX  X XX      X      XXX    X    X        XX   X   X X XX  X X   XXX
SBB       XXX XXX X    X XXX X X XXX   X X X X      X XX X XX    X    X          XX  XX    XX    XXX XXXX    X X           XX      XXX X  XX
SBCZ    X          X     X   X        X          X             XX              X                  X XX                    X           X  X
SBF     X  XX X   XX XX   X XXX  XXX X XXX XXX      X XXXX X       X  XX       X  XXX      X  XX   X X X    XXXXXX                X X XX XX
SDG      X X X         X      XXXX  XX      X     X     X XX XXX       X XXX       X     X    X  X  X    XX       XX      X           X  X  X X
SDH                                                                                XXXXXX X XXX   XX      X X      X       X    X
---------------------------------------------------------------------------------------------------------------------------
SDI      X XXXXXX  XXX  X XXXX   XXXXXX XXXX        XX X XX XXX  X X  X XX  XXX    XX X X    XXX      XX X     X     X  XX      XXX  X
SDN     X  X X X            X XX   XX        X         X XX    X          X X    X  X      X    XX  X          X           X X    XX   X X
SDV     X XXX        XX X   X XX X    XX    X X  X          X     X            X      XX XX X XXXXXX                X        X X     XX
SEK                           XX X  X            X  X  X XX    X                                                              X X X  X
SES     X XXXXXXX   X  X X X XX XXX   X  XX XX XX X XX X XX  XXX XXXX  X XXX  X XXXXXX XXXXXXXX  XXXXXX X   XXXXX XXXXXXXXXXX
SEW      X X X X      X   XXXXX   X XX X   XXX          XX X   X  X       X     X  X  X XX   XX       XX      X        XXX       X XX
SFI      X XXXX       XX XXXXX    XXXXXXXXXXXXXX XX  XXX X X  XX           X  XXX    X XX XX   X     XX X    X X  XXX      XX X  X XX
SGAM     X X X        X    XXXX   X X         XX   X  X  XX     X  XX       X    X       X  X   XX   X  X                  X      X XX
SGO      XX  X  X  X    X  XXX   XXX    XXXXX   X X   XXX   XXXX X  XX  X  XXX    X X XX   XX     X    XX  XX  XX X    XXXX
SGV                                                                      X  XXXXXX X X X    X     X X     X X     XX    X
---------------------------------------------------------------------------------------------------------------------------
SHI        XX XX   X XX  XXXXXX X X        X  XX XX  XX X X XX       X    X        XXX  XX  X    XX  X X      XX    X  XX        X
SHL     XX XX   X    XX XXXXXX X  XXXX     XXXXXXX XXX     XXXXXXXX            X        XXX       XXX     X XX              XXX  XX X
SHNJ       X  XX    X     X X X     X          X     X        X                         X    X    X                         X     X
SHW        XX X X     X X X X     X        X X          X    X      X   X      X        XXX  X              X X             X   X X
SIO         X X         X X XX XXX    X   XX X              X        X X X
SIT        XXXX         X      X           X       X     X                 X            X    XXX                    X      X     X
SIV         X XX                XXXXXX
SIZ     X    X      X      X    X X          X                 X                 X     X              X      X                     X      X
SJG           X            X       X     XX    XX    X  XX    X      XX      X    XX    X                 X     X     X  X                 X X
SKO     XXXXXXX X XX  X XXXXXXXXXXX  XX     XXXXXX  XX XXXXXXXXX    XX XX XXX X    XXXXXXXX XX    X XX            XX X  XXX XXXXXXX
---------------------------------------------------------------------------------------------------------------------------
SKT      X X X X           XXXXX  XX XX X   XXX   X XX XXX X    X  XX       X X  X  X  X XXX   XX      XX    X          XXX  X  X XX
SLA       X    X   XX  XXXX XXXXXX X X   X  XX X XXXX X   X   X     XXX      XXXX X XX  X XX  X  X  X  X  X X XXX XXXX X  X
SLE     X   X   X       X XXX   XX          X      X   X X        X         X  XX     XX  X     X X          XX      XX         X
SLKM     X XXXXX      XX  XXXXX XXX XX X  XXXX   X  X  XXXX   XX XXXX     XX    X  X  XXXXX XXXX  XXXX     X     X XXXXXX  XXXX
SLR                     X XXX    X          X    X  XXXX   X          XX        X           X     X  X XX      XX      XX     XXX X X  X
SMF     X  XX XXXXX  XX X XXX XXXX X X XXXXXX X XX XX X X    XX X XX     XX XXX  XXXXXXXX XXXXX   XXXXXXX    XX X   X XXX XXX
SML      X X X X      X   XXXXX  XX XX X   XXX   X XX XXX X    X  XX       X X  X  X  X  X XX   XX      XX    X         XXX  X  X XX
SMY     `  XX               X X  XXX        X        XX  X          X        X                XX  X                 X      X   X
SNF        XX X       X X XXX   XX    X    X X    X  X XX X X   X            XX X     X X XX  XX         X X        X  X      X      X·
SNG        XX XX    X XXX X X  XXXXXXXXX        X                XX                 XX       XX  X X                XX      X     X
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DATE  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |10 |11 |12 |13 |14 |15 |16 |17 |18 |19 |20 |21 |22 |23 |24 |25 |26 |27 |28 |29
SNY     XXXX XXXXX  XX XXXXXXXXXXX  X  XXXXX X XX XX X X    XX       X XXX  X X X XX XX  XXXX  X  XX  X    X      XXXX  X XX
SOD                                                                                      XXX      X X  XX XX  X      X
SOH   XXX X    X XX X XXX  X  XXX   XX   X XXXXX  XXXXXXXXXXXXXXX  X  XXX X    XX X          X      X  XXXX  X XXXXXX  X
SOI   XXXX X XXXXX X   X XX   X  XX  X XXX XXXX X   XXX XX XX       X  X                        XX         X X   X
SPA     X X  X X    XXX XXXXXXXXXX  X X XX XXXX  X X XX   XX  X X  XXX  XX  X  X XXX  XX  X   XXX   X XX   X X X   XX
SPC     XXX XX X X XX X XX  XXXX  XX X  XXX XX X  XXX XXX XXXXXXX X X XX       XXXX XXX        X   X   X     XXXX  X XX
SPU    X X X X        XXXXX   X XX X   XXX   X XX XXX X    X  XX      X    X  X  X XX   XX     XX    X       XXX  X  X XX
SOTA    XXX X X     X X XXX  XXX   X   X X    X   X X X    X  X X    X  XXX   XXX  XX   X X   XX  XXX    X      X X  X X
SRO   X  XX XX X    X X XXXXXXXX X X   XXX  XX X  X X XX   X  XXXX   XX XXXX   X X  XX  XX      X X      X      XX X    X
SRS   XXX X    XXXX X XXX X   XXX   XX   X XXX X  XXXXXXXXXXXXXXX     XXX X   XXXXX   X XX     X          XX X  X XXXXXX  X
-----------------------------------------------------------------------------------------------------------------------
SRU     XXX XX     X X XXXXX   XX   X  XX XX  XXXXXX X XX    X XXXX     XXX X     XX    XXX XXXX   XXXXXXX     XXX    XX XX   XX
SSB     XX         X  X X     X    X X       X       X                                X      X       X      X
SSE     XXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXX XX  XXXX XXXXX   X X XXX  X XXX   XXXX XXXXX  X  XX XX  XX    XXXXX  X  X
SSF   X  XX XXXXX  XX X XXX XXXX X X XXXXXX X XX XX X XX  XXX XXXX    XXXXXX  XXXXXXXX XXXXX   X XXXXX    XX X   X XXX XXX
SSK     X XX       X    XX X        X         XXX XX X X       X                XXX X   XX    X  X     X     XX    XX X
STCO    XXX      X   X    XXX X    X X              XX X     X        X  X            X   X                X         X X
STH    X  X X      X    X     X    X X X             X          X  X     X        XX X        XX X                  X      X
STK   X XXXXXXXXX XXXXXXXXXXXXXXXX X XXXXX     XXXX      XXXXXXX XXXXX XXXXXXXXX XXX XX XX XXXXXXXX XXX XX   XXXXXXX  XXX XXX
STV     XX X XX  XX  X    X  XXX X          XX  X   X X      X  XX  X  X  XXXXX X X XXX X  X  X X   XX XX  X  XX X    X  XX
SUA    X X X X         XXXXX    X XX X   XXX       X XXX X    X  XX       X     X   X  X XXX  XX       XX     X        XXX  X  X XX
-----------------------------------------------------------------------------------------------------------------------
SUE                   XX       X       X       X            X                   X  XX   X X  X          XXXX  X
SVA      X X  X      XX        XX  X  X X  X  X        X     X  X                  X    X  XXX         X X           X    X     X
SVP                                                                              XX    X X X X    XX     X X     X X    XXX
SVW    X XXXXXXXX   X XXXXXXXXXX XXXX  XXXX X XX XX XXXXX XXX  XXX    XXX   XX XX  X XX  XXXX  XXX     XX    X   XXXXXXXXXXXX
SWI     X    X               X X              X X       X                                 X                        X X
SXM                                  X              X          X    X       XX XX      X           X
SYI                                                                     X    X          XXX   XX     X            XX         XX
TAB                                                 X               X          X X                   X           XX           X
TAC          X          X     X       X  X X       X       X  X                              X         X XX              X
TACH                                 X  X     XXX XXXXX XX X X      XX     XX  X X   XXX XXX XX  X X XX   XX X  X    X     X  XX
-----------------------------------------------------------------------------------------------------------------------
TATO     X  X              X              X          X             X    X                 X   XX    XX      XX  X X XX    XX X
TAZ          X      XX  X      X  X           X X      X X       X      XX  XXX            X        X            X  X
TBH      X            X   X   X   X    X X   XX                                   X    X     X                        X
TBR           X       X X X  XX    X   X X     X XX    X       X                       X                              XX
TCA   XXXX XXXXXXX  XXX XXXXXXXXX     XX  XXXXXXXXX     XXX    XX XXXXXXXXXXXXXXX XXXXXXXXXXX XX XXX XXXXXXX XXXX XXXXXXXXX
TCE      X            X   X   X    X    XXX    XX                                 X   X      X                        X
TCF   X  XX XXXXX  XX X XXX XXXX X XXX XXX    XX XX X X    XX XXXX X  XX XXX  X XXXXXX  XXX     XXXXX X     X      X XX  XXX
TCW      X    XXX X XXXXX  X X X XX XXX X  X   XXX       XXXXX  XX   X   X  XX   XXX     XX   X   X XX      X          XXXX X    X  X
TDS    XX       X  X       XX    XX X   X XXXX     X      XXX X XX  X  X   XX  X      X X X     X         X X  X XXXX X  X X X
TEH      X                X             X                   X   XX X                  X              X          X        X      X
-----------------------------------------------------------------------------------------------------------------------
TEHZ               X  XX  X   X  X                    X             X  X  XX XXX                X      X               X X
TGL    X X X       X     XXXX   X    X    XX   X XX        X  XX        X    X  X  X           X   X  X
THE   XXX X     X X     XX   X  XXX    X    X XX  X  X     XXXXXXXXXX      XXX X   XXXXX    X XX   X    X           X          XXXXX  X
THY        X                X                     X                               X  X                         X         X     X X
THZ   XXXXX    XXXX XX  X  XXX     X X      X  XXX     X XX X       X X  XX XXXX    X X XX    XX        XX       XX    X X X   X X
TIA     XX XXX X XXX XXXXX XXXXXX     XXXXX XX X XX    X X XXX X       XXX  X X XXX XXX  XX X      X  X     X     XX X  X
TIC      X   X    X X X XXX X XX XXX   X XX XX X  XXX X     X  XX XX XXXX XX   XX XXXXX XXXXX XX    X  X XXX     X X XX  XXX
TIO     XXX XXXXXX XXXXX  XXXX XXX XX    XXXXX XXX XXXX X XXXX XX    X X XXXX X     X XX XX X XX  X X XXX  XXXX XXXX XX  XX
TIR                                                                                   X XX   X  X    X      X X  X   X
TIY     XX XXXXX XXX XXXXXXX XXXX XXXXXXXX XX X XXXXXX X XXX  XX    X XXXX X XXXXX XXX  XX X  XX XXX X    XX      XXXX  XXXX
-----------------------------------------------------------------------------------------------------------------------
TKL   X    X X           X X X            X X  XX X   X X X     X       X       X               X  X   XXXX                    X      X
TKSJ     X  XX           X X X   XX          X     X  X                  X           X    X    X                         X    XX
TLC   X         X        X       X          X              X                          X        X X                X          X X  X
TLL                                                                                                   X     X  X  X         X XX
TMA   X  X  X X        X XXX      X        XX          X X         X      X  XX      XX  X    X X           X          XX      XX
TMBR                                                                          X  XXXXXX X XXX    X      X X     X X    X XX  X
TMW    X X X       X      X     X                   X    X          X          X                                    X       X X
TNP   X XXXXXXX     XX X XXXXXXXXXX X   X XXXXXXX XX X XX  XXX  XXX    XXX XXX XXXXXXXXX XXXX  XX XXXX XX   XXXX   XXXXXXXXXX
TNR                 X XX  XXX X           X       X       X          XX  X     X    X         X          X XX
TNS          X         X   X X X        X    X    X  X                X  X    X     X    X                    X
-----------------------------------------------------------------------------------------------------------------------
TOA   XX X X        XX X XXXXX XXXX XX   X XX X XXXXXXXXXXX XXX XXXX  XXXX     X  X  X XX    XX    XXXX    XX        XXXXX XXXX
TOL   X  XX X  XX    X XXXXXX XXXXX XX     X      XX   XX X X  XX    X      X XX     XXX    XX X X  X         X   X  XX    XXX X X    X
TOO     XXXX XXXX XXX X   X X X XX X   X  X X XX     X X     XXX       X XXX  X   XX XXXX   XX       X XXX X     XX
TOUF     X        X      X                  X       XX      X        X         X X               XX             X     X
TOV   X XXX        XX X    X     X          X X  X         X      X       XX  X       X  XX X    X                   X       X X     XX
TPC     XXX XXX X   X XXX X X XXX  X    X X       X XXXX X    X    X        XX    X    X     XX    XX   X  X         XX        X XXX  XX
TPI                XXX      XX    XX              X X      X                           X                X
TPP      X             X   X  X   X    XXX    XX           X                          X    X     X                      X
TPT     XX             X                             X    X          X      X               XX  X          X            X
TPX          X          X XX          X  X  X X X X         X X       XX         XX    X X  X  X X XXX                 X    X XXX
-----------------------------------------------------------------------------------------------------------------------
TRF    X X X       X      XXXX  XX XX X    XXX  X XX XXX       X  XX       X     X   X  X   X    X       XX       X          X   X  X X
TRI    X XX XX  X XX  XXX XXX XX XXXXX  X       XX   XXXX XX X     X      X  XXX    XX XXXX X XXXXXXXX XXXX XX X   X   XX X   X X
TRN      X             X    X  X    X    XXX    XX          X                       X    X      X                         X
TRO    X XX          XXX       X X           X    X   XX           X      X   X                 X                XX              X
TRT                        X XX           X X   X           X                                      XX           X
TSM   X   X  XXX    XXX  X X     XXX        X  X  X X   X       XX                                                  XX     X
TSRJ    XX XX        X X   X    XX         X XX X  X   X   X      X   X      X      XX    X     X     X          X        X       XX      X  X
TTA   XX XXXXXXX     X X XXXXXXXX XXXX  X XX XXXX XXXXXXXX XXX XXXX  XXXX X  X  X XXXXX  XXXX  XXXX    XX    X XX  XXXXXXXXX
TTG      X  XX     XX    X    XX   XXX       X X XX X      X X   XXX    XX XXX XX  X  X    XX X XX          X          X     XX   X     X
TTH                X    X    X    X  X                      X              X  X  XX XXXX         X      X                 X X
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DATE   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |10 |11 |12 |13 |14 |15 |16 |17 |18 |19 |20 |21 |22 |23 |24 |25 |26 |27 |28 |29

TUL    XXXXX X  XXX XXXX X XX XXX X X XXX X X X X XX X XX X X XXX XX    XX X    XXX  X XXXX XXX X  X        XX  X  XX XXX  XX
TUZ    Y        X X   X  X  XX X   X      X               X   X      X X  XX    X        XX  X XX     X          X     X    X X
TVO       XX         X                                   X X    X                          X    X            X           X    X
TYNO     XXX      X   X    XXX X     X X       X         XX XX    X        XX  X            X                X      X       X X
TZL     X X X       X      XXXX                X      X XX XXX       X   XX        X     X   X  X         X        X              X  X     X
UCC       XX X        X    X          X      X          X      X              XX          X   XX             X
ULC       X  XX    XX    X    XX   XXX       X X XX X     X X   XXX      X X X XX   X   X    XX X  X          X            X     X     X     X
UNM          X            X      X        X             XX         X  X                        X          X    X XX              X
UPA      X XX    XXX   XX   X XXXXXX    X     X    X X X    XXX   XX X          X        XX     XX    X XXXXXX   X   X    X    X X XX XX  XX
UPP    XX XX XX        XXX XXXXXXXXX XX   XXXXXXX     XX XXXX   XX      X        X        X   XXX    X   XX      X              X X     X       X  X

URZ     XXXXXXXXX XXXXXXX   XXX X   X XXX X XX XXXX   XXXXXXX     XXX XX XX XX XXXX   X   X XX      XX X    XXX    XX   XXXX XX XXXXXX X
USI                 X                 X       X            X                         X                            XX  X        X
UTU                   X   X       X  X         X            X        X   X    X    X                 X
UZD        XX X  X     X X XXX    X   X       XX   X        X X     X     X      X    X            XX     X         X           X        X
VAH        XX          X                                  X    X          X         X                 XX   X              X            X X
VAI        XX X          X XXX      X     X       X      X       X X     XX            X   XXX         XX     X         X   XX         X          X  X XX
VAO      X     X XX     XX X X   X         X   X XX  X X    X    X                                                                   X X
VAY    XXXXXXX XXXX   X XXXXXXXXXXX   XX       X XX XXXXXXXXXXXXXXXXXX X   XX XXX X    XXXXXXXXX XXX   X XX     X   X XXXXX XXX XXXXXXX
VBY      X XX XXXXX XXX X X X XXXXXXXXX    XXX XXXXXXXX XXXX   XXX   XXX X   XX XXXX XXXXX XXX XX   X   XXX XXX         XX X   XX XX X X
VDL        XX X X        X XXX    XX           XX             X X           X         X   XX         XX   X      X X                  X          XX           XX

VGB        XX XXX        X X X   XXX    X    X            X    X      X   XX         X X       X XXX X              X X                    XXXX
VITF       XX X          X X X   XXX           X            XX X            X          X   X       XX     X             X           XX
VKA        XX X          X   XX    XX   X      X   X        XX X X   X       X         X   XX          XX     X                   X        X X
VLI    XXX       X  XX    XXX X         X      X            X XX   X          X    XX           X X       XX     X               X       X      X
VLS      XXX X XXX XXX     XX X          X      X   X           X                 X    XX           X X       X      X               X XX X
VLZ      X X X       X       XX                                                         X                                               X
VOY      X XX X X    X X X XXX XXXX X      XX   X XX   X XXXXXX X    XXX       XX XXX     XX X XXX   X  XXXXX   XXX        X       XX X   X X
VRI      XXXXXXXXXX    X XXXXX X XX    X    XXXX X XX XXXX XXXXXXX XXX     XXXX XX      XXXXXX XXXXXXXX XXXX X X XXXXX X XX X X XX
VTS                    X X    X    X                 X   XX XX X X X X XXX X          X      X      X               X      X                XXX          X X
VUN         XX          X           X    X   X X X   X                     X      X   X                 X       X   XX                  X X       X     X        X

VVI         X             X    X     X X                                X      X                  X   XX              X       X              XX       X                    X
VVO         X X           X  X XX XXX    X   XX X                       XX X      XXXXX           X                                           X                X              XXX   X
VZW      X X           X       XXXX    X X         X       X XX   XX X      X   XX        X        X     X   X     X                  X              X   X  X XX
WAHZ                   X   XX   X X X   X                 X         X X X         X   X   XX XXXX         X    X         X           X                 X XX X
WARB     XXXXXXXXXX XXXXXXXXXXX XXXXX XXXXXX XXXXXX XX XXXXXXX XX XX XXXXXXXXX XX   XXXX    XXXXXX
WB2    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX     XXXX     XX     XXXXXXXXXXXXXXXXXXXXXXX      XXXXXXXXXX   XXXXXXXXXXX XX XXXXXXXX
WCZ           X       X   X  X X X      X     X   X        X XX X                   X    XXX    X    XX       XX           X                    X     X   X
WDC        X XX X         X X                       X         X      X     XX       X         X                       XX                    X                           X   X
WDW             XXXX X    X   X     X   X X      X                                            XX      XX        X   X   X XX                  XXXX X    X
WEL         X    X              X       XX            X X XX        XX              X   XX X X         X      X XX                                XX X X X

WET        XX X        X X X X    XX   XX      XX           X X X   X         X XX XX       X     XX     X               X      X
WHH                   X   XX   X X X   X                X        X X           X    X   XX XXXX       X   X      X                                   X XX X
WHN       XXX XXXXX XXX XXXXX    XXXXX XX XXXXX XX X XX    X     XXX    XX          XX    X    XX     XXX    XX X         X    X       X         XXX X   XX X
WIN                          X X      X           X      X       XX    X                                        XX    X   X          X        XX        X X X      X
WKYJ       X   XX          X X X     XX         X   X      X   X    X                  X              X        X      X                          X      X         XX
WLF    XX XX X XX      X X XXX XXXX         X X      X   XXXX X      X X X X        XX XX        XXX XX                    X
WLVO     XXX        XX     X     XXX X       X X               XX XX     X         XX   X           X     X      X               X          X X
WLZ       X    X        XX   X     XX X   X              X X      X XX X          X   X   XX XXXX        X XX       XX         X X    X   X XX      X
WMQ      XXXX XXXXXXXXX XXXXXXXXXXXXXXXXXXXXXX XX X XXXX XXXX XX X X    X XXXX X XXXXXXXXX   XX X   XX XXX X X   X      XXXXX   XXXX
WRA    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX     XXXXXXXXXX XXXXXXXXXXXXXX XXXXXXXXXXX   XXXXXXXXXX   XX XXXXXXXX

WRG      X X X               XX X                                            X          X      X   X   X         X    X                                 X
WRH         X                                  X         X X X             XXX        X      X   X   X   X       X         X      X              X   X   X X
WSI         X   X             X   X        XX                  X  XX              X XX                  X
WTS      X  XX         XX      XX XX X   XXX   XX          XXX           X             X   X   X    X      X X XX          X          X     X     X
XAN      X XX XXX X X XXXXXXXXXXXXXX XX XXXXX XX X XX XXX    XXXX X X    X XXX   X XXXXX XXX    XXXX    X XXX X X XX     XXXXX    XXXX
XLV      X X X X           X    X      X X   X     XXX   X        X   X      X    X        X X              XX       XX
YAH      X X X       X     XXXX          X       XX    X    X    X        X   XX       X       X   X   X          X     X   X              X          X X
YAK    XX XX XXXXXXX X XXXXXXXXXXXX X X XXXX XXXX XX X      XXX XXX X   XXXX   X   XXXX XXX    XXXX X X   X XX     X XX   XXXXX XXXX
YAMJ            XX          X X X   XXX   X     X XXX     X XX           XX            XX          X X   X     XXX               X            X X       X
YER    X XXX X          XX   XXXXXX X

YHJ      X   X             X     X      X      X                     X                      X              X X       X
YJA           X X XX X     XXXX XXX X    XXX X    XXX XX X XXX   X      XXX       X XX   X XXXXXX         X   X X     XX XXXXX XXXX       X XX
YKA    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX   X     XXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
YLV      X X   X    X XXX    XXX XXXXX   X X   XX   X XXXXXXX XX XXXX                           X XX XX X       XXXXXXXX XXX XXX X X
YMT3                                                                                     X   XX XXX X XXX    XX       X X     X X      XX    X
YMT5                                                                                     X   XXXXXX X XXX             X X     X X        X    X
YMT6                                                                                         XXXXXX X X X     X       X X     X           XX    X
YONJ        X   XX           X X X    XX               X       X   X                   X              X     X    X                                 X       X
YYYY      XXX   X X    X X X X X X X X    XX XXX        XX X X   XX    XXXX XXX XX XXXX     XX   XX    XX     XXX XXX X   X     XXX    XXX XX XXX XX
ZAG         X               X    X          X         X              X X X    X                X   XX    X       XX      X       X             X           X

ZLA        XX X            X     X    XX               X        X       X X               X       X   XX          X           X X                   XX           XX         X
ZOBO   XXXXXX                     XXXXXXXXXXXXXXXXXXXXXXX        X                                                                                  X
ZON    XXX           XX   XXXXXXXX X X             X   XX XX X XX     X      XXX X       XX XX XX X   XXXXX   X XXX     XXX X   X           XX      X
ZSP       X X                                     X       X         X      X       X            X    XXX       X                        XXX
ZST    XXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXX XXXXXXXXX XXXXXXXXXXX XXXX XXXXXXXXXXX
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The following stations each reported less than 10 readings:

AAE	AAI	ABH	ACI	ACU	ADH	ADI	AEKI	AGRW	AHA	AIT	AKSR	AKU	AKUR	ALB	AMR	ANMR	ANTR
APA	APKW	APM	ARNI	ARO	ARTL	ASP	ASW	ATA	ATZ	AUH	AUW	BAI	BBB	BCI	BCPM	BDBC	BDF
BER	BERF	BGB	BGIO	BIB	BIR	BLG	BLH	BLN	BLT	BMNM	BMTN	BNM	BOH	BOT	BPBC	BPO	BRK
BRN	BRNI	BSK	BST	BTB	BUC	BUC1	BUNI	BURJ	BVA	BVW	CBB	CBM	CBTI	CCW	CDFW	CDH1	CEI
CEOS	CESL	CFTV	CGL	CIS	CIT	CIW	CLE	CLN7	CLNB	CME	CMW	CNZ	COL	COR	CPB	CPE	CPKM
CPW	CPY	CRBI	CRF	CRNM	CROR	CSTJ	CTA	CTAO	CTFE	CTK	CTS	CUS	CUSS	CVT	CWC	CWF	CYK
CZM	DAF	DBCT	DBN	DBO	DHB	DHH	DHW2	DLF	DLM	DNP	DOG	DRA	DSVT	DTMT	EAB	EALH	EAU
EBH	EBL	ECB	ECHE	EDB	EDI	EDR	EDU	ELO	ELYF	EMEL	EMM	EPH	EPR	EPT	ERC	ERK	EROO
ERUA	ESCF	ESD	ESEL	ESK	ESY	ET3	ETB	ETER	ETW	EZAM	FAI	FAM	FBO	FCV	FG2	FG3	FG4
FGO	FL2	FLAG	FMA	FMW	FOX	FRU	FSB	GAI	GBI	GBL	GBR	GCG	GDR	GELF	GFP	GGC	GHW
GL2	GLH	GLR	GMB	GMN	GMO	GMR	GMTN	GRC1	GRI	GSI	GSMM	GT2	GULW	GUM2	GVN	HATZ	HAY
HBO	HCG	HCR	HDW	HGH	HIA	HLD	HLP	HMDT	HNB	HOJ	HOM	HON	HRV	HSO	HSR	HTR	HTW
HUTZ	HYT	IAS	IKP	ILT	INGI	IRCI	ITB	ITB7	IVS	IXG	JARJ	JAU	JAY	JBO	JCW	JEHI	JGI
JMI	JNE	JNW	JOF	JVI	KAB	KALI	KBR	KCHT	KDB	KEDI	KEF	KELI	KFNJ	KIP	KKH	KKS	KLM
KMOR	KMY	KNIM	KONO	KOSW	KRNA	KSU	KSY	KTK5	KUF	KWE	LAGL	LAV	LAZ	LDBL	LFK	LFU	LHE
LIJA	LIS	LISJ	LLAV	LLRI	LMW	LNOR	LOCW	LOP	LPA	LPM	LRV	LSK	LSPF	LTX	LVI	LVP	LVV
MAJO	MASJ	MBET	MBJ	MBO	MBW	MBZ	MCO	MCO	MCWV	MCY	MDSJ	MDW	MEMT	MENI	MEW	MGB	MHA
MHI	MHZ	MIM	MJ2	MKA	MKL	MKT	MLH	MMCZ	MML	MMN	MMR	MNB	MONL	MORO	MOS	MOT	MOY
MPOR	MRL	MSCZ	MTHF	MTI	MTMW	MTX	MUB	MXC	MZA	MZX	NAB	NAC	NAO	NCOR	NDE	NEV	NGZ
NINI	NIZ	NKC	NLO	NLW	NOP	NPI	NPRI	NWAO	OAR	OBH	OBO	OD2	OGE	OHW	ONR	OPA	OPT
OSD	OSR	OT2	OZB	PACI	PAE	PAF	PASI	PATW	PCA	PCF	PCJ	PEM	PENI	PERF	PET	PFB	PFH
PFO	PGO	PGP	PGW	PHC	PKK	PLBC	PLL	PNL	POF	PPN	PPT	PRAF	PRN	PRW	PSI	PTO	PTS
PTT	PUK	PUL	PULI	PUYF	PVPS	PVRC	PZCI	PZI	OCS	OTRJ	OZA	RAC	RAGM	RANI	RAO	RAR	RATI
RBL	RCS	RDG	RDJ	RDN	REMR	REMW	REVF	REY	RGS	RKT	RNO	ROSA	RPW	RSM	RSNY	RSW	RUP
RVC	RVW	SAGI	SALF	SALJ	SAP	SATS	SAW	SBC	SBG	SBM	SCN	SCP	SCX	SCY	SDA	SEC	SEG
SFS	SFTX	SGE	SHB	SHK	SHMJ	SHRG	SIBI	SIM	SINI	SJAS	SJB	SJI	SKI	SLB	SLEB	SLKI	SLM
SLP	SLW	SMNM	SNA	SNB	SNH	SNS	SONG	SOSW	SPJ	SPRG	SPW	SRDI	SRE	SRG	SRP	SSOR	SSP
STAN	STD	STR	STS	STW	SUF	SUR	SVB	SVK	SYA	TAHZ	TANI	TAS	TAVF	TBI	TBT	TCO	TDD
TDH	TDL	TER	THRI	TIG	TIK	TIM	TKO	TME	TMI	TMO	TNL	TOD	TPE	TPR	TPRS	TPU	TREF
TRGS	TUH	TVI	TWL	UAV	UDU	USIL	UZH	VAL	VBEM	VDB	VDCF	VFP	VGZ	VHO	VILF	VIPM	VLL
VLMM	VLO	VPD	VSS	VTG	VTHM	WAH2	WAR	WFB	WG3	WHB	WIH	WIM	WIT	WIW	WLS	WME	WMOR
WPB	WPW	WRN	WTV	WTX	WVLY	YAKW	YEL	YKU	YLL	YMT1	YMT2	YMT4	YOMI	YPE	YRC	YRE	YRH
YSA	YSS	YTIR	YUP	ZGN	ZNT												